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STATE OF NEW HAMPSHIRE.

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REPORTS, 1909 - 1910.

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VOLUME V.---BIENNIAL.

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CONCORD, N. H.  
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BOUND BY GEORGE G. NEAL, DOVER, N. H.

## CONTENTS.

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REPORT OF THE REGISTRAR OF VITAL STATISTICS.

REPORT OF THE ADJUTANT-GENERAL.

REPORT OF THE ATTORNEY-GENERAL.

CATALOG OF NEW HAMPSHIRE COLLEGE.

REPORT OF THE NEW HAMPSHIRE COLLEGE OF AGRICULTURE AND  
THE MECHANIC ARTS.

REPORT OF THE COMMISSIONERS OF LUNACY.



TWENTY-SECOND REPORT  
(EIGHTH BIENNIAL)  
RELATING TO THE  
REGISTRATION AND RETURN  
OF  
BIRTHS, MARRIAGES  
DIVORCES AND DEATHS  
IN  
NEW HAMPSHIRE

FOR THE YEARS 1908 AND 1909

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VOLUME XIX, NEW SERIES

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CONCORD, NEW HAMPSHIRE

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# THE STATE OF NEW HAMPSHIRE.

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OFFICE OF THE REGISTRAR OF VITAL STATISTICS.

CONCORD, September 1, 1910.

*To His Excellency the Governor and the Honorable Council:*

I have the honor to submit herewith, in accordance with the laws of the State of New Hampshire, the twenty-second report relating to the registration of births, marriages, divorces and deaths, in this state for the years ending December 31, 1908, and December 31, 1909.

Respectfully submitted,

*Irving A. Watson*

*Registrar of Vital Statistics.*

## REGISTRATION REPORT.

### RETURNS FOR 1908 AND 1909.

Herewith is rendered a statistical return of births, marriages, divorces and deaths, as made to the department of vital statistics for the calendar years 1908 and 1909.

In addition thereto there is a summary, commencing with Table No. 19, showing certain features of similar returns for the past twenty-four years: since such statistics have been of sufficient completeness to be of value. Most of the computations are based upon an estimated population, except for the census years.

The number of births, marriages, divorces and deaths returned to the state for the years 1908 and 1909 was as follows:

	1908.	1909.	Increase.	Decrease.
Births.....	9,270	8,913	.....	357
Marriages .....	4,098	4,079	.....	19
Divorces .....	569	530	.....	39
Deaths .....	7,161	7,282	121	.....

The proportion of births, marriages, divorces and deaths to each 1,000 of the population \* for the two years mentioned was:

Year.	Births.	Marriages.	Deaths.
1908 .....	21.72	9.62 (couples)	16.77
1909 .....	20.79	9.51 (couples)	16.98

\* Population estimated.

In 1909, 8,913 births were returned, a decrease of 357 over the returns of the previous year. Table No. 21, on page 307, shows the number of births returned to the department of vital statistics each year since 1880. The proportion of births to the population in the earlier years of the registration is doubtless due to defective returns. For recent years the figures may be considered approximately correct, although under all systems of registration, so far as we know, some births are never reported.

Reference to various other tables relating to births will be found in the index.

Table No. 22 shows the number of marriages returned in each year from 1880 to 1909, inclusive. Some of the subsequent tables give the percentage of marriages to population, by state, counties, nativity, etc.

The number of divorces decreed in New Hampshire for forty-seven years is given in Table No. 32, page 316.

Table No. 33, on page 318, gives the causes for which divorces were granted in New Hampshire from 1882 to 1909, inclusive, by counties, and Table No. 34 shows the ratio of divorces to marriages for the same period.

Tables Nos. 35 and 36 show the ratio of divorces to marriages, by counties, for the years 1908 and 1909.

#### DEATHS.

The general basic tables of this report show births, marriages, and deaths, by towns, and with more details than can be enumerated here. Every fact is recorded by towns, so that it is possible to locate, by the smallest geographical unit, every cause of death. This, from the standpoint of the student of the prevalence of certain diseases, is exceedingly important.

In other tables deaths are also enumerated by ages, sex, months, counties and towns. A general summary of deaths in general and of certain specific causes is given in Tables Nos. 37 to 63, inclusive.

Table No. 48 shows various causes of death for the past twenty-six years, and is worthy of careful study, as are also some of the subsequent tables relating to special diseases.



TABLE OF BIRTHS, MARRIAGES,  
DIVORCES AND DEATHS,  
1908.

Table  
Births, Marriages, and Deaths for  
Rockingham

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Atkinson.....	442	2	6	8	18.09	7	1	1	1	..	
Auburn.....	682	9	3	12	17.59	11	3	1	3	..	
Brentwood.....	957	2	5	7	7.31	3	1	3	..	..	
Candia.....	1,057	8	11	19	17.97	12	2	4	1	1	
Chester.....	861	4	5	9	10.45	6	1	2	2	..	
Danville.....	615	9	3	12	19.51	7	1	2	2	2	
Deerfield.....	1,162	10	10	20	17.21	15	2	1	2	..	
Derry.....	3,583	66	52	118	32.93	69	31	7	8	3	
East Kingston.....	496	2	2	4	8.06	2	2	2	..	..	
Epping.....	1,641	20	18	38	23.15	14	16	5	2	1	
Exeter.....	4,922	50	61	111	22.55	51	35	8	14	3	
Fremont.....	749	5	3	8	10.68	6	1	1	1	..	
Greenland.....	607	3	7	10	16.47	5	3	2	..	..	
Hampstead.....	823	8	8	16	19.44	14	1	1	1	..	
Hampton.....	1,209	14	8	22	18.19	17	1	2	1	1	
Hampton Falls.....	560	4	2	6	10.71	6	2	1	..	..	
Kensington.....	524	2	1	3	5.72	2	1	..	..	..	
Kingston.....	1,132	12	12	24	21.20	21	3	3	1	2	
Londonderry.....	1,408	13	5	18	12.77	11	3	3	1	..	
Newcastle.....	581	3	3	6	10.32	3	1	1	1	..	
Newfields.....	647	2	3	5	7.72	4	1	..	..	..	
Newington.....	390	3	1	4	10.25	3	1	..	..	..	
Newmarket.....	2,892	45	49	94	32.50	18	57	6	7	6	
Newton.....	924	6	4	10	10.82	5	2	1	1	1	
North Hampton.....	812	..	..	..	..	..	..	..	..	..	
Northwood.....	1,304	10	15	25	19.17	21	..	..	3	1	
Nottingham.....	638	14	9	23	36.05	19	3	1	2	..	
Plaisow.....	1,027	11	13	24	23.36	12	7	3	2	..	
Portsmouth.....	10,637	144	119	263	24.72	136	82	18	22	5	
Raymond.....	1,100	13	9	22	20.00	20	..	..	1	1	
Rye.....	1,142	5	3	8	7.00	6	1	1	1	..	
Salem.....	2,041	9	12	21	10.28	9	5	3	3	1	
Sandown.....	400	6	3	9	22.50	6	1	2	..	..	
Seabrook.....	1,497	14	21	35	23.38	35	..	..	..	..	
South Hampton.....	297	..	..	..	..	..	..	..	..	..	
Stratham.....	718	8	3	11	15.32	8	1	2	..	..	
Windham.....	641	5	4	9	14.04	6	..	3	..	..	
Total.....	51,118	541	493	1,034	20.20	590	254	76	86	28	

No. 1.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
.....		1			1	1	3		4	3	1		9.04
4			1		5	5	10		10	10			14.66
4					4	19	13		*32	22	8	2	33.43
2					2	9	6		15	12	3		14.18
6		1			7	7	15		22	20	2		25.55
3		2			5	8	8		16	11	3	2	26.01
5			2		7	11	4		15	13	1	1	12.90
48	4	8	13		73	49	36		85	62	17	6	23.72
1			1		2	2	7		9	8	1		18.14
3	1		3		7	14	6		20	15	2	3	12.18
25	11	6	9		51	32	44		76	50	17	9	15.44
2		1			3	6	4		10	9		1	13.35
2					2	1	3		4	3		1	6.58
4					4	5	5		10	8	1	1	12.15
11		2			13	12	5		17	17			14.06
4			2		6	4	5		9	8	1		16.07
.....						3	1		4	4			7.63
7		3			10	16	11		27	22	3	2	23.85
2					8	12	13		25	25			17.75
2					2	4	3		7	7			12.04
5					5	6	2		8	7		1	12.36
.....	1		1		2	5	3		8	8		1	20.51
11	19	6	3		39	17	28		45	29	14	2	15.55
6	1	1	1		9	2	11		13	11	2		14.06
8		1			9	8	7		15	14		1	18.47
6		1			7	14	7		21	18		3	16.10
5				1	6	13	3		16	14	1	1	25.07
4	2	1	1		8	6	4		10	10			9.73
197	17	29	22		265	110	92		†202	148	43	11	18.99
6					6	12	16		28	28			25.45
7		1			8	9	7		16	16			14.01
12	2	2		1	17	14	8		22	15	3	4	10.77
.....						4	1		5	5			12.50
13		2	1		16	10	19		29	29			19.37
1					1	2	1		3	3			10.10
5		1			6	3	3		6	6			8.35
4		1			5	2	6		8	7	1		12.48
431	58	69	61	2	621	457	415		872	696	124	52	17.05

\*Died at County Farm, 19.

†Died at public institutions, 24.

Table  
Births, Marriages, and Deaths for  
Strafford

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.				Parentage.					
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Barrington.....	1,208	9	8	..	17	14.07	16	..	..	1	..
Dover.....	13,207	147	157	..	304	23.01	113	128	30	27	6
Durham.....	996	5	5	..	10	10.04	9	..	..	1	..
Farmington.....	2,265	20	20	..	40	17.66	33	..	2	5	..
Lee.....	545	2	5	..	7	12.84	5	..	..	..	2
Madbury.....	336	5	1	..	6	17.85	6	..	..	..	..
Middleton.....	300	5	2	..	7	23.33	7	..	..	..	..
Milton.....	1,625	11	22	..	33	20.30	21	5	4	1	2
New Durham.....	625	3	2	..	5	8.00	4	..	..	..	1
Rochester.....	8,466	101	92	..	193	22.79	93	56	25	14	5
Rollinsford.....	1,701	24	24	..	48	28.24	14	27	2	5	..
Somersworth.....	7,023	110	74	..	184	26.19	14	143	13	14	..
Strafford.....	1,040	4	6	..	10	9.61	8	..	..	1	1
Total.....	39,337	446	418	..	864	21.96	343	359	76	69	17

No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
6	.....	1	.....	.....	7	10	9	.....	19	17	1	1	15.72
135	28	25	20	.....	208	101	141	.....	*242	165	67	10	18.32
4	.....	.....	.....	.....	4	7	6	.....	13	10	.....	3	13.05
18	1	2	1	.....	22	21	17	.....	38	34	2	2	16.77
1	.....	.....	.....	.....	1	3	4	.....	7	6	1	.....	12.84
.....	.....	.....	.....	.....	.....	5	3	.....	8	6	1	1	23.80
2	.....	1	.....	.....	3	4	.....	.....	4	4	.....	.....	13.33
9	.....	1	3	.....	13	13	20	.....	33	30	2	1	20.30
4	1	.....	.....	.....	5	5	7	.....	12	11	.....	1	19.20
81	13	14	8	.....	116	63	62	.....	125	101	20	4	14.76
4	5	1	2	.....	12	10	17	.....	27	21	5	1	15.87
17	14	6	6	.....	43	55	43	.....	98	68	22	8	13.95
6	.....	2	.....	.....	8	13	6	.....	19	17	.....	2	18.27
287	62	53	40	.....	442	310	335	.....	645	490	121	34	16.39

\*Died at County Farm, 18; at public institutions, 32.

Table  
Births, Marriages, and Deaths for  
Belknap

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alton.....	1,500	12	12	..	24	16.00	20	2	1	1	..
Barnstead.....	1,072	11	9	..	20	18.65	15	...	3	2	..
Belmont.....	1,294	8	16	..	24	18.54	15	6	...	3	..
Centre Harbor.....	442	1	2	..	3	6.78	2	1	...	..	..
Gilford.....	661	6	4	..	10	15.12	7	1	2	...	..
Gilmanton.....	1,100	10	9	..	19	17.27	16	1	...	1	1
Laconia.....	8,042	105	107	..	*212	26.36	73	85	25	25	4
Meredith.....	1,713	16	17	..	33	19.26	28	...	1	2	2
New Hampton.....	852	8	4	..	12	14.08	10	1	1	...	..
Sanbornton.....	944	5	5	..	10	10.59	7	...	...	1	2
Tilton.....	1,926	19	14	..	33	17.13	15	10	2	5	1
Total.....	19,526	201	199	..	400	20.48	208	107	35	40	10

\*Born at County Farm 2.

No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.			Nativity.				
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
9	.....	1	.....	.....	10	12	11	.....	23	20	1	2	15.33
7	1	1	.....	.....	9	11	4	.....	15	12	3	.....	13.99
8	3	1	.....	.....	12	9	16	.....	25	21	3	1	19.31
4	.....	.....	.....	.....	4	3	2	.....	5	4	1	.....	11.31
6	.....	.....	1	.....	7	4	10	.....	14	12	2	.....	21.18
8	.....	2	.....	.....	10	9	16	.....	25	20	1	4	22.72
42	14	11	13	2	82	74	71	.....	*145	112	31	2	18.03
9	.....	4	1	.....	14	17	15	.....	32	30	1	1	18.68
6	.....	.....	1	.....	7	8	5	.....	13	12	1	.....	15.25
3	.....	.....	.....	.....	3	10	9	.....	19	16	1	2	20.12
13	3	2	1	.....	19	18	15	.....	†33	23	5	5	17.13
115	21	22	17	2	177	175	174	.....	349	282	50	17	17.87

\*Died at County Farm, 10; died at public institutions, 11.

†Died at public institutions, 11.

Table  
Births, Marriages, and Deaths for  
Carroll

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Albany.....	210	2	3	5	23.80	3	2				
Bartlett.....	1,013	18	12	30	29.61	17	3	6	2	2	
Brookfield.....	296	4	1	5	16.89	5					
Chatham.....	269	2	3	5	18.58	4			1		
Conway.....	3,154	48	33	81	25.86	62	8	6	4	1	
Eaton.....	365	4	6	10	27.39	10					
Effingham.....	600	3	3	6	10.00	5	1				
Freedom.....	594	2	7	9	15.15	9					
Hart's Location.....	38										
Jackson.....	622	2	2	4	6.43	4					
Madison.....	529	5	5	10	18.90	9			1		
Moultonborough.....	901	3	2	5	5.54	5					
Ossipee.....	1,479	8	6	14	9.46	11				3	
Sandwich.....	1,077	8	8	16	14.85	15				1	
Tamworth.....	1,050	8	6	14	13.33	12			1	1	
Tuftonborough.....	663	9	7	16	24.13	14		2			
Wakefield.....	1,645	27	15	42	25.53	28	6	6	1	1	
Wolfeboro.....	2,390	9	15	24	10.03	20		3	1		
Total.....	16,895	162	134	296	17.52	233	20	23	11	9	

No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.			Nativity.			Death-rate per 1,000.	
						Male.	Female.	Not stated.	Total.	American.	Foreign.		Not stated.
1					1	7	1		8	5	1	2	38.09
3		1	3		7	9	4		13	10	3		12.83
2					2	2			2	2			6.75
5					5	1	2		3	3			11.15
24	1	2	1		28	27	11		38	32	3	3	12.04
7					7	1	3		4	4			10.95
5			1		6	8	9		17	14		3	28.33
8					8	6	4		10	9		1	16.80
1					1								
3	1	1			5	7	4		11	10	1		17.68
5					5	5	1		6	6			11.34
6		1	1		8	4	5		9	4	2	3	9.93
12		2			14	14	14		*28	25		3	18.93
6		1			7	10	10		20	20			18.56
11					11	9	5		14	13		1	13.33
2					2	6	5		11	11			16.59
21	1	2	1		25	7	16		23	22	1		13.98
23	1	2	2		28	22	17		39	33	3	3	16.31
145	4	12	9		170	145	111		256	223	14	19	15.15

\*Died at County Farm, 4.

Table  
Births, Marriages, and Deaths for  
Merrimack

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Allenstown.....	1,496	20	20	..	40	26.73	6	28	1	5	..
Andover.....	1,179	12	8	..	20	16.96	15	2	3	..	..
Boscawen.....	1,455	10	7	..	17	11.68	7	2	1	4	3
Bow.....	617	4	2	..	6	9.72	6	..	..	..	..
Bradford.....	805	..	3	..	3	3.72	2	1	..	..	..
Canterbury.....	821	3	9	..	12	14.61	12	..	..	..	..
Chichester.....	598	5	5	..	10	16.72	9	..	..	1	..
Concord.....	19,632	192	193	..	385	19.61	153	137	38	48	9
Danbury.....	654	4	6	..	10	15.29	9	..	1	..	..
Dunbarton.....	551	4	4	..	8	14.51	5	2	..	..	1
Epsom.....	771	4	5	..	9	11.67	7	..	1	1	..
Franklin.....	5,846	57	77	..	134	22.92	49	37	20	26	2
Henniker.....	1,507	8	11	..	19	12.60	18	1	..	..	..
Hill.....	603	7	4	..	11	18.24	7	..	4	..	..
Hooksett.....	1,665	9	10	..	19	11.41	9	5	3	2	..
Hopkinton.....	1,652	11	4	..	15	9.07	12	1	1	1	..
Loudon.....	960	3	4	..	7	7.29	7	..	..	..	..
Newbury.....	424	3	6	..	9	21.22	6	..	2	1	..
New London.....	768	4	2	..	6	7.81	6	..	..	..	..
Northfield.....	1,227	6	13	..	19	15.48	11	2	1	4	1
Pembroke.....	3,183	38	47	..	85	26.70	22	48	6	8	1
Pittsfield.....	2,129	22	23	..	45	21.13	23	11	6	4	1
Salisbury.....	604	8	3	..	11	18.21	9	1	1	..	..
Sutton.....	776	10	3	..	13	16.75	12	..	1	..	..
Warner.....	1,358	8	11	..	19	13.99	17	..	..	2	..
Webster.....	496	3	3	..	6	12.09	5	..	..	1	..
Wilmot.....	653	7	6	..	13	19.90	11	..	..	1	1
Total.....	52,430	462	489	..	951	18.13	455	278	90	109	19

No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
3	3	2	1	.....	9	20	16	.....	36	22	12	2	24.03
13	.....	.....	1	.....	13	11	14	.....	25	23	1	1	21.20
6	.....	.....	.....	.....	6	17	12	.....	*29	20	8	1	19.93
1	.....	.....	.....	.....	1	10	5	.....	15	14	1	.....	24.31
3	.....	.....	1	.....	4	9	12	.....	21	19	1	1	26.08
6	.....	.....	.....	.....	6	6	13	.....	19	17	.....	2	23.14
3	.....	.....	.....	.....	3	3	4	.....	7	6	1	.....	11.70
115	22	16	19	1	173	225	185	.....	†410	322	76	12	20.88
1	.....	.....	.....	.....	1	3	5	.....	8	7	.....	1	12.23
6	.....	.....	.....	.....	6	2	2	.....	4	4	.....	.....	7.25
3	.....	.....	.....	.....	3	4	4	.....	8	8	.....	.....	10.37
22	7	2	3	1	35	52	36	.....	188	68	16	4	15.05
10	.....	1	1	.....	12	15	14	.....	29	28	.....	1	19.24
5	.....	.....	.....	.....	5	4	6	.....	10	9	1	.....	16.58
6	2	.....	2	.....	10	9	7	.....	16	15	1	.....	9.60
5	.....	1	.....	.....	6	24	17	.....	41	34	2	5	24.81
10	1	.....	.....	.....	11	3	4	.....	7	6	.....	1	7.29
6	.....	.....	1	.....	7	4	6	.....	10	9	1	.....	23.58
8	.....	2	.....	.....	10	3	7	.....	10	10	.....	.....	13.02
1	.....	1	2	.....	4	10	8	.....	18	16	1	1	14.66
10	9	5	3	.....	27	23	22	.....	45	34	10	1	14.13
9	3	2	1	.....	15	28	21	.....	49	45	2	2	23.01
1	.....	.....	.....	.....	1	5	3	.....	8	5	1	2	13.24
7	.....	.....	.....	.....	7	8	10	.....	18	17	1	.....	23.19
6	.....	.....	.....	.....	6	11	18	.....	29	27	2	.....	21.35
2	.....	.....	.....	.....	2	4	5	.....	9	9	.....	.....	18.14
7	1	1	1	.....	10	3	6	.....	9	7	.....	2	13.78
274	48	33	36	2	393	516	462	.....	978	801	138	39	18.65

\*Died at County Farm, 18.

†Died at public institutions, 152.

‡Died at public institutions, 3.

Table  
 Births, Marriages, and Deaths for  
 Hillsborough

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Amherst.....	1,231	12	5	17	13.80	9	5	1	2	..	
Antrim.....	1,366	7	14	21	15.37	16	3	2	1	..	
Bedford.....	1,148	6	16	22	19.16	15	3	2	1	1	
Bennington.....	667	6	11	17	25.48	12	1	3	1	..	
Brookline.....	606	9	6	15	24.75	8	4	1	2	..	
Deering.....	486	4	6	10	20.57	8	1	1	..	..	
Francestown.....	693	5	6	11	15.87	7	..	2	2	..	
Goffstown.....	2,528	30	25	55	21.75	29	10	6	7	3	
Greenfield.....	605	5	5	10	16.53	7	1	..	2	..	
Greenville.....	1,608	30	21	51	31.71	7	30	7	6	1	
Hancock.....	642	3	6	9	14.01	7	2	..	..	..	
Hillsborough.....	2,252	18	18	36	15.98	23	6	12	3	2	
Hollis.....	910	12	5	17	18.68	9	4	1	3	..	
Hudson.....	1,261	15	12	27	21.41	16	3	2	3	3	
Litchfield.....	243	1	..	1	4.11	..	1	..	..	..	
Lyndeborough.....	686	9	5	14	20.40	11	1	2	..	..	
Manchester.....	56,987	844	786	1,630	28.60	308	1008	147	143	24	
Mason.....	358	2	4	6	16.75	3	2	..	1	..	
Merrimack.....	1,284	7	6	13	10.53	9	1	3	..	..	
Milford.....	3,739	35	54	89	23.80	37	35	6	10	1	
Mont Vernon.....	453	1	1	2	4.42	1	1	..	..	..	
Nashua.....	23,898	339	345	684	28.62	176	344	66	83	15	
New Boston.....	1,002	13	8	21	20.95	16	2	2	..	1	
New Ipswich.....	911	22	15	37	40.61	10	23	1	2	1	
Pelham.....	875	5	7	12	13.71	7	4	..	1	..	
Peterborough.....	2,527	23	31	54	21.36	28	12	8	6	..	
Sharon.....	122	..	..	..	..	..	..	..	..	..	
Temple.....	313	4	7	11	35.11	11	..	..	2	..	
Weare.....	1,553	16	13	29	18.67	20	3	3	2	1	
Wilton.....	1,696	16	13	29	17.09	17	7	2	3	..	
Windsor.....	38	..	..	..	..	..	..	..	..	..	
Total.....	112,640	1,499	1,451	2,950	26.18	827	1516	270	284	53	

\*Born at County Farm 18.

No. 1.—Continued.

the year ending December 31, 1908.

County.

	MARRIAGES.					DEATHS.								
	Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
							Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
.....	1					1	5	10		15	13	1	1	12.18
7		2			1	10	9	8		17	17			12.44
6						6	11	1		12	12			10.45
2						2	3	3		6	6			8.99
2				1		3	10	1		11	10	1		18.15
4						4		5		5	3		2	10.28
3						3	5	5		10	9	1		14.42
7						8	56	48		*104	75	26	3	41.13
3		1				4	6	2		8	6	1	1	13.22
5	3	1	3			12	10	7		17	10	7		10.57
7	1		1			9	8	2		10	5	4	1	15.57
21	1	5	2			29	17	24		41	32	5	4	18.20
6						6	12	5		17	17			18.68
14						14	8	8		16	12	1	3	12.68
.....														
2			1			3	3	11		14	11	2	1	20.40
210	242	80	73			605	555	559	1	†1115	772	337	6	19.56
4	1					5	3	3		6	4	2		16.75
5						5	10	9		19	15	4		15.39
29	5		6			40	22	36		58	48	10		15.51
1						1								
140	89	20	31			250	202	214		†416	316	95	5	17.40
5	1	2	2			10	5	10		15	13	2		14.97
5	1		1			7	12	7		19	15	3	1	20.85
4		1				5	5	7		12	11	1		13.71
8	1	3	3			15	21	25		46	39	6	1	18.20
.....														
3		1				4	2	4		6	5		1	8.19
8			1			9	12	9		21	19	1	1	19.16
3	4	2				9	17	11		28	23	4	1	13.52
.....														
514	350	119	125	1	1,109	1,029	1,035	1	2,065	1,519	514	32		18.33

\*Died at County Farm, 66.

†Died at public institutions, 199.

‡Died at public institutions, 52.

Table  
Births, Marriages, and Deaths for  
Cheshire

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alstead.....	799	9	8	17	21.27	8	6	1	1	2	
Chesterfield.....	981	9	2	11	11.21	8	1	1	1	1	
Dublin.....	620	6	5	11	17.74	4	3	1	2	1	
Fitzwilliam.....	987	12	14	26	26.34	9	15	1	1	1	
Gilsum.....	590	1	4	5	8.47	4	1	1	1	1	
Harrisville.....	791	5	6	11	13.90	5	1	3	2	1	
Hinsdale.....	1,933	33	18	51	26.38	27	17	4	2	1	
Jaffrey.....	1,891	29	32	61	32.25	19	29	4	6	3	
Keene.....	9,165	92	109	201	21.93	135	23	19	23	1	
Marlborough.....	1,524	18	20	38	24.93	21	8	5	3	1	
Marlow.....	488	7	2	9	18.04	6	1	2	1	1	
Nelson.....	295	1	2	3	10.16	3	1	1	1	1	
Richmond.....	459	5	1	6	13.07	4	1	1	1	1	
Rindge.....	855	6	4	10	11.69	8	1	1	1	1	
Roxbury.....	100	2	2	2	20.00	2	1	1	1	1	
Stoddard.....	367	1	4	5	13.62	4	1	1	1	1	
Sullivan.....	287	1	2	3	10.45	2	1	1	1	1	
Surry.....	250	4	2	6	24.00	6	1	1	1	1	
Swanzy.....	1,570	18	15	33	21.01	25	4	1	2	1	
Troy.....	1,527	16	10	26	17.02	7	13	4	1	1	
Walpole.....	2,693	29	47	76	28.22	29	36	9	2	1	
Westmoreland.....	875	4	6	10	11.42	7	1	1	1	2	
Winchester.....	2,274	26	28	54	23.74	38	12	2	2	1	
Total.....	31,321	334	341	675	21.55	381	170	58	52	14	

No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
10		1			11	8	9		17	14	2	1	21.27
4					4	7	2		9	6		3	9.17
2					2	2	4		4	4			6.45
14	2	1			17	18	10		28	19	8	1	28.36
			1		1	2	4		6	5	1		10.16
5					5	6	7		13	11	2		16.44
17	2	1	1		21	19	13		32	26	2	4	16.55
8	3		1		12	10	13		23	18	4	1	12.16
80	7	6	16	1	110	79	80		†159	121	33	5	17.34
6	2		2		10	9	11		20	18	2		13.12
4		1			5	4	4		8	8			16.39
1					1	2	1		3	3			10.16
2					2	3	1		4	3		1	8.71
7			1		8	10	5		15	11	2	2	17.54
1					1	1	3		4	4			10.89
						1	2		3	3			10.45
3					3	1	1		2	2			8.00
12	1				13	15	15		30	30			19.10
6	3				9	12	4		16	12	4		10.47
17	3	3			23	26	24		50	41	8	1	18.56
3					3	15	7		*22	17	4	1	25.14
13	3	1	1		18	25	21		46	41	2	3	20.22
215	26	14	23	1	279	275	239		514	417	74	23	16.41

\*Died at County Farm, 11.

†Died at public institutions, 23.

Table  
Births, Marriages and Deaths for  
Sullivan

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Acworth.....	594	6	9	15	25.25	12	3				
Charlestown.....	1,473	15	10	25	16.97	20	2	2	1		
Claremont.....	6,498	64	75	139	21.39	65	42	15	14	3	
Cornish.....	962	7	8	15	15.59	1	2	1	1		
Croydon.....	372	3	2	5	13.44	3	1	1			
Goshen.....	345	2	3	5	14.49	4	1				
Grantham.....	374	4	1	5	13.36	5					
Langdon.....	339	5	2	7	20.64	5	1	1			
Lempster.....	391	6	4	10	25.57	6	3	1			
Newport.....	3,126	43	35	78	24.95	46	20	4	7	1	
Plainfield.....	1,114	6	6	12	10.77	10		1	1		
Springfield.....	439	5	3	8	18.22	3	2	2	1		
Sunapee.....	946	11	16	27	28.54	20	3	2	2		
Unity.....	572	5	6	11	19.23	5	1	2	2	1	
Washington.....	464	2	2	4	8.62	4					
Total.....	18,099	184	182	366	20.22	219	71	34	34	8	

No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
2					2	5	5		10	8		2	16.84
14	1	2	1		18	12	16		28	23	4	1	19.00
48	11	7	6		72	61	66		*127	97	26	4	19.54
6					6	3	9		12	10	1	1	12.47
3		1			4	2	2		4	4			10.75
1					1	1	3		4	4			14.49
3					3		1		1	1			2.67
1					1	3	3		6	6			17.69
3			1		4	6	3		9	8		1	23.01
35	2	4	* 2		43	31	33		64	54	6	4	20.47
3					3	7	10		17	17			15.26
5					5	6	4		10	10			22.77
7	2		1		10	9	9		18	15	1	2	19.02
3			1		4	7	1		†8	6	1	1	13.98
2			1		3	4	6		10	10			21.55
136	16	14	13		179	157	171		328	273	39	16	18.12

\*Died at public institutions, 14.

†Died at County Farm, 6.



No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
2					2	4	3		7	5	1	1	11.11
16	1	4	2		23	11	10		21	19	2		16.29
6			1		7	7	2		9	7		2	8.94
2					2	1			1	1			4.78
2	1				3	20	6		26	17	7	2	20.61
2					2	2	5		7	6		1	28.68
14		1	1		16	16	10		26	23	3		16.25
8		2			10	6	10		16	14	2		16.01
8		2	2	1	13	13	9		22	20		2	15.23
1					1								
2					2	2			2	1	1		8.03
14		1	3		18	20	6		26	24	1	1	14.09
3		1	1		5	2	7		9	9			13.74
4					4	9	5		14	12		2	18.71
1		1			2	1	4		5	5			14.45
9	1		2		12	23	27		50	42	4	4	26.53
20	2	3	9		43	50	33		83	64	8	11	24.31
2		1			3	1	4		5	4	1		23.36
1					1	10	3		13	13			19.63
2		1	2		5	5	1		6	4		2	12.00
41	2	7	6		56	26	42		68	50	13	5	13.69
4	4		3		11	2	5		7	4	3		12.93
22		4	3		29	25	20		45	41	3	1	20.25
33	3	11	5		52	34	24		58	50	3	5	14.26
2					2	3	3		6	6			14.08
11		4	2		17	16	5		21	17	4		19.44
2					2	6	2		8	8			14.67
3					3	1	2		3	2		1	14.08
12					12	7	5		12	11		1	13.48
1					1	5	3		8	6	2		12.55
20	2	4	1		27	17	24		41	31	7	3	20.78
4					4	7	3		10	8	1	1	11.94
4					4		3		3	2	1		5.43
6					6	8	6		14	9		5	17.52
1					1								
1					1	8	7		15	14	1		24.31
2	1	1	1		5	9	3		12	8	2	2	19.10
297	17	48	44	1	407	377	302	....	679	557	70	52	16.62

Table  
Births, Marriages, and Deaths for  
Coös

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Berlin.....	8,886	253	233	..	486	54.69	47	328	74	34	3
Carroll.....	710	2	3	..	5	7.04	2	1	..	2	..
Clarksville.....	307	1	1	..	2	6.51	2	..	..	..	..
Colebrook.....	1,876	19	21	..	40	21.32	33	1	2	4	..
Columbia.....	690	6	5	..	11	15.94	8	..	1	2	..
Dalton.....	592	3	6	..	9	15.20	7	..	2	..	..
Dummer.....	349	4	2	..	6	17.19	4	1	..	1	..
Errol.....	305	1	2	..	3	9.83	2	..	..	..	1
Gorham.....	1,797	32	29	..	61	33.94	17	20	13	9	2
Jefferson.....	1,080	7	10	..	17	15.74	6	4	4	3	..
Lancaster.....	3,190	27	30	..	57	17.86	30	9	10	7	1
Milan.....	3,135	8	13	..	21	6.69	11	3	6	1	..
Millsfield.....	41	..	..	..	..	..	..	..	..	..	..
Northumberland.....	1,977	36	30	..	66	33.38	35	15	8	6	2
Pittsburg.....	687	3	2	..	5	7.27	3	2	..	..	..
Randolph.....	137	4	1	..	5	36.49	3	..	..	1	1
Shelburne.....	283	9	2	..	11	38.86	6	1	2	2	..
Stark.....	733	6	6	..	12	16.37	7	1	2	2	..
Stewartstown.....	1,150	8	6	..	14	12.17	7	3	3	1	..
Stratford.....	968	12	6	..	18	18.59	10	1	4	1	2
Wentworth Location...	76	1	..	..	1	13.15	1	..	..	..	..
Whitefield.....	2,157	21	11	..	32	14.83	16	7	4	2	3
Total.....	*29,468	463	419	..	882	29.93	257	397	135	78	15

\*Including unincorporated townships and grants.

No. 1.—Continued.

the year ending December 31, 1908.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
44	35	7	24	....	110	102	89	....	*191	130	45	16	21.49
4	.....	2	1	....	7	5	4	....	9	7	2	....	12.67
3	.....	.....	.....	.....	3	2	.....	.....	2	.....	1	1	6.51
19	3	1	5	....	28	17	13	....	30	26	4	....	15.99
1	.....	1	.....	.....	2	5	2	....	7	6	1	....	10.14
3	1	.....	.....	.....	4	8	3	....	11	10	1	....	18.58
3	.....	.....	.....	.....	3	4	1	....	5	5	.....	.....	14.32
5	.....	.....	2	....	7	2	.....	.....	2	1	1	....	6.55
23	3	4	7	....	37	21	9	....	30	22	7	1	16.69
7	1	1	2	....	11	8	5	....	13	10	3	....	12.03
15	4	.....	5	....	24	20	16	....	36	28	4	4	11.28
6	1	.....	.....	.....	7	4	5	....	9	9	.....	.....	2.87
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	3	2	10	....	25	11	17	....	28	20	6	2	14.16
4	.....	.....	.....	.....	4	3	3	....	6	5	.....	1	8.73
1	.....	.....	.....	.....	1	2	1	....	3	2	1	....	21.89
4	.....	.....	1	....	5	.....	2	....	2	2	.....	.....	7.06
2	.....	1	.....	.....	3	6	4	....	10	8	1	1	13.64
6	1	2	1	....	10	22	10	....	†32	21	7	4	27.82
6	.....	.....	1	1	8	9	1	....	10	7	2	1	10.33
2	.....	.....	.....	.....	2	.....	1	....	1	1	.....	.....	.....
15	1	1	3	....	20	20	18	....	38	31	4	3	17.61
183	53	22	62	1	321	271	204	....	475	351	90	34	16.11

\*Died at public institutions, 11.

†Died at the County Farm, 12.

Table  
Births, Marriages, and Deaths for  
Recapitulation

COUNTIES.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Rockingham.....	51,118	541	493	..	1,034	20.20	590	254	76	86	28
Strafford.....	39,337	446	418	..	864	21.96	343	359	76	69	17
Belknap.....	19,526	201	199	..	400	20.48	208	107	35	40	10
Carroll.....	16,895	162	134	..	296	17.52	233	20	23	11	9
Merrimack.....	52,430	462	489	..	951	18.13	455	278	90	109	19
Hillsborough.....	112,640	1,499	1,451	..	2,950	26.18	827	1,516	270	284	53
Cheshire.....	31,321	334	341	..	675	21.55	381	170	58	52	14
Sullivan.....	18,099	184	182	..	366	20.22	219	71	34	34	8
Grafton.....	40,544	457	395	..	852	20.85	508	139	84	95	26
Coös.....	29,468	463	419	..	882	29.93	257	397	135	78	15
Total.....	411,588	4,749	4,521	..	9,270	22.52	4021	3311	881	858	199

No. 1.—*Concluded.*

the year ending December 31, 1908.

by Counties.

MARRIAGES.						DEATHS.							
						Sex.				Nativity.			
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
431	58	69	61	2	621	457	415	....	872	696	124	52	17.05
287	62	53	40	....	442	310	335	....	645	490	121	34	16.39
115	21	22	17	2	177	175	174	....	349	282	50	17	17.87
145	4	12	9	....	170	145	111	....	256	223	14	19	15.15
274	48	33	36	2	393	516	462	....	978	801	138	39	18.65
514	350	119	125	1	1,109	1,029	1,035	1	2,065	1,519	514	32	18.33
215	26	14	23	1	279	275	239	....	514	417	74	23	16.41
136	16	14	13	....	179	157	171	....	328	273	39	16	18.12
297	17	48	44	1	407	377	302	....	679	557	70	52	16.62
183	53	22	62	1	321	271	204	....	475	351	90	34	16.11
2,597	655	406	430	10	4,098	3,712	3,448	1	7,161	5,609	1,234	318	17.39

Table  
Births by Sex and

COUNTIES.		January.	February.	March.	April.	May.
Rockingham.....	Males.....	45	53	45	40	56
	Females.....	37	42	44	47	37
	Not stated.....					
Strafford.....	Males.....	29	45	52	26	31
	Females.....	35	33	42	32	36
	Not stated.....					
Belknap.....	Males.....	24	19	20	19	17
	Females.....	11	10	17	22	20
	Not stated.....					
Carroll.....	Males.....	13	6	15	14	15
	Females.....	8	14	13	9	12
	Not stated.....					
Merrimack.....	Males.....	31	28	49	46	42
	Females.....	39	33	36	40	55
	Not stated.....					
Hillsborough.....	Males.....	128	111	139	125	123
	Females.....	136	113	135	114	124
	Not stated.....					
Cheshire.....	Males.....	21	28	25	26	21
	Females.....	20	27	25	32	21
	Not stated.....					
Sullivan.....	Males.....	6	9	13	23	15
	Females.....	12	20	20	18	9
	Not stated.....					
Grafton.....	Males.....	51	34	27	41	32
	Females.....	42	30	28	32	36
	Not stated.....					
Coös.....	Males.....	34	34	44	48	39
	Females.....	42	32	41	32	46
	Not stated.....					
Total.....	Males.....	382	367	429	408	391
	Females.....	382	354	401	378	396
	Not stated.....					
Grand total.....		764	721	830	786	787

No. 2.

Month, by Counties, 1908.

June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
50	55	53	39	44	31	30	.....	541	.....
39	41	43	40	44	44	35	.....	493	1,034
38	43	36	44	39	30	33	.....	446	.....
32	38	38	30	39	35	28	.....	418	864
15	18	11	14	13	12	19	.....	201	.....
17	26	19	11	11	13	22	.....	199	400
11	17	17	16	19	10	9	.....	162	.....
17	4	12	14	9	7	15	.....	134	296
43	41	37	40	39	29	37	.....	462	.....
26	43	45	46	49	34	43	.....	489	951
119	156	106	118	127	126	121	.....	1,499	.....
135	133	134	111	111	92	113	.....	1,451	2,950
34	31	38	41	22	17	30	.....	334	.....
29	30	30	21	38	37	31	.....	341	675
26	20	16	11	13	10	22	.....	184	.....
16	15	11	21	11	16	13	.....	182	366
34	47	28	41	36	39	47	.....	457	.....
38	45	28	40	24	27	25	.....	395	852
39	38	37	41	33	35	41	.....	463	.....
36	53	25	25	27	32	28	.....	419	882
409	466	379	405	385	339	389	.....	4,749	.....
385	428	385	359	363	337	353	.....	4,521	.....
794	894	764	764	748	676	742	.....	9,270	9,270

Table

## Births showing age of mother,

NUMBER OF CHILD.	Under 15.			15 to 20.			20 to 25.			25 to 30.			30 to 35.		
	American.	Foreign.	Not stated.												
1st.....	5			425	125	4	615	409	3	336	194	2	115	94	1
2d.....				109	34	2	489	287	2	318	264	1	175	107	
3d.....				19	4		315	150	6	254	261		172	124	1
4th.....				1	2		96	88	1	167	180	1	127	131	1
5th.....				1			27	29		83	117	2	96	125	1
6th.....							3	6		31	53	1	86	140	
7th.....							3	1		9	19	1	45	92	
8th.....										15	15	1	34	62	1
9th.....										5	8		18	33	
10th.....											3		9	25	
11th.....													6	17	
12th.....											1		2	2	
13th.....													2	1	
14th.....														1	
15th.....														1	
16th.....											1				
17th.....															
18th.....														1	
19th.....															
Not stated..				4	3		7	2	1	4	8	1	5	7	
Total.....	5			559	168	6	1,555	972	13	1,222	1,124	10	892	963	5

No. 3.

## Number of Child, by Nationality, 1908.

35 to 40.			40 to 45.			45 to 50.			Over 50.			Not stated.			Total.			Grand total.
American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.										
49	17	...	7	3	...	...	2	...	...	...	...	15	4	1	1567	848	11	2426
55	33	1	16	7	...	1	...	...	...	...	...	16	5	3	1179	737	9	1925
102	30	...	14	8	...	...	2	...	...	...	...	13	4	3	889	583	10	1482
67	61	1	17	10	...	1	1	...	...	...	...	5	9	...	481	482	4	967
59	68	...	15	17	...	3	1	...	...	...	...	8	1	1	292	358	4	644
55	58	1	18	19	...	3	1	...	...	...	...	4	4	1	200	281	3	484
44	74	2	25	19	...	1	...	...	...	...	...	...	3	...	127	208	3	338
30	65	...	15	23	1	2	4	...	...	...	...	3	...	...	99	169	3	271
26	68	...	12	19	...	...	2	...	...	...	...	...	...	...	61	130	...	191
16	59	1	10	30	1	...	...	...	...	...	...	1	3	...	36	122	2	160
7	30	...	5	30	...	...	4	...	...	...	...	...	...	...	18	81	...	95
16	28	...	7	18	...	...	1	...	...	...	...	...	...	...	25	50	...	75
3	16	...	3	14	1	1	1	...	...	...	...	...	...	...	9	32	1	42
3	9	...	1	10	...	...	3	...	...	...	...	1	1	...	5	24	...	29
1	6	...	...	7	...	1	1	...	...	...	...	1	...	...	3	15	...	18
1	1	...	2	5	...	...	1	...	...	...	...	...	...	...	3	8	...	11
...	...	...	1	4	...	1	1	...	...	...	...	...	...	...	2	6	...	8
...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	7	...	7
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
8	4	...	1	3	...	...	1	...	...	...	...	10	10	3	39	38	5	82
542	628	6	169	252	3	14	28	...	...	...	...	77	45	12	5,035	4,180	55	9,270

## REGISTRATION REPORT.

Table No. 4.—1908.

AGES OF GROOMS.	AGES OF BRIDES.												No. of grooms.				
	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.	70 to 75.		75 to 80.	Over 80.	Not stated.	
Under 20.....	*155	51	1	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	211
20 to 25.....	†578	754	135	26	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,499
25 to 30.....	‡217	418	299	65	21	3	3	1	.....	.....	.....	.....	.....	.....	.....	.....	1,026
30 to 35.....	55	145	153	108	41	7	2	1	.....	.....	.....	.....	.....	.....	.....	.....	512
35 to 40.....	19	38	68	64	53	23	6	2	1	.....	.....	.....	.....	.....	.....	.....	274
40 to 45.....	4	17	22	32	38	33	9	3	4	.....	.....	.....	.....	.....	.....	.....	164
45 to 50.....	1	7	16	23	24	31	26	6	2	.....	.....	.....	.....	.....	.....	.....	136
50 to 55.....	.....	3	9	13	20	21	18	12	4	4	.....	.....	.....	.....	.....	.....	103
55 to 60.....	1	4	3	2	6	16	9	4	9	5	.....	.....	.....	.....	.....	.....	59
60 to 65.....	.....	1	3	5	7	7	7	12	8	3	1	1	.....	.....	.....	.....	55
65 to 70.....	.....	.....	.....	1	1	3	6	10	4	5	3	.....	.....	.....	.....	.....	33
70 to 75.....	.....	1	.....	.....	1	2	1	2	3	4	1	1	.....	.....	.....	.....	16
75 to 80.....	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	4
Over 80.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Not stated.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6
No. of brides.....	1,031	1,439	709	343	219	146	89	51	36	22	5	2	.....	.....	.....	.....	4,098

\*One, fourteen years of age; two, fifteen.

†One, thirteen years of age; three, fourteen years of age; eleven, fifteen.

‡Six, fifteen years of age.

Table No. 5.  
Still Births, by Sex, Parentage, and Months, by Counties, 1908.

COUNTIES.	SEX.		PARENTAGE.						MONTHS.																	
	Male.	Female.	Both American.		Both foreign.		American mother and foreign father.		American father and foreign mother.		Not stated.		Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.
			Not stated.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	Not stated.																	
Rockingham.....	25	21	1	27	12	4	1	3	47	6	6	3	4	3	5	6	6	5	6	2	3	3	4	4	2	...
Strafford.....	19	16	...	17	10	3	5	...	35	3	2	4	4	4	3	3	3	3	7	3	...	1	4	4	1	...
Belknap.....	9	5	...	6	2	1	4	1	14	...	2	2	2	2	1	1	...	...	...	...	...	2	3	3	1	...
Carrroll.....	4	4	...	7	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Merrimack.....	29	17	4	28	10	4	5	3	50	3	1	5	7	5	5	5	5	5	5	6	1	3	7	2	...	...
Hillsborough.....	134	83	5	48	114	21	29	10	222	22	13	28	15	18	9	13	18	9	15	18	15	26	29	14	...	...
Cheshire.....	24	16	1	22	13	3	3	...	41	4	3	5	3	5	3	4	3	...	...	...	...	6	5	...	...	...
Sullivan.....	11	10	...	1	2	5	3	1	21	1	1	1	4	...	...	...	...	...	...	...	2	1	1	1	...	...
Grafton.....	26	19	1	33	2	6	3	2	46	2	3	5	5	1	3	5	2	5	5	2	5	6	4	5	...	...
Cods.....	22	14	...	10	17	5	2	2	36	4	1	3	6	...	...	...	...	...	...	...	8	1	1	3	...	...
Total.....	303	205	12	210	185	47	55	23	520	45	32	61	45	41	32	48	43	36	49	58	30	...	...	...	...	...

BIRTHS.

DIVORCES.

Table No. 6.

Divorces Decreed by the Supreme Court of New Hampshire, in the year 1908, as returned by the Clerks of the Several Counties.

COUNTIES.	CAUSES OF DIVORCE.												LIBELLANTS.			Total of each county.				
	Conviction of crime and imprisonment.	Abandonment.	Abandonment and adultery.	Absent three years and habitual drunkenness.	Adultery.	Desertion.	Extreme cruelty.	Extreme cruelty and willing absence.	Extreme cruelty and habitual drunkenness.	Treatment injurious to health and adultery.	Habitual drunkenness.	Impotency.	Willing absence and refusal to cohabit.	Treatment injurious to health.	Nullity.		Treatment injurious to health and to reason.	Willing absence three years.	Males.	Females.
Rockingham.....	38				6	29				2				7	1		3	25	61	86
Strafford.....	13				6	8			1	1				3			5	17	34	51
Bellnap.....	8				10	1			2					9				10	28	38
Carroll.....	3				10	7				6				7				12	23	35
Merrimaek.....	6			2	9	0				6				1			5	17	32	49
Hillsborough.....	1	62	1		16	33	2	7	1	9				15		9	9	53	103	156
Cheshire.....	15	2			4	7			2					4		2		14	22	36
Sullivan.....	1				4	9			1	1				3				6	19	25
Grafton.....	22				15	2	23		1	3				8	2			31	47	78
Cous.....	5				3	1								1			1	2	13	15
Total.....	1173	3	2	83	6	133	3	12	2	30			39	50	4	2	25	187	382	569

## CAUSES OF DEATH.

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### INTERNATIONAL CLASSIFICATION.

In the following tables the causes of death are arranged according to the International Classification of the Causes of Death.

The International Classification has been adopted by all the Americas and a greater part of Europe. The United States Bureau of the Census uses it in its statistical compilation of the causes of death, and it has been accepted by practically all of the registration states of the country.

Table

Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	I. GENERAL DISEASES.																														
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.							
Atkinson.....																															
Auburn.....																															1
Brentwood.....																															3
Candia.....																															1
Chester.....																															1
Danville.....																															
Deerfield.....																															
Derry.....							4	1								1														9	
East Kingston.....																															
Epping.....																															1
Exeter.....																															
Fremont.....	2																														5
Greenland.....																															
Hampstead.....	1																														
Hampton.....																															
Hampton Falls.....																															1
Kensington.....																															
Kingston.....	1																														
Londonderry.....																															
Newcastle.....																															
Newfields.....	1																														
Newington.....																															
Newmarket.....																															
Newton.....																															
North Hampton.....																															
Northwood.....	1																														
Nottingham.....																															
Plaistow.....																															
Portsmouth.....																															
Raymond.....	2																														
Rye.....																															
Salem.....																															
Sandown.....																															
Seabrook.....	4																														
South Hampton.....																															
Stratham.....																															
Windham.....																															
Total.....	12					3	9	3	4		2	4			5												3	68	4	5	



Table

## Causes of Deaths arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Atkinson.....			2							1							
Auburn.....																	
Brentwood.....			2						1	1							
Candia.....	1																
Chester.....	1				4												
Danville.....					3												
Deerfield.....					3												
Derry.....	1				4		3	1									
East Kingston.....					1							1					
Epping.....					2							1					
Exeter.....	4				2		1				1						
Fremont.....																	
Greenland.....												1					
Hampstead.....															1		
Hampton.....							1								1		
Hampton Falls.....			1														
Kensington.....																	
Kingston.....					2		2	1									
Londonderry.....	1				1							1					
Newcastle.....					1												
Newfields.....							1					1					
Newington.....																	
Newmarket.....	1	7					2										
Newton.....	1				1		2										
North Hampton.....	1							1									
Northwood.....					3		2										
Nottingham.....					2			1								1	
Plaistow.....					2			1									
Portsmouth.....	2				1	15	5					2					
Raymond.....					3							1			1		
Rye.....							1	1									
Salem.....																	
Sandown.....																	
Seabrook.....	2																
South Hampton.....							1										
Stratham.....																	
Windham.....																	
Total.....	1 21		3 1	54	1	20	4	2	2	2	1	8			5		



Table

## Causes of Deaths arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Atkinson.....																				
Auburn.....																				
Brentwood.....					2				1						1					
Candia.....						1														
Chester.....					1															
Danville.....						1							1							
Deerfield.....					1															
Derry.....				1		6	1						2		2					
East Kingston.....																				
Epping.....						2							1							
Exeter.....				1	1	2	1						2					1		1
Fremont.....																				
Greenland.....																				
Hampstead.....																				
Hampton.....						1	1													
Hampton Falls.....									2											
Kensington.....																				
Kingston.....						2														
Londonderry.....						2									1			1		
Newcastle.....																				
Newfields.....																				
Newington.....						1														
Newmarket.....						7			1		1									
Newton.....																				
North Hampton.....							1													
Northwood.....					1															
Nottingham.....												1								1
Plaistow.....									1											
Portsmouth.....						7	1						2	1						4
Raymond.....					1				1						1					4
Rye.....																				
Salem.....					1		2													
Sandown.....						3														
Seabrook.....					1															
South Hampton.....																				
Stratham.....																				
Windham.....							1													
Total.....	2	9	36	8	6	1	10	1	4	9	6	1	10	1	4	9	6	1	10	1

No. 7.—Continued.

Counties, 1908.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.	.....	.....	.....
120. Bright's disease.	.....	.....	.....
121. Other diseases of the kidneys.	.....	.....	.....
122. Calculi of the urinary tract.	.....	.....	.....
123. Diseases of the bladder.	.....	.....	.....
124. Diseases of the urethra.	.....	.....	.....
125. Diseases of the prostate.	.....	.....	.....
126. Non-venereal diseases of the male genital organs.	.....	.....	.....
127. Metritis.	.....	.....	.....
128. Uterine hemorrhage (non-puerperal).	.....	.....	.....
129. Uterine tumor.	.....	.....	.....
130. Other diseases of the uterus.	.....	.....	.....
131. Cysts and other tumors of the ovary.	.....	.....	.....
132. Other diseases of the female genital organs.	.....	.....	.....
133. Non-puerperal diseases of the breast.	.....	.....	.....
134. Accidents of pregnancy.	.....	.....	.....
135. Puerperal hemorrhage.	.....	.....	.....
136. Other accidents of labor.	.....	.....	.....
137. Puerperal septicemia.	.....	.....	.....
138. Puerperal albuminuria and convulsions.	.....	.....	.....
139. Phlegmasia alba dolens (puerperal).	.....	.....	.....
140. Other puerperal accidents.	.....	.....	.....
141. Puerperal diseases of the breast.	.....	.....	.....
3	45	4	1

Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Atkinson.....												
Auburn.....										2		
Brentwood.....			1							1		
Candia.....									1			
Chester.....												
Danville.....										3		
Deerfield.....										3		
Derry.....										3	1	
East Kingston.....												
Epping.....										5		
Exeter.....												
Fremont.....									1			
Greenland.....										1		
Hampstead.....												
Hampton.....										1		
Hampton Falls.....												
Kensington.....												
Kingston.....										2		
Londonderry.....									2	2		
Newcastle.....										1		
Newfields.....												
Newington.....										1		
Newmarket.....									1	1		
Newton.....												
North Hampton.....												
Northwood.....											1	
Nottingham.....										1		
Plaistow.....												
Portsmouth.....									2	10		1
Raymond.....												
Rye.....									1	1		
Salem.....										1		
Sandown.....												
Seabrook.....									1	1		
South Hampton.....												
Stratham.....												
Windham.....											1	
Total.....		1							9	38	3	1



Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	I. GENERAL DISEASES.																																
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.									
Barrington.....																															3	..	
Dover.....	7					1			5							3														26	3	..	
Durham.....																														2		..	
Farmington.....								1																						3	1	..	
Lee.....																																..	
Madbury.....									1																							..	
Middleton.....																																..	
Milton.....	1															1														1	..		
New Durham.....	1																													1	1	..	
Rochester.....									3			1				1														10	1	..	
Rollinsford.....									1																					1	1	1	..
Somersworth.....							1	1				1																		6		..	
Strafford.....																														2		..	
Total.....	9					1	1	2	13			2				5													1	55	7	1	



Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Barrington.....					1													
Dover.....	1	2			17		4	1				3				3	1	
Durham.....							1											
Farmington.....					3		1		1	1		2						
Lee.....					1		1											
Madbury.....							1											
Middleton.....																		
Milton.....		2			2											1		
New Durham.....							1									2		
Rochester.....		4			10		2	1		1		1						
Rollinsford.....					5		1											
Somersworth.....	1	1			1	8	1		1		1	1						
Strafford.....					3	1	1		1							1		
Total.....	2	9			150	1	14	2	1	4		7			7	1		



Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Barrington.....						1														
Dover.....			1	1	12	2		4				1	2							2
Durham.....					1															
Farmington.....															1					
Lee.....																				
Madbury.....						1									1					
Middleton.....						1	1													
Milton.....						4														
New Durham.....						1						1								
Rochester.....				3	5	1														
Rollinsford.....				1	3															
Somersworth.....					18	1		2				1					1			
Strafford.....																				
Total.....		1	6	46	5	5		6			3	4	1	1	1	1	1		2	



Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Barrington . . . . .												
Dover . . . . .	2								2	8	1	1
Durham . . . . .												
Farmington . . . . .												
Lee . . . . .												
Madbury . . . . .												
Middleton . . . . .												
Milton . . . . .									1	2		
New Durham . . . . .												
Rochester . . . . .	1								1	7		
Rollinsford . . . . .										3		
Somersworth . . . . .									1	11	2	1
Strafford . . . . .												
Total . . . . .	3								5	31	3	2



Table

Cause of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	I. GENERAL DISEASES.																																
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.									
Alton.....									2																								1
Barnstead.....																																1	
Belmont.....							2					1																					
Centre Harbor.....																																	
Gilford.....																																1	
Gilmanton.....								1																									
Laconia.....						1		1				2																		20		1	
Meredith.....																														3			
New Hampton.....					1							1																					
Sanbornton.....							1							1																1		1	
Tilton.....																																	1
Total.....				1		4	4	4		4		4		1															27		3		



Table  
Causes of Death by Towns and

TOWNS IN BELKNAP COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over.)	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Alton.....					1		1											
Barnstead.....					1											1		
Belmont.....					1		2											
Centre Harbor.....					1													
Gilford.....					3													
Gilmanton.....					1													
Laconia.....	4				11	1	8				1	2						
Meredith.....					2		1	1										
New Hampton.....					1		1					1				1		
Sanbornton.....					3	1	1											
Tilton.....					1	2	3											
Total.....	4			2	26	2	17	1			1	3				2		

No. 7—Continued.

Counties, 1908.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.										
77. Pericarditis.										87. Laryngitis.										
78. Acute endocarditis.										88. Other diseases of the larynx.										
79. Organic diseases of the heart.										89. Diseases of the thyroid body.										
80. Angina pectoris.										90. Acute bronchitis.										
81. Diseases of the arteries.										91. Chronic bronchitis.										
82. Embolism and thrombosis.										92. Broncho-pneumonia.										
83. Diseases of the veins.										93. Pneumonia.										
84. Diseases of the lymphatic system.										94. Pleurisy.										
85. Hemorrhages.										95. Congestion and apoplexy of the lungs.										
86. Other diseases of the circulatory system.										96. Gangrene of the lungs.										
										97. Asthma.										
										98. Pulmonary emphysema.										
										99. Other diseases of the respiratory system.										
	1										1	4							1	
	2																			
	3										1	1	1							
	2												1							
	2			1									3							
	3										1	1	6							
	8	1	1								1	1	8	1						
	4										1	1	2	1						
	1												1							
	3																			
	2			3									2	1						
	31	1	1	4							3	3	28	1	3				1	

Table  
Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Alton . . . . .					1				1						1				
Barnstead . . . . .					1									1	1		1		
Belmont . . . . .					1														
Centre Harbor . . . . .																			
Gilford . . . . .						1													
Gilmanton . . . . .																			
Laconia . . . . .					6	9			2						1		2		1
Meredith . . . . .					2	4													
New Hampton . . . . .																			
Sanbornton . . . . .					1														
Tilton . . . . .									2										
Total . . . . .					12	14			5					1	3		3		1



Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Alton.....												
Barnstead.....												
Belmont.....										1		
Centre Harbor.....												
Gilford.....												
Gilmanton.....	1											
Laconia.....									1	6		
Meredith.....									1		1	
New Hampton.....												
Sanbornton.....												
Tilton.....									2			
Total.....	1								4	7	1	



Table

Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	I. GENERAL DISEASES.																								
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Military fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.	
Albany.....																									
Bartlett.....																1							1		
Brookfield.....																						1			
Chatham.....																									
Conway.....									1							1						3		1	
Eaton.....																									
Effingham.....									1													2			
Freedom.....									1													1			
Hart's Location.....																									
Jackson.....																						1			
Madison.....																						1			
Moultonborough.....																									
Ossipee.....											1											2			
Sandwich.....							1		2							1							1		
Tamworth.....																						2			
Tuftonborough.....																						1			
Wakefield.....									1													3			
Wolfeboro.....														1								3			
Total.....							1		6		1		1		3							21	1	1	



Table  
Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Albany.....																	1
Bartlett.....					2												
Brookfield.....																	
Chatham.....																	
Conway.....	1			2								1					
Eaton.....																	
Effingham.....					3		1	1									
Freedom.....	1				1												
Hart's Location.....																	
Jackson.....	1				1												
Madison.....																	
Moultonborough.....			1	1													
Ossipee.....					2						1						
Sandwich.....												1					
Tamworth.....																	1
Tuftonborough.....					1												
Wakefield.....	2				2												
Wolfeboro.....	1				1												
Total.....	6		1	16		1	1				1	2					2



Table  
Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Albany .....							1													
Bartlett .....																				
Brookfield .....																				
Chatham .....																				
Conway .....					1	1	1													
Eaton .....					1															
Effingham .....					1															
Freedom .....																				
Hart's Location .....																				
Jackson .....																				
Madison .....							1													
Moultonborough .....				1				1												
Ossipee .....					1															
Sandwich .....			1																	1
Tamworth .....																				
Tuftonborough .....		1																1		1
Wakefield .....					1															
Wolfeboro .....					1	1														
Total .....	1	1	1		6	4	2										1			2



Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.		XI. EARLY INFANCY.	
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.	150. Congenital malformations.	151. Congenital debility, icterus and aslerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Albany...												
Bartlett .....									1	2	1	
Brookfield .....												
Chatham .....												
Conway .....									2	1		
Eaton .....												
Effingham .....										1		
Freedom .....												
Hart's Location .....												
Jackson .....									1			
Madison .....												
Moultonborough .....												
Ossipee .....									1	1		
Sandwich .....												
Tamworth .....												
Tuftonborough .....												1
Wakefield .....										1		
Wolfeboro .....									1			
Total .....									6	6	1	1







Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Allenstown.....						2												
Andover.....							2	1										
Boscawen.....						5		2			1							
Bow.....								1										
Bradford.....						4		1	1									
Canterbury.....						5		1	1									
Chichester.....						2												
Concord.....	6		1	31		8	14	6	4							3		
Danbury.....																		
Dunbarton.....																		
Epsom.....					1													
Franklin.....	3				9		2									1		
Henniker.....	1				2		1									1		
Hill.....	1				3													
Hooksett.....																		
Hopkinton.....		1				8		3										
Loudon.....																		
Newbury.....																		
New London.....						2												
Northfield.....			1															
Pembroke.....		1			1							1				1		
Pittsfield.....		1			4		2	1					1	1				
Salisbury.....																		
Sutton.....					1		1											
Warner.....					3		3		1							1		
Webster.....					4													
Wilnot.....					1													
Total.....	14	1	1	90	2	26	16	7	6		3	1			7			



Table  
Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over.)	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Allenstown .....	1				1	4														
Andover .....						1														
Boscawen .....					1	3														
Bow .....						3			1											
Bradford .....					1															
Canterbury .....																				
Chichester .....																				
Concord .....		2			1	7	10		5				1		2	1				1
Danbury .....					1		1													
Dunbarton .....																				
Epsom .....						1														
Franklin .....					1	5	2													
Henniker .....													1							1
Hill .....														1						
Hooksett .....					1	1														
Hopkinton .....					1	1	1		3											
Loudon .....													1							
Newbury .....																				
New London .....					2															
Northfield .....									1											
Pembroke .....						3			2											
Pittsfield .....						2	4						2							
Salisbury .....									1				1							
Sutton .....							1		1											
Warner .....													2							
Webster .....																				
Wilmot .....							1						1							
Total .....	1	2	10	30	20		14		1	8	1	4	1	1						3

No. 7.—Continued.

Counties, 1908.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.			
120. Bright's disease.			
121. Other diseases of the kidneys.	4		
122. Calculi of the urinary tract.	1		
123. Diseases of the bladder.	1		
124. Diseases of the urethra.	2		
125. Diseases of the prostate.	1		
126. Non-venereal diseases of the male genital organs.	1		
127. Meatitis.			
128. Uterine hemorrhage (non-puerperal).			
129. Uterine tumor.	1		
130. Other diseases of the uterus.			
131. Cysts and other tumors of the ovary.			
132. Other diseases of the female genital organs.			
133. Non-puerperal diseases of the breast.			
134. Accidents of pregnancy.			
135. Puerperal hemorrhage.			
136. Other accidents of labor.			
137. Puerperal septicemia.	2		
138. Puerperal albuminuria and convulsions.	1		
139. Phlegmasia alba dolens (puerperal).			
140. Other puerperal accidents.			
141. Puerperal diseases of the breast.			
11	51	1 1 5	3

Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Allenstown .....					1					3	1	.....
Andover .....												.....
Boscawen .....												.....
Bow .....												.....
Bradford .....												.....
Canterbury .....	1									1		.....
Chichester .....												1
Concord .....	1			1					2	15		.....
Danbury .....												.....
Dunbarton .....	1											.....
Epsom .....												.....
Franklin .....									1	1		.....
Henniker .....	1											.....
Hill .....												.....
Hooksett .....												.....
Hopkinton .....					1							.....
Loudon .....												.....
Newbury .....									1	1		.....
New London .....												.....
Northfield .....										1		.....
Pembroke .....										3		.....
Pittsfield .....										2		.....
Salisbury .....												.....
Sutton .....	1											.....
Warner .....												.....
Webster .....												.....
Wilmot .....												.....
Total .....	5			1	2				4	27	1	1







Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Amherst.....						5						1						
Antrim.....							1											
Bedford.....						1												
Bennington.....																		
Brookline.....						1						1						
Deering.....						1												
Francestown.....						1												
Goffstown.....		2		1		6	4	1	2	1						1		
Greenfield.....						1										1		
Greenville.....						2	1											
Hancock.....																		
Hillsborough.....						5	1									1		
Hollis.....						3												
Hudson.....		1				3												
Litchfield.....																		
Lyndeborough.....									1									
Manchester.....	3	45		2	2	56	10	2		1		16	1			5		
Mason.....																		
Merrimack.....		1				2												
Milford.....				1	2	5	1					1						
Mont Vernon.....																		
Nashua.....		14		1		21	11			1		6				2		
New Boston.....						3												
New Ipswich.....												1						
Pelham.....		1				1												
Peterborough.....						2	1	3										
Sharon.....						1												
Temple.....						3	1											
Weare.....						4												
Wilton.....		1				5												
Windsor.....																		
Total.....	3	65		3	6	132	3	33	3	2	3	26	1			10		

No. 7.—Continued.

Counties, 1908.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.					IV. DISEASES OF THE RESPIRATORY SYSTEM.											
77. Pericarditis.					77. Laryngitis.											
78. Acute endocarditis.					78. Other diseases of the larynx.											
79. Organic diseases of the heart.					79. Diseases of the thyroid body.											
80. Angina pectoris.					80. Acute bronchitis.											
81. Diseases of the arteries.					81. Chronic bronchitis.											
82. Embolism and thrombosis.					82. Broncho-pneumonia.											
83. Diseases of the veins.					83. Pneumonia.											
84. Diseases of the lymphatic system.					84. Pleurisy.											
85. Hemorrhages.					85. Congestion and apoplexy of the lungs.											
86. Other diseases of the circulatory system.					86. Gangrene of the lungs.											
					87. Asthma.											
					88. Pulmonary emphysema.											
					89. Other diseases of the respiratory system.											
1	25	166	12	15	14	2	3	5	53	9	30	112	7	18	5	3

Table  
Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under two years).	106. Diarrhoea and enteritis (two years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Amherst.....							1													
Antrim.....																				
Bedford.....	1						1													
Bennington.....						2														
Brookline.....																				
Deering.....																				
Francestown.....																				
Goffstown.....			1	2	2	2	1		1			1		1	1	1	1			
Greenfield.....																				
Greenville.....			1	1	3										1					
Hancock.....								1												
Hillsborough.....				1	2															
Hollis.....				1													2			
Hudson.....							1													
Litchfield.....																				
Lyndeborough.....																				
Manchester.....	2	1	20	122	11	10			2		2	5	3		1	2			3	
Mason.....																				
Merrimack.....									1											
Milford.....			3	1	1						1		1							
Mont Vernon.....																				
Nashua.....		1	4	25	3	4			1					1	3				1	
New Boston.....																				
New Ipswich.....				5																
Pelham.....				1																
Peterborough.....				2																
Sharon.....																				
Temple.....																				
Weare.....															1					
Wilton.....					2										1					
Windsor.....																				
Total.....	3	4	32	167	19	15	5	6	5	11	15	4								

No. 7.—Continued.

Counties, 1908.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.	1		
120. Bright's disease.	1		
121. Other diseases of the kidneys.	1		
122. Calculi of the urinary tract.	1		
123. Diseases of the bladder.	1		
124. Diseases of the urethra.	2		
125. Diseases of the prostate.	1		
126. Non-venereal diseases of the male genital organs.	1		
127. Metritis.			
128. Uterine hemorrhage (non-puerperal).	1		
129. Uterine tumor.	1		
130. Other diseases of the uterus.			
131. Cysts and other tumors of the ovary.	2		
132. Other diseases of the female genital organs.	1		
133. Non-puerperal diseases of the breast.			
134. Accidents of pregnancy.			
135. Puerperal hemorrhage.	1		
136. Other accidents of labor.	1		
137. Puerperal septicemia.	1		
138. Puerperal albuminuria and convulsions.	1		
139. Phlegmasia alba dolens (puerperal).			
140. Other puerperal accidents.	1		
141. Puerperal diseases of the breast.			
20	89	10	4

Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and solemia.	152. Other diseases peculiar to early infancy.
Amherst . . . . .												
Antrim . . . . .												
Bedford . . . . .										1		
Bennington . . . . .												
Brookline . . . . .									1	1		
Deering . . . . .												
Francesstown . . . . .										2		
Goffstown . . . . .									2	1		1
Greenfield . . . . .									1			
Greenville . . . . .										2		
Hancock . . . . .												
Hillsborough . . . . .	1								2	1		
Hollis . . . . .										1		
Hudson . . . . .										1		1
Litchfield . . . . .										1		
Lyndeborough . . . . .												
Manchester . . . . .	3		1		1				17	86		3
Mason . . . . .												
Merrimack . . . . .									1	1		
Milford . . . . .			1							5		
Mont Vernon . . . . .												
Nashua . . . . .	1			1	1				13	34	2	
New Boston . . . . .										1		
New Ipswich . . . . .	1									1		
Pelham . . . . .									1			
Peterborough . . . . .									1	4		
Sharon . . . . .												
Temple . . . . .									1			
Weare . . . . .									1	1		
Wilton . . . . .									1	1		
Windsor . . . . .												
Total . . . . .	6		2	1	2				41	144	2	5







Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Alstead.....	1				2													
Chesterfield.....	1				1													
Dublin.....																		
Fitzwilliam.....	1				2													
Gilsum.....					2													
Harrisville.....																		
Hinsdale.....					4		1											
Jaffrey.....					1					1			1					
Keene.....	1	3			1	5	4	1	1				3	1	1		4	
Marlborough.....							2											
Marlow.....						2												
Nelson.....																		
Richmond.....					1													
Ridge.....																		
Roxbury.....																		
Stoddard.....					1													
Sullivan.....							1											
Surry.....																		
Swanzy.....							1											
Troy.....					1								2					
Walpole.....		1			2		3						1					
Westmoreland.....										1								
Winchester.....					6		1	1	1	1								
Total.....	1	7			1	30	13	2	1	3			7	1	1		4	

No. 7.—Continued.

Counties, 1908.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.									
77. Pericarditis.																			
78. Acute endocarditis.	1																		
79. Organic diseases of the heart.		1	3	1															
80. Angina pectoris.																			
81. Diseases of the arteries.																			
82. Embolism and thrombosis.																			
83. Diseases of the veins.																			
84. Diseases of the lymphatic system.																			
85. Hemorrhages.																			
86. Other diseases of the circulatory system.																			
87. Laryngitis.																			
88. Other diseases of the larynx.																			
89. Diseases of the thyroid body.																			
90. Acute bronchitis.																			
91. Chronic bronchitis.																			
92. Broncho-pneumonia.																			
93. Pneumonia.																			
94. Pleurisy.																			
95. Congestion and apoplexy of the lungs.																			
96. Gangrene of the lungs.																			
97. Asthma.																			
98. Pulmonary emphysema.																			
99. Other diseases of the respiratory system.																			
	3	3	62	2	12	1													
										1	7	1	8	34			5		

Table  
Causes of Deaths arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Alstead . . . . .						1												1	1
Chesterfield . . . . .																			
Dublin . . . . .																			
Fitzwilliam . . . . .					1														
Gilsom . . . . .																			
Harrisville . . . . .						2	1												
Hinsdale . . . . .					1	2	1												
Jaffrey . . . . .					1	1			1										
Keene . . . . .					4	3	1		2			3							1
Marlborough . . . . .						1													
Marlow . . . . .																			
Nelson . . . . .																			
Richmond . . . . .																			
Rindge . . . . .						1													
Roxbury . . . . .																			
Stoddard . . . . .																			
Sullivan . . . . .																			
Surry . . . . .																			
Swanzy . . . . .						1	1												
Troy . . . . .						2													
Walpole . . . . .						5													1
Westmoreland . . . . .					1					1									
Winchester . . . . .						2	2							1					
Total . . . . .					8	21	6		3	1		3		1	1	5			3



Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Alstead . . . . .												
Chesterfield . . . . .									1			
Dublin . . . . .									1	1		
Fitzwilliam . . . . .										2		
Gilsum . . . . .												
Harrisville . . . . .										1		
Hinsdale . . . . .										2		
Jaffrey . . . . .										4		
Keene . . . . .	1				1				3	6	2	2
Marlborough . . . . .									1	3		
Marlow . . . . .										1		
Nelson . . . . .												
Richmond . . . . .												
Rindge . . . . .										1		
Roxbury . . . . .												
Stoddard . . . . .												
Sullivan . . . . .												
Surry . . . . .												
Swanzy . . . . .									1			
Troy . . . . .												
Walpole . . . . .										5	1	
Westmoreland . . . . .	1									1		
Winchester . . . . .					1				1	1		
Total . . . . .	2				2				8	28	3	2



Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	I. GENERAL DISEASES.																														
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.							
Acworth.....																															
Charlestown.....			1																												
Claremont.....	1					2	1					1																	12		
Cornish.....																															
Croydon.....	1																														
Goshen.....																															
Grantham.....																															
Langdon.....									1																						
Lempster.....																													1		
Newport.....									1								1												4		
Plainfield.....																1													2		
Springfield.....																1													1		
Sunapee.....																												2			
Unity.....																															
Washington.....																															
Total.....	2	1					2	1	2			1				3												22			



Table  
Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Acworth.....																		
Charlestown.....	1				1			1					1					
Claremont.....	7		1		8		2						1					1
Cornish.....																		
Croydon.....					1													
Goshen.....																		
Grantham.....																		
Langdon.....					1													
Lempster.....																		
Newport.....					4					1								
Plainfield.....																		
Springfield.....																		
Sunapee.....				1	1													
Unity.....					2													
Washington.....					2													
Total.....	8		2	2	20		2	1		1		2						1



Table  
Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhœa and enteritis (under 2 years).	106. Diarrhœa and enteritis (2 years and over).	107. Intestinal parasitæ.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Carcinoma of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Acworth . . . . .					1															
Charlestown . . . . .					1															
Claremont . . . . .				2	7	2									1		1			
Cornish . . . . .																				
Croydon . . . . .																				
Goshen . . . . .																				
Grantham . . . . .																				
Langdon . . . . .																1				
Lempster . . . . .																				
Newport . . . . .				3	6	1		1							2					1
Plainfield . . . . .					1															
Springfield . . . . .	1				1															
Sunapee . . . . .				2									1							
Unity . . . . .																				
Washington . . . . .													1							1
Total . . . . .	1			8	16	3		1					2		3		2			2

No. 7.—Continued.

Counties, 1908.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.	1		
120. Bright's disease.	1		
121. Other diseases of the kidneys.	2		
122. Calculi of the urinary tract.	9		
123. Diseases of the bladder.	3		
124. Diseases of the urethra.	1		
125. Diseases of the prostate.	1		
126. Non-venereal diseases of the male genital organs.	1		
127. Metritis.	1		
128. Uterine hemorrhage (non-puerperal).	1		
129. Uterine tumor.	1		
130. Other diseases of the uterus.	1		
131. Cysts and other tumors of the ovary.	2		
132. Other diseases of the female genital organs.	2		
133. Non-puerperal diseases of the breast.			
134. Accidents of pregnancy.			
135. Puerperal hemorrhage.			
136. Other accidents of labor.			
137. Puerperal septicemia.			
138. Puerperal albuminuria and convulsions.			
139. Phlegmasia alba dolens (puerperal).			
140. Other puerperal accidents.			
141. Puerperal diseases of the breast.			
4	27		

Table

Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.	150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Aeworth.....										1		
Charlestown.....	1								1	1		
Claremont.....	1									9		
Cornish.....										1		
Croydon.....												
Goshen.....											1	
Grantham.....												
Langdon.....												
Lempster.....									1			
Newport.....										1		
Plainfield.....												
Springfield.....												
Sunapee.....												
Unity.....												
Washington.....												
Total.....	2								2	13	1	

No. 7.—Continued.

Counties, 1908.—International Classification.

		XII. OLD AGE.		XIII. EXTERNAL CAUSES.		XIV. ILL-DEFINED DISEASES.	
		Semile debility.				Causes of death unspecified or ill-defined.	
2	1			1			
1					1		
6	1			3	1		3
4					2		
1							
11					2		1
1				1			
3					2		
1							1
30	2	1		5	8	1	5

Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	I. GENERAL DISEASES.																								
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septiciemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.	
Alexandria.....																									
Ashland.....																							2		
Bath.....																									
Benton.....																									
Bethlehem.....															1							5			
Bridgewater.....														1											
Bristol.....								1														1			
Campton.....				1																					
Canaan.....									1													1			
Dorchester.....																									
Easton.....																									
Ellsworth.....																									
Enfield.....	2						1															2			
Franconia.....												1										1			
Grafton.....									2							1									
Groton.....																									
Hanover.....									2							2						1		1	
Haverhill.....	2						1	1				1										6			
Hebron.....																						1			
Holderness.....			1																			1			
Landaff.....																									
Lebanon.....									2			1			2							3			
Lincoln.....	1																								
Lisbon.....	5											1										1			
Littleton.....	3															1						5	3		
Livermore.....																									
Lyman.....																									
Lyme.....																									
Monroe.....							1		2																
Orange.....															1										
Orford.....	1						1						1												
Piermont.....																1									
Plymouth.....	1															1						2			
Rumney.....																									
Thornton.....																									
Warren.....																									
Waterville.....																									
Wentworth.....									2																
Woodstock.....												1											1		
Total.....	15	1	1	1	1	4	12	5	2	10	2	10	2	10	2	10	2	10	2	10	31	4	1	1	



Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.								
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia. 63. Other diseases of the spinal cord.	64. Apoplexy. 65. Softening of the brain.	66. Paralysis without specified cause. 67. General paralysis.	68. Other forms of mental alienation. 69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over). 71. Convulsions (under 5 years).	72. Tetanus. 73. Chorea.	74. Other diseases of the nervous system. 75. Diseases of the eye. 76. Diseases of the ear.
Alexandria	1	1			2				
Ashland						1			
Bath						1			
Benton				1					
Bethlehem				1					
Bridgewater				1					1
Bristol			1	1					1
Campton				2	1				1
Canaan	2				1				
Dorchester									
Easton									
Ellsworth									
Enfield	2						1		
Franconia				2					
Grafton				2					1
Groton					1				
Hanover	1			1					1
Haverhill	4		2	4	1		1		
Hebron									
Holderness	2			1	1				
Landaff									
Lebanon	1			3	4				
Lincoln	1								
Lisbon	2			5	1	1			
Littleton	3			4	2		1		
Livermore									
Lyman					1				
Lyme	1			2					1
Monroe				2					
Orange									
Orford				2					
Piermont					1				
Plymouth	1			1					
Rumney			1	1					
Thornton									
Warren				1	2				
Waterville									
Wentworth				1					
Woodstock									
Total	1 21		1 3 40		18	1	1	2	6

No. 7.—Continued.

Counties, 1908.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.									
77. Pericarditis.																			
78. Acute endocarditis.																			
79. Organic diseases of the heart.	1																		
80. Angina pectoris.		1																	
81. Diseases of the arteries.																			
82. Embolism and thrombosis.																			
83. Diseases of the veins.			1																
84. Diseases of the lymphatic system.																			
85. Hemorrhages.																			
86. Other diseases of the circulatory system.																			
87. Laryngitis.																			
88. Other diseases of the larynx.																			
89. Diseases of the thyroid body.																			
90. Acute bronchitis.																			
91. Chronic bronchitis.																			
92. Broncho-pneumonia.																			
93. Pneumonia.																			
94. Pleurisy.																			
95. Congestion and apoplexy of the lungs.																			
96. Gangrene of the lungs.																			
97. Asthma.																			
98. Pulmonary emphysema.																			
99. Other diseases of the respiratory system.																			
.....	4	53	7	8	12	3	2	8	1	7	54	16	1						

Table  
Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Alexandria.....					2	1														
Ashland.....															1					
Bath.....																				
Benton.....					1	3														
Bethlehem.....																				
Bridgewater.....																				
Bristol.....		1			1										1					
Campton.....																				
Canaan.....					1							1								
Dorchester.....																				
Easton.....																				
Ellsworth.....																				
Enfield.....						1			1											
Franconia.....																				
Grafton.....	1				1	2														
Groton.....							1													
Hanover.....					1	1	1										3		1	
Haverhill.....						2			1					1	1		1		2	
Hebron.....																				
Holderness.....																				
Landaff.....																				
Lebanon.....		1			3	3	1													1
Lincoln.....																				
Lisbon.....						1														
Littleton.....					2	1	1		1											
Livermore.....																				
Lyman.....							2													
Lyme.....							1										1			
Monroe.....																				1
Orange.....																				
Orford.....									1											
Piermont.....																				
Plymouth.....					2	1			1											1
Rumney.....					1															
Thornton.....							1													
Warren.....					1															
Waterville.....																				
Wentworth.....					1							1								
Woodstock.....																				
Total.....	1	1	2	16	17	8		5				3		3		7				6



Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.		IX. DISEASES OF THE ORGANS OF LOCOMOTION.		X. MALFORMA- TIONS.	XI. EARLY INFANCY.						
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.	150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Alexandria.....												
Ashland.....										1		
Bath.....												
Benton.....												
Bethlehem.....										1		
Bridgewater.....												
Bristol.....												
Campton.....												
Canaan.....	1								1			
Dorchester.....												
Easton.....												
Ellsworth.....										1		
Enfield.....										1		
Franconia.....										1		
Grafton.....				1						1		
Groton.....									1			
Hanover.....									3	1		
Haverhill.....									3	3		
Hebron.....												
Holderness.....												
Landaff.....												
Lebanon.....										4		1
Lincoln.....										1		
Lisbon.....									2			
Littleton.....						1				2		
Livermore.....												
Lyman.....												
Lyme.....												
Monroe.....												
Orange.....												
Orford.....										1		
Piermont.....									1	1		
Plymouth.....									2			
Rumney.....												
Thornton.....												
Warren.....												
Waterville.....												
Wentworth.....												
Woodstock.....										1		
Total.....	1			1		1			12	21		1



Table  
Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	I. GENERAL DISEASES.																								
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.	
Berlin . . . . .	2					1	3		1			2											7	1	1
Carroll . . . . .																									
Clarksville . . . . .																									
Colebrook . . . . .									1														1		
Columbia . . . . .																						1			
Dalton . . . . .																									
Dummer . . . . .																									
Errol . . . . .																									
Gorham . . . . .						3			1							1							1	1	
Jefferson . . . . .																									
Lancaster . . . . .																		1					3		
Milan . . . . .					1	1																	1		
Millsfield . . . . .																									
Northumberland . . . . .	2																						2		
Pittsburg . . . . .							1																		
Randolph . . . . .																									
Shelburne . . . . .																									1
Stark . . . . .																									
Stewartstown . . . . .									1														5		
Stratford . . . . .	1																								
Wentworth's Location . . . . .																									
Whitefield . . . . .																1							2	1	
Total . . . . .	5		1	5	4		4		4			2				2		1				23	2	3	



Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Berlin.....	18					6	1	1										
Carroll.....																		
Clarksville.....																		
Colebrook.....	1					4												
Columbia.....																		
Dalton.....						3												
Dummer.....						1												
Errol.....																		
Gorham.....	4			1	2							1				1		
Jefferson.....						3												
Lancaster.....						3			1							1		
Milan.....	1				1													
Millsfield.....																		
Northumberland.....	1				1													
Pittsburg.....																		
Randolph.....																		
Shelburne.....																		
Stark.....					1											1		
Stewartstown.....	1				2	4						1						
Stratford.....					1													
Wentworth Location.....																		
Whitefield.....					5							1						
Total.....	26		1	33	5	1	1					3				3		



Table  
Causes of Death arranged by Towns and

TOWNS IN COOS COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Berlin.....					1	25	1			1					1	3			3
Carroll.....																			
Clarksville.....																			
Colebrook.....					1								1						
Columbia.....								1											
Dalton.....																			
Dummer.....																			
Errol.....																			
Gorham.....					1														
Jefferson.....																			
Lancaster.....													1						1
Milan.....																			
Millsfield.....																			
Northumberland.....						1											1		
Pittsburg.....						1													
Randolph.....																			1
Shelburne.....																			
Stark.....																			
Stewartstown.....													1	1	1		1		
Stratford.....							1												
Wentworth Location.....																			
Whitefield.....					1	2		2		1									
Total.....					4	29	2	3		2			3	1	2		5	1	4

No. 7.—Continued.

Counties, 1908.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.			
120. Bright's disease.	6		
121. Other diseases of the kidneys.			
122. Calculi of the urinary tract.	1		
123. Diseases of the bladder.	1		
124. Diseases of the urethra.			
125. Diseases of the prostate.			
126. Non-venereal diseases of the male genital organs.			
127. Metritis.			
128. Uterine hemorrhage (non-puerperal).			
129. Uterine tumor.			
130. Other diseases of the uterus.			
131. Cystis and other tumors of the ovary.			
132. Other diseases of the female genital organs.			
133. Non-puerperal diseases of the breast.			
134. Accidents of pregnancy.			
135. Puerperal hemorrhage.			
136. Other accidents of labor.			
137. Puerperal septicemia.		1	
138. Puerperal albuminuria and convulsions.		1	
139. Phlegmasia alba dolens (puerperal).			
140. Other puerperal accidents.			1
141. Puerperal diseases of the breast.			
	2		1
	16	1	

Table

Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Berlin .....									5	16	1	.....
Carroll .....									1			.....
Clarksville .....												.....
Colebrook .....				1								.....
Columbia .....	1											.....
Dalton .....											1	.....
Dummer .....												.....
Errol .....												.....
Gorham .....											4	.....
Jefferson .....												.....
Lancaster .....											1	.....
Milan .....												.....
Millsfield .....												.....
Northumberland .....									1	3		.....
Pittsburg .....												.....
Randolph .....											1	.....
Shelburne .....												.....
Stark .....											1	.....
Stewartstown .....											2	.....
Strafford .....											1	.....
Wentworth Location .....												.....
Whitefield .....											1	.....
Total .....	1			1					7	31	1	.....



Table  
Recapitulation

COUNTIES.	I. GENERAL DISEASES.																						
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.
Rockingham .....	12				3	9	3	4		2	4				5					3	68	4	5
Strafford .....	9				1	1	2	13			2				5					1	55	7	1
Belknap .....				1		4		4			4	1									27		3
Carroll .....					1		6	1			1		1		3						21	1	1
Merrimack .....	1		2	1	6	5	13			6	2	11									59	1	4
Hillsborough .....	28	2	4	14	45	11	21		4	5	3	13		2	4	134	14	4					
Cheshire .....	3		1	3	1	3	3	1	2	3	3	3		3							31	3	
Sullivan .....	2	1			2	1	2		1			3									22		
Grafton .....	15	1	1	1	4		12		5	2	10										31	4	1
Coös .....	5			1	5	4	4		2						2		1				23	2	3
Total .....	75	4	8	6	24	77	22	82	8	31	12	55	1	2	8	471	36	22					

No. 7.—Continued.  
by Counties, 1908.

I. GENERAL DISEASES.—Continued.

	30. Pott's disease.	31. Cold abscess, abscess by congestion.	32. White swelling.	33. Tuberculosis of other organs.	34. General tuberculosis.	35. Scrofula.	36. Syphilis.	37. Gonorrhoea (5 years and over).	38. Gonorrhoea (under 5 years).	39. Cancer and other malignant tumors of the buccal cavity.	40. Cancer of stomach and liver.	41. Cancer of intestines.	42. Cancer of genital organs.	43. Cancer of breast.	44. Cancer of skin.	45. Cancer of other or unspecified organs.	46. Tumors.	47. Acute articular rheumatism.	48. Chronic rheumatism and gout.	49. Scurvy.	50. Diabetes.	51. Exophthalmic goiter.	52. Addison's disease.	53. Leukemia.	54. Anemia, chlorosis.	55. Other general diseases.	56. Acute and chronic alcoholism.	57. Chronic lead poisoning.	59. Other chronic poisonings.	
...																														
...		1	1	1	2					3	22	4	4	8	1	10	1	2			11	1	1	1	5	3				
...			1	1	2					1	18	7	8	4	3	6		5			4				3	3				
...			1	1	1	1					4		1	2	1	3		2	1		6		2	1	3			1		
...				1						1	7	3			4						1				4	1				
...					2		3			2	14	3	4	7	2	10	2	2	1		21				9	3				
2			2							2	23	15	19	8	5	9	1	6			11		1	2	19	8	1	1		
...				1							11	3	3	1	1	12	1	2			9		1		2	4				
...										3	5	1	1	3	1	7			1		5			1	2	2				
...				1							12	3	11	2	1	10	1	1	1	1	3			2	2	1	1			
1		1				2				1	14	4	2	1	1	6			1	1	2				1	1	1			
3	1	4	4	8	1	18				13	135	43	53	36	16	77	6	21	5	1	73	1	5	7	50	2	26	1	2	

Table  
Recapitulation

COUNTIES.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Rockingham.....	1	21	3	1	54	1	20	4	2	2	1	8	5	...	...	...	...	...
Strafford.....	2	9	...	1	50	1	14	2	1	4	...	7	7	...	...	...	1	...
Belknap.....	...	4	...	2	26	2	17	1	...	...	1	3	2	...	...	...	...	...
Carroll.....	...	6	...	1	16	...	1	1	...	...	1	2	2	...	...	...	...	...
Merrimack.....	1	14	...	1	90	2	26	16	7	6	...	3	1	...	...	7	...	...
Hillsborough.....	3	65	...	3	6 132	3	33	3	2	3	...	26	1	...	10	...	...	...
Cheshire.....	1	7	...	1	30	...	13	2	1	3	...	7	1	1	4	...	...	...
Sullivan.....	...	8	...	2	20	...	2	1	...	1	...	2	...	...	...	...	...	1
Grafton.....	1	21	...	1	3 40	...	18	1	...	1	...	2	...	...	6	...	...	...
Coös.....	...	26	...	1	33	...	5	1	1	...	...	3	...	...	3	...	...	...
Total.....	9	181	...	11	15 491	9	149	32	14	20	3	63	3	1	46	1	1	...



Table  
Recapitulation

COUNTIES.	V. DISEASES OF THE DIGESTIVE SYSTEM.																		
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.
Rockingham.....	..	..	2	9	36	8	..	6	1	..	10	1	4	..	9	..	6	..	..
Strafford.....	..	1	6	46	5	..	..	6	..	..	3	4	..	1	..	2	..	..	..
Belknap.....	..	..	12	14	..	..	..	5	..	..	..	1	3	..	3	..	1	..	..
Carroll.....	1	1	1	6	4	2	..	..	..	..	..	..	..	..	1	..	2	..	..
Merrimack.....	1	..	2	10	30	20	..	14	1	..	8	1	4	1	..	3	..	..	..
Hillsborough.....	3	..	4	32	167	19	..	15	5	..	6	5	11	..	15	..	4	..	..
Cheshire.....	..	..	..	8	21	6	..	3	1	..	3	..	1	1	5	..	3	..	..
Sullivan.....	1	..	..	8	16	3	..	1	..	..	2	..	3	..	2	..	2	..	..
Grafton.....	1	1	2	16	17	8	..	5	..	..	3	..	3	..	7	..	6	..	..
Coös.....	..	..	..	4	29	2	..	3	2	..	3	1	2	..	5	1	4	..	..
Total.....	7	2	12	111	380	73	..	58	10	..	38	9	35	..	248	1	33	..	..

No. 7.—Continued.

by Counties, 1908.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.										VII. THE PUERPERAL STATE.												
119. Acute nephritis.	120. Bright's disease.	121. Other diseases of the kidneys.	122. Calculi of the urinary tract.	123. Diseases of the bladder.	124. Diseases of the urethra.	125. Diseases of the prostate.	126. Non-venereal diseases of the male genital organs.	127. Metritis.	128. Uterine hemorrhage (non-puerperal).	129. Uterine tumor.	130. Other diseases of the uterus.	131. Cysts and other tumors of the ovary.	132. Other diseases of the female genital organs.	133. Non-puerperal diseases of the breast.	134. Accidents of pregnancy.	135. Puerperal hemorrhage.	136. Other accidents of labor.	137. Puerperal septicemia.	138. Puerperal albuminuria and convulsions.	139. Phlegmasia alba dolens (puerperal).	140. Other puerperal accidents.	141. Puerperal diseases of the breast.
3	45	...	4	1	1	...	...	1	...	...	...	...	...	...	1	1	2	1	...	...	...	...
9	42	1	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	18	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
1	12	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	51	1	1	5	3	...	...	...	5	...	...	...	...	...	...	2	1	...	...	...	...	...
20	89	10	8	1	1	...	1	1	3	1	2	2	1	3	1	...	...	...	...	4	...	...
4	23	1	4	...	...	...	1	...	1	1	1	1	4	...	...	...	...	...	...	1	...	...
4	27	...	1	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
2	51	3	3	2	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	1	...	...
2	16	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	...	...
58	374	16	130	9	...	...	4	6	6	2	5	4	3	15	3	...	...	...	7	...	...	...

Table  
Recapitulation

COUNTIES.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMATIONS.		XI. EARLY INFANCY.	
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.	150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Rockingham.....	.....	.....	1	.....	.....	.....	.....	.....	9	38	3	1
Strafford.....	3	.....	.....	.....	.....	.....	.....	.....	5	31	3	2
Belknap.....	1	.....	.....	.....	.....	.....	.....	.....	4	7	1	.....
Carroll.....	.....	.....	.....	.....	.....	.....	.....	.....	6	6	1	1
Merrimack.....	5	.....	.....	1	2	.....	.....	.....	4	27	1	1
Hillsborough.....	6	2	1	2	2	.....	.....	.....	41	144	2	5
Cheshire.....	2	.....	.....	.....	2	.....	.....	.....	8	28	3	2
Sullivan.....	2	.....	.....	.....	.....	.....	.....	.....	2	13	1	.....
Grafton.....	1	.....	.....	1	.....	1	.....	.....	12	21	.....	1
Coös.....	1	.....	.....	1	.....	.....	.....	.....	7	31	1	.....
Total.....	21	3	4	6	1	.....	.....	.....	98	*346	16	13

\*Premature births, 186.

No. 7.—Concluded.

by Counties, 1908.

		XIII. EXTERNAL CAUSES.												XIV. ILL-DEFINED DISEASES.		
XII. OLD AGE.																
154. Semile debility.																
155. Suicide by poison.																
156. Suicide by asphyxia.																
157. Suicide by hanging or strangulation.																
158. Suicide by drowning.																
159. Suicide by firearms.																
160. Suicide by cutting instruments.																
161. Suicide by jumping from high places.																
162. Suicide by crushing.																
163. Other suicides.																
164. Fractures.																
165. Dislocations.																
166. Other accidental traumatisms.																
167. Burns and scalds.																
168. Burns from corrosive substances.																
169. Sunstroke.																
170. Freezing.																
171. Electric shock.																
172. Accidental drowning.																
173. Inanition (starvation).																
174. Absorption of deleterious gases (non-suicidal).																
175. Other acute poisonings.																
176. Other external violence.																
177. Dopsy.																
178. Sudden death.																
179. Causes of death unspecified or ill-defined.																
55	2	1	5	5	17	5	1	13	1	1	10					
24	1	1	2	3	10	1	5	1	2	12						
35				1	6	2	5	1	2	9						
14	1	1	1		5	3	1	3		4						
45	2	2	2	6	10	4	1	4	1	12						
72	4	5	4	6	19	7	1	12	2	47						
26		1	1	1	8	2	1	6	1	4						
30		2	1		8				1	5						
53	1		4	1	10	3	1	5	5	3						
21		1	2	1	5	3	2	1	2	4						
375	11	2	14	7	98	30	4	54	5	14	18	6				125





## REGISTRATION REPORT.

Table No. 8.—1908.—Continued.

TOWNS IN ROCKINGHAM COUNTY. —Continued.		Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
Newton.....	Males.....	1							1	2	2	1	1				3	2	1	2	1	1			1			2	13	
	Females.....								1	2	1																	1	11	
North Hampton.....	Males.....						1	1	1	2	3	3	1			2	1	1	1	1	1	1	1	2	1			7	15	
	Females.....						1	1	1							1	1	1	2	2	1	2	1	1	1			8		
Northwood.....	Males.....	2					2	1			6	3	3			2	2	1		1	1	2	3	1	1	1		14	21	
	Females.....	1								1	3	2				1	1	1					2	2	3			7		
Nottingham.....	Males.....	1					1	1	3	4	2	1				3	1	1	1	3	2	2		2				13	16	
	Females.....								1	2																		3		
Plastow.....	Males.....	2							1	2		1					2		1		1	1				2		6	10	
	Females.....										2															1		4		
Partsmouth.....	Males.....	19	2	3	7	10	14	14	11	11	11	10	2			6	9	15	6	7	9	14	8	9	11	8	8	110	202	
	Females.....	12	5	2	4	7	10	8	10	10	13	8	3			10	12	5	7	8	4	10	12	10	6	1	7	92		
Raymond.....	Males.....	1	1				1	1	1	4	2	1				1	1	1	1	3	2	2	1	1	3	1		12	28	
	Females.....	4							1	3	3	4				5	1	1	2		2	2		1	1	1		16		
Rye.....	Males.....	1							1		1	4	2			1	1		1	2	1	1	1	1	1	2		9	16	
	Females.....	1								1	1	4				1	2		1	1								7		
Salem.....	Males.....	1	1	1	3					2	2	3				1	2	1	3	1		3	1	1	1	1		14	22	
	Females.....				1	2				2	1	2				2	1		2	1			2					8		
Sandown.....	Males.....	2	1							1												1	3					4	5	
	Females.....																											1		





Table No. 8.—1908.—Continued.

TOWNS IN BELKNAP COUNTY.		Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.	
Alton.....	Males.....	1	1	1	1	3	2	1	3	2	1	3	1	1	1	1	3	1	3	2	2	1	1	1	1	1	1	1	1	12	23
	Females.....	1	2	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	3	2	2	1	1	1	1	1	1	1	1	11	
Barnstead.....	Males.....	1	1	1	1	1	1	1	1	2	3	3	1	3	1	3	1	1	1	1	1	1	2	1	1	1	1	1	1	11	4
	Females.....	1	1	1	1	1	2	1	1	1	2	3	5	4	1	1	1	2	3	4	3	1	1	2	1	2	1	1	1	4	15
Belmont.....	Males.....	1	1	1	1	1	2	1	2	2	3	3	4	4	1	1	1	2	3	4	1	1	2	1	2	1	1	1	9	25	
	Females.....	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	2	4	1	1	1	2	1	1	1	1	1	16	25	
Centre Harbor.....	Males.....	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	3	5	
	Females.....	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	5	
Gilford.....	Males.....	1	1	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	4	14	
	Females.....	1	1	1	1	1	2	3	1	1	3	1	1	1	1	1	1	1	1	2	3	1	1	1	1	1	1	1	10	14	
Gilmanton.....	Males.....	1	1	2	1	1	2	4	1	2	4	1	1	2	2	2	3	2	4	1	1	1	2	1	1	1	1	1	9	25	
	Females.....	1	1	2	1	1	1	8	5	1	8	5	1	4	4	4	3	4	1	1	1	1	2	1	1	1	1	1	16	25	
Laconia.....	Males.....	19	3	1	2	7	4	6	11	8	8	1	1	7	3	3	7	5	4	6	6	9	8	7	6	6	6	74	145		
	Females.....	5	3	1	1	4	4	12	8	14	9	1	1	8	11	3	9	7	4	4	4	5	9	2	3	6	6	71	145		
Meredith.....	Males.....	2	1	1	2	4	6	1	4	6	1	6	1	3	1	1	2	1	1	1	2	2	1	1	2	3	1	17	32		
	Females.....	4	1	1	1	4	4	1	4	6	1	6	1	3	1	1	3	1	3	1	2	2	1	1	1	3	1	15	32		
New Hampton.....	Males.....	1	1	1	1	1	2	3	1	2	3	1	1	1	1	1	1	1	1	1	1	1	2	1	3	2	2	8	13		
	Females.....	2	1	1	1	1	2	3	1	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	5	13		
Sanbornton.....	Males.....	1	1	1	1	1	1	1	1	5	2	2	1	1	1	1	1	1	2	1	2	1	4	2	2	1	1	10	19		
	Females.....	1	1	1	1	2	1	1	2	1	4	4	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	9	19		
Tilton.....	Males.....	1	1	1	1	1	1	1	1	5	6	3	3	3	1	1	1	5	3	3	3	3	1	1	1	1	1	18	33		
	Females.....	2	1	1	2	1	2	1	2	1	2	1	2	3	2	2	2	1	2	3	3	1	1	1	1	1	1	15	33		
Total.....	Males.....	25	6	2	6	8	9	10	14	29	36	28	2	13	12	11	16	15	15	15	19	15	17	15	13	15	14	175	349		
	Females.....	18	7	1	1	15	8	9	21	22	33	34	4	1	24	19	9	26	18	18	14	10	9	13	12	10	10	174	349		

Table No. 8.—1908.—Continued.

TOWNS IN CARROLL COUNTY.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
	Albany.....Males.....	2			2	2					1		1								1		1	1	1	1	2		7
.....Females.....																												1	
Bartlett.....Males.....	3			1	1				1	2	2		2		2		2				1	1	2	2	2		9	13	
.....Females.....	2			1	1											2				1							4		
Brookfield.....Males.....	1							1															1	1			2	2	
.....Females.....																													
Chatham.....Males.....										1	1	1					1		1								1	3	
.....Females.....																											2		
Conway.....Males.....	5	1	2	4	4	5	2	4	4	5	2	1	1	2	4	2	3	3	1	1	7	1	2	3	1	2	27	38	
.....Females.....	2		1	1	1	1	3	1	1	1	3	2	2	1	1	2			2			1	2	1	1		11		
Eaton.....Males.....	1							1	1	1	1								1				1				1	4	
.....Females.....																			1								3		
Effingham.....Males.....	2		1	1	1	2	2	1	1	2	2	1	3	3	1		1	1	1	1	1	1	1	1	1		8	17	
.....Females.....	1																										9		
Freedom.....Males.....							2	1	1	2	1		3	3		1	1	1	2		1		1				6	10	
.....Females.....										3			2														4		
Hart's Location.....Males.....																													
.....Females.....																1													
Jackson.....Males.....	3		1	1	1	1	1	1	1	1	1	1	2		2	1	1			1	1	1	1	1	1		7	11	
.....Females.....													1		1					1	1	1	1	1	1		4		



Table No. 8.—1908.—Continued.

TOWNS IN MERRIMACK COUNTY. —Continued.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.	
	Boscawen.....	2	1					2	3	5	2					3	1	1	3	2	1	1	1	1	1	2	1	3	1	17
Males.....							2	3	5	2					3	1	1	3	2	1	1	1	1	1	2	1	3	1	12	
Females.....	2	1						1		3					1										1	3		10	15	
Bow.....	2							2	1	2					1	2	1				1	2	1		1	1	1	1	5	15
Males.....								2	1	2					1	1	1				1	1	1		1	1	1	1	5	
Females.....	2																											1	9	21
Bradford.....								1	2	5	1				1	1	2	1	2	1	1	3	2	1		2	1	2	12	21
Males.....								1	2	5	1				1	1	1	1	1	1	1	3	2	1		2	1	2	9	
Females.....								6	1	2	2				1	1	1	1	2	1	1					1	2	1	6	13
Canterbury.....	1	1					1	1	1	6	2	1			1	3	3	1	1	1			1	2	1	1	1	2	13	19
Males.....	1	1					1	1	1	6	2	1			1	3	3	1	1	1			1	2	1	1	1	2	6	
Females.....																												1	13	19
Chichester.....	2								1	2							1	1	1			1	2	1				3	7	
Males.....									1	2							1	1	1			1	2	1				3	4	
Females.....	2																											4	7	
Concord.....	16	16	4	6	7	17	20	28	32	50	24	5			19	15	19	20	21	7	16	23	15	18	22	30		225		410
Males.....	20	5	2	7	14	8	23	25	24	33	14	10			12	18	18	23	14	21	6	13	11	14	18	17		185		
Females.....																												3	8	
Danbury.....	1	1					1	1	1	1					1	1		1	1		2	1	1				3	5	8	
Males.....																												3	5	
Females.....	1	1					1	1	1	1					1	1		1	1		2	1	1				5	8		
Dunbarton.....								1	1	1					1		1	1										2	4	
Males.....																												2	4	
Females.....								1	1	1					1		1	1										2	4	
Epsom.....	1								1	1	1				2				1	1	1		2					4	8	
Males.....																												4	8	
Females.....	1							3	1	1	1				2				1	1	1		2					4	8	
Franklin.....	5	9	1	2	9	4	10	7	5	5					4	11	3	5	4	6	5	3	2	4	5		52		88	
Males.....	6	3	1	3	5	1	5	4	2	5					2	6	6	1	3	7	2	1	2	4	2		36			
Females.....	1	1						4	4	4	2	2			2	2	1	2	1	1	2	1	2	1	1	2	1	15	29	
Henniker.....	2	1					1	1	3	2	2				2	2	4				1	1	1	2	1	1		14	29	
Males.....															2	2	1				1	1	1	2	1	1		15	29	
Females.....	2	1					1	1	3	2	2				2	2	4				1	1	1	2	1	1		14	29	



Table No. 8.—1908.—Continued.

TOWNS IN HILLSBOROUGH COUNTY.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.
Amherst.....	1							1	2	3	1					2		1	3	1			1				5	15
Males.....								1	2	2	4							1	3	1			1				10	
Females.....	1															2								2	3		5	
Antrim.....	1							1	3	1	2	1				1	2	1	1	1			2			9	17	
Males.....								1	3	1						1	2	1	1	1			1			8		
Females.....	1																							1	2		9	
Bedford.....	1	1	1	2	2	1	2	2	1	1	1	1		2	1	1			1	2	1	2		3		11	12	
Males.....								2	2	1				2	1				1	2	1					11		
Females.....	1	1	1	2	2	1	2	2	1	1	1	1												3		11	12	
Bennington.....	1	1							1	1	1	1		1	1	1			1	1						3	6	
Males.....									1	1	1	1		1	1				1	1						3		
Females.....	1	1																								3	6	
Brookline.....	3						1	1	2	3	1	1		3	2	2	1			1	1					10	11	
Males.....							1	1	2	3	1	1								1	1					10		
Females.....	3													3	2	2	1									1	11	
Deering.....										2		1			1		1		2							5	5	
Males.....																										5		
Females.....										2		1			1		1		2								5	5
Francestown.....	2							2	1	1	1	1				1	1		3	1				1	1	5	10	
Males.....								2	1	1	1	1							3	1					1	5		
Females.....	2															1	1							1	1	5	10	
Goffstown.....	8	2	4	2	6	10	5	8	8	5	8	4	1	3	8	6	4	8	4	7	3	3	1	3	6	56	104	
Males.....								8	8	5	8	4	1	3	8	6	4	8	4	7	3	3	1	3	6	56		
Females.....	8	2	4	2	6	10	5	8	8	5	8	4		5	3	5	3	2	5	4	3	3	2	4	4	48	104	
Greenfield.....	2	1	1							2					1	2	1	2						1	1	6	8	
Males.....																										6		
Females.....	2	1	1							2					1	2	1	2						1	1	6	8	
Greenville.....	3	1						2	1	2	1	1			2	1	1		3	2	2	1	1	1	1	10	17	
Males.....								2	1	2	1	1			2	1	1		3	2	2	1	1	1	1	10		
Females.....	3	1													1	1	1		1	1					1	7	17	





TOWNS IN  
CHESHIRE COUNTY.

DEATHS.

133

	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
Astedad.....	Males.....	1	2			1	2	1	1	1	1	1			1					2	2		1	1	1	1		8	
	Females.....	1		1	1		1	1	1	4	1					3						3	2					9	17
Chesterfield.....	Males.....	1				1	3	1		2					1	1	1	1	1	1		1	1	1	1	1		7	
	Females.....			1	1																	1	1					2	9
Dublin.....	Males.....	2																			1	1	1	1				2	
	Females.....	2																			1	1	1	1				2	4
Fitzwilliam.....	Males.....	3	1	1	2	2	1	6	2	2	2	2			2	2	1		3	3	2	2	2	1	1	1	18		
	Females.....	1	2	1	2	4	4												2	2	1	1	1	1	2	10	28		
Gilsun.....	Males.....							2								1	1		1	1	1			1			4		
	Females.....						1	1		2															2		4	6	
Harrisville.....	Males.....	2	1	1				1	1	1	1	1			1	2	1	1	1	1			2	3			6		
	Females.....	1	1	1	1			1	1	1	1	1			1	1	1	1	1	1			2	1			7	13	
Hinsdale.....	Males.....	6	1	1	2	1		3	2	2	3	2	2	2	1	1	2	2	3	1	1	1	3	2	2	1	19		
	Females.....	2	1	1			1	2	4	3	3	3	1	1	3	1	1	1	2	2	2	1	1	1	1	1	13	32	
Jaffrey.....	Males.....	4	1		1	1	3	1	3	1		1			2	1	2	1	2			1	2	1	2		10		
	Females.....	2	2		1	1	3	1	3	1					3	1	2	1	2			2	1	1	1		13	23	
Keene.....	Males.....	18	8	2	5	10	7	13	1	13	1				5	11	6	7	6	6	5	4	9	8	6	6	79		
	Females.....	11	1	2	3	7	8	6	7	18	14	3			13	8	10	9	8	4	5	5	6	6	4	2	80	159	
Marlborough.....	Males.....	3		1			1	2	2	2						1	2	4	2	2	1		2		1		9		
	Females.....	3	1	1	1		2	1	1	1	1	1			1	1	1	1	1	3			2	1			11	20	
Marlow.....	Males.....	1			1		1	1		2	1	1			1	1	1	1	1	1	1						4		
	Females.....				1		1	2		2					1	1	1	1	1	1							4	8	
Nelson.....	Males.....						2	1							1		1		1								2		
	Females.....						1	1		1					1		1		1								1	3	
Richmond.....	Males.....				1	1	1	1							1	1							1		1		3		
	Females.....				1	1	1	1							1	1											1	4	
Rindge.....	Males.....	2	1	1	1		1	3	2	3					1	1	1	1	4	1	1		1	1	1	1	10		
	Females.....				1		1	3		3	1				2	2				2	2						5	15	



TOWNS IN  
SULLIVAN COUNTY.

	Under 1.		5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
	Males.	Females.																											
Acworth.....	1							1		3	2	1		1				1		1			1	1	1	1		5	10
Charlestown.....	3	1					2			3	3				1	2	2	1	1	2	1		2	1	1	2		12	28
Claremont.....	12	2	1	3	3	1	3	11	12	10					7	7	2	8	5	4	3	3	6	8	4	4		61	127
Cornish.....	1								1	1		2			5	6	3	6	5	4	7	4	7	9	5	5		66	
Croydon.....	1								1	5	1	2			1	1	3	1		1	2						3	9	12
Goshen.....	1								1	1						1	2						1				2	2	4
Grantham.....	1										2							1		1	1			1			1	3	4
Langdon.....											2	1								1							1	1	1
Lempster.....	1								2						1	1		1		1		2					3	3	6
Newport.....	6	3	1	3	4	1			6	1	1	2			4	2	1	2	3	3	3		3	3	3	4		31	64
Plainfield.....	1														2	1	3	1	1		2	6	8	5	1	3		33	
	1	1						2	1	3	1	1			1	1		2		1	1	2		1			7	17	













Table

## Recapitulation, Deaths by Ages, Sex,

COUNTIES.		Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.
Rockingham.....	Males.....	82	16	9	14	22	30	31	49	69	67	58
	Females.....	55	19	6	17	20	32	21	43	47	82	61
	Not stated.....											
Strafford.....	Males.....	72	12	2	9	12	19	26	29	48	49	23
	Females.....	54	16	2	20	16	16	26	39	40	56	34
	Not stated.....											
Belknap.....	Males.....	25	6	2	6	8	9	10	14	29	36	28
	Females.....	18	7	1	1	15	8	9	21	22	33	34
	Not stated.....											
Carroll.....	Males.....	27	2	2	3	8	3	16	15	16	25	23
	Females.....	6	5		2	4	8	9	8	20	18	18
	Not stated.....											
Merrimack.....	Males.....	52	34	9	10	13	24	50	51	83	111	66
	Females.....	52	15	3	14	37	20	44	47	65	82	63
	Not stated.....											
Billsborough.....	Males.....	309	77	30	31	58	60	72	90	117	122	57
	Females.....	228	82	24	33	66	65	75	93	120	145	76
	Not stated.....	1										
Cheshire.....	Males.....	59	16	1	11	16	12	19	24	40	47	24
	Females.....	36	13	1	6	14	16	15	18	26	47	39
	Not stated.....											
Sullivan.....	Males.....	30	7	3	7	9	9	3	6	22	36	20
	Females.....	23	6	2	6	10	9	6	17	17	38	28
	Not stated.....											
Grafton.....	Males.....	52	13	5	6	25	23	34	29	59	71	46
	Females.....	32	14	2	10	14	30	29	23	40	64	39
	Not stated.....											
Coös.....	Males.....	82	20	6	3	19	12	11	24	33	41	15
	Females.....	58	16	6	7	10	12	14	15	21	29	12
	Not stated.....											
Total.....	Males.....	790	203	69	100	190	201	272	331	516	605	360
	Females.....	562	193	47	116	206	216	248	324	418	594	404
	Not stated.....	1										
Grand total.....	1353	396	116	216	396	417	520	655	934	1199	764	

No. 8.—*Concluded.*

and Months, by Counties, 1908.

90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
9 10	..... .....	1 2	39 51	43 48	49 24	36 44	31 37	26 29	45 26	45 40	43 33	41 27	24 25	35 31	..... .....	457 415	872
7 9	..... 1	2 6	40 45	30 30	22 20	30 29	28 30	16 15	21 23	30 21	23 31	27 39	19 27	24 25	..... .....	310 335	645
2 4	..... .....	..... 1	13 24	12 19	11 9	16 26	15 18	19 14	15 10	17 9	15 13	13 12	15 10	14 10	..... .....	175 174	349
4 9	..... .....	1 4	18 16	14 8	9 10	14 8	11 11	7 7	15 7	10 7	10 11	16 12	8 8	13 6	..... .....	145 111	256
12 19	..... .....	1 1	46 38	48 49	48 50	41 48	48 35	26 48	35 17	40 38	40 37	40 31	55 30	49 41	..... .....	516 462	978
5 28	..... .....	1 .....	88 96	82 76	87 85	84 91	76 91	73 79	125 103	84 89	89 77	74 89	79 79	87 80	1 .....	1029 1035 1	2065
3 8	..... .....	3 .....	23 35	29 22	23 27	27 24	31 20	23 17	18 20	17 13	29 18	23 18	14 13	18 12	..... .....	275 239	514
3 9	..... .....	2 .....	14 14	18 14	11 11	17 15	10 12	10 11	7 17	15 14	13 21	18 18	12 8	12 16	..... .....	157 171	328
7 5	..... .....	7 .....	37 30	22 27	38 34	34 22	36 19	25 18	30 24	36 24	34 26	32 19	28 28	25 31	..... .....	377 302	679
2 3	..... .....	3 1	18 11	26 17	35 20	17 18	28 22	12 14	27 11	20 21	32 16	22 17	20 21	14 16	..... .....	271 204	475
54 104	..... 1	21 15	336 360	324 310	333 290	316 325	314 295	237 252	338 258	314 276	328 283	306 282	274 249	291 268	1 .....	3712 3448 1	.....
158	1	36	696	634	624	641	609	489	596	590	611	588	523	559	1	7161	.....







M.	1	1	1	1	1	1	1	15	7	8	1	1	1	3
F.	1	1	1	1	1	1	1	2	2	2	1	1	1	2
M.	24	33	18	21	15	14	19	24	23	20	16	1	2	1
M.	23	38	26	21	18	26	14	17	24	17	15	17	42	2
M.	1	1	1	1	1	1	1	1	1	1	1	1	5	1
M.	1	1	1	1	1	1	1	1	1	1	1	1	1	2
M.	6	15	5	7	12	4	3	7	4	5	2	4	1	5
F.	5	9	8	11	5	4	4	9	5	5	5	5	1	1
M.	4	1	3	2	2	2	1	3	5	1	2	1	8	2
F.	1	3	1	1	1	1	1	1	1	1	1	1	2	2
F.	1	1	2	1	1	1	1	1	1	1	1	1	3	1
M.	1	1	1	1	1	2	2	2	2	2	2	2	3	1
F.	1	1	2	1	1	1	1	1	1	1	1	1	1	1
M.	7	2	3	4	6	1	1	2	2	4	2	3	1	1
F.	4	4	1	1	3	4	4	4	4	4	4	4	2	2
M.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.	2	1	3	1	3	1	2	3	2	1	3	1	3	2
F.	4	3	1	3	1	1	1	1	3	7	1	1	4	2
M.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.	3	3	1	1	1	1	1	1	1	1	1	1	1	1
F.	1	4	1	1	6	2	4	2	1	2	1	1	2	1
F.	2	5	1	7	1	3	1	1	3	2	2	1	4	6
M.	38	32	31	33	29	21	26	26	25	35	32	32	1	1
M.	42	29	18	38	29	20	27	42	26	37	23	2	4	6
M.	1	4	2	2	2	1	1	3	2	3	2	3	1	4
F.	2	4	1	4	1	1	1	3	1	1	1	1	4	7
M.	5	4	4	7	3	1	6	4	3	2	6	1	2	3
F.	1	1	3	2	2	2	5	3	2	2	1	1	2	8
M.	1	1	3	1	4	1	6	1	2	1	2	1	5	7
F.	4	1	2	2	3	4	4	3	2	4	2	4	6	2
F.	1	1	1	1	3	2	1	3	2	1	1	1	2	1
F.	1	2	1	1	3	2	1	1	1	3	1	1	1	1

III. DISEASES OF THE CIRCULATORY SYSTEM.

M.	3	3	1	1	1	1	1	8	5	3	1	1	1	1
F.	1	4	1	1	6	2	4	2	1	2	1	1	1	3
M.	1	2	1	1	1	1	1	1	1	1	1	1	1	1
F.	2	5	1	7	1	3	1	1	3	2	2	6	7	1
M.	38	32	31	33	29	21	26	26	25	35	32	32	1	1
M.	42	29	18	38	29	20	27	42	26	37	23	2	4	6
M.	1	4	2	2	2	1	1	3	2	3	2	3	1	4
F.	2	4	1	4	1	1	1	3	1	1	1	1	4	7
M.	5	4	4	7	3	1	6	4	3	2	6	1	2	3
F.	1	1	3	2	2	2	5	3	2	2	1	1	2	8
M.	1	1	3	1	4	1	6	1	2	1	2	1	5	7
F.	4	1	2	2	3	4	4	3	2	4	2	4	6	2
F.	1	1	1	1	3	2	1	3	2	1	1	1	2	1
F.	1	2	1	1	3	2	1	1	1	3	1	1	1	1







X. MALFORMATIONS.

M.	4	6	7	6	10	3	1	6	5	1	6	5	98	60	38	58	2	1	
F.	5	5	3	8	3	2	4	1	1	3	3	38	346	207	138	*1,208	138	7	9
M.	12	11	24	18	17	20	18	16	19	17	19	8	16	7	9	7	9	10	3
F.	10	18	17	16	7	10	9	13	11	10	9	8	13	10	3	10	3	10	3
M.	1	1	1	1	1	1	1	1	1	1	1	1	13	10	3	10	3	10	3
F.	3	1	1	1	1	1	1	1	1	1	1	1	13	10	3	10	3	10	3
M.	1	1	1	1	1	1	1	1	1	1	1	1	13	10	3	10	3	10	3
F.	1	1	1	1	1	1	1	1	1	1	1	1	13	10	3	10	3	10	3

XII. Old Age.

M.	17	9	12	12	15	10	19	16	11	5	14	11	375	151	224	1	7	35	107	1
F.	24	21	12	22	20	16	11	16	16	21	23	22	346	207	138	3	5	58	156	2

XIII. EXTERNAL CAUSES.

M.	1	1	1	1	1	1	1	1	1	1	1	1	11	7	4	2	2	1	2	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	11	7	4	1	1	2	1	1
M.	1	2	2	1	1	1	1	1	1	1	1	1	14	10	4	1	1	2	2	2
F.	1	1	1	1	1	1	1	1	1	1	1	1	7	6	1	1	2	3	1	1
M.	2	2	5	4	1	2	1	2	2	2	2	2	24	21	3	1	2	5	4	4
F.	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	1	1	1	2	1
M.	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	1	1	1	2	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5	1	1	1	2	1
M.	4	4	1	1	2	1	1	3	5	2	2	2	49	29	20	1	1	6	2	5
F.	3	4	1	1	2	1	1	1	1	3	2	2	49	29	20	1	1	6	2	5
M.	6	7	5	5	2	6	9	7	10	10	5	8	98	80	18	2	2	3	2	5
F.	2	1	2	1	2	1	3	2	1	2	2	2	98	80	18	2	2	3	2	5
M.	2	1	2	1	2	1	3	2	1	2	2	2	30	11	19	1	1	2	1	3
F.	2	1	2	1	1	1	2	3	2	1	2	2	30	11	19	1	1	2	1	3
M.	2	2	1	1	1	1	2	3	4	3	3	3	4	2	2	1	1	1	1	4
F.	2	2	1	1	1	1	1	2	3	4	3	3	4	2	2	1	1	1	1	4
M.	1	1	2	4	3	10	12	8	7	1	3	1	4	4	4	2	2	1	1	1
F.	1	1	1	1	4	3	10	12	8	7	1	3	4	4	4	2	2	1	1	1
M.	1	1	1	1	1	1	1	1	1	1	1	1	54	51	3	6	7	8	11	5
F.	1	1	1	1	1	1	1	1	1	1	1	1	54	51	3	2	7	8	11	5

\* Classed with males.



TABLE OF BIRTHS, MARRIAGES,  
DIVORCES AND DEATHS,  
1909.

Table  
Births, Marriages, and Deaths for  
Rockingham

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.				Parentage.					
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Atkinson.....	442	2	1	..	3	6.78	2	..	1	..	
Auburn.....	682	2	3	..	5	7.33	3	2	..	..	
Brentwood.....	957	4	8	..	*12	12.54	8	2	2	..	
Candia.....	1,057	6	9	..	15	14.19	8	2	5	..	
Chester.....	861	4	..	..	4	4.64	4	..	..	..	
Danville.....	615	5	3	..	8	13.00	7	..	1	..	
Deerfield.....	1,162	6	6	..	12	10.32	10	..	1	1	
Derry.....	3,583	60	67	..	127	35.44	66	31	19	11	
East Kingston.....	496	2	5	..	7	14.11	5	1	1	..	
Epping.....	1,641	20	24	1	45	27.45	14	20	9	1	
Exeter.....	4,922	50	49	1	100	20.31	38	38	12	10	
Fremont.....	749	14	6	..	20	26.70	13	3	2	1	
Greenland.....	607	4	3	..	7	11.53	3	1	1	2	
Hampstead.....	823	10	5	..	15	18.22	13	..	1	1	
Hampton.....	1,209	8	11	..	19	15.71	16	..	2	1	
Hampton Falls.....	560	5	5	..	10	17.85	9	..	1	..	
Kensington.....	524	1	4	..	5	9.54	5	..	..	..	
Kingston.....	1,132	7	6	..	13	11.48	11	..	1	1	
Londonderry.....	1,408	16	11	..	27	19.17	20	3	2	2	
Newcastle.....	581	4	6	..	10	17.22	7	..	1	2	
Newfields.....	647	6	1	..	7	10.81	5	1	1	..	
Newington.....	390	..	2	..	2	5.12	1	1	..	..	
Newmarket.....	2,892	46	44	..	90	31.12	14	56	7	9	
Newton.....	924	10	5	..	15	16.25	14	..	..	1	
North Hampton.....	812	4	3	..	7	8.62	4	1	1	1	
Northwood.....	1,304	6	11	..	17	13.03	15	..	..	1	
Nottingham.....	638	5	4	..	9	14.10	8	1	..	..	
Plaistow.....	1,027	11	12	..	23	22.39	13	6	4	..	
Portsmouth.....	10,637	122	111	2	235	22.09	116	82	16	17	
Raymond.....	1,100	11	8	..	19	17.27	15	1	2	1	
Rye.....	1,142	3	5	..	8	7.00	4	..	3	1	
Salem.....	2,041	18	9	..	27	13.22	14	4	6	2	
Sandown.....	400	3	7	..	10	25.00	10	..	..	..	
Seabrook.....	1,497	14	16	1	31	20.70	29	1	1	..	
South Hampton.....	297	2	2	..	4	13.46	4	..	..	..	
Stratham.....	718	5	1	..	6	8.35	3	1	..	2	
Windham.....	641	5	7	..	12	18.72	8	3	1	..	
Total.....	51,118	501	480	5	986	19.28	539	259	102	71	15

\*Born at County Farm, 5.

No. 10.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
1					1	8	2		10	8		2	22.62
4			2		6	7	7		14	13	1		20.52
3					3	29	9		*38	26	7	5	39.70
8					8	11	11		22	19	2	1	20.81
2		1	1		4	8	4		12	10	1	1	13.92
5			1		6	2	3		5	5			8.13
5		1	1		7	8	12		20	17	2	1	17.21
48	8	13	5		74	33	40		73	51	17	5	20.37
1			1		2		2		2	1		1	4.23
9	3		2		15	17	8		25	18	1	6	15.23
26	12	4	4		46	32	26		58	47	10	1	11.78
2					2	7	2		9	8		1	12.01
2			1		3		5		5	4		1	8.23
4			1		5	5	3		8	8			9.72
7		2	1	1	11	14	10		24	19	2	3	19.85
5					5	3	5		8	7		1	14.28
1					1	2	1		3	3			5.72
10		1			11	9	13		22	21	1		19.43
7	2	1			10	11	14		25	21	4		17.75
2					2	5	2		7	7			12.04
3					3	13	5		18	12	5	1	27.82
1					1	3	2		5	3	1	1	12.82
11	16	2	2		31	36	21		57	35	21	1	19.70
6		1	1		8	6	5		11	9	2		11.90
4					4	6	5		11	8	1	2	13.54
8		1			9	10	8		18	16		2	13.80
8					8	6	4		10	8	1	1	15.67
6	2	1	2		11	11	10		21	19	2		20.44
219	33	40	24		316	92	85		177	132	37	8	16.64
7		2	2		11	9	3		12	12			10.90
10		1	1		12	4	6		10	9			8.75
18		3	1		22	14	13		27	24	2	1	13.22
						5	3		8	7	1		20.00
16			1		17	11	10		21	19	1	1	14.02
						3	2		5	5			16.83
1	1	2			4	5	5		10	9	1		13.92
3			1		4	10	6		16	11	3	2	24.96
473	77	77	55	1	683	455	372		827	651	127	49	16.17

\*Died at county farm, 32.

Table  
Births, Marriages, and Deaths for  
Strafford

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Barrington.....	1,208	8	7	..	15	12.42	13	.....	.....	2	..
Dover.....	13,207	156	138	..	294	22.26	119	115	33	23	4
Durham.....	996	8	5	..	13	13.05	7	5	1	.....	..
Farmington.....	2,265	19	27	..	46	20.30	34	3	2	5	2
Lee.....	545	4	5	..	9	16.51	8	.....	.....	.....	1
Madbury.....	336	4	2	..	6	17.85	5	1	.....	.....	..
Middleton.....	300	4	5	..	9	30.00	8	.....	1	.....	..
Milton.....	1,625	16	11	..	27	16.61	14	6	3	4	..
New Durham.....	625	4	2	..	6	9.60	4	1	.....	.....	1
Rochester.....	8,466	107	108	..	215	25.39	113	63	29	8	2
Rollinsford.....	1,701	28	15	..	43	25.27	10	24	5	4	..
Somersworth.....	7,023	113	99	1	213	30.32	27	150	13	21	2
Strafford.....	1,040	9	6	..	15	14.42	14	.....	.....	1	..
Total.....	39,337	480	430	1	911	23.15	376	368	87	68	12

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
6	.....	1	.....	.....	7	7	9	.....	16	13	1	2	13.24
124	26	28	21	.....	199	120	123	.....	*243	181	52	10	18.39
2	.....	.....	.....	.....	2	7	11	.....	18	18	.....	.....	18.07
19	.....	1	1	.....	21	18	21	.....	39	38	.....	1	17.21
2	.....	.....	.....	.....	2	2	6	.....	8	8	.....	.....	14.67
2	1	.....	.....	.....	3	2	1	.....	3	3	.....	.....	8.92
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	1	.....	15	18	13	.....	31	29	1	1	19.07
1	.....	.....	1	.....	2	5	5	.....	10	10	.....	.....	16.00
71	5	7	5	.....	88	65	63	.....	128	99	24	5	15.11
9	9	4	4	.....	26	9	17	.....	26	20	5	1	15.28
18	22	3	5	.....	48	52	46	.....	98	63	30	5	13.95
2	.....	1	1	.....	4	10	12	.....	22	18	.....	4	21.15
270	63	45	39	.....	417	315	327	.....	642	500	113	29	16.32

\*Died at county farm, 21.

Table  
Births, Marriages, and Deaths for  
Belknap

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alton.....	1,500	15	9	..	24	16.00	17	....	2	3	2
Barnstead.....	1,072	14	11	..	25	23.32	15	2	6	1	1
Belmont.....	1,294	14	8	..	22	17.00	13	3	1	5	..
Centre Harbor.....	422	1	.....	..	1	2.36	1	.....	.....	.....	.....
Gilford.....	661	4	6	..	10	15.12	7	....	2	1	..
Gilmanton.....	1,100	10	11	..	21	19.09	15	....	1	4	.....
Laconia.....	8,042	118	123	..	*241	29.96	75	111	22	29	.....
Meredith.....	1,713	11	16	..	27	15.76	19	....	1	7	..
New Hampton.....	852	6	6	..	12	14.08	12	.....	.....	.....	.....
Sanbornton.....	944	4	6	..	10	10.59	9	.....	.....	.....	1
Tilton.....	1,926	14	23	..	37	20.24	26	6	1	2	2
Total.....	19,526	211	219	..	430	22.02	209	122	36	52	11

\*Born at county farm, 2.

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
16	.....	.....	.....	.....	16	23	12	.....	35	33	2	.....	23.33
2	2	.....	1	.....	5	8	9	.....	17	16	.....	1	15.85
5	1	2	1	.....	9	11	6	.....	17	12	3	2	213.13
2	.....	1	.....	.....	3	5	1	.....	6	6	.....	.....	14.21
4	.....	.....	.....	.....	4	5	6	.....	11	9	1	1	16.64
5	.....	1	.....	.....	6	6	4	.....	10	7	1	2	9.09
69	17	8	8	.....	102	89	81	.....	170	139	26	5	21.13
12	1	1	2	.....	16	15	12	.....	27	24	.....	3	15.76
2	.....	.....	.....	.....	2	6	2	.....	8	6	1	1	9.38
3	.....	.....	1	.....	4	10	7	.....	17	15	1	1	18.00
9	1	2	5	1	18	25	16	.....	41	35	2	4	21.27
129	22	15	18	1	185	203	156	.....	359	302	37	20	18.39

Table  
Births, Marriages, and Deaths for  
Carroll

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Albany.....	210	3	5	8	38.09	5	2	1			
Bartlett.....	1,013	15	16	31	31.58	17	3	4	6	1	
Brookfield.....	296	2	2	4	13.51	4					
Chatham.....	269	1	1	2	7.44	2					
Conway.....	3,154	31	28	59	18.70	38	6	10	4	1	
Eaton.....	365	4	1	5	13.69	5					
Effingham.....	600	3	2	5	8.33	4		1			
Freedom.....	594	1	3	4	6.73	4					
Hart's Location.....	38	1		1							
Jackson.....	622	3	2	5	8.04	4			1		
Madison.....	529	8	7	15	28.35	10	1		3	1	
Moultonborough.....	901	6	3	9	9.98	6		2	1		
Ossipee.....	1,479	10	5	15	10.14	8	2		1	4	
Sandwich.....	1,077	3	8	11	10.21	9		2			
Tamworth.....	1,050	8	8	16	15.23	15			1		
Tuftonborough.....	663	2	8	10	15.08	9		1			
Wakefield.....	1,645	14	20	34	20.66	24	5	3	1	1	
Wolfeboro.....	2,390	23	15	38	15.89	30	2		3	3	
Total.....	16,895	138	134	272	16.09	194	20	25	21	12	

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
2					2	4	4		8	5	3		38.09
11	1		2	1	15	5	4		9	7	1	1	8.88
		1			1	3	2		5	5			16.89
2					2		2		2	2			7.44
27	1	2	4		34	20	25		45	38	3	4	14.26
3		1			4	3	1		4	4			10.94
1					1	4	5		9	9			15.00
5					5	4	1		5	3		2	8.41
							1		1	1			26.31
5					5	3	3		6	6			9.64
7					7	4	5		9	9			17.01
8	1				9	4	4		8	6	1	1	8.87
7			1		8	9	9		*18	15	1	2	12.17
9			2		11	12	9		21	20		1	19.49
5		1			6	5	7	1	13	13			12.38
4		1			5	8	7		15	13	1	1	22.62
15		1	1		17	18	10		28	20	6	2	17.02
15		1	1	1	18	18	30		48	40		8	20.08
126	3	8	11	2	150	124	129	1	254	216	16	22	15.03

\*Died at county farm, 8.

Table  
Births, Marriages, and Deaths for  
Merrimack

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.				Parentage.					
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Allenstown.....	1,496	25	21	46	30.74	9	28	4	5	..	
Andover.....	1,179	12	5	17	14.41	15	..	..	1	1	
Boscawen.....	1,455	15	5	*20	13.74	16	..	1	2	1	
Bow.....	617	5	6	11	17.82	6	2	2	1	..	
Bradford.....	805	5	3	8	9.93	7	..	..	..	1	
Canterbury.....	821	4	3	7	8.52	7	..	..	..	..	
Chichester.....	598	4	4	8	13.37	5	..	1	1	1	
Concord.....	19,632	193	186	379	19.30	185	110	30	45	9	
Danbury.....	654	1	6	7	10.70	6	1	..	..	..	
Dunbarton.....	551	2	3	5	9.07	5	..	..	..	..	
Epsom.....	771	6	3	9	11.67	8	1	..	..	..	
Franklin.....	5,846	66	80	146	24.97	64	48	16	17	1	
Henniker.....	1,507	9	8	17	11.28	12	..	4	1	..	
Hill.....	603	6	4	10	16.58	6	2	1	1	..	
Hooksett.....	1,665	8	11	19	11.41	13	5	1	..	..	
Hopkinton.....	1,652	15	12	27	16.34	22	1	4	..	..	
Loudon.....	960	9	4	13	13.54	13	..	..	..	..	
Newbury.....	424	1	4	5	11.79	4	..	..	1	..	
New London.....	768	6	4	10	13.02	8	..	..	1	1	
Northfield.....	1,227	10	13	23	18.74	10	5	4	4	..	
Pembroke.....	3,183	45	33	78	24.50	20	40	8	10	..	
Pittsfield.....	2,129	16	12	28	13.15	17	5	3	3	..	
Salisbury.....	604	5	5	10	16.55	8	1	..	1	..	
Sutton.....	776	4	3	7	9.02	7	..	..	..	..	
Warner.....	1,358	5	2	7	5.15	4	2	..	1	..	
Webster.....	496	4	6	10	20.16	9	1	..	..	..	
Wilmot.....	653	3	5	8	12.25	6	..	..	2	..	
Total.....	52,430	484	451	935	17.83	492	252	79	97	15	

\*Born at county farm, 1.

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
3	3	2	3	....	11	13	22	....	35	23	10	2	23 39
8	....	....	....	....	8	11	12	....	23	21	1	1	19.50
5	....	1	....	....	6	19	10	....	*29	17	8	4	19.93
1	....	....	1	....	2	5	4	....	9	8	1	....	14.58
6	....	1	....	....	7	6	7	....	13	11	2	....	16.14
4	....	....	....	....	4	7	4	....	11	9	....	2	13.39
3	....	....	1	....	4	5	3	....	8	7	....	1	13.37
108	21	19	17	....	165	249	214	....	†463	346	98	19	23.58
6	....	....	....	....	6	3	3	....	6	5	1	....	9.17
3	1	1	1	....	6	4	10	....	14	12	2	....	25.40
4	....	....	....	....	4	9	5	....	14	14	....	....	18.15
21	13	4	7	....	45	56	45	....	†101	77	20	4	17.27
9	1	....	2	....	12	14	10	....	24	20	3	1	15.92
5	4	1	1	....	5	4	2	....	6	5	1	....	9.95
5	....	....	....	....	11	20	18	....	38	22	16	....	22.82
8	....	....	....	....	8	10	10	....	20	17	....	3	12.10
5	1	....	....	....	6	9	8	....	17	16	1	....	17.70
3	....	....	....	....	3	2	2	....	4	3	1	....	9.43
8	....	4	....	....	12	13	9	....	22	21	1	....	28.64
8	....	....	2	....	10	8	6	....	14	12	1	1	11.40
10	3	3	3	....	19	32	30	....	62	43	14	5	19.47
13	1	....	....	....	14	13	16	....	29	28	....	1	13.62
2	....	1	....	....	3	11	5	....	16	15	....	1	26.49
9	....	....	1	....	10	6	3	....	9	9	....	....	11.59
9	....	....	....	....	9	14	13	....	27	24	1	2	19.88
3	....	....	1	....	4	3	1	....	4	4	....	....	8.06
....	....	....	1	....	1	3	6	....	9	8	1	....	13.78
269	48	37	41	....	395	549	478	....	1,027	797	183	47	19.58

\*Died at county farm, 13.

†Died at public institutions, 171.

‡Died at public institutions, 2.

Table  
Births, Marriages, and Deaths for  
Hillsborough

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.					Parentage.				
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Amherst.....	1,231	5	8	13	10.56	8	2	3	..		
Antrim.....	1,366	9	7	16	11.71	9	8	..	..		
Bedford.....	1,148	10	8	18	15.67	8	6	2	2		
Bennington.....	667	2	6	8	11.99	5	1	1	1		
Brookline.....	606	6	7	13	21.45	10	1	1	1		
Deering.....	486	3	1	4	8.23	2	2	..	..		
Francestown.....	693	8	9	17	24.53	15	2	2	..		
Goffstown.....	2,528	20	20	*40	15.82	26	4	5	3		
Greenfield.....	605	5	9	14	23.14	12	2	2	..		
Greenville.....	1,608	22	9	31	19.29	5	16	8	2		
Hancock.....	642	8	7	15	23.36	9	2	2	2		
Hillsborough.....	2,254	11	17	28	12.42	21	4	1	2		
Hollis.....	910	4	2	6	6.59	1	3	2	..		
Hudson.....	1,261	7	10	17	13.48	12	1	1	3		
Litchfield.....	243	1	4	5	20.57	2	2	1	..		
Lyndeborough.....	686	6	3	9	13.11	8	1	..	..		
Manchester.....	56,987	813	822	1,635	28.69	328	956	171	158		
Mason.....	358	6	2	8	22.34	4	2	1	1		
Merrimack.....	1,234	6	5	11	8.91	5	2	3	1		
Milford.....	3,739	41	33	74	19.79	30	30	3	3		
Mont Vernon.....	453	3	3	6	13.24	5	..	..	1		
Nashua.....	23,898	310	292	602	25.19	174	302	61	64		
New Boston.....	1,002	11	5	16	15.96	11	1	2	1		
New Ipswich.....	911	17	7	24	26.34	6	15	2	1		
Pelham.....	875	3	8	11	12.57	5	3	3	..		
Peterborough.....	2,527	29	32	61	24.13	32	17	8	3		
Sharon.....	122	1	1	1	8.19	1	..	..	..		
Temple.....	313	3	4	7	22.36	7	..	..	..		
Weare.....	1,553	11	13	24	15.45	20	2	1	1		
Wilton.....	1,696	14	10	24	14.15	12	5	2	4		
Windsor.....	38	..	..	..	..	..	..	..	..		
Total.....	112,640	1,394	1,364	2,758	24.48	793	1,382	291	261		

\*Born at county farm, 4.

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
1					1	9	7		16	13	1	2	12.99
6	1	1	1		4	5	6		11	11			8.05
4					4	9	9		18	15	2	1	15.67
4	1	3	1		9	3	6		9	6		3	13.49
5	1	1			7	2	3		5	5			8.25
2					2	2	3		5	5			10.28
2					2	3	7		10	10			14.43
7	1				8	62	47		*109	73	34	2	43.11
2					2	5	7		12	11		1	19.83
4	3	2	1		10	12	6		18	15	3		11.19
5			1		6	6	5		11	11			17.13
17					17	10	16		26	21	2	3	11.53
6					8	3	5		8	8			8.79
6			3		9	10	21		31	25	5	1	24.58
						1			1	1			4.11
2					2	3	8		11	10	1		16.03
232	282	82	76	2	674	698	664		1,362	946	403	13	23.90
1		1			2	3	2		5	4	1		13.96
4					4	12	2		14	14			11.34
19	6	2	1		28	29	20		49	39	9	1	13.10
2			1		3	4	5		9	7	1	1	19.86
152	96	43	31		322	223	211		434	320	105	9	18.16
3			1		4	2	4		6	6			5.98
1	2	1			4	8	11		19	19			20.85
8					8	5	8		13	11	2		14.85
10	3	4	2		19	20	18		38	38			15.03
							1		1	1			8.19
						2	3		5	3	2		15.97
6					6	20	10		30	23	2	5	19.31
5	3	2	2		12	12	6		18	14	3	1	10.61
							1		1	1			26.31
516	399	142	123	2	1,182	1,183	1,112		2,305	1,686	576	43	20.46

\*Died at Goffstown, 75.

Table  
Births, Marriages, and Deaths for  
Cheshire

TOWNS.	Population in 1900.	BIRTHS.										
		Sex.				Rate per 1,000.	Parentage.					
		Male.	Female.	Not stated.	Total.		Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	
Alstead.....	799	5	13	..	18	22.52	15	2	..	..	1	1
Chesterfield.....	981	3	9	..	12	12.23	11	..	..	..	1	..
Dublin.....	620	5	7	..	12	19.34	7	4	..	..	1	..
Fitzwilliam.....	987	16	23	..	39	39.51	16	19	3	..	1	..
Gilsum.....	590	8	2	..	10	16.94	6	2	..	..	1	1
Harrisville.....	791	7	6	..	13	16.43	8	2	..	..	1	..
Hinsdale.....	1,933	16	19	..	35	18.10	22	11	2	..	..	..
Jaffrey.....	1,891	25	21	..	46	24.32	16	18	2	..	9	1
Keene.....	9,165	101	96	..	197	21.49	128	34	23	8	8	4
Marlborough.....	1,524	12	10	..	22	14.43	5	3	4	4	4	1
Marlow.....	488	3	..	..	3	6.14	2	1	..	..	..	..
Nelson.....	295	1	1	..	2	6.77	1	..	1	..	..	..
Richmond.....	459	2	2	..	4	8.70	3	..	..	..	1	..
Rindge.....	855	8	3	..	11	12.86	7	2	1	..	1	..
Roxbury.....	100	1	1	..	2	20.00	2	..	..	..	..	..
Stoddard.....	367	3	1	..	4	10.89	2	..	2	..	..	..
Sullivan.....	287	6	4	..	10	34.84	7	..	..	..	1	2
Surry.....	250	3	2	..	5	20.00	4	1	..	..	..	..
Swanzy.....	1,570	17	15	..	32	20.38	25	4	3	..	..	..
Troy.....	1,527	19	10	..	29	18.99	9	14	3	3	..	..
Walpole.....	2,693	28	45	..	73	27.10	35	30	4	3	3	1
Westmoreland.....	875	11	6	..	*17	19.42	11	1	..	..	1	4
Winchester.....	2,274	21	27	..	48	21.10	21	23	..	..	4	..
Total.....	31,321	321	323	..	644	20.56	363	176	50	40	15	..

\*Born at county farm, 2.

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			Death-rate per 1,000.
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	
5					5	8	3		11	9		2	13.76
3	1				6	9	11		20	20			20.38
6	2	2			9	12	11		2	2			3.22
2			1		3	4	8		23	21	2		23.30
4		1			5	2	3		12	9	3		20.33
9	1	1			16	13	18		5	5			6.32
2		3	5		10	12	12		31	22	6	3	16.03
75	4	12		1	100	60	84	1	24	17	7		12.69
9	2		1		12	15	14		145	119	20	6	15.82
6		1	1		8	5	3		29	18	10	1	19.02
2					2	2	5		8	8			16.39
		1	1		2	2	5		7	6	1		23.72
3					3	2	6		11	11			23.96
					3	5	4		9	9			10.52
					1	1			1	1			10.00
4			1		5	1			1	1			2.72
1					1	2	4		6	6			20.90
						2	3		5	4	1		20.00
12	2				14	10	18		28	26	2		17.83
11			2		15	12	7		19	14	5		12.44
13		2	3		18	19	12		31	25	5	1	11.51
5		1			6	12	11		*23	18	1	4	26.28
11	3				14	13	12		25	20	4	1	10.99
183	17	24	24	1	249	227	248	1	476	391	67	18	15.19

\*Died at county farm, 18.

Table  
Births, Marriages and Deaths for  
Sullivan

TOWNS.	Population in 1900.	BIRTHS.										
		Sex.				Rate per 1,000.	Parentage.					
		Male.	Female.	Not stated.	Total.		Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	
Acworth.....	594	4	8	..	12	20.26	10	....	2	....	....	....
Charlestown.....	1,473	7	11	..	18	12.21	13	....	1	2	2	2
Claremont.....	6,498	56	85	..	141	21.69	67	47	17	10	....	....
Cornish.....	962	5	7	1	13	13.51	10	1	....	....	2	2
Croydon.....	372	1	1	..	2	5.36	2	....	....	....	....	....
Goshen.....	345	....	1	..	1	2.89	....	....	....	1	....	....
Grantham.....	374	3	2	..	5	13.36	3	1	1	....	....	....
Langdon.....	339	2	2	..	4	11.79	4	....	....	....	....	....
Lempster.....	391	1	4	..	5	12.78	3	....	2	....	....	....
Newport.....	3,126	40	38	..	78	24.95	45	20	7	3	3	3
Plainfield.....	1,114	8	10	..	18	16.15	15	....	....	2	1	1
Springfield.....	439	6	3	..	9	20.50	5	2	....	2	....	....
Sunapee.....	946	8	10	..	18	19.02	13	1	....	4	....	....
Unity.....	572	7	8	..	15	26.22	10	1	....	3	1	1
Washington.....	464	4	2	..	6	12.93	5	....	1	....	....	....
Total.....	18,099	152	192	1	345	19.06	205	73	31	27	9	9

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
5	.....	1	.....	.....	6	11	5	.....	16	13	2	1	26.93
15	.....	1	.....	.....	16	13	16	.....	29	26	3	.....	19.68
40	5	7	4	.....	56	53	43	.....	96	73	19	4	14.77
6	.....	1	1	1	9	7	4	.....	11	11	.....	.....	11.43
1	.....	.....	.....	.....	1	.....	2	.....	2	2	.....	.....	5.36
1	.....	.....	.....	.....	1	2	2	.....	4	4	.....	.....	11.56
5	.....	1	.....	.....	6	4	4	.....	8	6	1	1	21.38
2	.....	.....	.....	.....	2	2	4	.....	6	6	.....	.....	17.70
4	.....	.....	.....	.....	4	2	5	.....	7	6	.....	1	17.90
30	8	5	3	.....	46	30	29	.....	59	51	7	1	18.87
9	.....	.....	.....	.....	9	9	9	.....	18	18	.....	.....	16.15
4	.....	1	.....	.....	5	9	5	.....	14	13	1	.....	31.89
1	.....	.....	1	2	3	8	13	.....	21	19	2	.....	22.19
5	.....	1	2	.....	8	6	5	.....	*11	10	1	.....	19.22
1	.....	.....	.....	.....	1	5	4	.....	9	8	.....	1	19.39
129	13	18	11	2	173	161	150	.....	311	266	36	9	17.18

\*Died at county farm, 5.

Table  
Births, Marriages, and Deaths for  
Grafton

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.				Rate per 1,000.	Parentage.				
		Male.	Female.	Not stated.	Total.		Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Alexandria . . . . .	630	2	5	7	11.11	6	1				
Ashland . . . . .	1,289	10	14	1	25	19.39	13	3	3	1	
Bath . . . . .	1,006	6	7	13	12.91	10	1	5	2		
Benton . . . . .	209		2	2	9.56		1	1	1		
Bethlehem . . . . .	1,261	9	8	17	13.48	10	4	1	1	1	
Bridgewater . . . . .	244	2	1	3	12.29	3					
Bristol . . . . .	1,600	16	20	36	22.50	28	2	2	2	2	
Campton . . . . .	999	6	6	12	12.01	7	2	1		2	
Canaan . . . . .	1,444	17	12	29	20.08	20		3	6		
Dorchester . . . . .	308										
Easton . . . . .	249	1	2	3	12.04	1		2			
Ellsworth . . . . .	107										
Enfield . . . . .	1,845	13	19	32	17.34	20	5		7		
Franconia . . . . .	655	3	6	9	13.74	8			1		
Grafton . . . . .	748	6	6	12	16.04	12					
Groton . . . . .	346	7	4	11	31.79	7	1	2		1	
Hanover . . . . .	1,884	21	28	49	26.00	35	3	4	4	3	
Haverhill . . . . .	3,414	29	36	65	19.03	39	5	8	11	2	
Hebron . . . . .	214	2	1	3	14.01	2	1				
Holderness . . . . .	662	5	5	10	15.10	9			1		
Landaff . . . . .	500	6	9	15	30.00	12	2		17		
Lebanon . . . . .	4,965	58	47	105	21.14	59	18	11	17		
Lincoln . . . . .	541	24	10	34	62.84	7	13	7	6	1	
Lisbon . . . . .	2,221	8	20	28	12.60	19		4	4	1	
Littleton . . . . .	4,066	43	46	89	21.88	43	21	8	15	2	
Livermore . . . . .	191		1	1	5.23		1				
Lyman . . . . .	426	3		3	7.04	2			1		
Lyme . . . . .	1,080	16	10	26	24.07	21	1	1	2	1	
Monroe . . . . .	545	3	4	7	12.84	3	2		1	1	
Orange . . . . .	213	1	2	3	14.08	3					
Orford . . . . .	890	14	11	25	28.08	22		1		2	
Piermont . . . . .	637	4	4	8	12.55	7	1		4	2	
Plymouth . . . . .	1,972	35	22	57	28.90	42	3	6	4	2	
Rumney . . . . .	837	9	2	11	13.14	8		1	1	1	
Thornton . . . . .	552	5	4	9	16.30	7		2			
Warren . . . . .	799	7	1	8	10.01	5	2	1			
Waterville . . . . .	50										
Wentworth . . . . .	617	7	4	11	17.82	8		1	2		
Woodstock . . . . .	628	14	9	23	36.62	7	9	3	3	1	
Total . . . . .	40,844	412	388	1 801	19.61	505	100	74	98	24	

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
1					1	5	13		18	15	1	2	28.57
9		1	2		12	12	6		18	15	2	1	13.96
5		1	1		7	2	5		7	7			6.95
4					4	1	2		3	3			14.35
6		1	1		8	11	9		20	9	5	6	15.86
2					2	3	3		6	6			24.58
10			1		11	14	11		25	23	2		15.62
8					8	8	5		13	10	2	1	13.01
10	1	1	1		13	19	13		32	24	4	4	22.16
1					1	2	1		3	2		1	9.74
			1		1	1			1	1			4.01
					1	1			1	1			9.34
5	1				6	18	14		32	29	1	2	17.34
3					3	2	1		3	3			4.58
8					8	6	6		12	9	1	2	16.04
4		1			5		1		1	1			2.89
12	2	6			20	28	27		*55	38	10	7	29.19
37	2	7	3		49	33	22		†55	47	4	4	16.11
1					1	4	2		6	5	1		28.02
2		1	1		4	3	2		5	4	1		7.55
3	1	1		1	6	1	6		7	6	1		14.00
44	7	5	8		64	46	36		82	65	15	2	16.51
2	5	2	1		10	9	4		13	11	1	1	24.02
18	1		1		20	18	13		31	25	5	1	13.95
25	4	4	7		40	31	48		79	67	8	4	19.42
			1		1								
						1	5		6	5		1	14.08
4		2	1		7	6	11		17	14	1	2	15.74
3					3	3	1		4	3		1	7.33
1					1	3	2		5	4		1	23.47
7			2		6	7	6		13	12	1		14.60
7		3			10	5	4		9	7	1	1	14.12
13	1	1	1		16	27	17		44	42	2		22.31
3					3	6	5		11	9	1	1	13.14
	1	1			2	3	5		8	8			14.49
5		1			6	8	6		14	10		4	17.52
1					1								
3					3	6	4		10	9	1		16.20
3	1	1	2		7	12	8		20	11	7	2	31.84
267	27	40	35	1	370	365	324		689	560	78	51	16.85

\*Died at county farm, 10; at public institutions, 5.

†Died at public institutions, 29.

Table  
Births, Marriages, and Deaths for  
Coös

TOWNS.	Population in 1900.	BIRTHS.									
		Sex.				Parentage.					
		Male.	Female.	Not stated.	Total.	Rate per 1,000.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Berlin..	8,886	214	244	..	458	51.54	45	312	65	34	2
Carroll...	710	4	8	..	12	16.88	4	3	3	2	..
Clarksville...	307	4	4	..	8	26.05	4	..	3	1	..
Colebrook .....	1,876	24	16	..	40	21.32	27	2	7	3	1
Columbia .....	690	11	4	..	15	21.72	11	2	1	1	..
Dalton .....	592	4	6	..	10	16.89	4	3	1	1	1
Dummer .....	349	2	3	..	5	14.32	3	..	..	2	..
Errol .....	305	2	2	..	4	13.50	3	..	..	..	1
Gorham .....	1,797	29	25	..	54	30.05	18	14	16	6	..
Jefferson .....	1,080	12	11	..	23	21.29	15	3	1	3	1
Lancaster .....	3,190	24	27	..	51	15.98	34	4	9	4	..
Milan .....	3,135	9	8	..	17	5.74	11	3	..	2	1
Millsfield .....	41	..	..	..	..	..	..	..	..	..	..
Northumberland .....	1,917	22	23	..	45	22.76	22	6	7	8	2
Pittsburg .....	687	4	3	..	7	10.18	4	1	2	..	..
Randolph .....	137	1	2	..	3	21.89	1	1	..	1	..
Shelburne .....	283	1	2	..	3	10.60	2	..	1	..	..
Stark .....	733	4	8	..	12	16.37	9	2	..	1	..
Stewartstown .....	1,150	9	3	..	12	10.43	6	3	..	1	2
Stratford .....	968	9	9	..	18	18.59	14	1	2	1	..
Wentworth Location .....	76	1	..	..	1	13.15	1	..	..	..	..
Whitefield .....	2,157	16	17	..	33	15.26	16	4	6	5	2
Total .....	*29,468	406	425	..	831	28.20	254	364	124	76	13

\*Including unincorporated townships and grants.

No. 10.—Continued.

the year ending December 31, 1909.

County.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
32	37	7	14	.....	90	87	52	.....	139	91	39	9	15.64
3	.....	2	.....	.....	5	4	6	.....	10	6	4	.....	14.08
1	1	1	.....	.....	3	2	.....	1	3	3	.....	.....	9.77
16	1	2	.....	.....	21	21	11	.....	32	24	8	.....	17.02
4	.....	.....	.....	.....	4	2	3	.....	5	4	1	.....	7.24
4	.....	.....	3	.....	7	3	1	.....	4	3	1	.....	6.75
4	.....	.....	2	.....	6	1	2	.....	3	2	.....	1	8.59
2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
22	3	5	8	.....	38	12	14	.....	26	18	6	2	14.46
5	.....	.....	1	.....	6	6	6	.....	12	10	1	1	11.11
15	2	2	3	.....	22	15	19	.....	34	27	4	3	10.65
2	.....	.....	1	.....	3	4	2	.....	6	4	1	1	1.91
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
13	5	3	2	.....	23	12	10	.....	22	12	7	3	11.12
3	.....	.....	1	.....	4	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	1	.....	1	.....	1	1	.....	.....	7.29
1	.....	.....	.....	.....	1	1	1	.....	2	2	.....	.....	7.06
2	.....	.....	.....	.....	2	7	2	.....	9	8	1	.....	12.27
6	2	.....	1	.....	9	19	12	.....	*31	23	4	4	26.95
8	.....	1	1	.....	10	8	3	.....	11	7	4	.....	11.36
.....	.....	1	1	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
8	.....	3	2	3	16	18	24	.....	42	29	5	8	19.47
152	51	27	42	3	275	222	169	1	392	274	86	32	13.30

\*Died at county farm, 8.

Table  
Births, Marriages, and Deaths for  
Recapitulation

COUNTIES.	Population in 1900.	BIRTHS.									
		Sex.				Rate per 1,000.	Parentage.				
		Male.	Female.	Not stated.	Total.		Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.
Rockingham . . . . .	51,118	501	480	5	986	19.28	539	259	102	71	15
Strafford . . . . .	39,337	480	430	1	911	23.15	376	368	87	68	12
Belknap . . . . .	19,526	211	219	..	430	22.02	209	122	36	52	11
Carroll . . . . .	16,895	138	134	..	272	16.09	194	20	25	21	12
Merrimack . . . . .	52,430	484	451	..	935	17.83	492	252	79	97	15
Hillsborough . . . . .	112,640	1,394	1,364	..	2,758	24.48	793	1382	291	261	31
Cheshire . . . . .	31,321	321	323	..	644	20.56	363	176	50	40	15
Sullivan . . . . .	18,099	152	192	1	345	19.06	205	73	31	27	9
Grafton . . . . .	40,844	412	388	1	801	19.61	505	100	74	98	24
Coös . . . . .	29,468	406	425	..	831	28.20	254	364	124	76	13
Total . . . . .	411,588	4,499	4,406	8	8,913	21.65	3930	3116	899	811	157

No. 10.—*Concluded.*

the year ending December 31, 1909.

by Counties.

MARRIAGES.						DEATHS.							
Both American.	Both foreign.	Husband American.	Wife American.	Not stated.	Total.	Sex.				Nativity.			
						Male.	Female.	Not stated.	Total.	American.	Foreign.	Not stated.	Death-rate per 1,000.
473	77	77	55	1	683	455	372	....	827	651	127	49	16.17
270	63	45	39	....	417	315	327	....	642	500	113	29	16.32
129	22	15	18	1	185	203	156	....	359	302	37	20	18.39
126	3	8	11	2	150	124	129	1	254	216	16	22	15.03
269	48	37	41	....	395	549	478	....	1,027	797	183	47	19.58
516	399	142	123	2	1,162	1,183	1,122	....	2,305	1,686	576	43	20.46
183	17	24	24	1	249	227	248	1	476	391	67	18	15.19
129	13	18	11	2	173	161	150	....	311	266	36	9	17.18
267	27	40	35	1	370	365	324	....	689	560	78	51	16.86
152	51	27	42	3	275	222	169	1	392	274	86	32	13.30
2,514	720	433	399	13	4,079	3,804	3,475	3	7,282	5,643	1,319	320	17.69

Table  
Births by Sex and

COUNTIES.		January.	February.	March.	April.	May.
Rockingham	Males	42	37	40	48	39
	Females	44	33	30	35	49
	Not stated	1	1			
Strafford	Males	47	30	50	45	47
	Females	36	43	37	33	30
	Not stated					
Belknap	Males	24	16	16	13	22
	Females	29	10	8	16	17
	Not stated					
Carroll	Males	11	7	10	12	10
	Females	8	9	11	16	15
	Not stated					
Merrimack	Males	49	42	35	36	53
	Females	36	37	41	31	47
	Not stated					
Hillsborough	Males	123	103	121	115	118
	Females	134	95	103	116	115
	Not stated					
Cheshire	Males	17	24	28	34	22
	Females	22	34	33	23	23
	Not stated					
Sullivan	Males	14	10	13	14	14
	Females	20	16	22	10	11
	Not stated			1		
Grafton	Males	28	36	45	21	32
	Females	49	34	34	32	27
	Not stated					1
Coös	Males	30	46	34	32	29
	Females	38	35	42	33	28
	Not stated					
Total	Males	385	351	392	370	386
	Females	416	346	361	345	362
	Not stated	1	1	1		1
Grand total		802	698	754	715	749

## BIRTHS.

177

No. 11.

Month, by Counties, 1909.

June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
32 47	43 45	49 36 2	51 37	45 42	34 44 1	41 38	.....	501 480 5	5,986
33 37	38 36	43 47 1	47 30	43 33	33 35	24 33	.....	480 430 1	911
17 25	19 23	13 23	21 14	22 17	12 17	16 20	.....	211 219	439
14 8	10 9	11 14	11 10	16 12	14 11	12 11	.....	138 124	272
31 35	45 36	36 43	40 38	47 48	56 36	34 23	.....	484 451	935
136 136	107 110	109 122	102 117	116 103	118 104	126 109	.....	1,394 1,364	2,758
32 32	26 26	29 31	31 29	28 21	27 23	23 26	.....	321 323	644
11 18	17 12	11 20	8 17	12 15	11 15	17 16	.....	152 192 1	345
37 32	38 27	32 38	38 32	36 26	35 26	34 31	.....	412 388 1	801
42 23	35 48	34 40	25 35	37 42	27 40	35 21	.....	406 425	831
385 393	378 372	367 414 3	374 359	402 359	347 351 1	362 328	.....	4,499 4,406 8	8,913
778	750	784	733	761	699	690	.....	8,913	8,913

Table

## Births showing age of mother,

NUMBER OF CHILD.	Under 15.			15 to 20.			20 to 25.			25 to 30.			30 to 35.		
	American.	Foreign.	Not stated.												
1st.....	1	1	.....	406	117	1	623	272	1	323	157	2	132	71	.....
2d.....	.....	.....	.....	103	26	.....	464	301	2	306	240	2	164	116	.....
3d.....	.....	.....	.....	14	2	.....	243	166	2	259	193	1	156	120	.....
4th.....	.....	.....	.....	1	.....	.....	96	75	1	153	178	2	141	113	2
5th.....	.....	.....	.....	.....	.....	.....	29	31	.....	96	132	.....	95	131	1
6th.....	.....	.....	.....	.....	.....	.....	7	9	.....	54	87	.....	68	93	.....
7th.....	.....	.....	.....	.....	.....	.....	2	1	.....	30	35	.....	44	88	.....
8th.....	.....	.....	.....	.....	.....	.....	.....	1	.....	11	15	.....	38	60	.....
9th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	7	.....	20	44	.....
10th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	6	23	.....
11th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	13	.....
12th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6	.....
13th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
14th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
15th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
16th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
17th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
18th.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Not stated.....	.....	.....	.....	1	.....	.....	9	7	.....	7	14	.....	6	6	.....
Total....	1	1	.....	525	145	1	1,473	962	6	1,247	1,059	7	879	887	3

No. 12.

## Number of Child, by Nationality, 1909.

35 to 40.			40 to 45.			45 to 50.			Not stated.			Total.			Grand total.
American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	American.	Foreign.	Not stated.	
56	19	...	4	7	....	1	....	....	14	4	....	1,560	748	4	2,312
66	28	3	21	7	....	1	....	....	15	6	1	1,141	724	8	1,873
87	40	....	21	5	....	2	....	....	9	5	1	791	531	4	1,326
77	59	....	16	12	1	....	1	....	7	3	1	491	441	7	939
67	75	....	18	11	....	2	*2	....	9	4	....	316	385	1	702
40	71	....	10	16	....	1	....	....	2	1	....	181	278	....	459
56	67	....	17	22	....	3	....	....	1	1	2	150	217	2	369
39	44	....	8	28	....	4	....	....	3	3	....	96	155	....	251
26	43	....	18	19	....	1	....	....	1	3	....	72	117	....	189
22	50	....	8	23	....	1	....	....	....	1	....	38	97	1	136
10	38	....	5	33	....	1	....	....	....	....	....	22	84	....	106
10	25	1	1	17	....	1	....	....	....	....	....	14	49	1	64
8	14	....	4	17	....	4	....	....	....	....	....	12	36	....	48
1	5	....	2	14	....	....	....	....	....	....	....	3	20	....	23
....	6	....	6	6	....	4	....	....	....	1	....	2	17	....	19
1	1	....	4	....	....	2	....	....	....	....	....	1	8	....	9
1	1	....	3	....	....	....	....	....	....	....	....	1	4	....	5
....	1	....	2	....	....	....	....	....	....	....	....	....	4	....	4
3	7	....	2	....	....	1	....	....	10	5	1	36	42	1	79
570	594	4	155	248	1	9	25	....	68	36	7	4,927	3,957	29	8,913

\*One 55 years of age.

Table No. 13.—1909.

AGES OF GROOMS.	AGES OF BRIDES.											No. of grooms.				
	Under 20.	20 to 25.	25 to 30.	30 to 35.	35 to 40.	40 to 45.	45 to 50.	50 to 55.	55 to 60.	60 to 65.	65 to 70.		70 to 75.	75 to 80.	Over 80.	Not stated.
Under 20.....	*153	62	4	2												221
20 to 25.....	†622	772	137	24	4	1	1									1,561
25 to 30.....	‡181	402	288	71	23	1	2									968
30 to 35.....	§36	148	154	96	32	7	2	2								477
35 to 40.....	¶15	46	80	70	56	25	11	2								305
40 to 45.....	4	20	26	43	44	35	15	4								193
45 to 50.....	3	5	11	21	22	22	23	9								116
50 to 55.....	2	2	5	10	9	21	17	11	2	1	1					81
55 to 60.....		3	4	2	3	10	11	13	5	2	1					54
60 to 65.....				2	4	2	7	2	7	4	3				2	33
65 to 70.....				1	1	5	4	11	5	7	4	1				39
70 to 75.....					1		1	2	1	1	5	1		1		13
75 to 80.....						1	3	1	2	1	1	1				9
Over 80.....								1	2		1	1				5
Not stated.....			1											3		4
No. of brides.....	1,016	1,460	710	342	199	130	97	58	24	16	16	5		6		4,079

\*One bride, 14; one bride, 15.

†Six brides, 15.

‡One bride, 14; one bride, 15.

¶One bride, 15.

Table No. 14.

Still Births, by Sex, Parentage, and Months, by Counties, 1909.

COUNTIES.	SEX.		PARENTAGE.										MONTHS.											
	Male.	Female.	Both American.	Both foreign.	American mother and foreign father.	American father and foreign mother.	Not stated.	Total.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.			
			Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	
Rockingham.....	22	20	14	14	1	1	3	42	7	3	1	1	3	4	4	4	3	3	2	6	7	.....		
Straford.....	17	14	13	15	2	1	1	32	2	4	1	3	4	3	2	3	2	2	1	1	.....	.....		
Beknap.....	5	7	7	1	4	1	1	13	1	1	2	1	1	1	3	3	1	1	1	.....	.....	.....		
Carrroll.....	7	7	8	2	2	1	3	14	3	1	2	1	1	1	3	1	2	2	1	1	.....	.....		
Merrimack.....	24	19	3	12	5	4	1	46	2	2	2	4	5	2	5	5	5	3	4	7	.....	.....		
Hillsborough.....	102	58	1	37	78	17	19	161	11	11	10	10	19	13	18	12	8	14	14	21	.....	.....		
Cheshire.....	21	10	1	12	13	5	1	31	4	3	2	3	5	4	2	3	1	1	1	3	.....	.....		
Sullivan.....	10	11	1	10	7	2	3	22	1	.....	1	1	2	2	4	1	6	1	3	4	.....	.....		
Grafton.....	24	25	1	20	6	4	7	6	4	4	2	4	5	2	3	4	7	6	1	4	.....	.....		
Cooch.....	18	14	1	12	11	2	7	33	4	5	3	4	4	.....	3	2	1	3	3	1	.....	.....		
Total.....	250	185	8	172	157	44	44	26	443	36	34	24	31	49	32	38	37	32	38	49	.....	.....		

### DIVORCES.

Table No. 15.

Divorces Decreed by the Supreme Court of New Hampshire, in the year 1909, as returned by the Clerks of the Several Counties.

COUNTIES.	CAUSES OF DIVORCE.																	LIBELLANTS.		Total of each county.				
	Abandonment and extreme cruelty.	Abandonment and extreme cruelty, refusal to cohabit and extreme cruelty.	Abandonment and habitual drunkenness.	Non-support.	Conviction of crime and imprisonment.	Abandonment.	Abandonment and adultery.	Adultery and habitual drunkenness.	Adultery.	Desertion.	Extreme cruelty.	Extreme cruelty and adultery.	Extreme cruelty and habitual drunkenness.	Treatment injurious to health and adultery.	Habitual drunkenness.	Impotency.	Willing absence and refusal to cohabit.	Treatment injurious to health.	Nullity.		Treatment injurious to health and to reason.	Willing absence three years.	Males.	Females.
Rockingham	1				1	29			6		18				2			5			1	15	47	62
Strafford						8		6	6		2				4						4	10	21	31
Belknap						4		6	6		8				1						1	11	26	37
Carroll						10					5				1							6	14	20
Merrimack				1		42		11	15	1	15	1			2						19	28	48	76
Hillsborough	1				1	3		17	33	1	33	2	6		5						6	37	90	127
Cheshire						3		10	1	1	9	1			1						3	13	24	37
Sullivan						18		7	8		8				2						4	9	14	23
Grafton						6		9	9		12										5	16	32	48
Cook's						2		94	2	130	3	7	3	3	18	1	47	46	4	1	43	160	346	530
Total	1	1	2	1	2	120	2	94	2	130	3	7	3	18	1	47	46	4	1	43	160	346	530	

CAUSES OF DEATH.





Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Atkinson . . . . .						1		1										
Auburn . . . . .						1												
Brentwood . . . . .				1		4			1	1								
Candia . . . . .						3												
Chester . . . . .						1												
Danville . . . . .						2							1					
Deerfield . . . . .		2				4												
Derry . . . . .	5					1		6										
East Kingston . . . . .				1														
Epping . . . . .					3			1										
Exeter . . . . .		2			1	6		3										
Fremont . . . . .						1												
Greenland . . . . .		2														1		
Hampstead . . . . .																		
Hampton . . . . .						4		3										
Hampton Falls . . . . .						1												
Kensington . . . . .																		
Kingston . . . . .						1		2										
Londonderry . . . . .						2		3										
Newcastle . . . . .																		
Newfields . . . . .	1					3												
Newington . . . . .																		
Newmarket . . . . .	1	1						2										
Newton . . . . .	1					2												
North Hampton . . . . .																		
Northwood . . . . .						1												
Nottingham . . . . .																		
Plaistow . . . . .						4											1	
Portsmouth . . . . .		2			1	9		4					2					
Raymond . . . . .				1		2												
Rye . . . . .						2												
Salem . . . . .								1	1									
Sandown . . . . .						1												
Seabrook . . . . .								2					1			1		
South Hampton . . . . .						1												
Stratham . . . . .						1												
Windham . . . . .		1				2	1											
Total . . . . .	1	17		3	2	63	2	25	1	1		2	2			3		

No. 16.—Continued.

Counties, 1909.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.									
77. Pericarditis.																			
78. Acute endocarditis.																			
79. Organic diseases of the heart.																			
80. Angina pectoris.																			
81. Diseases of the arteries.																			
82. Embolism and thrombosis.																			
83. Diseases of the veins.																			
84. Diseases of the lymphatic system.																			
85. Hemorrhages.																			
86. Other diseases of the circulatory system.																			
87. Laryngitis.																			
88. Other diseases of the larynx.																			
89. Diseases of the thyroid body.																			
90. Acute bronchitis.																			
91. Chronic bronchitis.																			
92. Broncho-pneumonia.																			
93. Pneumonia.																			
94. Pleurisy.																			
95. Congestion and apoplexy of the lungs.																			
96. Gangrene of the lungs.																			
97. Asthma.																			
98. Pulmonary emphysema.																			
99. Other diseases of the respiratory system.																			
1	6	109	6	13	4			1	3	1	14	4	5	62	1	5		1	1

Table

Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Atkinson.....					1															
Auburn.....																				
Brentwood.....			1																	
Candia.....																1	1			
Chester.....												1								
Danville.....																				
Deerfield.....				1	1															
Derry.....			1	1	3					1		2								
East Kingston.....																				
Epping.....							1													
Exeter.....						2														
Fremont.....				2			1													
Greenland.....																				
Hampstead.....																				
Hampton.....					1										1					
Hampton Falls.....																				
Kensington.....																	1			
Kingston.....					1															
Londonderry.....						2	1			1				1						
Newcastle.....																				
Newfields.....																				
Newington.....																				
Newmarket.....		1		2	6				1											
Newton.....																				
North Hampton.....					1															
Northwood.....						1	1		1											
Nottingham.....																				
Plaistow.....																				
Portsmouth.....					1	4	5													
Raymond.....					1															
Rye.....																				
Salem.....					1															
Sandown.....					1								1							
Seabrook.....					1															
South Hampton.....						1														
Stratham.....							2													
Windham.....																				
Total.....	1	2	2	15	19	11		3		1		4	1	1	1	5			1	1



Table

## Causes of Death arranged by Towns and

TOWNS IN ROCKINGHAM COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.	150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Atkinson.....												
Auburn.....								1	1			
Brentwood.....												
Candia.....												
Chester.....												
Danville.....												
Deerfield.....												
Derry.....					1					4		
East Kingston.....												
Epping.....										4		
Exeter.....	2				1					1		
Fremont.....								1				
Greenland.....												
Hampstead.....												
Hampton.....												
Hampton Falls.....												
Kensington.....											2	
Kingston.....	1										1	
Londonderry.....											2	
Newcastle.....											1	
Newfields.....											2	
Newington.....												
Newmarket.....								1		2		
Newton.....												
North Hampton.....												
Northwood.....										1		
Nottingham.....												
Plastow.....								1				
Portsmouth.....	1		1					1		9		
Raymond.....												
Rye.....								1				
Salem.....										5		
Sandown.....												
Seabrook.....												
South Hampton.....												
Stratham.....												
Windham.....												
Total.....	4		1		2			5		32		







Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Barrington.....	1					1												
Dover.....	1			2	14		4						2	1				
Durham.....							4						1					
Farmington.....	1		1		4		1											
Lee.....																		
Madbury.....																		
Middleton.....																		
Milton.....						4	1											
New Durham.....																		
Rochester.....	3			2	8		4	1					2					
Rollinsford.....							2											
Somersworth.....	2			1	5								3			1		
Strafford.....					2													
Total.....	8		1	5	40		14	1					8	1		1		

No. 16.—Continued.

Counties, 1909.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.									
77. Pericarditis.																			
78. Acute endocarditis.	4	34																	
79. Organic diseases of the heart.																			
80. Angina pectoris.																			
81. Diseases of the arteries.			1																
82. Embolism and thrombosis.																			
83. Diseases of the veins.																			
84. Diseases of the lymphatic system.																			
85. Hemorrhages.																			
86. Other diseases of the circulatory system.																			
87. Laryngitis.																			
88. Other diseases of the larynx.																			
89. Diseases of the thyroid body.																			
90. Acute bronchitis.										1									
91. Chronic bronchitis.										2	6	24							
92. Broncho-pneumonia.										2		1							
93. Pneumonia.													1						
94. Pleurisy.																			
95. Congestion and apoplexy of the lungs.																			
96. Gangrene of the lungs.																			
97. Asthma.																			
98. Pulmonary emphysema.																			
99. Other diseases of the respiratory system.																			1
	6	92	3	2						13	1	7	57	3	3				1

Table

## Causes of Death arranged by Towns and

TOWNS IN STRAFFORD COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhœa and enteritis (under 2 years).	106. Diarrhœa and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Barrington.....					1															1
Dover.....					1	10	3		2				1	1						
Durham.....																				
Farmington.....						1	1													
Lee.....																				
Madbury.....																				
Middleton.....																				
Milton.....																				
New Durham.....						1														
Rochester.....	1			1	14		3						2		3		1	1		
Rollinsford.....																				
Somersworth.....						10	1		3	1			1							2
Strafford.....					1				1				1							
Total.....	1			4	36		8		6	1			5	1	3		1	1		3

No. 16.—Continued.

Counties, 1909.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.			
120. Bright's disease.	15		
121. Other diseases of the kidneys.			
122. Calculi of the urinary tract.			
123. Diseases of the bladder.	4		
124. Diseases of the urethra.	1		
125. Diseases of the prostate.			
126. Non-venereal diseases of the male genital organs.			
127. Metritis.			
128. Uterine hemorrhage (non-puerperal).			
129. Uterine tumor.			
130. Other diseases of the uterus.			
131. Cysts and other tumors of the ovary.			
132. Other diseases of the female genital organs.			
133. Non-puerperal diseases of the breast.			
134. Accidents of pregnancy.			
135. Puerperal hemorrhage.			
136. Other accidents of labor.			
137. Puerperal septicemia.			
138. Puerperal albuminuria and convulsions.		1	
139. Phlegmasia alba dolens (puerperal).			
140. Other puerperal accidents.			
141. Puerperal diseases of the breast.			
7	36	1	1

Table  
**Causes of Death arranged by Towns and**

TOWNS IN STRAFFORD COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Barrington.....										1		
Dover.....	1		1		1				2	10	1	
Durham.....												
Farmington.....	1									1		
Lee.....										1		
Madbury.....												
Middleton.....												
Milton.....								1				
New Durham.....												
Rochester.....										6	1	
Rollinsford.....										2		
Somersworth.....	1								2	10		
Strafford.....	1		1									
Total.....	4		2		1				5	31	2	

No. 16.—Continued.

## Counties, 1909.—International Classification.

XII. Old Age.		XIII. EXTERNAL CAUSES.										XIV. ILL-DEFINED DISEASES.				
154. Senile debility.												179. Causes of death unspecified or ill-defined.				
16	3	1	1			1		4	3							5
3			1					1								
1	1															
1																
4	1															3
1																1
4		2						1	1							2
			1													1
							2									1
								2								1
30	2	5	2	1	1		4	11	4				2	1	1	1

Table  
Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	I. GENERAL DISEASES.																														
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.							
Alton.....									1							1						1									
Barnstead.....									1																						
Belmont.....																						1									
Centre Harbor.....																															
Gilford.....																															
Gilmanton.....																															1
Laconia.....	1		2						2							1											14	2			
Meredith.....																						3									
New Hampton.....																															
Sanbornton.....									1																						
Tilton.....	1															1						3									
Total.....	2		2						5							3						22	2	1							



Table

Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Alton.....	1	1			3		1					1						
Barnstead.....						1												
Belmont.....						1	1											
Centre Harbor.....						2	1											
Gilford.....							1											
Gilmanton.....						1							1					
Laconia.....	2				4	11	1	1	1			2						
Meredith.....					1	1												
New Hampton.....							2											
Sanbornton.....						1	2											
Tilton.....					1	1												
Total.....	3	1			14	1	21	1	1	1		4						







Table

## Causes of Death arranged by Towns and

TOWNS IN BELKNAP COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Alton .....										2		
Barnstead .....												
Belmont .....												
Centre Harbor .....												
Gilford .....												
Gilmanton .....												
Laconia .....				1					2	8		
Meredith .....											1	
New Hampton .....	1											
Sanbornton .....	2											
Tilton .....										1		
Total .....	3			1					2	11	1	







Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Albany.....																	
Bartlett.....	1																
Brookfield.....				1													
Chatham.....								1									
Conway.....	2			4			1					1					
Eaton.....																	
Effingham.....				1													
Freedom.....	1									1							
Hart's Location.....																	
Jackson.....				1													
Madison.....				1													
Moultonborough.....				1			1										
Ossipee.....											1					1	
Sandwich.....	1			4													
Tamworth.....													1				
Tuftonborough.....	1			2													
Wakefield.....	1			1									1				
Wolfeboro.....				1				1									
Total.....	16			17			2	2	2	2	1	2			1		



Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Albany.....												1								
Bartlett.....																		1		
Brookfield.....																				
Chatham.....																				
Conway.....					3	2	1													
Eaton.....																				
Effingham.....																				
Freedom.....			1																	
Hart's Location.....																				
Jackson.....					1															
Madison.....						2														
Moultonborough.....																				
Ossipee.....					1															
Sandwich.....	1	1	1					1												1
Tamworth.....							1		1											
Tuftonborough.....																				
Wakefield.....					1	3			1											1
Wolfeboro.....					1				1						1					
Total.....	1	2	8	7	2	4		4			1	1	1	2	1					

No. 16.—Continued.

Counties, 1909.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.			
120. Bright's disease.	3		
121. Other diseases of the kidneys.	1		
122. Calculi of the urinary tract.			
123. Diseases of the bladder.	1		
124. Diseases of the urethra.	1		
125. Diseases of the prostate.			
126. Non-venereal diseases of the male genital organs.			
127. Metritis.			
128. Uterine hemorrhage (non-puerperal).			
129. Uterine tumor.			
130. Other diseases of the uterus.			
131. Cysts and other tumors of the ovary.			
132. Other diseases of the female genital organs.			
133. Non-puerperal diseases of the breast.			
134. Accidents of pregnancy.			
135. Puerperal hemorrhage.		1	
136. Other accidents of labor.			
137. Puerperal septicemia.			
138. Puerperal albuminuria and convulsions.			
139. Phlegmasia alba dolens (puerperal).			
140. Other puerperal accidents.			
141. Puerperal diseases of the breast.			
	11		

Table

## Causes of Death arranged by Towns and

TOWNS IN CARROLL COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Albany.....										1		
Bartlett.....												
Brookfield.....												
Chatham.....												
Conway.....										2	1	
Eaton.....										1		
Effingham.....												
Freedom.....												
Hart's Location.....												
Jackson.....	1											
Madison.....												
Moultonborough.....												
Ossipee.....												
Sandwich.....												
Tamworth.....										3		
Tuftonborough.....										1		
Wakefield.....										1		
Wolfeboro.....										1		
Total.....	1									10	1	







Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Allenstown . . . . .					5												
Andover . . . . .							1										
Boscawen . . . . .					7												
Bow . . . . .					1												
Bradford . . . . .	1				3											1	
Canterbury . . . . .					3												
Chichester . . . . .					2					1							
Concord . . . . .	7		2	2	28	7	21	15	1			1			1		
Danbury . . . . .					1												
Dunbarton . . . . .																	
Epsom . . . . .					1	2											
Franklin . . . . .	3		4		6	1	1										
Henniker . . . . .																	
Hill . . . . .					1												
Hooksett . . . . .	2																
Hopkinton . . . . .					2	2										1	
Loudon . . . . .					1	2											
Newbury . . . . .																	
New London . . . . .					2												
Northfield . . . . .					1											1	
Pembroke . . . . .	2				3												
Pittsfield . . . . .			1		5		1										
Salisbury . . . . .																	
Sutton . . . . .						1											
Warner . . . . .					4	1											
Webster . . . . .						1											
Wilmot . . . . .						1											
Total . . . . .	15		2	7	76	18	24	15	1			1			4		



Table

## Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under two years).	106. Diarrhoea and enteritis (two years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Allenstown . . . . .			1	2	5			2												
Andover . . . . .				1																
Boscawen . . . . .				3	1	1														
Bow . . . . .	1																			
Bradford . . . . .																				
Canterbury . . . . .													1							
Chichester . . . . .					1															
Concord . . . . .		2	4		3	4		4		1	3		1	3						
Danbury . . . . .																				
Dunbarton . . . . .											1									
Epsom . . . . .																				
Franklin . . . . .					3	1		1			1									1
Henniker . . . . .									1											
Hill . . . . .									1	1										
Hooksett . . . . .			2		1	1														
Hopkinton . . . . .			1	1				1												
Loudon . . . . .																		1		
Newbury . . . . .									1				1							
New London . . . . .			1						2											
Northfield . . . . .								1												
Pembroke . . . . .			1	5	1															
Pittsfield . . . . .	1		1									2								
Salisbury . . . . .			1																	
Sutton . . . . .																				
Warner . . . . .																				
Webster . . . . .			1																	
Wilmot . . . . .																				
Total . . . . .	2	3	18	20	8			13	1	1	9	1	1	4				1		

No. 16.—Continued.

## Counties, 1909.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.	1		
120. Bright's disease.	1		
121. Other diseases of the kidneys.	1		
122. Calculi of the urinary tract.	1		
123. Diseases of the bladder.	1		
124. Diseases of the urethra.	1		
125. Diseases of the prostate.	1		
126. Non-venereal diseases of the male genital organs.	1		
127. Metritis.	1		
128. Uterine hemorrhage (non-puerperal).	1		
129. Uterine tumor.	1		
130. Other diseases of the uterus.	1		
131. Cysts and other tumors of the ovary.	1		
132. Other diseases of the female genital organs.	1		
133. Non-puerperal diseases of the breast.	1		
134. Accidents of pregnancy.	1		
135. Puerperal hemorrhage.	1		
136. Other accidents of labor.	1		
137. Puerperal septicemia.	1	1	
138. Puerperal albuminuria and convulsions.	1	1	
139. Phlegmasia alba dolens (puerperal).	1		
140. Other puerperal accidents.	1		
141. Puerperal diseases of the breast.	1		
5	68	3	1

Table  
Causes of Death arranged by Towns and

TOWNS IN MERRIMACK COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Allenstown . . . . .										3		
Andover . . . . .	1									1		
Boscawen . . . . .	1				1							
Bow . . . . .										1		
Bradford . . . . .												
Canterbury . . . . .	1											
Chichester . . . . .												
Concord . . . . .	3			1	1				1	19	2	
Danbury . . . . .												
Dunbarton . . . . .										1		
Epsom . . . . .												
Franklin . . . . .									6	6		
Henniker . . . . .										1		
Hill . . . . .												
Hooksett . . . . .										2		
Hopkinton . . . . .												
Loudon . . . . .												
Newbury . . . . .												
New London . . . . .												
Northfield . . . . .										1		
Pembroke . . . . .										9	1	
Pittsfield . . . . .										1		
Salisbury . . . . .										1	1	
Sutton . . . . .												
Warner . . . . .												
Webster . . . . .												
Wilmot . . . . .												
Total . . . . .	6		1	2					14	46	4	



Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	I. GENERAL DISEASES.																								
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septœmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.	
Amherst.....							1																		
Antrim.....																									3
Bedford.....																									
Bennington.....																									
Brookline.....																									
Deering.....																									2
Francestown.....																									
Goffstown.....														1											10
Greenfield.....													1												
Greenville.....						1							1												1
Hancock.....													1												1
Hillsborough.....													1												1
Hollis.....																									
Hudson.....								1		1															2
Litchfield.....																									
Lyndeborough.....									1																1
Manchester.....	11		4	11	29			5	3		1	3		2		6					1	93	8	2	
Mason.....																									
Merrimack.....	1																								1
Milford.....												1													1
Mont Vernon.....																									
Nashua.....				10	1	5								2		1					4	20	1	1	
New Boston.....									1																
New Ipswich.....					1																		1		
Pelham.....									2																
Peterborough.....																							5		1
Sharon.....																									
Temple.....																									
Weare.....					1				2																
Wilton.....												1											3		
Windsor.....																									
Total.....	12		4	10	15	35		5	10		2	7		5		7					5	147	10	5	



Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Amherst.....					5	1											
Antrim.....	1									1							
Bedford.....																	
Bennington.....					1												
Brookline.....																	
Deering.....																	
Fracestown.....					1												
Goffstown.....	1				16				1	1		1					
Greenfield.....			1		1		1										
Greenville.....					2												
Hancock.....	1				2												
Hillsborough.....	1				4												
Hollis.....	1				1												
Hudson.....							1					1					
Litchfield.....																	
Lyndeborough.....										1							
Manchester.....	4 68		1 3	60	2 23	4 3				22	1				4		
Mason.....																	
Merrimack.....					2												
Milford.....	3		2	5	2												
Mont Vernon.....																	
Nashua.....	13		1 2	21	1 9	1					13				3		
New Boston.....					1												
New Ipswich.....					1						2						
Pelham.....					2												
Peterborough.....	1		1	4	3	2											
Sharon.....																	
Temple.....	1																
Weare.....	1		1	7													
Wilton.....	1			1	1												
Windsor.....																	
Total.....	4 92		7 5	137	4 40	3 5	6			39	1				7		

No. 16.—Continued.

Counties, 1909.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.									
77. Pericarditis.																			
78. Acute endocarditis.																			
79. Organic diseases of the heart.																			
80. Angina pectoris.																			
81. Diseases of the arteries.																			
82. Embolism and thrombosis.																			
83. Diseases of the veins.																			
84. Diseases of the lymphatic system.																			
85. Hemorrhages.																			
86. Other diseases of the circulatory system.																			
87. Laryngitis.																			
88. Other diseases of the larynx.																			
89. Diseases of the thyroid body.																			
90. Acute bronchitis.																			
91. Chronic bronchitis.																			
92. Broncho-pneumonia.																			
93. Pneumonia.																			
94. Pleurisy.																			
95. Congestion and apoplexy of the lungs.																			
96. Gangrene of the lungs.																			
97. Asthma.																			
98. Pulmonary emphysema.																			
99. Other diseases of the respiratory system.																			
	3	29	170	15	19	14	1	1	3	5	55	10	59	163	3	25	2		

## Causes of Deaths arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Amherst.						1														
Antrim.																				
Bedford.						2														
Bennington.																				
Brookline.					1	1														
Deering.						1														
Francestown.																				
Goffstown.					1															
Greenfield.	1																			
Greenville.							4													
Hancock.																				
Hillsborough.					1				1											
Hollis.																				
Hudson.					1	1							1		1	1				
Litchfield.																				
Lyndeborough.																				
Manchester.	1	1	4	24	166	17		10	3			10		4	13					8
Mason.																				
Merrimack.						3	3					1								
Milford.																				
Mont Vernon.																				
Nashua.	1		1	9	49	2		3	1			2		2		1				2
New Boston.																				
New Ipswich.					1	1														
Pelham.					1	1														
Peterborough.						3														
Sharon.																				
Temple.																				
Weare.					1		1													
Wilton.														1		1				
Windsor.																				
Total.	1	3	5	42	232	21		14	4			14	1	8	1	17				11

No. 16.—Continued.

Counties, 1909.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.										VII. THE PUERPERAL STATE.									
119. Acute nephritis.																			
120. Bright's disease.																			
121. Other diseases of the kidneys.																			
122. Calculi of the urinary tract.																			
123. Diseases of the bladder.																			
124. Diseases of the urethra.																			
125. Diseases of the prostate.																			
126. Non-venereal diseases of the male genital organs.																			
127. Metritis.																			
128. Uterine hemorrhage (non-puerperal).																			
129. Uterine tumor.																			
130. Other diseases of the uterus.																			
131. Cysts and other tumors of the ovary.																			
132. Other diseases of the female genital organs.																			
133. Non-puerperal diseases of the breast.																			
134. Accidents of pregnancy.																			
135. Puerperal hemorrhage.																			
136. Other accidents of labor.																			
137. Puerperal septicemia.																			
138. Puerperal albuminuria and convulsions.																			
139. Phlegmasia alba dolens (puerperal).																			
140. Other puerperal accidents.																			
141. Puerperal diseases of the breast.																			
	10	90	8	6	3			4	3	1	3	1	9	2			1		

Table

## Causes of Death arranged by Towns and

TOWNS IN HILLSBOROUGH COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and scelerema.	152. Other diseases peculiar to early infancy.
Amherst.....												
Antrim.....												
Bedford.....											1	
Bennington.....				1							1	
Brookline.....												
Deering.....												
Francestown.....									1		2	
Goffstown.....	1				1				1		5	
Greenfield.....												
Greenville.....									1		1	
Hancock.....											2	
Hillsborough.....	1		1									
Hollis.....												
Hudson.....									1			
Litchfield.....												
Lyndeborough.....												
Manchester.....	3		2	1	1				9		4	
Mason.....											1	
Merrimack.....											2	
Milford.....											2	
Mont Vernon.....												
Nashua.....	2		2						12		33	2
New Boston.....												
New Ipswich.....	2											
Pelham.....												
Peterborough.....											5	
Sharon.....												
Temple.....												
Weare.....	1										2	
Wilton.....											1	
Windsor.....												
Total.....	10		5	2	2				25	155	6	







Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Alstead .....					2												
Chesterfield .....	1				3		1					1					
Dublin .....					1		1			1							
Fitzwilliam .....					1		1										
Gilsom .....																	
Harrisville .....																	
Hinsdale .....	2				3												
Jaffrey .....			1														
Keene .....	6			1	12	1	3										
Marlborough .....					3	1									1		1
Marlow .....																	
Nelson .....					1		1										
Richmond .....					1												
Rindge .....					1												
Roxbury .....																	
Stoddard .....																	
Sullivan .....					1												
Surry .....					1												
Swanzy .....					4							2				1	
Troy .....	1				3											2	
Walpole .....	1				3												
Westmoreland .....	1				4		2					1					
Winchester .....						1											
Total .....	12		1	2	41	3	8		1		4			5			



Table

## Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Alstead . . . . .											1									
Chesterfield . . . . .																				
Dublin . . . . .																				
Fitzwilliam . . . . .					2												2			
Gilsum . . . . .																				
Harrisville . . . . .							1													
Hinsdale . . . . .						1	1		1						1		1			
Jaffrey . . . . .						3	1													1
Keene . . . . .			2	2	2	2			1	1					1			1	1	2
Marlborough . . . . .					1	2							1				1			
Marlow . . . . .																				
Nelson . . . . .																				
Richmond . . . . .					1															
Rindge . . . . .					2															
Roxbury . . . . .																				
Stoddard . . . . .																				
Sullivan . . . . .																				1
Surry . . . . .																				
Swanzy . . . . .					1								1		1					
Troy . . . . .	1					2	1		1											
Walpole . . . . .			1			3	1													1
Westmoreland . . . . .							3				1									
Winchester . . . . .							3	1	1											
Total . . . . .	1	3	9	15	9	9	4	2	3	3	3	3	3	7	1	3				

No. 16.—Continued.

Counties, 1909.—International Classification.

VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ADNEXA.		VII. THE PUERPERAL STATE.	
119. Acute nephritis.	1		
120. Bright's disease.	1		
121. Other diseases of the kidneys.	4		
122. Calculi of the urinary tract.	2		
123. Diseases of the bladder.	1		
124. Diseases of the urethra.	1		
125. Diseases of the prostate.	1		
126. Non-venereal diseases of the male genital organs.			
127. Metritis.			
128. Uterine hemorrhage (non-puerperal).			
129. Uterine tumor.			
130. Other diseases of the uterus.			
131. Cysts and other tumors of the ovary.			
132. Other diseases of the female genital organs.	2		
133. Non-puerperal diseases of the breast.			
134. Accidents of pregnancy.			
135. Puerperal hemorrhage.			
136. Other accidents of labor.			
137. Puerperal septicemia.			
138. Puerperal albuminuria and convulsions.	1		
139. Phlegmasia alba dolens (puerperal).			
140. Other puerperal accidents.			
141. Puerperal diseases of the breast.			
2	23		

Table  
Causes of Death arranged by Towns and

TOWNS IN CHESHIRE COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.	150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Alstead . . . . .												
Chesterfield . . . . .									2			
Dublin . . . . .												
Fitzwilliam . . . . .											1	
Gilsum . . . . .												
Harrisville . . . . .												
Hinsdale . . . . .										2	1	
Jaffrey . . . . .										1		
Keene . . . . .	2								3	3	3	
Marlborough . . . . .												
Marlow . . . . .												
Nelson . . . . .										1		
Richmond . . . . .										2		
Rindge . . . . .										1		
Roxbury . . . . .												
Stoddard . . . . .												
Sullivan . . . . .												
Surry . . . . .												
Swanzy . . . . .										1		
Troy . . . . .												
Walpole . . . . .	1											3
Westmoreland . . . . .									1	1		
Winchester . . . . .	1											
Total . . . . .	4								6	12	5	3







Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Acworth.....							1											
Charlestown.....	1						3											
Claremont.....	1	2		4	10								2					
Cornish.....							1											
Croydon.....																		
Goshen.....							2											
Grantham.....							1											
Langdon.....									1									
Lempster.....							3											
Newport.....		1		1	4						1							
Plainfield.....									3									
Springfield.....									2									
Sunapee.....					1	1												
Unity.....							1											
Washington.....											1							
Total.....	1	4		5	125	1	7				2		2					



Table  
Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhea and enteritis (under 2 years).	106. Diarrhea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Acworth.....					2															
Charlestown.....					2												1			
Claremont.....						6	1		1											1
Cornish.....																				
Croydon.....																				
Goshen.....																				
Grantham.....						2									1					
Langdon.....					2															
Lempster.....																				
Newport.....					3	2						2								2
Plainfield.....						1									1					
Springfield.....	1					1														
Sunapee.....					2				1						1					
Unity.....							1													
Washington.....					2										1					
Total.....	1				13	12	2		2			2		4	4	1				3



Table

## Causes of Death arranged by Towns and

TOWNS IN SULLIVAN COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and scelerema.	152. Other diseases peculiar to early infancy.
Acworth.....										1		
Charlestown.....												
Claremont.....										6		
Cornish.....												
Croydon.....												
Goshen.....												
Grantham.....												
Langdon.....												
Lempster.....												
Newport.....	2								3	2		
Plainfield.....												
Springfield.....										1		
Sunapee.....									1	1		
Unity.....										1	1	
Washington.....												
Total.....	2								4	12	1	



Table

Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	I. GENERAL DISEASES.																									
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicaemia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.		
Alexandria.....																						1				
Ashland.....																							2			
Bath.....						1																				
Benton.....																							1			
Bethlehem.....																							2			
Bridgewater.....																										
Bristol.....																							1			
Campton.....																										
Canaan.....				1				1															1			
Dorchester.....																							1			
Easton.....																										
Ellsworth.....																										
Enfield.....	1																									
Franconia.....																										
Grafton.....									1														1			
Groton.....																										
Hanover.....									1																	
Haverhill.....	1															1							3			
Hebron.....																1										
Holderness.....																										
Landaff.....																										
Lebanon.....									2														4			
Lincoln.....																										
Lisbon.....																							2			
Littleton.....									1														3	2	1	
Livermore.....																										
Lyman.....																										
Lyme.....														1												
Monroe.....																										
Orange.....																							1			
Orford.....																							1			
Piermont.....									1																	
Plymouth.....									1														1	1		
Rumney.....																							1			
Thornton.....	1								1														1			
Warren.....																										
Waterville.....																										
Wentworth.....									1																	
Woodstock.....																										
Total.....	3		1		1	1			9					1		2							27	3	1	



Table  
Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																
	60. Encephalitis. 61. Simple meningitis. 61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.	
Alexandria...				1												1	
Ashland.....				3													
Bath.....						1											
Benton.....																	
Bethlehem.....				3				1									
Bridgewater.....																	
Bristol.....	1		2	1													
Campton.....				3		1											
Canaan.....				3	2												
Dorchester.....																	
Easton.....										1							
Ellsworth.....																	
Enfield.....	1			3												1	
Franconia.....			1														
Grafton.....	1			2													
Groton.....																	
Hanover.....	1			4													
Haverhill.....				2		1					1					1	
Hebron.....				1													
Holderness.....						1											
Landaff.....						1			1			1					
Lebanon.....	2			4		1					2					1	
Lincoln.....																	1
Lisbon.....						1											
Littleton.....	1			9							1						
Livermore.....																	
Lyman.....																	
Lyme.....						1	3										
Monroe.....						3											
Orange.....																	
Orford.....			1														
Piermont.....	1			1													
Plymouth.....	2			2	4	1	1									1	
Rumney.....					1												
Thornton.....	1																
Warren.....	1			2		1											
Waterville.....																	
Wentworth.....																	
Woodstock.....					1												
Total.....	2	10	1	5	51	2	12	2	1	1	4	1	5	1			1

No. 16.—Continued.

Counties, 1909.—International Classification.

III. DISEASES OF THE CIRCULATORY SYSTEM.										IV. DISEASES OF THE RESPIRATORY SYSTEM.													
77. Pericarditis.	78. Acute endocarditis.	79. Organic diseases of the heart.	80. Angina pectoris.	81. Diseases of the arteries.	82. Embolism and thrombosis.	83. Diseases of the veins.	84. Diseases of the lymphatic system.	85. Hemorrhages.	86. Other diseases of the circulatory system.	87. Laryngitis.	88. Other diseases of the larynx.	89. Diseases of the thyroid body.	90. Acute bronchitis.	91. Chronic bronchitis.	92. Broncho-pneumonia.	93. Pneumonia.	94. Pleurisy.	95. Congestion and apoplexy of the lungs.	96. Gangrene of the lungs.	97. Asthma.	98. Pulmonary emphysema.	99. Other diseases of the respiratory system.	
..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	3	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	4	2	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	3	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	..	..	..	..
..	..	1	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	..	..	..	..
..	..	7	..	2	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	..	..	..	..
..	..	2	..	2	..	..	..	..	..	..	..	2	..	..	..	..	..	2	2	..	..	..	..
..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	11	1	1	1	..	..	..	..	..	..	3	2	8	..	..	..	8	8	..	..	..	..
..	1	1	..	..	..	..	..	..	..	..	..	1	1	3	..	..	..	1	3	..	..	..	..
..	..	4	1	..	..	..	..	..	..	..	..	1	1	1	..	..	..	1	1	..	..	..	..
..	2	4	..	..	..	..	..	..	..	..	..	1	1	5	..	..	..	5	3	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	1	..	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	..	1	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	3	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..
..	1	2	..	1	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	1	2	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	10	67	8	10	6	..	..	..	..	..	..	1	16	1	8	48	..	11	..	..	..	..	..

Table  
Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhœa and enteritis (under 2 years).	106. Diarrhœa and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Alexandria.....																				
Ashland.....						1														
Bath.....																				
Benton.....																				
Bethlehem.....						1							1							
Bridgewater.....					1			1												1
Bristol.....																				
Campton.....													2							
Canaan.....						2	2						1				1			
Dorchester.....																				
Easton.....																				
Ellsworth.....																				
Enfield.....						1							1	1						
Franconia.....																				
Grafton.....																				
Groton.....																				
Hanover.....					1			3							1		4			
Haverhill.....																	3			
Hebron.....					1															
Holderness.....																				
Landaff.....																				
Lebanon.....					2	1	1			1			1	1						
Lincoln.....						1														
Lisbon.....			1			2	1													
Littleton.....					6	3	1		1				1							
Livermore.....																				
Lyman.....																				
Lyme.....																				
Monroe.....																				
Orange.....																				
Orford.....						1	1													
Piermont.....																				
Plymouth.....					1		1		2				1							
Rumney.....																				
Thornton.....																				
Warren.....																				
Waterville.....																				
Wentworth.....																				
Woodstock.....						1														
Total.....		1	12	14	7	7	7	1	1	8	3	10	2							



Table

## Causes of Death arranged by Towns and

TOWNS IN GRAFTON COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Alexandria.....	1									1		
Ashland.....										1		1
Bath.....												
Benton.....												
Bethlehem.....								1		1		
Bridgewater.....												
Bristol.....	1							2		2		
Campton.....												
Canaan.....	1											
Dorchester.....												
Easton.....												
Ellsworth.....												
Enfield.....								1		2		
Franconia.....												
Grafton.....												
Groton.....												
Hanover.....										2		
Haverhill.....	1							2		3		
Hebron.....												
Holderness.....												
Landaff.....										1		
Lebanon.....		1								2		
Lincoln.....												
Lisbon.....										1		
Littleton.....	1									4	1	
Livermore.....												
Lyman.....												
Lyme.....												
Monroe.....												
Orange.....												1
Orford.....												
Piermont.....												
Plymouth.....								1		2		
Rumney.....										1		
Thornton.....										1		
Warren.....												
Waterville.....												
Wentworth.....												
Woodstock.....	1									3		
Total.....	6	1						7		27	1	2



Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	I. GENERAL DISEASES.																								
	1. Typhoid fever.	4. Malarial fever.	5. Smallpox.	6. Measles.	7. Scarlet fever.	8. Whooping cough.	9. Diphtheria.	9a. Membranous croup.	10. Influenza.	11. Miliary fever.	13. Cholera nostras.	14. Dysentery.	14a. Epidemic dysentery.	18. Erysipelas.	19. Other epidemic diseases.	20. Purulent infection and septicæmia.	21. Glanders and farcy.	22. Malignant pustule.	23. Rabies.	24. Actinomycosis, trichinosis, etc.	26. Tuberculosis of the larynx.	27. Tuberculosis of the lungs.	28. Tubercular meningitis.	29. Abdominal tuberculosis.	
Berlin.....	2				2		1				1											5		1	
Carroll.....																							1		
Clarksville.....																							1		
Colebrook.....	2								3														1		
Columbia.....																									
Dalton.....																									
Dummer.....																							1		
Errol.....																									
Gorham.....	1															1							3	2	
Jefferson.....																								4	
Lancaster.....																									
Milan.....																									
Millsfield.....																									
Northumberland.....																							1	1	
Pittsburg.....																									
Randolph.....																									
Shelburne.....																									
Stark.....																									
Stewartstown.....											1												1		
Stratford.....							1						1												1
Whitefield.....	1															1							4		1
Total.....	6				2		1	4			2		1		2							25	3	3	



Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Berlin.....	1	5					1	1	1				3			1		
Carroll.....																1		
Clarksville.....																		
Colebrook.....		2				4												
Columbia.....																		
Dalton.....						1												
Dummer.....																		
Errol.....																		
Gorham.....				1		1							1					
Jefferson.....							2											
Lancaster.....							3									1		
Milan.....													1					
Millsfield.....																		
Northumberland.....	1						1											
Pittsburg.....																		
Randolph.....																		
Shelburne.....																		
Stark.....							1											
Stewartstown.....							1											
Stratford.....							3				1							
Whitefield.....		3		1		3		1										
Total.....	2	10	1	1		20		2	1	1	1		5			3		



Table  
Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	V. DISEASES OF THE DIGESTIVE SYSTEM.																			
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhoea and enteritis (under 2 years).	106. Diarrhoea and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.	118. Appendicitis.	
Berlin					3	27	2												1	
Carroll																				
Clarksville																				
Colebrook					1								2							1
Columbia									1											
Dalton																				
Dummer						1	1													
Errol																				
Gorham																				1
Jefferson						1														
Lancaster																				
Milan					1															
Millsfield																				
Northumberland					1							1								2
Pittsburg																				
Randolph																				
Shelburne																				
Stark																				
Stewartstown						1										1				
Stratford					1	1													1	
Whitefield							1													1
Total					1	6	31	4	1				3		1		4			3



Table

## Causes of Death arranged by Towns and

TOWNS IN COÖS COUNTY.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMA- TIONS.	XI. EARLY INFANCY.		
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of loco- motion.		150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.
Berlin.....			2	1					3	13		
Carroll.....										1		
Clarksville.....										1		
Colebrook.....		1								2		
Columbia.....												
Dalton.....												
Dummer.....												
Erroll.....												
Gorham.....										1		
Jefferson.....									1			
Lancaster.....			1									
Milan.....												
Millsfield.....												
Northumberland.....									1	2		
Pittsburg.....												
Randolph.....												
Shelburne.....												
Stark.....												
Stewartstown.....												
Stratford.....										3		
Whitefield.....												
Total.....		1	3	1					5	23		







Table  
Recapitulation

COUNTIES.	II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.																	
	60. Encephalitis.	61. Simple meningitis.	61a. Epidemic cerebro-spinal meningitis.	62. Locomotor ataxia.	63. Other diseases of the spinal cord.	64. Apoplexy.	65. Softening of the brain.	66. Paralysis without specified cause.	67. General paralysis.	68. Other forms of mental alienation.	69. Epilepsy.	70. Convulsions (non-puerperal; 5 years and over).	71. Convulsions (under 5 years).	72. Tetanus.	73. Chorea.	74. Other diseases of the nervous system.	75. Diseases of the eye.	76. Diseases of the ear.
Rockingham.....	1	17	.....	3	2	63	2	28	..	1	1	.....	2	2	.....	3	.....	.....
Strafford.....	8	.....	.....	1	5	40	..	14	1	.....	.....	.....	8	1	.....	1	.....	.....
Belknap.....	3	.....	.....	1	..	14	1	21	1	1	1	.....	4	.....	.....	.....	.....	.....
Carroll.....	1	6	.....	.....	..	17	..	2	2	..	2	1	2	.....	.....	1	.....	.....
Merrimack.....	15	.....	.....	2	7	75	..	18	24	15	1	.....	..	1	.....	4	.....	.....
Hillsborough.....	4	92	.....	7	5	137	4	40	3	5	6	.....	39	1	.....	7	.....	.....
Cheshire.....	12	.....	.....	1	2	41	3	8	.....	1	.....	4	.....	.....	5	.....	.....	.....
Sullivan.....	1	4	.....	5	1	25	1	7	.....	2	.....	2	.....	.....	.....	.....	.....	.....
Grafton.....	2	10	.....	1	5	51	2	12	..	2	1	1	4	1	.....	5	..	1
Coös.....	2	10	.....	1	1	20	..	2	1	1	1	.....	5	.....	3	.....	.....	.....
Total.....	11	177	.....	22	28	483	13	152	32	25	16	2	70	6	.....	29	..	1



Table  
Recapitulation

COUNTIES.	V. DISEASES OF THE DIGESTIVE SYSTEM.																	
	100. Diseases of the mouth.	101. Diseases of the pharynx.	102. Diseases of the esophagus.	103. Ulcer of the stomach.	104. Other diseases of the stomach.	105. Diarrhœa and enteritis (under 2 years).	106. Diarrhœa and enteritis (2 years and over).	107. Intestinal parasites.	108. Hernia and intestinal obstructions.	109. Other diseases of the intestines.	110. Acute yellow atrophy of the liver.	111. Hydatid tumors of the liver.	112. Cirrhosis of the liver.	113. Biliary calculi.	114. Other diseases of the liver.	115. Diseases of the spleen.	116. Simple peritonitis.	117. Other diseases of the digestive system.
Rockingham.....	1	2	15	19	11	..	3	1	..	4	1	1	1	5	..	1	..	1
Strafford.....	1	..	4	36	8	..	6	1	..	5	1	3	..	1	1	3	..	3
Belknap.....	..	..	4	7	1	..	..	1	..	..	..	..	..	6	..	..	..	..
Carroll.....	1	2	8	7	2	..	4	..	..	1	1	2	1	..	..	..	..	..
Merrimack.....	2	3	18	20	8	..	13	1	1	9	1	4	..	1	..	1	..	1
Hillsborough.....	1	3	5	42	232	21	..	14	4	..	14	1	8	1	17	..	..	11
Cheshire.....	1	..	3	9	15	9	..	4	2	..	3	..	3	7	1	3	..	3
Sullivan.....	1	..	13	12	2	..	2	..	..	2	..	4	..	1	..	3	..	3
Grafton.....	..	..	1	12	14	7	..	7	1	..	8	..	3	10	..	2	..	2
Coös.....	..	..	1	6	31	4	..	1	..	3	..	1	..	4	..	3	..	3
Total.....	2	9	17	131	393	73	..	54	11	1	49	3	25	2	57	3	27	..



Table  
Recapitulation

COUNTIES.	VIII. DISEASES OF THE SKIN AND CELLULAR TISSUE.				IX. DISEASES OF THE ORGANS OF LOCOMOTION.				X. MALFORMATIONS.		XI. EARLY INFANCY.	
	142. Gangrene.	143. Carbuncle.	144. Acute abscess, phlegmon.	145. Other diseases of the skin.	146. Diseases of the bones.	147. Diseases of the joints.	148. Amputation.	149. Other diseases of the organs of locomotion.	150. Congenital malformations.	151. Congenital debility, icterus and sclerema.	152. Other diseases peculiar to early infancy.	153. Lack of care.
Rockingham.....	4		1		2				5	32		
Strafford.....	4		2		1				5	31	2	
Belknap.....	3			1					2	11	1	
Carroll.....	1									10	1	
Merrimack.....	6			1	2				14	46	4	
Hillsborough.....	10		5	2	2				25	155	6	
Cheshire.....	4								6	12	5	3
Sullivan.....	2								4	12	1	
Grafton.....	6	1							7	27	1	2
Coös.....	1	3	1						5	23		
Total.....	40	2	11	5	7				73	359*	21	5

\*Included under this title are 186 premature births (born living).





Epping.....	Males.....	5	2	1	2	2	5	2	2	1	2	4	3	2	1	1	3	1	2	17
	Females.....	1	1	1	1	2	2	2	1	1	1	1	1	1	2	1	2	1	1	8
Exeter.....	Males.....	6	2	1	1	2	1	5	7	6	2	4	2	1	2	4	4	5	1	32
	Females.....	1	1	2	1	4	2	8	2	1	4	1	1	3	2	3	4	1	3	26
Fremont.....	Males.....	1	1	1	1	3	2	1	1	1	1	1	1	1	1	1	1	1	2	7
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Greenland.....	Males.....	3	3	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	1	5
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
Hampstead.....	Males.....	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	5
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Hampton.....	Males.....	1	1	1	2	3	6	1	1	1	2	2	1	1	3	1	2	3	1	14
	Females.....	1	1	1	1	3	2	1	1	1	1	3	1	1	1	1	1	3	1	10
Hampton Falls.....	Males.....	1	1	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	2	3
	Females.....	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	8
Kensington.....	Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Kingston.....	Males.....	1	1	1	2	1	3	3	1	1	2	2	1	1	1	1	2	1	2	9
	Females.....	1	1	1	2	1	1	3	1	1	1	3	1	1	1	1	1	1	1	13
Londonderry.....	Males.....	3	1	1	1	1	2	1	1	1	1	1	1	1	4	1	1	1	3	11
	Females.....	3	1	1	1	1	3	4	1	1	1	1	1	2	1	5	2	1	2	14
Newcastle.....	Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	5
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7
Newfields.....	Males.....	2	1	1	1	4	6	1	2	2	1	2	2	1	2	1	5	2	3	13
	Females.....	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	2	3	18
Newington.....	Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5
Newmarket.....	Males.....	7	5	1	3	2	5	2	4	5	3	8	2	2	2	4	4	3	1	36
	Females.....	5	2	1	1	1	3	2	3	3	1	3	4	2	2	1	3	1	1	21





Table No. 17.—1909.—Continued.

TOWNS IN STRAFFORD COUNTY. —Continued.		Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
		Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.
Middleton.	Males.	15	3	2	1	5	5	11	8	12	1	1	1	1	1	9	4	2	4	2	6	3	6	16	5	2	6	65	128	63
	Females.	13	5	2	1	4	7	4	7	12	6	2	2	1	3	8	3	8	3	1	4	9	7	9	6	4	6	63	128	
Milton.	Males.	1	1	1	1	1	1	2	3	3	2	2	1	1	3	3	1	1	1	1	3	2	1	1	1	2	4	18	18	
	Females.	1	1	1	1	1	1	1	1	3	3	2	1	1	1	1	1	3	3	1	1	1	1	1	3	2	2	13	31	
New Durham.	Males.	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	1	1	5	5	10
	Females.	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	5	5	
Rochester.	Males.	15	3	2	1	5	5	11	8	12	1	1	1	1	4	2	4	2	4	2	6	3	6	16	5	2	6	65	128	
	Females.	13	5	2	1	4	7	4	7	12	6	2	2	1	3	8	3	8	3	1	4	9	7	9	6	4	6	63	128	
Rollinsford.	Males.	2	2	1	1	1	2	1	2	1	5	1	1	1	1	1	1	1	2	1	3	3	1	1	1	1	1	9	17	26
	Females.	2	2	1	1	1	2	1	2	1	5	1	1	1	1	1	1	1	2	1	3	3	1	1	1	1	1	9	17	
Somersworth.	Males.	21	5	2	3	1	2	1	4	8	3	1	1	1	7	3	5	5	5	3	3	5	4	5	7	2	3	52	98	
	Females.	7	5	2	1	2	5	3	4	5	9	2	1	1	8	6	4	3	2	2	5	3	4	2	4	3	2	46	98	
Stratford.	Males.	2	2	1	1	1	1	1	2	1	3	2	1	1	1	1	2	1	1	2	2	1	1	1	1	1	1	10	12	22
	Females.	2	2	1	1	1	1	1	2	1	3	2	1	1	1	1	1	2	3	2	3	1	3	1	1	2	1	10	12	
Total.	Males.	69	12	8	9	10	15	31	41	37	48	27	3	5	30	23	30	30	26	21	29	22	22	32	25	24	30	315	357	
	Females.	37	16	5	5	14	22	20	32	48	80	40	7	1	20	23	45	39	24	24	24	24	20	23	33	23	29	327	642	

TOWNS IN  
BELKNAP COUNTY.

	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
Alton.....	2	1	2	1	1	2	3	5	4	4	3	1	1	2	2	4	4	3	1	4	4	1	2	2	1	1	1	23	35
Males.....	1	1	1	1	2	2	3	4	2	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	12	12	
Females.....	1	1	1	1	1	1	1	2	2	2	1	1	1	1	1	2	2	2	1	3	3	1	1	1	1	1	11	23	
Barnstead.....	2	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	3	2	8	17	
Males.....	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	13	
Females.....	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	4	
Belmont.....	1	1	1	1	1	1	2	3	2	1	2	2	2	2	2	1	1	2	2	2	2	1	1	1	2	2	11	17	
Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	6	11	
Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	6	
Centre Harbor.....	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	5	6	
Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Females.....	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	5	
Gilford.....	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	11	
Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	10	
Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	
Gilmanton.....	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	6	10	
Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	10	
Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	6	
Laconia.....	23	1	1	7	2	5	4	18	17	9	1	1	4	9	9	9	9	7	9	10	6	8	8	5	8	5	89	170	
Males.....	14	7	2	4	6	5	4	11	15	10	2	2	8	7	13	13	13	5	2	10	1	5	4	5	8	5	81	170	
Females.....	9	4	5	1	1	1	1	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	8	170	
Meredith.....	2	1	2	1	1	1	1	3	1	4	1	1	1	2	1	1	1	2	1	2	2	2	1	1	1	1	15	27	
Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	27	
Females.....	1	1	1	1	1	1	1	2	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	10	
New Hampton.....	1	1	1	1	1	1	1	2	2	2	2	2	1	1	1	1	1	1	1	3	3	1	1	1	1	1	6	8	
Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	8	
Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	4	10	
Sanbornton.....	1	1	1	1	1	1	2	2	6	1	1	1	1	1	1	1	1	2	2	2	1	3	3	2	1	1	10	17	
Males.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	17	
Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	10	
Tilton.....	1	1	2	1	2	1	1	9	7	2	1	1	1	5	2	4	6	6	2	2	2	2	2	2	4	1	25	41	
Males.....	1	1	1	1	1	1	1	7	1	1	1	1	1	2	5	1	1	1	1	1	1	1	1	1	4	1	16	41	
Females.....	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9	17	
Total.....	29	3	12	16	5	9	14	46	51	22	4	4	1	12	20	21	22	21	21	21	20	10	18	12	13	13	203	359	
Males.....	20	8	2	1	7	9	8	11	31	22	32	4	1	11	12	12	22	20	13	7	14	4	12	10	14	156	359		
Females.....	9	5	9	8	11	22	14	15	20	10	10	10	10	10	9	9	10	10	8	14	6	4	6	10	13	147	359		





Table No. 17.—1909.—Continued.

TOWNS IN MERRIMACK COUNTY. —Continued.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
	Boscawen.....	Males.....	1	1	1	1	2	3	3	3	4	1	1	2	2	3	1	1	1	1	2	3	2	3	1	1	1	1	19
	Females.....	1	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	2	1	1	3	1	1	1	1	1	1	10	
Bow.....	Males.....	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	9	
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4		
Bradford.....	Males.....	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	6	13	
	Females.....	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7		
Canterbury.....	Males.....	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	11	
	Females.....	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4		
Chichester.....	Males.....	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	5	8	
	Females.....	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	3		
Concord.....	Males.....	28	7	5	5	14	33	30	34	44	21	3	1	19	20	23	24	31	31	42	26	16	21	24	13	20	249	463	
	Females.....	17	8	2	3	15	13	31	36	34	36	4	2	22	17	21	18	22	22	18	15	13	26	18	13	11	214		
Danbury.....	Males.....	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	6	
	Females.....	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3		
Dunbarton.....	Males.....	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	1	4	14	
	Females.....	1	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	2	1	2	2	2	1	1	1	2	9	14	
Epsom.....	Males.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	9	14	
	Females.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5		
Franklin.....	Males.....	14	4	2	4	5	2	7	10	5	3	3	3	6	8	6	8	8	5	4	3	1	2	6	4	3	56	101	
	Females.....	13	4	2	1	2	1	3	7	7	5	5	5	1	5	4	7	4	4	4	2	3	2	4	7	2	45		
Henniker.....	Males.....	1	1	1	1	1	1	1	1	2	3	3	2	2	2	4	1	2	2	2	2	2	2	2	3	2	14	24	
	Females.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	10		







Table No. 17.—1909.—Continued.

TOWNS IN HILLSBOROUGH COUNTY. —Continued.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
		1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
Pelham.	Males.	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	1	3	3	2	2	1	1	1	1	1	1	5	5
	Females.	1	1	1	1	3	2	2	2	1	3	1	1	1	1	1	2	1	3	3	1	1	1	1	1	1	1	8	13
Peterborough.	Males.	3	1	1	3	3	3	5	3	2	2	2	2	1	1	3	1	1	2	2	2	1	2	4	1	2	20	20	
	Females.	6	1	1	3	3	3	1	3	3	3	3	1	1	3	1	1	1	2	2	2	1	2	2	3	2	18	38	
Sharon.	Males.							1																		1	1	1	
	Females.																									1	1	1	
Temple.	Males.	1															1									1	2	3	
	Females.																1									1	3	5	
Weare.	Males.	3	2	1	2	4	4	4	4	4	4	1	1	1	4	2	1	1	2	2	1	2	1	3	3	1	20	20	
	Females.	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	3	1	1	1	1	1	1	1	1	1	10	30	
Wilton.	Males.	2	1	1	1	3	3	3	3	3	3	1	1	1	1	1			5	5	2	2	2	1	1	1	12	12	
	Females.	1	1	1	1	3	3	3	3	3	3	1	1	1	1	2											6	18	
Windsor.	Males.																	1	1								1	1	
	Females.																												
Total.	Males.	365	107	27	41	63	85	75	74	143	119	74	4	5	94	91	97	80	98	110	131	90	96	113	96	87	1183	1183	
	Females.	286	92	26	30	65	86	70	101	119	134	93	19	1	93	86	92	95	88	78	125	96	94	88	87	100	1122	2305	



Table No. 17.—1908.—Continued.

TOWNS IN CHESHIRE COUNTY. —Continued.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.		
	Rindge.....	2		1	1				1	2			1			2							2	1	1		1		5		
Males.....																												4			
Females.....			1	1				1	2			1			2							2	1	1		1		1			
Roxbury.....	1														1													1		1	
Males.....																															
Females.....															1													1		1	
Stoddard.....										1					1							1						1		1	
Males.....																															
Females.....										1					1							1						1		1	
Sullivan.....										1	2					2						1			1			2		4	
Males.....																												1		1	
Females.....										1	2					2						1			1			1		3	
Surry.....	1	1					1			1					1									1			2		3	5	
Males.....															1													1		1	
Females.....	1	1					1			1					2									1			1		2	4	
Swansey.....	4									2	2	1			1		2	4	1	3	2	3	1	1	2	2		10		18	28
Males.....	2									1	3				1		1	1	3	2	1	1	1	2	2		6		10	18	
Females.....	2									1	3	1			2		3	2	1	1	1	2	2	1	2		4		8	18	
Troy.....	3	2	1							2	3	1			3	2	1				1		2		2		7		12	19	
Males.....	2	1								1	2	1			1	1					1		2		2		5		7	19	
Females.....	1	1								1	1				2	1					1		1		1		2		7	19	
Walpole.....	4	1								5	2	2			1	4	7				2	1	2	1	1	3		19		31	31
Males.....	5	1								1	1	2			2	2	1				1	2	1	2	1	2		12		31	
Females.....	1	1								4	1	2			1	2	1				1	1	2	2	2	1		7		12	
Westmoreland.....	3	1								3	2	3	1		2	2	1	3			1		2	2	2	1		12		23	23
Males.....	1	1								2	1	2	1		2	2	1	3			2		2	2	2	1		11		23	
Females.....	2									1	1	1			1	1	2	2			1		1	1	1			1		11	
Winchester.....	3	1								3	3	1			2	1	4	2			1		2	1	1	2		13		25	25
Males.....	2	1								1	3	1			1	4	2				1		1	1	1	2		12		25	
Females.....	1									2					1	4	2				1		1	1	1	1		1		12	
Total.....	41	13	3	9	8	10	12	21	40	41	23	5	1	17	28	28	26	22	22	12	12	16	19	17	15	15	227	248	476		
Males.....	36	11	5	7	9	14	16	27	31	52	32	8		23	19	31	21	24	24	25	12	13	20	20	18	22	248	476			
Females.....																															
Not stated.....	1																									1					

TOWNS IN  
SULLIVAN COUNTY.

	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.
Aworth.....	1	2	1	1	1	1	1	1	1	3	5	1			1			1	2	3	1	2	3	1	1	1		11	16
Males.....										1	1																	5	
Females.....	1	2	1	1	1	1	1	1	1	2	4	1			1			1	2	3	1	2	3	1	1	1		6	
Charlestown.....	1	1	1	1	1	1	1	1	1	1	4	6			2	1	1	4	3	2	1	1	1	1	1	1		13	29
Males.....	1	1	1	1	1	1	1	1	1	1	2	4			2	1	1	3	2	2	1	1	1	1	1	1		16	
Females.....	1	1	1	1	1	1	1	1	1	1	2	2			1	1	1	1	1	1	1	1	1	1	1	1		7	
Claremont.....	12	2	1	1	4	4	4	7	8	9	4	4	1		3	5	6	4	7	2	2	4	6	6	5	3		53	96
Males.....	13	2	3	4	4	4	4	4	7	8	4	4	1		1	2	6	5	3	3	1	4	6	5	5	2		43	
Females.....																												10	
Cornish.....																2	1	1										7	11
Males.....																1	1											4	
Females.....																1	1											3	
Croydon.....															1	1												2	2
Males.....															1	1												2	
Females.....																												2	4
Goshen.....	1																		1	2			1					4	8
Males.....	2																		1	1			1					4	
Females.....																												4	8
Grantham.....																												2	6
Males.....																												2	
Females.....																												4	6
Langdon.....																												2	4
Males.....																												2	
Females.....																												4	6
Lempster.....																												2	7
Males.....																												2	
Females.....																												5	7
Newport.....	6	1	2	2	4	3	4	3	4	5	3	3			4	4	1	4	1	1	1	3	2	4	3	5		30	59
Males.....	4	3	2	2	2	4	3	4	3	9	3	3			4	3	2	7	1	1	2	2	2	2	2	2		29	
Females.....																												1	59
Plainfield.....	1	1	1	1	1	1	1	1	1	3	2	2				2	1	1	1	2	1	1	1	1	2		9	18	
Males.....																												9	
Females.....	1	1	1	1	1	1	1	1	1	3	2	2				2	1	1	1	2	1	1	1	2			9	18	













Table

## Recapitulation, Deaths by Ages, Sex,

COUNTIES.		Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.
Rockingham.....	Males.....	54	18	2	7	19	25	35	59	78	101	54
	Females.....	43	14	10	13	10	23	24	37	56	75	51
	Not stated.....											
Strafford.....	Males.....	69	12	8	9	10	15	31	41	37	48	27
	Females.....	37	16	5	5	14	22	20	32	48	80	40
	Not stated.....											
Belknap.....	Males.....	29	3	1	2	16	5	9	14	46	51	22
	Females.....	20	8	2	1	7	9	8	11	31	22	32
	Not stated.....											
Carroll.....	Males.....	12	5	2	4	9	3	10	14	26	19	12
	Females.....	16	3	1	4	6	6	4	19	19	22	25
	Not stated.....	1										
Merrimack.....	Males.....	74	22	11	13	21	57	44	61	84	97	53
	Females.....	54	25	4	11	23	31	24	54	66	95	77
	Not stated.....											
Hillsborough.....	Males.....	365	107	27	41	63	85	75	74	143	119	74
	Females.....	286	92	26	30	65	86	70	101	119	134	93
	Not stated.....											
Cheshire.....	Males.....	41	13	3	9	8	10	12	21	40	41	23
	Females.....	36	11	5	7	9	14	16	27	31	52	32
	Not stated.....	1										
Sullivan.....	Males.....	28	4	1	3	6	9	11	15	24	34	17
	Females.....	21	6	4		8	5	12	8	19	38	24
	Not stated.....											
Grafton.....	Males.....	48	11	8	14	13	19	25	28	63	80	40
	Females.....	43	17	2	11	15	20	21	39	45	62	38
	Not stated.....											
Coös.....	Males.....	56	8	3	8	11	20	14	18	33	31	15
	Females.....	35	9	4	4	10	11	17	14	18	24	20
	Not stated.....	1										
Total.....	Males.....	776	203	66	110	176	248	266	345	574	621	337
	Females.....	591	201	63	86	167	227	216	342	452	604	432
	Not stated.....	3										
Grand total.....		1370	404	129	196	343	475	482	687	1026	1225	769

No. 17.—*Concluded.*

and Months, by Counties, \* 1909.

90 to 100.	Over 100.	Unknown.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.	Total.	Grand total.	
3	12	1	36	33	52	34	41	45	36	34	41	34	40	29	...	455	727	
...	...	4	29	29	43	26	30	27	24	32	40	32	36	24	...	272		
3	7	5	30	23	30	26	21	29	22	22	32	25	24	30	1	315	642	
...	...	1	20	23	45	39	24	24	24	20	23	33	23	29	...	327		
4	4	1	12	20	21	22	21	21	20	10	18	12	13	13	...	203	359	
...	...	1	11	12	22	20	13	7	14	4	12	10	14	17	...	156		
2	4	6	12	13	11	9	10	9	5	5	15	15	8	12	...	124	254	
...	...	...	3	14	19	9	13	8	7	16	16	9	6	9	...	129		
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1		
9	11	3	44	47	46	59	65	33	45	32	45	50	37	45	1	549	1,027	
...	...	3	38	48	39	53	51	49	31	33	43	38	27	28	...	478		
4	9	1	94	91	97	80	98	110	131	90	96	113	96	87	...	1,183	2,305	
...	...	1	93	86	92	95	88	78	125	96	94	88	87	100	...	1,122		
5	8	1	17	28	28	26	22	12	12	16	19	17	15	15	...	227	476	
...	...	...	23	19	31	21	24	25	12	13	20	20	18	22	...	248		
9	4	...	11	16	14	17	18	8	6	13	13	18	14	13	...	161	311	
...	...	1	14	13	12	20	13	12	2	11	18	12	9	14	...	150		
9	7	7	35	28	30	35	34	25	23	37	39	33	22	23	1	365	689	
...	...	1	18	26	39	30	41	28	27	19	30	19	22	25	...	324		
2	1	3	13	17	25	20	19	17	18	25	15	21	18	14	...	222	392	
...	...	2	10	8	18	8	15	17	12	25	15	20	10	11	...	169		
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	392	
49	77	1	32	304	316	354	328	349	309	318	284	333	338	287	281	2	3,804	7,282
...	...	1	16	259	278	360	321	312	275	278	269	311	281	252	279	...	3,475	
...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	3	7,282	
126	2	48	563	595	714	649	661	584	597	553	644	619	539	561	3	7,282	7,282	

\*Not including still births.











	3	6	1	6	9	55	52	20	6	2	1	202 19	393	221	172	202 19	1
M.	3	6	1	6	9	55	52	20	6	2	1	156	393	221	172	156	1
F.	3	4	2	4	4	45	39	16	2	1	1	15	73	35	38	12	1
M.	1	2	5	3	3	5	3	6	4	1	1	10	54	21	33	3	1
F.	1	1	3	2	3	4	7	6	3	5	1	3	54	21	33	3	1
M.	2	2	1	3	2	2	1	3	1	2	2	3	11	2	9	3	0
F.	1	4	2	1	3	2	4	2	4	4	1	4	11	2	9	3	0
M.	1	1	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1
F.	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1
M.	3	3	4	2	3	2	1	1	3	5	1	1	49	28	21	1	2
F.	1	2	4	2	3	2	1	1	2	2	1	2	49	28	21	1	2
M.	1	2	3	4	2	3	2	1	1	1	1	3	25	14	11	4	1
F.	1	1	1	1	1	1	3	1	3	1	3	4	25	14	11	4	1
M.	1	2	2	1	2	1	2	1	2	1	2	1	2	1	1	1	2
F.	1	2	2	1	2	1	2	1	2	1	2	1	2	1	1	1	2
M.	2	5	1	1	3	5	1	1	1	1	1	1	57	24	33	1	2
F.	3	2	5	3	3	1	3	4	1	5	3	3	57	24	33	1	2
M.	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1
M.	2	2	1	1	3	2	4	1	1	1	1	1	27	18	9	1	1
F.	1	2	1	1	1	1	1	1	2	2	1	1	27	18	9	1	1

## VI. DISEASES OF THE GENITO-URINARY SYSTEM AND ITS ANNEXA.

M.	1	1	3	1	3	2	1	2	37	15	22	1	37	15	22	1	1
F.	3	2	1	4	1	1	3	3	3	2	1	3	40	226	176	3	1
M.	16	15	22	16	25	13	20	17	27	20	16	19	10	2	2	2	2
F.	14	12	14	16	19	18	13	9	11	18	14	18	10	2	2	2	2
M.	1	1	2	1	1	1	1	2	14	6	8	1	14	6	8	1	1
F.	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.	2	4	1	4	3	1	1	3	2	3	3	1	33	25	8	1	3
F.	3	2	1	1	1	1	1	1	1	1	1	1	33	25	8	1	3
M.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.	1	2	3	1	2	1	1	1	2	12	2	2	12	12	2	2	3
F.	1	1	2	2	1	1	1	2	2	9	9	2	2	9	9	2	3
M.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
M.	1	1	1	1	1	1	1	2	1	2	2	2	1	2	2	2	1
F.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

105. Diarrhoea and enteritis (under 2 years)

Diarrhoea and enteritis (under 2 years)

106. Diarrhoea and enteritis (2 years and over)

Diarrhoea and enteritis (2 years and over)

108. Hernia and intestinal obstructions

Hernia and intestinal obstructions

109. Other diseases of the intestines

Other diseases of the intestines

110. Acute yellow atrophy of the liver

Acute yellow atrophy of the liver

112. Carcinoma of the liver

Carcinoma of the liver

113. Biliary calculi

Biliary calculi

114. Other diseases of the liver

Other diseases of the liver

115. Diseases of the spleen

Diseases of the spleen

116. Simple peritonitis

Simple peritonitis

117. Other diseases of the digestive system

Other diseases of the digestive system

118. Appendicitis

Appendicitis

119. Acute nephritis

Acute nephritis

120. Bright's disease

Bright's disease

121. Other diseases of the kidneys

Other diseases of the kidneys

122. Calculi of the urinary tract

Calculi of the urinary tract

123. Diseases of the bladder

Diseases of the bladder

124. Diseases of the urethra

Diseases of the urethra

125. Diseases of the prostate

Diseases of the prostate

129. Uterine hemorrhage (non-puerperal)

Uterine hemorrhage (non-puerperal)

130. Other diseases of the uterus

Other diseases of the uterus

131. Cysts and other tumors of the ovary

Cysts and other tumors of the ovary

132. Other diseases of the female genital organs

Other diseases of the female genital organs

133. Non-puerperal diseases of the breast

Non-puerperal diseases of the breast







## SUMMARY OF VITAL STATISTICS.

**Table No. 19.**  
**Population of Counties in 1880, 1890, and 1900.**

Counties.	1880.	1890.	1900.
Rockingham.....	49,064	49,650	51,118
Strafford.....	35,558	38,442	39,337
Belknap.....	17,948	20,321	20,321
Carroll.....	18,224	18,124	16,895
Merrimack.....	46,300	49,435	52,430
Hillsborough.....	75,634	93,247	112,640
Cheshire.....	28,734	29,579	31,321
Sullivan.....	18,161	17,304	18,009
Grafton.....	38,788	37,217	40,844
Coös.....	18,580	23,211	29,468
Total.....	346,991	376,530	411,588

The above table shows the population by counties according to the United States census for 1880, 1890, and 1900. It is from these figures that our calculations are made in arriving at the estimated population for each year as given in Table No. 24. The calculation is made upon the assumption that the increase between the respective decennial periods was constant. This would, doubtless, approximate very closely the exact population for each. At least it would be near enough to give correct percentages to an exceedingly small fraction. Percentages when given by years (excepting for census years) are based upon deductions made in the manner just stated.

**Table No. 20.**  
**Population of New Hampshire by Age Periods, Census Years**  
**1880, 1890, and 1900.**

Ages.	1880.	1890.	1900.
1 to 10.....	60,803	61,033	73,695
10 to 20.....	62,724	68,363	67,617
20 to 30.....	63,252	68,672	73,992
30 to 40.....	46,532	53,533	60,334
40 to 50.....	39,344	42,946	49,598
50 to 60.....	31,998	35,032	37,856
60 to 70.....	23,417	25,447	27,280
70 to 80.....	14,227	14,972	15,132
Over 80.....	4,694	5,469	4,956
Age unknown.....		1,063	1,128
Total.....	346,991	376,530	411,588

Table No. 21.—Births.  
Showing Births from 1880 to 1909, inclusive.

Counties.	Births.																													
	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Rockingham.....	733	675	749	692	637	640	757	727	750	752	773	764	797	895	806	859	857	871	899	884	866	917	850	947	895	977	1043	1005	1034	986
Stafford.....	322	423	625	698	640	621	662	701	725	705	784	814	808	861	799	853	866	883	913	867	856	838	816	820	810	843	938	842	864	911
Belknap.....	215	227	273	261	242	256	263	296	307	328	322	370	395	353	403	361	388	328	325	295	305	317	312	330	336	354	370	417	400	430
Carroll.....	153	198	274	286	275	245	264	249	236	260	261	279	309	312	318	304	280	328	270	276	260	270	242	282	259	261	284	249	296	272
Merrimack.....	628	750	809	723	739	734	818	773	852	921	938	1032	988	1069	1107	1010	1018	986	980	1001	967	1023	994	938	1040	997	1010	989	951	935
Hillsborough.....	840	879	1617	1675	1843	1952	2148	2313	1798	1923	1963	2144	2286	2489	2207	2529	2768	2697	2600	2378	2832	2446	2651	2641	2587	2722	2638	2651	2650	2758
Cheshire.....	255	348	445	496	554	511	514	525	553	546	543	602	611	665	538	622	578	551	507	647	578	607	645	605	606	625	610	645	675	644
Sullivan.....	245	236	265	269	268	267	230	269	276	287	306	309	339	312	309	337	285	304	302	290	309	327	323	303	314	370	329	366	366	345
Grafton.....	584	593	657	647	643	631	623	623	599	695	636	658	618	720	667	720	705	729	729	727	724	713	687	722	761	790	841	738	852	801
Cooks.....	274	286	410	403	406	462	378	434	347	495	420	538	595	672	686	657	689	782	706	753	738	706	729	730	756	843	871	861	882	831
Total.....	4219	4615	6124	6130	6247	6319	6657	6910	6443	6912	6946	7510	7746	8348	7860	8252	8434	8459	8321	8118	8435	8164	8249	8318	8364	8782	9234	9083	9270	8913

Since 1893 still births and premature births have been excluded from this table. They will be found elsewhere.

Table No. 22.—Marriages.  
Showing Number of Marriages from 1880 to 1909, inclusive, by Years.

Countries.	Population in 1880.	Population in 1890.	Population in 1900.	Marriages.																													
				1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Rockingham..	49,064	49,650	51,118	310	382	419	399	419	447	440	457	420	484	438	507	502	546	459	545	535	503	489	512	561	544	595	525	459	499	603	604	621	683
Strafford.....	35,558	38,442	39,337	255	332	428	425	415	388	418	420	416	377	457	466	466	467	471	472	482	455	426	439	413	405	391	418	362	464	503	499	442	417
Belknap.....	17,948	20,321	19,526	108	177	166	198	147	150	183	213	183	186	178	200	208	194	192	208	177	152	168	176	183	157	168	219	176	200	197	189	177	185
Carroll.....	18,224	18,124	16,895	136	149	159	175	171	182	177	149	163	176	155	200	190	205	174	177	191	160	170	162	148	156	138	162	157	155	144	167	170	150
Merrimack...	46,300	49,435	52,430	330	353	364	432	344	361	345	421	405	423	473	430	463	478	446	426	437	414	457	419	471	448	431	415	410	478	423	467	393	395
Hillsborough..	75,634	93,247	112,640	752	674	1025	949	886	815	876	915	879	1013	939	1043	1252	1138	1017	1095	1130	1080	1022	957	1098	1062	1142	1201	1133	1202	1294	1290	1109	1182
Cheshire.....	28,734	29,579	31,321	195	206	232	262	238	233	240	255	221	250	237	289	269	255	265	263	257	237	255	270	275	325	268	263	282	315	293	314	279	249
Sullivan.....	18,161	17,394	18,009	134	151	149	167	138	109	140	123	146	154	172	175	152	151	153	156	142	150	155	119	167	153	191	154	158	176	214	207	179	173
Grafton.....	38,788	37,217	40,844	274	270	319	339	332	327	318	328	322	343	314	338	332	356	401	406	365	350	385	380	369	400	401	357	379	392	396	451	407	370
Cooks.....	18,580	23,211	29,468	135	146	172	149	202	168	187	214	224	215	238	256	240	300	303	267	316	275	266	277	298	321	336	290	287	331	311	358	321	275
Total.....	346,991	376,530	411,588	2629	2830	3433	3445	3292	3180	3324	3495	3379	3621	3621	3904	4074	4090	3881	4015	4053	3776	3793	3741	3983	4001	4061	4004	3803	4212	4378	4546	4098	4079

Table No. 23.—Deaths.  
Showing Deaths from 1880 to 1909, inclusive.

Counties.	Deaths.																													
	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
Roekingham.....	627	717	732	699	873	911	963	876	896	875	1065	991	1026	1033	901	910	876	912	844	875	866	917	879	857	816	933	878	932	872	827
Strafford.....	184	329	372	494	627	619	609	673	688	691	801	809	864	742	617	624	675	719	707	729	856	838	597	636	660	711	671	666	645	642
Belknap.....	147	153	219	262	285	289	362	369	392	389	374	392	440	369	381	338	346	332	317	356	305	317	338	377	322	357	407	358	349	359
Carroll.....	107	189	219	253	333	269	303	294	328	298	303	341	342	305	299	297	284	282	277	290	260	270	261	278	244	278	269	274	256	254
Merrimack.....	595	695	726	762	736	796	833	835	920	891	983	951	1064	1063	953	930	887	872	827	914	967	1023	856	949	944	941	997	1005	978	1027
Hillsborough.....	1203	1396	1390	1551	1655	1701	1681	1697	1846	1740	1973	1957	2062	2103	1902	1980	2024	2046	1899	1990	2832	2446	2039	1977	1923	2283	2303	2226	2065	2305
Cheshire.....	240	271	405	418	497	494	475	482	488	525	557	482	608	595	514	512	438	479	499	523	578	607	435	458	535	508	495	524	514	476
Sullivan.....	190	261	261	254	273	284	328	283	327	314	382	280	382	362	326	316	285	315	306	272	309	327	270	312	275	291	289	315	328	311
Grafton.....	429	482	487	547	652	611	616	602	655	625	651	648	749	696	638	651	634	689	638	662	724	713	611	678	634	622	744	706	679	689
Cob's.....	107	157	190	181	263	227	256	368	314	348	329	459	421	395	367	341	342	381	389	434	738	706	363	447	451	415	480	475	392	
Total.....	3826	4650	5001	5421	6194	6201	6426	6479	6854	6696	7368	7310	7988	7663	6898	6929	6791	7027	6743	7045	8435	8164	6649	6969	6804	7339	7498	7486	7161	7282

Since 1893 still births and premature births have been excluded from this table. They will be found elsewhere.

Table No. 24.

**Births, Marriages and Deaths, with the Population and Rates, for 1884 to 1909, inclusive.**

Years.	Population.*	Births.	Marriages.	Deaths.	Birth-rate per 1,000.	Persons married to 1,000.	Death-rate per 1,000.
1884.....	358,845	6,247	3,202	6,194	17.40	18.34	17.26
1885.....	361,806	6,319	3,180	6,201	17.46	17.56	17.13
1886.....	364,767	6,657	3,324	6,426	18.24	18.22	17.61
1887.....	367,728	6,910	3,495	6,479	18.78	19.00	17.61
1888.....	370,689	6,443	3,379	6,854	17.38	18.22	18.48
1889.....	373,650	6,912	3,621	6,696	18.49	19.36	17.91
1890.....	376,530	6,946	3,621	7,368	18.44	19.22	19.56
1891.....	379,896	7,510	3,904	7,310	19.77	20.55	19.24
1892.....	383,292	7,746	4,074	7,988	20.21	21.26	20.84
1893.....	386,719	8,348	4,090	7,663	21.58	21.15	19.81
1894.....	390,177	7,860	3,881	6,898	20.14	19.89	17.68
1895.....	393,665	8,252	4,015	6,929	20.96	20.39	17.60
1896.....	397,185	8,434	4,032	6,791	21.23	20.30	17.09
1897.....	400,737	8,459	3,776	7,027	21.11	18.86	17.55
1898.....	404,322	8,321	3,793	6,743	20.58	18.76	16.68
1899.....	407,938	8,118	3,741	7,045	19.90	18.33	17.27
1900.....	411,588	8,435	3,983	7,624	20.49	19.35	18.52
1901.....	413,486	8,164	4,001	6,975	19.17	19.35	16.86
1902.....	415,384	8,249	4,061	6,649	19.85	19.55	16.00
1903.....	417,282	8,318	4,004	6,969	19.93	19.19	16.70
1904.....	419,180	8,364	3,803	6,804	19.95	18.14	16.23
1905.....	421,078	8,782	4,212	7,339	20.85	20.00	17.42
1906.....	422,976	9,234	4,378	7,498	21.83	20.80	17.72
1907.....	424,874	9,083	4,546	7,486	21.37	21.39	17.61
1908.....	426,772	9,270	4,098	7,161	21.72	19.20	16.77
1909.....	428,670	8,913	4,079	7,282	20.79	19.03	16.98

\*Population estimated for all but census years.

Table No. 25.

Population of 1900: Births, Marriages, and Deaths, with rates of each to 1,000 of the population, for the year ending December 31, 1908.

Counties.	Population in 1900.	Births.	Rate per 1,000 of population.	Marriages.	Rate per 1,000 of population.	Deaths.	Rate per 1,000 of population.
Rockingham.....	51,118	1,034	20.20	621	12.14	872	17.05
Strafford.....	39,337	864	21.96	442	11.23	645	16.39
Belknap.....	19,526	400	20.48	177	9.06	349	17.87
Carroll.....	16,895	296	17.52	170	10.05	256	15.15
Merrimack.....	52,430	951	18.13	393	7.49	978	18.65
Hillsborough.....	112,640	2,950	26.18	1,109	9.84	2,065	18.33
Cheshire.....	31,321	675	21.55	279	8.90	514	16.41
Sullivan.....	18,009	366	20.22	179	9.93	328	18.12
Grafton.....	40,844	852	20.85	407	9.96	679	16.62
Coös.....	29,468	882	29.93	321	10.89	475	16.11
Total.....	411,588	9,270	22.52	4,098	9.95	7,161	17.39

Table No. 26.

Population of 1900: Births, Marriages and Deaths, with rates of each to 1,000 of the Population, for the year ending December 31, 1909.

Counties.	Population in 1900.	Births.	Rate per 1,000 of population.	Marriages.	Rate per 1,000 of population.	Deaths.	Rate per 1,000 of population.
Rockingham.....	51,118	986	19.28	683	13.36	827	16.17
Strafford.....	39,337	911	23.15	417	10.60	642	16.32
Belknap.....	19,526	430	22.02	185	9.47	359	18.39
Carroll.....	16,895	272	16.09	150	8.87	254	15.03
Merrimack.....	52,430	935	17.83	395	7.53	1,027	19.58
Hillsborough.....	112,640	2,758	24.48	1,182	10.49	2,305	20.46
Cheshire.....	31,321	644	20.56	249	7.94	476	15.19
Sullivan.....	18,009	345	19.06	173	9.60	311	17.18
Grafton.....	40,844	801	19.61	370	9.05	689	16.86
Coös.....	29,468	831	28.20	275	9.33	392	13.30
Total.....	411,588	8,913	21.65	4,079	9.91	7,282	17.69

Table No. 27.

## Percentage of American and Foreign Births, by Counties, 1908.

Counties.	Parents.			Births with percentage not stated.
	American born.	Foreign born.	One foreign born.	
Rockingham.....	57.05	24.56	15.66	28
Strafford.....	36.69	41.55	16.78	17
Belknap.....	52.00	26.75	18.75	10
Carroll.....	78.71	6.75	11.48	9
Merrimack.....	47.84	29.23	20.92	19
Hillsborough.....	28.03	51.38	18.77	53
Cheshire.....	56.44	25.18	16.29	14
Sullivan.....	59.80	19.39	18.57	8
Grafton.....	59.62	16.39	21.00	26
Coös.....	29.13	45.01	24.14	15
Total for state.....	43.37	35.71	18.75	199

Table No. 28.

## Percentage of American and Foreign Births, by Counties, 1909.

Counties.	Parents.			Births with percentage not stated.
	American born.	Foreign born.	One foreign born.	
Rockingham.....	55.51	26.67	17.82	15
Strafford.....	41.82	40.93	17.24	12
Belknap.....	49.88	29.12	21.00	11
Carroll.....	74.62	7.68	17.69	12
Merrimack.....	53.48	27.39	19.13	15
Hillsborough.....	29.08	50.68	20.24	31
Cheshire.....	57.71	27.98	14.31	15
Sullivan.....	61.01	21.73	17.26	9
Grafton.....	64.99	12.87	22.13	24
Coös.....	31.05	44.49	24.46	13
Total for state.....	44.88	35.59	19.53	157

## MARRIAGES.

Table No. 29.

Marriage Rates for 1882 to 1909, inclusive.\*

Years.	Marriages.	Persons married to 1,000 living.	Number living to one married.
1882.....	3,433	19.44	103
1883.....	3,495	19.68	102
1884.....	3,292	18.34	109
1885.....	3,180	17.56	114
1886.....	3,324	18.22	109
1887.....	3,495	19.00	105
1888.....	3,379	18.22	109
1889.....	3,621	19.36	103
1890.....	3,621	19.22	103
1891.....	3,904	20.55	97
1892.....	4,074	21.26	93
1893.....	4,090	21.15	94
1894.....	3,881	19.89	100
1895.....	4,015	20.39	98
1896.....	4,032	20.30	97
1897.....	3,776	18.86	106
1898.....	3,793	18.76	106
1899.....	3,741	18.33	107
1900.....	3,983	19.35	103
1901.....	4,001	19.35	103
1902.....	4,061	19.55	102
1903.....	4,004	19.19	104
1904.....	3,803	18.14	110
1905.....	4,212	20.00	99
1906.....	4,378	20.80	96
1907.....	4,546	21.39	93
1908.....	4,098	19.20	104
1909.....	4,079	19.03	105

\*Population estimated for all but census years.

Table No. 30.  
Marriage Rates for 1882 to 1909, inclusive, by Counties.

Counties.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
Rockingham . . . . .	8.51	8.09	8.49	9.04	8.89	9.22	8.45	9.72	9.22	10.21	10.08	10.96	9.24	10.98	10.77	10.13	9.85	10.31	10.97	10.64	11.63	10.27	8.97	9.76	11.79	11.81	12.14	13.36
Stafford . . . . .	11.84	11.66	11.30	10.48	11.21	11.17	10.98	9.88	11.88	12.12	11.94	11.88	12.25	12.28	12.54	11.84	11.08	11.42	10.49	10.29	9.94	10.63	9.20	11.79	12.78	12.68	11.23	10.60
Belknap . . . . .	9.01	10.61	7.78	7.84	9.45	10.87	9.23	9.27	8.75	9.84	10.00	9.22	9.44	10.23	8.71	7.48	8.26	8.66	9.37	8.04	8.60	11.22	9.01	10.24	10.08	9.67	9.06	9.47
Carroll . . . . .	8.73	9.62	9.40	10.01	9.74	8.21	8.98	9.71	8.55	11.03	10.43	11.33	9.60	9.77	10.54	8.83	9.38	8.93	8.76	9.23	8.17	9.58	9.29	9.17	8.52	9.88	10.05	8.87
Merrimack . . . . .	7.75	9.14	7.23	7.54	7.16	8.68	8.30	8.61	9.56	8.69	9.24	9.46	9.02	8.62	8.84	8.37	9.24	8.48	8.98	8.54	8.22	7.91	7.81	9.11	8.06	8.90	7.49	7.53
Hillsborough . . . . .	12.95	11.73	10.72	9.65	10.17	10.41	9.80	11.08	10.07	11.18	12.93	10.15	10.91	11.74	12.12	11.58	10.96	10.26	9.74	9.69	10.14	10.66	10.05	10.67	11.48	11.45	9.84	10.49
Cheshire . . . . .	8.01	9.02	8.01	7.97	8.18	8.66	7.48	8.43	8.01	9.77	9.04	8.55	8.95	8.89	8.69	8.01	8.62	9.13	8.78	10.38	8.55	8.39	9.00	10.05	9.35	10.02	8.90	7.94
Sullivan . . . . .	8.28	9.27	7.74	6.14	7.93	7.00	8.35	8.86	9.93	10.11	8.44	8.85	8.84	9.01	8.21	8.67	8.95	8.61	9.27	8.49	10.61	8.55	8.77	9.77	11.88	11.49	9.93	9.60
Grafton . . . . .	8.28	8.83	8.68	8.59	8.38	8.68	8.55	9.15	8.43	9.10	8.62	9.69	10.77	10.91	9.81	9.40	10.34	10.21	9.03	9.79	9.82	8.74	9.27	9.59	9.68	11.04	9.96	9.05
Cook's . . . . .	8.82	7.46	9.89	8.04	8.76	9.82	10.07	9.47	10.25	11.03	9.94	12.19	13.05	11.50	13.61	11.85	11.46	11.93	10.11	10.89	11.40	9.78	9.74	11.23	10.55	12.14	10.89	9.33
Average . . . . .	9.72	9.84	9.17	8.78	9.11	9.50	9.11	9.68	9.61	10.31	10.58	10.56	10.21	10.39	10.38	9.61	9.81	9.79	9.55	9.59	9.86	9.73	9.23	10.23	10.63	11.04	9.95	9.91

Table No. 31.

Marriages According to Nativity.—Percentages, 1882 to 1909, inclusive.

Years.	Both American.	Both foreign.	Groom American, foreign bride or not stated.	Bride American, foreign groom or not stated.	Not stated.	American-born persons.	Foreign-born persons.
1882.....	65.74	12.09	5.13	4.14	12.90	80.80	19.20
1883.....	66.15	12.62	5.38	4.18	11.67	80.30	19.70
1884.....	69.44	12.91	5.32	3.92	8.41	80.86	19.14
1885.....	69.75	11.57	4.97	4.84	8.87	81.92	18.08
1886.....	67.87	13.39	6.50	5.08	7.16	79.34	20.66
1887.....	65.72	15.79	6.07	5.49	6.93	76.82	23.16
1888.....	64.22	17.16	7.10	6.31	5.21	74.82	25.18
1889.....	64.32	17.04	7.40	6.55	4.69	74.80	25.20
1890.....	62.19	18.58	7.53	7.15	4.53	65.14	34.86
1891.....	62.45	18.49	7.38	6.74	4.94	73.13	26.87
1892.....	59.82	21.01	7.81	6.82	4.54	70.33	29.67
1893.....	60.88	18.80	10.68	8.09	1.54	71.37	28.63
1894.....	62.12	17.34	8.32	8.25	3.97	73.32	26.68
1895.....	60.87	17.86	12.05	8.55	.67	71.65	28.35
1896.....	60.37	18.27	11.71	9.05	.60	71.17	28.83
1897.....	60.59	18.69	11.39	8.69	.64	71.08	28.92
1898.....	60.88	18.19	11.47	8.78	.68	71.49	28.51
1899.....	60.52	15.96	11.36	9.65	.51	73.40	26.60
1900.....	60.68	18.43	10.75	9.64	.50	71.23	28.77
1901.....	61.46	17.75	10.70	9.72	.37	71.94	28.06
1902.....	62.32	16.84	10.42	10.02	.40	72.83	27.17
1903.....	59.59	18.93	10.58	10.38	.52	70.44	29.56
1904.....	60.71	18.49	10.57	9.78	.45	71.24	28.79
1905.....	59.83	18.80	11.02	10.21	.14	70.54	29.46
1906.....	59.37	17.56	12.15	10.44	.48	71.00	29.00
1907.....	60.99	18.35	10.65	9.72	.28	71.39	28.61
1908.....	63.37	15.98	9.91	10.49	.24	73.75	26.25
1909.....	61.63	17.65	10.61	9.78	.32	72.06	27.94

The above table of percentages is interesting in that it shows the fluctuations in the nativity of couples and individuals married during the past twenty-six years. An increasing accuracy of details in the returns of marriages is shown in the "Not stated" column in the fact that a reduction from nearly thirteen per cent. to a small fraction of one per cent. has been attained in that period.

The last two columns of the table apply only to the persons whose nativity was given in the returns, the "Not stated" figures being excluded.

Table No. 32.

## Divorces Decreed from 1870 to

Counties.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888
Rockingham...	19	20	29	34	41	23	37	18	30	30	44	30	23	21	28	25	40	41	26
Strafford.....	12	6	24	27	25	17	20	29	29	34	58	42	36	53	32	28	46	24	41
Belknap.....	.....	7	7	13	12	10	18	16	16	16	22	17	14	15	19	20	24	25	26
Carroll.....	4	1	1	9	9	4	10	13	19	13	11	19	9	7	14	20	12	12	22
Merrimack....	15	27	32	13	51	37	40	23	22	36	41	25	49	49	48	35	46	48	49
Hillsborough...	64	37	58	51	77	75	65	73	61	69	83	87	90	74	93	86	110	78	82
Cheshire.....	12	19	19	16	15	22	21	17	18	22	31	21	34	25	30	25	32	26	29
Sullivan.....	6	6	10	16	17	13	26	9	10	8	9	22	17	12	11	20	25	20	26
Grafton.....	13	21	15	29	22	20	29	17	27	25	37	27	14	28	22	30	35	40	
Coös.....	4	5	2	4	12	11	9	10	11	10	15	7	15	3	12	10	17	16	18
Total.....	149	149	197	212	281	232	266	237	233	265	339	307	314	273	315	291	382	325	359

## —Divorces.

## 1909, inclusive, by Counties.

1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
43	42	47	33	42	34	60	47	39	57	52	43	59	62	63	72	55	49	75	86	62
36	38	30	30	39	38	35	37	45	40	32	37	34	47	37	26	31	37	37	51	31
27	25	37	27	25	28	23	38	25	23	35	36	42	39	26	27	38	43	39	38	37
20	20	17	18	20	20	25	25	21	17	16	23	22	29	20	29	23	19	18	35	20
42	53	52	55	53	50	56	35	47	65	51	63	77	50	58	61	55	44	78	49	76
87	95	115	89	108	109	99	118	115	120	108	107	95	111	144	127	119	129	139	156	127
31	32	32	32	28	29	28	29	33	34	28	30	35	32	37	48	31	28	30	36	37
18	22	13	8	15	17	19	11	25	23	28	22	29	30	28	29	29	32	25	25	23
39	33	49	38	39	47	46	43	48	40	56	45	60	58	73	73	59	63	56	78	69
25	22	20	17	29	26	16	23	31	26	29	20	29	25	32	33	31	31	25	15	48
368	382	412	347	398	398	407	406	429	445	435	426	482	483	518	525	471	475	522	569	530

Table No. 33.

Causes upon which Divorces Have been Decreed for Twenty-Eight Years, 1882 to 1909, inclusive, by Counties.

COUNTIES.	Non-support.	Abandonment, refusal to cohabit and extreme cruelty.	Abandonment three years.	Abandonment.	Abandonment and adultery.	Abandonment and willing absence.	Absent three years and abandonment.	Adultery.	Conviction of crime and imprisonment.	Desertion and bigamy.	Desertion.	Extreme cruelty.	Extreme cruelty and abandonment.	Extreme cruelty and adultery.	Extreme cruelty, habitual drunkenness and adultery.	Habitual drunkenness and adultery.	Habitual drunkenness and treatment injurious to health.	Habitual drunkenness and description.	Impotency.	Joining religious sect and refusal to cohabit.	Willing absence and refusal to cohabit.	Nullity.	Prior marriage.	Refusal to cohabit.	Treatment injurious to health.	Treatment injurious to health and extreme cruelty.	Treatment injurious to health and to reason.	Treatment injurious to reason.	Willing absence three years.	No cause assigned.	Total.
Rockingham	4	504	...	...	228	8	349	...	1	...	121	...	...	4	...	...	...	...	9	...	...	...	...	63	...	4	...	58	...	1,353	
Strafford	1	317	...	...	189	2	259	...	6	...	76	...	...	3	...	...	...	...	5	...	...	...	...	21	...	1	...	60	...	1,028	
Belknap	11	216	...	...	187	5	200	...	3	...	75	...	...	1	...	...	...	...	2	...	...	...	...	62	...	1	...	41	...	821	
Carroll	5	178	...	...	123	2	132	...	6	...	38	...	...	2	...	...	...	...	23	...	...	...	...	13	...	...	22	...	553		
Merrimack	1	354	...	...	313	9	410	...	8	...	134	...	...	2	...	...	...	...	45	...	...	...	...	50	...	4	...	94	...	1,493	
Hillsborough	16	1073	6	4	490	23	873	13	16	44	2	171	5	6	7	3	...	...	5	...	...	...	6	111	14	7	...	131	1	3,030	
Cheshire	1	316	4	...	185	2	211	2	4	9	1	58	1	3	...	...	...	...	3	...	...	...	...	41	...	5	2	23	...	890	
Sullivan	2	141	1	2	137	1	191	1	2	3	26	...	2	...	...	...	...	...	48	...	...	...	...	15	...	2	...	24	...	602	
Grafton	2	357	1	...	311	8	345	...	5	10	84	1	...	2	1	...	...	...	14	...	...	...	...	47	2	6	...	39	...	1,308	
Cooks	7	155	...	...	129	3	186	1	...	4	44	...	...	5	...	...	...	...	51	...	...	...	...	16	...	2	...	34	...	644	
Total	1	85,361	14	6	4,292	63	2,863	156	17	31	94	1	3	830	7	11	13	35	4	279	44	1	7	439	18	32	4	526	3	11,722	

Table No. 34.

## Ratio of Divorces to Marriages from 1882 to 1909, inclusive.\*

Years.	Number of marriages.	Person married to 1,000.	Number of Divorces.	Ratio of divorces to marriages.
1882.....	3,433	19.44	314	1 to 10.93
1883.....	3,495	19.68	273	1 to 12.80
1884.....	3,292	18.34	315	1 to 10.45
1885.....	3,180	17.56	291	1 to 10.92
1886.....	3,324	18.22	382	1 to 8.70
1887.....	3,495	19.00	325	1 to 10.75
1888.....	3,379	18.22	386	1 to 8.75
1889.....	3,621	19.36	368	1 to 9.83
1890.....	3,621	19.22	382	1 to 9.48
1891.....	3,904	20.55	412	1 to 10.55
1892.....	4,074	21.26	347	1 to 11.74
1893.....	4,090	21.15	398	1 to 10.27
1894.....	3,881	19.89	398	1 to 9.75
1895.....	4,015	20.39	407	1 to 9.86
1896.....	4,032	20.30	406	1 to 9.93
1897.....	3,776	18.86	429	1 to 8.80
1898.....	3,793	18.76	445	1 to 8.52
1889.....	3,741	18.33	435	1 to 8.60
1900.....	3,983	19.35	426	1 to 9.35
1901.....	4,001	19.35	482	1 to 8.30
1902.....	4,061	19.55	483	1 to 8.41
1903.....	4,004	19.19	518	1 to 7.73
1904.....	3,803	18.14	525	1 to 7.24
1905.....	4,212	20.00	471	1 to 8.94
1906.....	4,378	20.80	475	1 to 9.21
1907.....	4,546	21.39	522	1 to 8.70
1908.....	4,098	19.20	569	1 to 7.20
1909.....	4,079	19.03	530	1 to 7.69

\*Population estimated for all but census years.

Table No. 34 gives the ratio of marriages to divorces for the years mentioned. Tables showing the alleged causes of divorce may be found elsewhere in this report.

**Table No. 35.**  
**Ratio of Divorces to Marriages, by Counties, for 1908.**

Counties.	Number of marriages.	Number of divorces.	Ratio of divorces to marriages.
Rockingham.....	621	86	1 to 7.22
Strafford.....	442	51	1 to 8.66
Belknap.....	177	38	1 to 4.65
Carroll.....	170	35	1 to 4.85
Merrimack.....	393	49	1 to 8.02
Hillsborough.....	1,109	156	1 to 7.10
Cheshire.....	279	36	1 to 7.75
Sullivan.....	179	25	1 to 7.16
Grafton.....	407	78	1 to 5.21
Coös.....	321	15	1 to 21.40
Total.....	4,098	569	1 to 7.20

**Table No. 36.**  
**Ratio of Divorces to Marriages, by Counties, for 1909.**

Counties.	Number of marriages.	Number of divorces.	Ratio of divorces to marriages.
Rockingham.....	683	62	1 to 11.01
Strafford.....	417	31	1 to 13.45
Belknap.....	185	37	1 to 5.00
Carroll.....	150	20	1 to 7.50
Merrimack.....	395	76	1 to 5.19
Hillsborough.....	1,182	127	1 to 9.30
Cheshire.....	249	37	1 to 6.72
Sullivan.....	173	23	1 to 7.5
Grafton.....	370	69	1 to 7.51
Coös.....	275	48	1 to 5.72
Total.....	4,079	530	1 to 7.69

## DEATHS.

Table No. 37.

Deaths and Death Rates from 1884 to 1909, inclusive.

Years.	Deaths registered.	Deaths to 1,000 population.*	Population.*
1884.....	6,194	17.26	358,845
1885.....	6,201	17.13	361,806
1886.....	6,426	17.61	364,767
1887.....	6,479	17.61	367,728
1888.....	6,854	18.48	370,689
1889.....	6,696	17.91	373,650
1890.....	7,368	19.56	376,530
1891.....	7,310	19.24	379,896
1892.....	7,988	20.84	383,292
1893.....	7,663	19.81	386,719
1894.....	6,898	17.68	390,177
1895.....	6,929	17.60	393,665
1896.....	6,791	17.09	397,185
1897.....	7,027	17.53	400,737
1898.....	6,743	16.68	404,322
1899.....	7,045	17.27	407,938
1900.....	7,624	18.52	411,588
1901.....	6,975	16.86	413,486
1902.....	6,649	16.00	415,384
1903.....	6,969	16.70	417,282
1904.....	6,804	16.23	419,180
1905.....	7,339	17.42	421,078
1906.....	7,498	17.72	422,976
1907.....	7,486	17.61	424,874
1908.....	7,161	16.77	426,772
1909.....	7,282	16.98	428,670

Table No. 38.  
Deaths and Death Rates by Counties, from 1884 to 1909, inclusive.

Counties.	1884.		1885.		1886.		1887.		1888.		1889.		1890.		1891.		1892.		1893.		1891.		1895.	
	Deaths.	Death rates.																						
Rockingham.	873	17.69	911	18.43	963	19.46	876	17.67	896	18.05	875	17.61	1,065	21.45	991	19.55	1,026	20.66	1,033	20.80	901	18.15	910	18.33
Strafford.....	627	17.07	619	16.73	609	16.33	673	17.91	688	18.17	691	18.11	801	20.83	809	21.04	864	22.47	742	19.30	617	16.05	624	16.23
Belknap.....	285	15.09	289	15.12	362	18.71	369	18.84	392	19.78	389	19.40	374	18.40	392	19.29	440	21.65	369	18.16	381	18.74	338	16.63
Carrroll.....	333	18.31	269	14.80	303	16.68	294	16.20	328	18.08	298	16.44	303	16.71	341	18.81	342	18.87	305	16.83	299	16.49	297	16.39
Merrimack..	736	15.48	796	16.63	833	17.29	835	17.22	920	18.86	891	18.15	983	19.88	951	19.23	1,064	21.52	1,063	21.50	953	19.27	930	18.81
Hillsborough.	1,655	20.02	1,701	20.15	1,681	19.51	1,697	19.38	1,846	20.59	1,740	19.04	1,973	21.14	1,957	20.98	2,092	22.43	2,103	22.55	1,902	20.39	1,980	21.23
Cheshire.....	497	17.06	494	16.90	475	16.19	482	16.39	488	16.52	525	17.72	557	18.49	482	16.29	608	20.55	595	20.11	514	17.37	512	17.31
Sullivan.....	273	15.32	284	16.02	328	18.59	283	16.12	327	18.72	314	18.06	332	19.81	280	16.18	382	21.49	362	20.92	326	18.84	316	18.26
Grafton.....	652	17.06	611	16.05	616	16.24	602	15.93	655	17.35	625	16.67	651	17.49	648	17.41	749	20.01	696	18.70	638	17.14	681	18.28
Coös.....	263	12.88	227	10.87	256	12.00	308	16.89	314	14.11	348	15.32	329	14.17	459	19.77	421	18.13	395	17.02	367	15.81	341	14.69
Total.....	6,194	17.26	6,201	17.13	6,426	17.61	6,479	17.61	6,854	18.48	6,696	17.91	7,368	19.56	7,310	19.41	7,988	21.21	7,663	20.35	6,898	18.32	6,929	18.40

Table No. 38.—*Concluded.*

Counties.	1896.		1897.		1898.		1899.		1900.		1901.		1902.		1903.		1904.		1905.		1906.		1907.		1908.		1909.	
	Deaths.	Death rates.																										
Rockingham.	876	17.64	912	18.37	844	16.99	875	17.62	967	18.91	898	17.56	879	17.19	857	16.77	816	15.96	933	18.25	878	17.17	932	18.23	872	17.05	827	16.17
Strafford . . . .	675	17.56	719	18.70	707	18.30	729	18.96	780	19.57	643	16.34	597	15.18	636	16.17	660	16.77	711	18.07	671	17.05	666	16.93	645	16.39	642	16.32
Belknap . . . . .	346	17.02	332	16.34	347	17.08	356	17.51	374	19.15	348	17.82	338	17.31	377	19.31	322	16.49	357	18.28	407	20.84	358	18.33	349	17.87	359	18.39
Carroll . . . . .	284	15.67	282	15.56	277	15.28	290	16.00	303	17.93	210	12.43	261	15.45	278	16.45	244	14.44	278	16.45	269	15.92	274	16.21	256	15.15	254	15.03
Merrimaek . . . .	887	17.94	872	17.63	827	16.73	914	18.49	1,072	20.44	852	16.25	856	16.33	949	18.10	944	18.00	941	17.94	997	19.01	1,005	19.16	978	18.65	1,027	19.58
Hillsborough.	2,024	21.71	2,046	21.93	1,899	20.36	1,990	21.34	2,146	19.05	2,115	18.77	2,039	20.39	1,977	17.55	1,923	17.07	2,283	20.26	2,303	20.44	2,226	19.76	2,065	18.33	2,305	20.46
Cheshire . . . . .	438	14.81	479	16.19	499	16.87	523	17.68	496	17.83	534	17.05	435	13.89	458	14.62	525	17.08	508	16.21	495	15.80	524	16.72	514	16.41	476	15.19
Sullivan . . . . .	285	16.47	315	18.20	306	17.68	272	15.66	332	17.88	320	17.77	270	14.99	312	17.32	275	15.19	291	16.15	289	15.95	315	17.48	328	18.12	311	17.18
Grafton . . . . .	634	17.03	689	18.51	638	17.14	662	17.78	719	17.60	677	16.57	611	14.96	678	16.59	634	17.03	622	15.22	744	18.21	706	17.28	679	16.62	689	16.86
Coös . . . . .	342	14.69	381	16.42	399	17.19	434	18.69	435	14.76	378	12.82	363	12.32	447	15.08	451	15.30	415	14.08	445	15.10	480	16.28	475	16.11	392	13.30
Total . . . . .	6,791	18.04	7,027	18.66	6,743	17.91	7,045	18.71	7,624	18.52	6,975	16.94	6,649	16.15	6,969	16.93	6,804	16.53	7,339	17.83	7,498	18.21	7,486	18.18	7,161	17.39	7,282	17.69

Table No. 39.

Mortality of Males and Females compared, 1884 to 1909, inclusive.

Years.	Male decedents.	Female decedents.	Male decedents to 100 female decedents.	Death rate of males to 1,000 male population.	Death rate of females to 1,000 of female population.
1884.....	3,034	3,122	97.18	17.79	17.69
1885.....	2,948	3,194	92.29	17.28	18.09
1886.....	3,155	3,212	98.20	18.50	18.20
1887.....	3,174	3,267	97.15	18.61	18.51
1888.....	3,419	3,382	101.09	20.04	19.16
1889.....	3,253	3,389	95.98	19.07	19.20
1890.....	3,692	3,624	101.87	21.65	20.53
1891.....	3,557	3,453	103.01	19.60	17.65
1892.....	3,981	3,990	99.77	21.33	21.00
1893.....	3,827	3,812	100.39	20.51	20.42
1894.....	3,392	3,498	96.97	18.18	18.41
1895.....	3,400	3,515	96.72	18.22	18.50
1896.....	3,364	3,415	98.51	18.03	17.98
1897.....	3,461	3,550	97.49	18.55	18.69
1898.....	3,403	3,335	102.04	18.24	17.55
1899.....	3,532	3,509	100.64	18.93	18.47
1900.....	3,771	3,847	98.02	18.36	18.65
1901.....	3,551	3,423	103.73	17.29	16.59
1902.....	*3,369	3,280	102.71	16.40	15.91
1903.....	†3,550	3,419	103.83	17.28	16.58
1904.....	‡3,400	3,404	99.88	16.55	16.50
1905.....	§3,734	3,605	103.57	18.18	17.48
1906.....	3,770	3,728	101.12	18.35	18.07
1907.....	3,872	3,614	107.13	18.85	17.52
1908.....	α3,713	3,448	107.68	18.07	16.72
1909.....	β3,807	3,475	109.55	18.53	16.85

\*One, sex not stated, classed with males.

†Three, sex not stated, classed with males.

‡Two, sex not stated, classed with males.

§One, sex not stated, classed with males.

||Six, sex not stated, classed with males.

αOne, sex not stated, classed with males.

βThree, sex not stated, classed with males.

Table No. 40.

Deaths at Age Periods, by Percentages, from 1883 to 1909, inclusive.\*

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	Over 60.
1883.....	14.33	7.58	2.56	5.55	8.58	6.73	6.22	7.64	37.93
1884.....	16.22	7.36	2.61	5.30	7.93	6.26	6.33	7.75	38.33
1885.....	15.98	7.14	2.11	4.42	7.50	6.71	6.71	7.76	40.09
1886.....	16.89	7.70	2.86	4.82	7.73	6.55	6.12	7.47	38.86
1887.....	17.64	7.26	2.05	4.89	6.96	6.25	6.56	7.72	39.70
1888.....	19.23	7.63	2.04	4.93	7.07	6.00	5.53	7.57	38.72
1889.....	19.44	7.71	2.66	4.64	6.56	6.15	5.93	7.63	38.40
1890.....	16.23	6.67	1.99	4.28	7.04	7.42	6.62	9.17	40.49
1891.....	18.30	7.08	2.55	4.40	6.95	6.01	6.29	8.15	40.25
1892.....	16.17	6.64	2.18	4.39	6.70	6.63	6.60	8.76	41.77
1893.....	17.83	7.13	1.93	4.32	7.20	6.62	6.94	8.10	39.86
1894.....	17.52	7.31	2.47	3.89	7.06	7.03	6.35	8.54	39.78
1895.....	17.10	7.06	2.09	4.21	6.99	5.82	6.66	8.18	41.88
1896.....	18.08	7.90	2.03	4.31	7.10	6.49	6.14	8.49	39.46
1897.....	17.01	7.21	2.58	3.76	7.12	7.02	6.12	8.45	40.73
1898.....	17.93	7.37	1.83	3.32	6.84	6.69	6.24	8.78	41.00
1899.....	17.54	7.61	1.98	3.58	6.44	5.62	6.72	8.49	42.11
1900.....	17.23	7.72	2.29	3.75	6.75	6.03	6.48	8.79	40.91
1901.....	15.55	6.61	1.84	3.04	6.91	6.65	7.44	9.51	42.45
1902.....	16.21	7.16	2.02	3.49	6.19	6.42	7.14	9.39	41.98
1903.....	15.07	6.48	2.07	3.57	6.62	5.97	6.91	9.39	43.91
1904.....	15.47	5.37	1.82	3.23	6.17	7.09	7.12	9.65	44.07
1905.....	16.68	6.70	2.23	3.74	5.77	6.39	7.45	8.87	42.04
1906.....	18.53	6.14	1.96	3.64	5.34	6.87	6.84	8.52	42.14
1907.....	17.74	5.17	1.82	3.25	5.27	6.26	7.09	9.06	44.32
1908.....	18.98	5.56	1.63	3.03	5.56	5.86	7.30	9.19	42.89
1909.....	18.94	5.58	1.78	2.71	4.74	6.57	6.66	9.50	43.52

\*Not including those with age not stated, premature and still births.

Table No. 41.

Deaths at Different Periods, Compared with the Number Living at the Same Period, 1908.\*

	1908.	Persons living at same ages, census of 1900.	Death rate per 1,000.
Under 1 year.....	1,353	8,048	168.11
Under 5 years.....	1,749	38,231	45.74
20 to 30 years.....	396	73,992	5.35
All others.....	5,016	299,365	16.75
All ages.....	7,161	411,588	17.39

Table No. 42.

Deaths at Different Periods, Compared with the Number Living at the Same Period, 1909.

	1909.	Persons living at same ages, census of 1900.	Death rate per 1,000.
Under 1 year.....	1,370	8,048	170.22
Under 5 years.....	1,774	38,231	46.40
20 to 30 years.....	343	73,992	4.63
All others.....	5,165	299,365	17.25
All ages.....	7,282	411,588	17.69

\*Excluding still births and premature births.

Table No. 43.

Deaths by Ages and Sex, from 1884 to 1909, inclusive.\*

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
1884. Males.....	460	243	72	136	224	168	180	245	322	502	292	30	1	60
Females.....	353	212	90	192	266	220	211	235	336	444	379	70	1	51
Not stated.....	3	1	1	1	1	1	1	1	1	1	1	1	1	4
Total.....	816	456	162	328	491	388	392	480	659	946	671	100	1	115
1885. Males.....	416	225	62	109	190	181	190	252	394	478	284	32	1	43
Females.....	371	217	68	164	275	235	226	225	355	463	398	74	2	50
Not stated.....	19	1	1	1	1	1	1	4	2	3	1	1	1	5
Total.....	805	443	131	274	465	416	416	481	751	944	682	106	3	98
1886. Males.....	487	273	94	132	205	188	198	228	368	499	317	42	2	33
Females.....	385	221	90	178	292	233	195	252	339	447	397	53	3	28
Not stated.....	19	1	1	1	1	1	1	1	1	1	1	1	1	3
Total.....	891	495	184	310	497	421	393	488	707	946	714	125	5	64
1887. Males.....	490	231	71	142	196	184	186	254	377	512	336	45	1	34
Females.....	416	239	61	175	255	221	239	246	358	494	350	93	6	28
Not stated.....	8	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	914	470	133	317	451	405	425	500	735	1006	686	138	7	63
1888. Males.....	588	280	75	144	213	177	180	257	392	507	377	47	1	53
Females.....	459	243	65	194	271	241	199	262	375	511	360	79	5	21
Not stated.....	13	1	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	1060	523	140	338	484	418	379	519	767	1018	737	126	6	87
1889. Males.....	536	269	90	131	187	186	175	241	381	492	342	43	1	29
Females.....	470	245	88	179	251	226	222	270	398	471	366	75	3	29
Not stated.....	8	2	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	1014	516	178	311	439	412	397	511	779	963	708	118	3	59
1890. Males.....	609	250	73	143	229	242	220	308	422	576	368	52	1	59
Females.....	524	216	66	156	263	277	242	332	399	513	406	86	5	44
Not stated.....	13	2	1	1	1	1	1	1	1	1	1	1	1	10
Total.....	1146	468	139	299	492	519	462	640	821	1090	774	138	5	113
1891. Males.....	703	256	86	134	248	206	210	279	438	530	346	52	1	69
Females.....	551	231	90	170	232	208	225	254	395	507	412	97	3	48
Not stated.....	10	2	1	1	1	1	1	1	1	1	1	1	1	1
Total.....	1264	489	176	304	480	412	435	563	833	1037	758	149	3	118
1892. Males.....	681	251	79	155	219	226	228	312	502	631	397	40	2	88
Females.....	539	251	86	177	287	275	271	349	473	554	467	89	1	61
Not stated.....	5	1	1	1	1	1	1	1	1	1	1	1	1	3
Total.....	1225	502	165	332	506	501	499	661	975	1185	864	129	6	149
1893. Males.....	716	251	69	146	238	227	225	292	478	568	342	35	5	72
Females.....	574	265	71	167	283	252	277	294	389	537	431	98	3	43
Not stated.....	6	1	1	1	1	1	1	1	1	1	1	1	1	4
Total.....	1296	516	140	313	521	479	502	586	867	1105	773	133	8	119
1894. Males.....	647	245	82	114	227	219	205	273	395	555	329	49	1	52
Females.....	545	254	87	152	255	261	229	310	396	533	381	76	1	18
Not stated.....	4	1	1	1	1	1	1	1	1	1	1	1	1	4
Total.....	1196	499	169	266	482	480	434	583	791	1088	710	125	1	74
1895. Males.....	638	236	74	143	205	182	222	262	457	556	332	45	1	48
Females.....	526	247	69	145	273	216	234	298	384	573	429	84	4	33
Not stated.....	6	1	1	1	1	1	1	1	1	1	1	1	1	7
Total.....	1170	483	143	288	478	398	456	560	841	1130	761	129	4	88
1896. Males.....	658	267	62	122	235	199	189	268	419	558	288	46	1	53
Females.....	545	263	74	167	241	236	223	301	413	489	344	89	1	30
Not stated.....	9	1	1	1	1	1	1	1	1	1	1	1	1	3
Total.....	1212	530	136	289	476	435	412	569	832	1047	632	135	1	86

Table No. 43.—*Concluded.*

Years.		Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	Unknown.
1897.	Males.....	673	256	83	130	223	187	203	291	405	533	380	43		54
	Females.....	498	242	96	130	270	299	221	294	447	536	395	81		41
	Not stated.....	7	1												8
	Total.....	1178	499	179	260	493	486	424	585	852	1069	775	124		103
1898.	Males.....	679	266	58	111	201	215	200	277	425	556	316	52	2	45
	Females.....	510	224	64	110	254	230	215	307	433	509	364	66	4	45
	Not stated.....	4							1						
	Total.....	1193	490	122	221	455	445	415	584	859	1065	680	118	6	90
1899.	Males.....	663	296	74	110	212	179	235	285	426	598	366	34	2	52
	Females.....	555	233	64	139	236	212	232	299	426	566	414	92	5	36
	Not stated.....	2													2
	Total.....	1220	529	138	249	448	391	467	584	852	1164	780	126	7	90
1900.	Males.....	722	304	91	118	235	210	238	315	495	596	350	49	6	42
	Females.....	578	278	82	165	275	245	251	349	457	588	451	95	2	31
	Not stated.....	4	1												1
	Total.....	1304	583	173	283	510	455	489	664	952	1184	801	144	8	74
1901.	Males.....	603	232	62	103	242	233	256	336	475	580	355	41	1	32
	Females.....	472	225	65	107	236	227	259	322	441	565	384	93	3	24
	Not stated.....	1													
	Total.....	1076	457	127	210	478	460	515	658	916	1145	739	134	4	56
1902.	Males.....	593	240	70	104	211	209	225	305	449	558	320	46	4	34
	Females.....	476	232	63	126	197	214	246	314	445	494	375	72	1	22
	Not stated.....														1
	Total.....	1069	472	133	230	408	423	471	619	894	1052	698	118	5	57
1903.	Males.....	569	231	66	131	221	206	239	348	476	599	383	45		33
	Females.....	472	217	77	116	237	207	239	301	476	562	404	91	3	20
	Not stated.....	1													2
	Total.....	1042	448	143	247	458	413	478	649	952	1161	784	136	3	55
1904.	Males.....	577	183	65	107	176	236	250	334	450	574	360	50	3	35
	Females.....	466	179	58	111	240	242	230	317	444	550	438	101	2	26
	Not stated.....														
	Total.....	1043	362	123	218	416	478	480	659	894	1124	798	151	5	61
1905.	Males.....	659	255	84	118	189	217	290	341	506	598	377	50	1	47
	Females.....	555	233	78	154	231	248	252	305	467	588	387	91	5	11
	Not stated.....	2													
	Total.....	1216	488	162	272	420	465	542	646	973	1176	764	141	6	58
1906.	Males.....	772	237	75	137	174	226	252	327	490	619	364	63		33
	Females.....	607	220	71	134	223	285	257	307	522	579	406	92	1	24
	Not stated.....														1
	Total.....	1379	457	146	271	397	511	509	634	1012	1198	770	155	1	58
1907.	Males.....	726	217	60	126	200	224	269	350	544	675	398	46	2	29
	Females.....	591	167	75	115	192	241	257	323	467	657	410	91	2	26
	Not stated.....	6													
	Total.....	1323	384	135	241	392	465	526	673	1011	1332	808	137	4	55
1908.	Males.....	790	203	69	100	190	201	272	331	516	605	360	54		21
	Females.....	562	193	47	116	206	216	248	324	418	594	404	104	1	15
	Not stated.....	1													
	Total.....	1353	396	116	216	396	417	520	655	934	1199	764	158	1	36
1909.	Males.....	776	203	66	110	176	248	266	345	574	621	337	49	1	32
	Females.....	591	201	63	86	167	227	216	342	452	604	432	77	1	16
	Not stated.....	3													
	Total.....	1370	404	129	196	343	475	482	687	1026	1225	769	126	2	48

Table No. 44.

Percentage of Deaths, by Ages and Sex, to Total Mortality,  
from 1884 to 1909, inclusive.

Years.	Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.
1884. Males.....	16.00	8.45	2.51	4.73	7.79	5.84	6.26	8.52	11.20	17.46	10.16	1.04	.04
Females.....	11.74	7.05	2.99	6.38	8.84	7.31	7.02	7.81	11.17	14.76	12.60	2.33	...
Total.....	13.82	7.73	2.75	5.57	8.33	6.60	6.65	8.16	11.18	16.08	11.41	1.70	.02
1885. Males.....	14.78	8.00	2.20	3.87	6.75	6.43	6.75	8.96	14.00	16.99	10.09	1.14	.04
Females.....	12.07	7.06	2.21	5.34	8.95	7.65	7.35	7.32	11.55	15.07	12.95	2.41	.07
Total.....	13.37	7.51	2.21	4.64	7.95	7.07	7.07	8.10	12.72	15.98	11.58	1.80	.05
1886. Males.....	16.06	9.00	3.10	4.35	6.75	6.20	6.53	7.52	12.13	16.45	10.45	1.39	.07
Females.....	12.36	7.10	2.89	5.71	9.37	7.48	6.26	8.09	10.88	14.35	12.74	2.67	.10
Total.....	14.18	8.04	2.99	5.04	8.08	6.85	6.39	7.81	11.50	15.39	11.62	2.03	.08
1887. Males.....	16.20	7.64	2.35	4.69	6.48	6.08	6.15	8.40	12.46	16.92	11.11	1.49	.03
Females.....	13.19	7.58	1.94	5.55	8.09	7.01	7.58	7.80	11.35	15.67	11.10	2.45	.19
Total.....	14.67	7.61	2.14	5.13	7.30	6.56	6.88	8.09	11.90	16.28	11.10	2.23	.11
1888. Males.....	18.16	8.65	2.31	4.45	6.55	5.47	5.56	7.94	12.10	15.66	11.64	1.45	.03
Females.....	14.06	7.45	1.99	5.94	8.30	7.38	6.10	8.03	11.49	15.66	11.03	2.42	.15
Total.....	16.10	8.04	2.15	5.20	7.44	6.43	5.83	7.98	11.80	15.66	11.34	1.94	.09
1889. Males.....	17.44	8.75	2.93	4.26	6.09	6.05	5.70	7.84	12.40	16.01	11.13	1.40	...
Females.....	14.40	7.51	2.70	5.48	7.69	6.92	6.80	8.27	12.20	14.43	11.21	2.30	.09
Total.....	15.88	8.11	2.81	4.89	6.91	6.50	6.27	8.06	12.29	15.20	11.17	1.86	.05
1890. Males.....	17.44	7.15	2.09	4.09	6.55	6.93	6.30	8.82	12.08	16.49	10.54	1.49	...
Females.....	15.03	6.19	1.89	4.47	7.54	7.94	6.94	9.52	11.45	14.72	11.65	2.46	.14
Total.....	16.23	6.67	1.99	4.28	7.04	7.43	6.62	9.17	11.76	15.60	11.09	1.97	.07
1891. Males.....	20.15	7.34	2.47	3.84	7.11	5.91	6.02	8.00	12.56	15.15	9.92	1.49	...
Females.....	16.18	6.78	2.61	4.99	6.81	6.11	6.61	8.34	11.60	14.88	12.09	2.85	.08
Total.....	18.19	7.06	2.55	4.41	6.96	6.01	6.31	8.16	12.08	15.04	10.99	2.16	.04
1892. Males.....	18.29	6.74	2.12	4.16	5.88	6.07	6.12	8.38	13.48	16.94	10.66	1.07	.05
Females.....	14.11	6.56	2.25	4.63	7.51	7.20	7.09	9.13	12.38	14.50	12.22	2.33	.02
Total.....	16.17	6.64	2.18	4.39	6.70	6.63	6.60	8.76	12.91	15.69	11.44	1.70	.03
1893. Males.....	19.93	6.98	1.92	4.07	6.62	6.31	6.26	8.13	13.30	15.81	9.52	.97	.14
Females.....	15.76	7.27	1.95	4.58	7.68	6.92	7.44	8.07	10.68	14.75	11.83	2.69	.08
Total.....	17.83	7.13	1.93	4.32	7.20	6.62	6.94	8.10	11.98	15.14	10.69	1.84	.11
1894. Males.....	19.37	7.33	2.45	3.41	6.79	6.55	6.13	8.17	11.82	16.61	9.85	1.46	...
Females.....	15.66	7.58	2.50	4.36	7.32	7.50	6.58	8.90	11.38	15.31	10.94	2.18	.02
Total.....	17.47	7.31	2.47	3.90	7.06	7.04	6.36	8.54	11.59	15.95	10.41	1.83	.01
1895. Males.....	19.03	7.04	2.21	4.26	6.12	5.43	6.62	7.81	13.63	16.58	9.90	1.34	...
Females.....	15.11	7.09	1.98	4.16	7.84	6.20	6.72	8.56	11.03	16.45	12.32	2.41	.11
Total.....	17.03	7.07	2.09	4.21	6.99	5.82	6.67	8.19	12.31	16.52	11.13	1.88	.06
1896. Males.....	19.87	8.06	1.87	3.66	7.09	6.01	5.71	8.09	12.68	16.85	8.70	1.39	...
Females.....	16.10	7.77	2.19	4.94	7.12	6.96	6.59	8.89	12.20	14.46	10.16	2.62	...
Total.....	18.95	7.92	2.03	4.32	7.11	6.49	6.15	8.49	12.43	15.64	9.43	2.02	...
1897. Males.....	19.75	7.51	2.44	3.82	6.55	5.49	5.96	8.54	11.89	15.64	11.15	1.26	...
Females.....	14.19	6.89	2.74	3.70	7.69	8.52	6.30	8.38	12.74	15.27	11.26	2.31	...
Total.....	16.93	7.20	2.59	3.76	7.03	7.03	6.13	8.46	12.32	15.45	11.21	1.79	...

Table No. 44.—*Concluded.*

Years.		Under 1.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.
1898.	Males.....	20.22	7.92	1.73	3.31	5.98	6.40	5.98	8.25	12.65	16.56	9.40	1.55	.05
	Females.....	15.50	6.81	1.95	3.34	7.72	6.99	6.53	9.33	13.16	15.47	11.07	2.01	.12
	Total.....	17.89	7.37	1.83	3.32	6.84	6.69	6.24	8.79	12.91	16.02	10.23	1.78	.09
1899.	Males.....	19.05	8.51	2.13	3.16	6.09	5.14	6.76	8.19	12.24	17.18	10.52	.97	.06
	Females.....	15.98	6.71	1.84	4.00	6.79	6.11	6.68	8.61	12.27	16.30	11.92	2.65	.14
	Total.....	17.52	7.61	1.98	3.58	6.44	5.62	6.72	8.40	12.25	16.74	11.22	1.81	.10
1900.	Males.....	19.37	8.15	2.44	3.17	6.30	5.63	6.38	8.45	13.28	15.98	9.39	1.30	.16
	Females.....	15.15	7.29	2.15	4.32	7.21	6.42	6.58	9.14	11.98	15.40	11.82	2.49	.05
	Total.....	17.23	7.72	2.29	3.75	6.75	6.03	6.48	8.79	12.62	15.70	10.62	1.91	.11
1901.	Males.....	17.13	6.59	1.76	2.93	6.88	6.62	7.27	9.55	13.50	16.48	10.09	1.17	.03
	Females.....	13.89	6.62	1.91	3.15	6.94	6.68	7.62	9.47	12.98	16.62	11.29	2.74	.09
	Total.....	15.54	6.61	1.84	3.04	6.91	6.65	7.44	9.51	13.24	16.55	10.68	1.93	.06
1902.	Males.....	17.78	7.19	2.09	3.12	6.33	6.27	6.75	9.15	13.47	16.73	9.53	1.38	.11
	Females.....	14.61	7.12	1.93	3.86	6.04	6.57	7.55	9.64	13.63	15.15	11.60	2.22	.03
	Total.....	16.21	7.16	2.02	3.49	6.19	6.42	7.14	9.39	13.55	15.96	10.59	1.81	.07
1903.	Males.....	16.19	6.57	1.87	3.72	6.29	5.86	6.80	9.90	13.54	17.05	10.89	1.28	....
	Females.....	14.13	6.49	2.31	3.17	7.09	6.20	7.15	9.01	14.25	16.83	11.79	2.67	.08
	Total.....	15.07	6.48	2.07	3.57	6.62	5.97	6.91	9.39	13.77	16.79	11.34	1.97	.04
1904.	Males.....	17.14	5.43	1.93	3.18	5.23	7.01	7.43	9.92	16.34	17.06	10.69	1.48	.08
	Females.....	13.79	5.29	1.71	3.29	7.10	7.16	6.81	9.38	13.14	16.28	12.97	2.99	.05
	Total.....	15.47	5.37	1.82	3.23	6.17	7.09	7.12	9.65	13.26	16.67	11.83	2.24	.07
1905.	Males.....	17.88	6.92	2.28	3.20	5.13	5.88	7.88	9.25	13.73	16.23	10.23	1.38	....
	Females.....	15.44	6.48	2.17	4.28	6.43	6.30	7.01	8.49	12.97	16.21	10.77	2.53	.13
	Total.....	16.68	6.70	2.23	3.74	5.77	6.39	7.45	8.87	13.37	16.16	10.49	1.95	.07
1906.	Males.....	20.67	6.34	2.00	3.67	4.66	6.05	6.74	8.75	13.12	16.57	9.74	1.68	....
	Females.....	16.39	5.94	1.92	3.62	6.02	7.69	6.94	8.29	14.09	15.63	10.96	2.48	.02
	Total.....	18.53	6.14	1.96	3.64	5.34	6.87	6.84	8.52	13.60	16.10	10.35	2.08	.01
1907.	Males.....	18.92	5.66	1.56	3.28	5.21	5.84	7.00	9.12	14.17	17.59	10.37	1.22	.05
	Females.....	16.47	4.65	2.09	3.20	5.35	6.72	7.16	9.00	13.02	18.33	11.43	2.53	.05
	Total.....	17.74	5.17	1.82	3.25	5.27	6.26	7.09	9.06	13.61	17.94	10.88	1.84	.05
1908.	Males.....	21.40	5.49	1.87	2.71	5.15	5.45	7.37	8.97	13.98	16.39	9.75	1.46	....
	Females.....	16.37	5.62	1.37	3.38	6.00	6.29	7.22	9.44	12.18	17.30	11.77	3.03	.03
	Total.....	18.98	5.56	1.63	3.03	5.56	5.86	7.30	9.19	13.11	16.83	10.72	2.22	.01
1909.	Males.....	20.57	5.38	1.74	2.91	4.66	6.57	7.05	9.14	15.21	16.46	8.93	1.29	.02
	Females.....	17.01	5.81	1.82	2.48	4.82	6.56	6.24	9.88	13.06	17.46	12.48	2.22	.02
	Total.....	18.93	5.58	1.78	2.71	4.74	6.56	6.66	9.50	14.18	16.94	10.63	1.77	.02

\*Excluding those with age and sex not stated, and premature and still births.

Table No. 45.

## Total Deaths by Seasons, 1908.\*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months.....	696	634	624	641	609	489	596	590	611	588	523	559
Quarters.....	1,954			1,739			1,797			1,670		
Percentages.....	27.29			24.29			25.10			23.32		
Half years.....	3,693						3,467					
Percentages.....	51.58						48.42					
Total deaths.....	7,160											

\*Not including deaths with month not stated, and still births.

Table No. 46.

## Total Deaths by Seasons, 1909.\*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Months.....	563	595	714	649	661	584	597	553	644	619	539	561
Quarters.....	1,872			1,894			1,794			1,719		
Percentages.....	25.72			26.02			24.65			23.61		
Half years.....	3,766						3,513					
Percentages.....	51.74						48.26					
Total deaths.....	7,279											

\*Not including deaths with month not stated, and still births.

## No. 47.

## Nativity of Persons Deceased from 1884 to 1909, inclusive.

Years.	Total deaths.*	Native born.		Foreign born.	
		Deaths.	Percentage.	Deaths.	Percentage.
1884.....	6,194	4,868	89.01	601	10.99
1885.....	6,201	4,847	89.35	578	10.65
1886.....	6,426	4,989	88.52	647	11.48
1887.....	6,479	5,131	88.03	698	11.97
1888.....	6,854	5,449	87.53	776	12.47
1889.....	6,696	5,383	88.00	734	12.00
1890.....	7,368	5,672	86.45	889	13.55
1891.....	7,310	5,637	86.52	878	13.47
1892.....	7,988	6,155	86.82	934	13.17
1893.....	7,663	5,847	85.03	1,029	14.97
1894.....	6,898	5,310	85.01	936	14.99
1895.....	6,929	5,428	85.05	954	14.95
1896.....	6,791	5,196	83.73	1,010	16.27
1897.....	7,027	5,387	83.95	1,030	16.05
1898.....	6,743	5,296	84.83	947	15.17
1899.....	7,045	5,482	84.01	1,043	15.99
1900.....	7,624	5,975	83.54	1,177	16.46
1901.....	6,975	5,417	82.64	1,138	17.36
1902.....	6,649	5,197	82.86	1,075	17.14
1903.....	6,969	5,361	81.66	1,204	18.34
1904.....	6,804	5,362	83.13	1,088	16.87
1905.....	7,339	5,734	82.07	1,253	17.93
1906.....	7,498	5,871	82.10	1,280	17.90
1907.....	7,486	5,368	75.29	1,761	24.71
1908.....	7,161	5,609	81.97	1,234	18.03
1909.....	7,282	5,643	81.05	1,319	18.95

\*Including those whose nativity was not recorded. In the calculations of percentages the rates are not given to the total reported deaths, but only to the total of those cases where the nativity was stated.

Table No. 48.  
Deaths from Various Causes for Twenty-six Years—1884-1909.

Years.	Typhoid fever.	Smallpox.	Measles.	Scarlet fever.	Whooping cough.	Diphtheria.	Membranous croup.	Influenza.	Dysentery.	Erysipelas.	Tuberculosis of lungs.	Cancer.	Meningitis.*	Apoplexy.	Paralysis.	Heart disease.	Bronchitis (acute and chronic).	Pneumonia.	Diarrhea and enteritis (cholera infantum).	Bright's disease.	Senile debility (old age).
1884.....	137	2	45	52	14	110	49	3	80	19	888	210	120	204	248	507	78	436	266	117	601
1885.....	136	2	45	53	25	178	74	6	40	25	857	213	133	206	278	489	112	504	219	130	587
1886.....	194	18	21	26	156	166	64	5	79	18	809	206	141	220	249	510	81	406	362	108	566
1887.....	134	39	26	21	177	84	94	9	53	20	766	218	117	210	253	562	114	556	336	122	327
1888.....	150	55	34	23	103	103	94	6	63	36	742	203	143	243	273	578	142	628	370	113	519
1889.....	161	16	18	47	210	88	64	4	67	27	651	213	151	259	196	564	127	582	353	156	530
1890.....	143	9	16	26	164	64	64	33	48	29	825	276	186	263	251	568	194	703	399	157	614
1891.....	170	19	13	27	160	56	44	43	51	43	695	222	161	308	241	572	180	673	486	174	593
1892.....	109	24	27	37	134	45	45	33	42	39	736	283	173	331	239	571	217	890	366	183	516
1893.....	121	32	52	23	63	36	91	61	63	29	737	283	208	331	248	605	191	685	423	159	496
1894.....	135	1	14	61	51	73	44	12	41	16	714	230	223	294	248	619	195	633	400	145	459
1895.....	399	4	7	58	26	78	40	121	39	18	693	266	227	321	252	691	187	639	411	188	453
1896.....	139	23	23	33	85	39	47	40	19	18	679	275	232	357	210	647	161	557	392	191	465
1897.....	92	12	34	16	82	61	130	28	22	22	697	265	233	343	229	619	141	524	439	229	485
1898.....	108	10	25	21	71	37	51	54	20	20	607	305	222	343	230	619	141	524	439	229	485
1899.....	92	15	20	74	55	47	170	26	20	17	582	279	219	376	251	685	185	753	364	242	478
1900.....	100	19	27	40	64	36	183	38	17	650	292	254	264	362	227	682	200	942	462	248	483
1901.....	89	5	4	50	20	60	30	139	37	20	629	364	207	340	241	692	162	716	368	242	480
1902.....	72	6	19	4	31	136	26	51	27	18	569	341	206	412	177	701	169	618	291	297	363
1903.....	86	13	9	31	77	77	25	80	20	10	550	314	201	431	197	747	127	686	328	348	424
1904.....	76	2	3	10	43	43	25	71	29	33	571	326	172	430	203	673	150	690	392	428	380
1905.....	56	6	21	30	60	60	17	98	33	14	575	344	352	453	174	690	142	690	321	339	430
1906.....	76	6	10	53	58	58	28	46	30	10	538	355	205	446	169	681	166	525	398	430	423
1907.....	49	8	7	21	76	19	110	12	12	12	405	386	217	523	210	750	209	602	297	387	369
1908.....	75	8	6	24	77	22	82	31	12	12	471	373	189	491	181	711	170	491	380	374	375
1909.....	48	16	18	18	27	60	12	68	17	17	466	383	188	484	184	784	177	580	393	402	359
Total.....	2,847	20	401	675	780	2,510	1,191	2,199	1,088	563	17,122	7,377	5,140	8,935	5,820	16,562	4,218	16,364	9,556	6,141	12,481

\*Including cephalitis, cerebritis, and encephalitis.

## CONSUMPTION (PULMONARY TUBERCULOSIS.)

Table 49.

Deaths from Consumption (Pulmonary Tuberculosis) in New Hampshire for Twenty-six Years, by Age Periods.

Years.	Total.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.
1884.....	868	50	113	218	145	93	78	64	67	21	19
1885.....	857	49	98	219	161	109	75	75	43	19	9
1886.....	809	44	87	233	152	94	67	71	37	18	6
1887.....	766	34	88	193	145	101	78	55	46	21	5
1888.....	742	48	88	219	137	71	62	55	42	15	5
1889.....	651	36	81	147	120	77	56	65	53	10	6
1890.....	825	49	77	200	156	113	65	72	63	23	7
1891.....	695	47	87	174	131	89	67	37	43	10	10
1892.....	736	28	88	178	150	84	67	71	41	20	9
1893.....	737	45	71	204	139	92	65	64	34	14	9
1894.....	714	50	70	200	150	82	59	45	45	8	5
1895.....	693	31	66	210	129	85	60	49	51	10	2
1896.....	679	41	81	180	130	85	59	49	37	9	8
1897.....	697	36	79	225	143	70	46	49	32	12	5
1898.....	607	26	53	181	143	66	52	47	22	7	10
1899.....	582	26	57	169	103	80	65	38	28	10	6
1900.....	650	36	70	193	120	76	45	61	44	1	4
1901.....	629	42	57	178	130	71	53	48	40	7	3
1902.....	569	23	62	138	134	83	51	43	24	5	6
1903.....	530	26	47	141	107	66	54	49	31	7	2
1904.....	575	30	43	181	126	74	54	43	18	3	3
1905.....	571	28	54	143	131	95	49	45	20	3	3
1906.....	538	34	54	138	136	76	36	31	22	8	3
1907.....	465	19	39	125	111	67	46	29	21	6	2
1908.....	471	23	46	126	95	69	37	46	21	8	....
1909.....	466	19	41	116	121	68	42	34	19	5	1
Total.....	17,122	920	1,797	4,629	3,445	2,136	1,488	1,335	944	280	148

Table No. 50.

## Mortality from Consumption 1884 to 1909, inclusive.\*

Years.	Deaths.	Percentages of deaths to deaths from all causes.	Death rate per 10,000 living population (estimated).
1884.....	868	14.01	24.10
1885.....	857	13.82	23.68
1886.....	809	12.58	22.17
1887.....	766	11.82	20.82
1888.....	742	10.82	20.01
1889.....	651	9.72	17.42
1890.....	825	11.19	21.91
1891.....	695	9.51	18.31
1892.....	736	9.21	19.24
1893.....	737	9.62	19.13
1894.....	714	10.35	18.38
1895.....	693	10.00	17.71
1896.....	679	9.99	17.22
1897.....	697	9.92	17.55
1898.....	607	9.00	15.16
1899.....	582	8.26	14.43
1900.....	650	8.20	15.79
1901.....	629	9.02	15.21
1902.....	569	8.55	13.69
1903.....	530	7.57	12.70
1904.....	575	8.45	13.71
1905.....	571	7.78	13.56
1906.....	538	7.17	12.71
1907.....	465	6.21	10.94
1908.....	471	6.57	11.03
1909.....	466	6.39	10.87
Total.....	17,122		

Table No. 51.

Deaths from Consumption by Nativity, Civil Condition and Sex,  
by Counties, for 1908.

Counties.	Sex.	American.	Foreign.	Not stated.	Married.	Single.	Widowed.	Not stated.	Total.	Grand total.
Rockingham	Males	25	10	3	19	10	4	5	38	68
	Females	23	7		13	8	8	1	30	
Strafford	Males	13	3	1	9	3	2	3	17	55
	Females	31	5	2	15	14	*7	2	38	
Belknap	Males	7	7	1	7	5	2	1	15	27
	Females	10	1	1	6	4	2		12	
Carroll	Males	12	1		11	2			13	21
	Females	8			4	4			8	
Merrimack	Males	22	9	2	19	11	*2	1	33	59
	Females	20	6		12	9	5		26	
Hillsborough	Males	35	29		32	27	2	3	64	134
	Females	36	33	1	30	33	6	1	70	
Cheshire	Males	8	10		6	11	1		18	31
	Females	9	4		7	4	2		13	
Sullivan	Males	8	1		5	3		1	9	22
	Females	10	3		7	4	*2		13	
Grafton	Males	7	6	2	7	5	*2	1	15	31
	Females	11	3	2	10	5	*1		16	
Coös	Males	7	3	1	4	7			11	23
	Females	5	3	4	6	4	2		12	
Total for state	Males	144	79	10	119	84	15	15	233	471
	Females	163	65	10	110	89	35	4	238	
Grand total		307	144	20	229	173	50	19	471	471

\*One divorced.

Table No. 52.

Deaths from Consumption by Nativity, Civil Conditions and Sex,  
by Counties, for 1909.

Counties.	Sex.	American.	Foreign.	Not stated.	Married.	Single.	Widowed.	Not stated.	Total.	Grand total.
Rockingham.....	Males.....	20	11	3	17	14	.....	3	34	63
	Females.....	22	7	.....	16	6	*6	1	29	
Strafford.....	Males.....	8	9	1	11	6	.....	1	18	46
	Females.....	19	9	.....	14	9	3	2	28	
Belknap.....	Males.....	11	1	1	3	5	3	2	13	22
	Females.....	6	3	.....	3	3	3	.....	9	
Carroll.....	Males.....	6	4	.....	6	3	1	.....	10	19
	Females.....	9	.....	.....	2	5	1	1	9	
Merrimack.....	Males.....	29	12	2	19	23	1	.....	43	80
	Females.....	24	13	.....	19	12	5	1	37	
Hillsborough.....	Males.....	47	29	.....	26	35	9	6	76	147
	Females.....	32	39	.....	35	30	*4	2	71	
Cheshire.....	Males.....	5	6	1	7	4	*1	.....	12	26
	Females.....	10	4	.....	4	8	1	1	14	
Sullivan.....	Males.....	3	2	1	3	3	.....	.....	6	11
	Females.....	4	1	.....	4	1	.....	.....	5	
Grafton.....	Males.....	11	3	2	8	.....	*1	7	16	27
	Females.....	9	2	.....	8	.....	1	2	11	
Coos.....	Males.....	8	3	2	3	8	1	1	13	25
	Females.....	9	2	1	6	1	4	1	12	
Total for state	Males.....	148	80	13	103	101	17	20	241	466
	Females.....	144	80	1	111	75	28	11	225	
Grand total.....		302	160	14	214	176	45	31	466	466

\*One divorced.

Table No. 53.  
Mortality from Consumption by Counties, with Percentages of Deaths to Total Mortality, from 1884 to 1909,  
inclusive.

Counties.	1884.		1885.		1886.		1887.		1888.		1889.		1890.		1891.		1892.		1893.		1894.		1895.		1896.	
	Deaths.	Percentages.																								
Rockingham...	130	14.89	134	14.70	142	14.74	130	14.84	96	10.71	88	10.05	134	12.58	85	8.57	133	12.96	113	10.94	101	11.21	99	10.88	92	10.50
Strafford, . . . . .	105	16.74	96	15.50	96	15.76	80	11.88	93	13.51	75	10.85	117	14.60	94	11.62	84	9.72	78	10.51	78	12.64	65	10.42	65	9.63
Belknap, . . . . .	54	18.94	50	17.30	37	10.22	48	13.00	46	11.73	42	10.79	40	10.69	44	11.23	35	7.95	47	12.74	43	11.28	32	9.46	31	8.96
Carroll, . . . . .	46	13.81	33	12.26	41	13.53	33	11.22	26	7.92	29	9.73	25	8.25	32	9.38	36	10.53	36	11.80	26	8.69	26	8.75	21	7.39
Merrimaek . . . . .	91	12.36	102	12.81	79	9.48	96	11.49	101	10.97	88	9.87	114	11.59	89	9.36	100	9.40	108	10.16	112	11.75	91	9.78	79	8.91
Hillsborough...	229	13.83	233	13.69	218	12.96	179	10.55	209	11.32	168	9.64	204	10.33	197	10.06	175	8.36	190	9.03	194	10.19	182	9.19	234	11.61
Cheshire, . . . . .	62	12.47	75	15.18	60	12.63	50	10.37	47	9.63	53	10.09	51	9.15	49	10.16	56	9.21	48	8.06	48	9.34	50	9.76	39	8.90
Sullivan, . . . . .	36	13.18	36	12.67	45	13.72	32	11.30	36	11.00	28	8.91	32	9.63	20	7.15	27	7.07	32	8.84	32	9.81	40	12.66	39	13.65
Grafton, . . . . .	83	12.73	70	11.45	72	11.72	80	13.28	63	9.61	58	9.27	70	10.75	57	8.79	58	7.77	53	7.61	52	8.15	71	10.43	51	8.04
Coos, . . . . .	32	12.16	28	12.33	19	7.42	38	10.32	25	7.96	22	6.32	38	11.51	28	6.10	32	7.00	32	8.10	28	7.63	37	10.85	28	8.19
Total, . . . . .	868	14.01	857	13.82	809	12.58	766	11.82	742	10.82	651	9.72	825	11.19	695	9.51	736	9.21	737	9.62	714	10.35	693	10.00	679	9.99

Table 53.--Concluded.

Counties.	1897.		1898.		1899.		1900.		1901.		1902.		1903.		1904.		1905.		1906.		1907.		1908.		1909.	
	Deaths.	Percentages.																								
Rockingham...	96	10.53	84	9.95	78	8.91	83	8.91	73	8.13	78	8.87	66	7.70	83	10.17	71	7.60	72	8.20	79	8.47	68	7.79	63	7.61
Stafford.....	93	12.93	73	10.32	67	9.18	75	9.61	76	11.83	73	12.22	64	10.06	69	10.45	48	6.75	56	8.34	45	6.75	55	8.52	46	7.16
Belknap.....	37	11.14	28	8.07	27	7.58	39	10.43	28	8.05	28	8.28	33	8.75	22	6.83	18	5.04	30	7.37	23	6.42	27	7.73	22	6.12
Carroll.....	29	10.28	30	10.83	19	6.55	24	7.92	23	10.95	23	8.81	17	6.11	22	9.01	25	8.99	15	5.57	12	4.37	21	8.20	19	7.48
Merrimack....	71	8.14	75	9.06	67	7.33	65	6.06	67	7.86	78	9.11	64	6.74	65	6.88	82	8.71	60	6.01	66	6.56	59	6.03	80	7.78
Hillsborough..	193	9.43	176	9.26	191	9.59	206	9.59	210	9.93	157	7.69	159	8.04	182	9.46	199	8.71	183	7.94	136	6.10	134	6.48	147	6.37
Cheshire.....	50	10.44	38	7.61	36	6.88	46	9.28	46	8.61	26	5.97	30	6.55	40	7.61	39	7.67	35	7.07	28	5.34	31	6.02	26	5.46
Sullivan.....	31	9.84	30	9.80	18	6.62	24	7.23	27	8.44	22	8.15	21	6.73	17	6.18	20	6.87	27	9.34	18	5.71	22	6.07	11	3.53
Grafton.....	63	9.14	46	7.21	53	8.01	63	8.76	42	6.20	56	9.16	45	6.64	40	6.30	42	6.75	37	4.97	39	5.52	31	4.56	27	3.91
Coos.....	34	8.92	27	6.77	26	5.99	25	5.75	37	9.78	28	7.71	31	6.93	35	7.76	27	6.50	23	5.16	19	3.95	23	4.84	25	6.37
Total.....	697	9.92	607	9.00	582	8.26	650	8.20	629	9.02	569	8.55	530	7.57	575	8.45	571	7.78	538	7.17	465	6.21	471	6.57	466	6.39

Table No. 54.  
 Percentage of Deaths from Consumption to the Total Mortality of the Cities of the State, for the Years 1883 to 1909, inclusive.

	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.
Manchester.....	14.89	14.28	13.03	15.01	11.15	12.37	9.30	10.29	10.40	8.77	8.49	9.44	8.24	12.08	10.16	9.01	9.84	10.47	9.48	7.38	7.41	8.90	8.33	7.49	5.91	7.89	6.82
Concord.....	11.41	8.66	10.68	8.60	10.13	10.23	9.81	9.13	9.30	8.43	9.15	11.69	9.01	9.09	6.73	6.78	6.65	5.45	8.89	7.97	6.07	7.42	9.43	6.54	6.50	5.00	8.20
Nashua.....	16.96	13.72	14.86	10.49	9.73	8.20	8.64	10.69	10.29	6.47	7.69	8.57	7.96	8.48	12.25	10.61	8.39	9.05	9.95	10.51	9.66	10.75	12.07	6.88	7.33	4.08	4.60
Dover.....	20.97	16.60	16.17	21.17	14.57	12.01	10.31	16.40	12.01	11.18	13.03	14.28	11.06	10.25	9.97	10.49	12.33	10.48	10.69	8.00	8.41	11.61	7.95	8.40	6.81	10.74	9.87
Portsmouth.....	16.02	14.74	12.18	17.84	16.26	13.26	7.73	14.34	8.17	17.61	10.08	13.66	21.11	13.66	14.59	9.33	9.39	9.75	8.41	5.50	8.78	17.08	9.89	8.19	9.69	9.40	7.34
Keene.....	16.91	16.00	22.80	16.00	11.90	9.47	9.62	10.25	11.90	13.77	9.43	10.34	11.11	9.01	9.02	11.36	6.76	11.46	10.65	4.16	6.06	9.33	8.92	5.42	5.00	4.40	8.27
Rochester.....	.....	.....	.....	.....	.....	.....	.....	.....	11.80	9.70	5.31	10.08	11.36	8.47	15.09	13.01	13.75	10.63	18.80	21.60	11.97	12.66	10.96	4.13	5.12	8.00	3.90
Laconia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.75	11.49	15.00	9.28	12.24	13.53	12.69	9.03	13.04	11.24	8.82	10.36	9.85	5.22	9.74	7.92	13.79	8.23
Somersworth.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.68	11.20	8.54	8.33	10.94	17.01	9.09	4.91	10.15	7.50	14.87	8.77	10.78	5.40	5.26	7.09	6.12	8.10
Franklin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.11	7.02	13.89	9.52	8.33	8.82	5.00	7.14	10.22	7.52	6.89	10.58	9.30	6.17	7.95	5.94	
Berlin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.05	5.26	1.84	5.26	4.85	10.56	6.14	4.73	4.37	3.55	5.37	1.91	3.66	5.75

## PNEUMONIA.

Table No. 55.

Mortality from Pneumonia in New Hampshire from 1883 to 1909, inclusive, by Ages.

Years.	Under 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Unknown.	Total.	
1883.....	82	48	3	3	6	27	23	30	36	45	86	94	66	13	498
1884.....	51	48	3	3	6	27	23	30	36	50	97	54	8	8	436
1885.....	69	49	8	4	11	15	27	32	37	72	105	74	1	1	504
1886.....	57	38	13	6	13	17	24	29	49	68	92	53	7	7	466
1887.....	68	33	7	5	13	28	32	40	48	89	121	68	4	4	556
1888.....	67	45	6	10	19	40	49	51	62	67	123	81	8	8	628
1889.....	61	50	8	12	17	29	36	40	48	98	100	79	4	4	582
1890.....	73	48	9	10	11	35	46	45	79	106	127	107	7	7	703
1891.....	73	43	15	6	11	43	31	38	74	109	126	95	9	9	673
1892.....	77	49	13	6	12	41	61	60	95	147	190	128	11	11	890
1893.....	86	65	15	5	15	36	39	55	60	95	120	88	6	6	685
1894.....	88	62	13	4	11	29	38	48	63	87	103	83	4	4	633
1895.....	69	62	11	8	16	27	32	46	57	101	127	74	9	9	639
1896.....	103	96	8	5	10	22	29	35	34	68	82	63	2	2	557
1897.....	122	82	13	7	9	22	36	33	56	78	100	87	5	5	650
1898.....	84	68	12	7	9	25	35	34	31	59	101	55	4	4	524
1899.....	130	97	19	9	19	25	39	46	50	85	129	99	6	6	753
1900.....	142	125	14	11	18	48	64	76	95	112	141	88	8	8	942
1901.....	105	82	13	3	9	41	35	65	55	78	136	89	5	5	716
1902.....	118	86	14	7	10	35	31	32	51	76	82	73	3	3	618
1903.....	127	87	19	11	17	26	42	40	54	85	95	78	5	5	686
1904.....	94	68	12	6	12	27	46	40	60	65	116	84	5	5	635
1905.....	110	86	13	6	16	26	36	51	54	76	110	100	6	6	690
1906.....	63	46	9	7	10	18	25	37	61	80	97	63	9	9	525
1907.....	72	47	11	9	14	26	36	47	47	89	128	74	2	2	602
1908.....	62	48	11	5	4	24	23	40	44	73	84	71	2	2	491
1909.....	85	53	12	7	17	31	47	33	44	85	91	71	4	4	580
Total.....	2338	1663	306	187	341	793	983	1159	1489	2284	3017	2145	157	157	16,862

Table No. 56.

Mortality from Pneumonia by Months from 1884 to 1909,  
inclusive.

Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Not stated.
1884.....	55	55	51	52	32	13	14	11	5	28	51	67	2
1885.....	53	59	101	95	35	25	13	10	10	33	38	32	....
1886.....	32	44	73	51	51	33	22	18	18	24	46	54	....
1887.....	71	73	85	85	49	17	13	13	14	34	47	54	1
1888.....	72	95	75	73	76	24	16	23	21	43	36	72	2
1889.....	69	66	79	102	51	22	15	19	16	53	41	49	....
1890.....	213	74	69	43	47	35	18	9	23	23	69	79	1
1891.....	73	60	82	72	95	41	13	7	14	23	37	152	4
1892.....	384	110	83	86	57	21	5	11	19	21	34	54	5
1893.....	75	71	95	87	67	38	18	14	14	24	48	133	1
1894.....	141	91	66	75	57	30	16	17	18	27	47	47	1
1895.....	89	91	141	78	34	29	14	15	16	29	35	66	2
1896.....	62	63	167	58	61	27	25	12	22	53	38	69	....
1897.....	84	87	261	67	48	30	15	8	22	33	41	54	....
1898.....	58	57	48	67	80	26	11	11	19	24	44	78	1
1899.....	168	114	82	91	44	25	28	17	24	35	28	97	....
1900.....	124	91	145	226	104	45	19	20	21	35	49	63	....
1901.....	79	134	126	81	67	35	10	14	13	37	49	71	....
1902.....	72	75	68	73	69	32	16	18	29	33	52	81	....
1903.....	93	111	89	66	64	23	29	17	18	35	62	79	....
1904.....	75	101	117	74	45	14	16	12	28	38	47	68	....
1905.....	97	125	116	82	52	25	27	12	22	30	51	51	....
1906.....	73	72	87	58	37	21	13	7	17	34	39	67	....
1907.....	124	84	72	67	53	33	14	10	21	31	39	54	....
1908.....	83	55	63	67	43	22	7	10	18	30	44	49	....
1909.....	52	83	102	74	61	36	19	9	21	30	45	48	....
Total.....	2571	2141	2343	2050	1479	722	426	344	483	840	1157	1788	20



## DIPHTHERIA AND MEMBRANOUS CROUP.

Table No. 58.

Mortality from Croup and Diphtheria, from 1884 to 1909, inclusive.

Years.	Deaths.			Percentages of deaths to deaths from all other causes.			Death rates per 10,000 living.*		
	Croup.	Diphtheria.	Total.	Croup.	Diphtheria.	Total.	Croup.	Diphtheria.	Total.
1884	49	110	159	.79	1.77	2.56	1.36	3.06	4.42
1885	74	78	152	1.19	1.25	2.44	2.04	2.15	4.19
1886	64	156	220	.99	2.41	3.40	1.75	4.27	6.02
1887	84	177	261	1.29	2.73	4.02	2.28	4.81	7.09
1888	94	103	197	1.37	1.50	2.87	2.53	2.77	5.30
1889	88	210	298	1.31	3.13	4.44	2.35	5.61	7.96
1890	64	164	228	.86	2.21	3.08	1.69	4.32	6.02
1891	56	160	216	.79	2.20	2.10	1.48	4.22	5.69
1892	45	134	179	.56	1.69	2.25	1.18	3.50	4.68
1893	36	63	99	.47	.82	1.29	.93	1.63	2.57
1894	44	73	117	.64	1.05	1.69	1.13	1.88	3.01
1895	49	78	127	.71	1.12	1.83	1.25	1.99	3.25
1896	59	85	144	.87	1.25	2.12	1.49	2.16	3.65
1897	61	82	143	.87	1.17	2.04	1.53	2.06	3.59
1898	37	71	108	.55	1.05	1.60	.92	1.77	2.69
1899	47	55	102	.66	.78	1.44	1.16	1.36	2.52
1900	36	64	100	.47	.84	1.31	.87	1.55	2.42
1901	30	60	90	.43	.86	1.29	.72	1.45	2.17
1902	26	136	162	.39	2.04	2.43	.62	3.28	3.90
1903	25	77	102	.36	1.10	1.46	.59	1.85	2.44
1904	25	43	68	.36	.63	.99	.59	1.03	1.62
1905	17	60	77	.23	.81	1.04	.40	1.42	1.82
1906	28	58	86	.37	.77	1.14	.66	1.37	2.03
1907	19	76	95	.25	1.01	1.26	.44	1.79	2.23
1908	22	77	99	.31	1.07	1.38	.51	1.80	2.31
1909	12	60	72	.16	.82	.98	.28	1.39	1.67
Total	1,191	2,510	3,701						
Average	45	96	142	.66	1.38	2.01	1.18	2.47	3.66

\*Estimated population.

## TYPHOID FEVER.

Table No. 59.

Deaths from Typhoid Fever, by Age Periods, from 1884 to 1909, inclusive.

Years.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.	Total.
1884.....	22	32	34	12	8	7	8	8	3	3	137
1885.....	16	31	34	14	8	7	10	11	3	2	136
1886.....	23	45	51	16	12	15	14	16	2	.....	194
1887.....	9	38	41	17	8	7	6	5	2	1	134
1888.....	20	37	39	12	8	8	9	8	3	6	150
1889.....	18	40	50	13	14	10	5	6	4	1	161
1890.....	14	35	33	18	14	10	7	7	3	2	143
1891.....	18	39	52	17	15	8	9	8	3	1	170
1892.....	11	27	24	18	8	5	6	3	4	3	109
1893.....	12	32	29	22	10	5	5	3	1	2	121
1894.....	13	24	39	19	11	9	10	8	2	.....	135
1895.....	5	26	28	10	12	4	7	3	1	3	99
1896.....	18	24	47	21	6	6	10	5	1	1	139
1897.....	12	22	22	12	8	10	4	1	1	.....	92
1898.....	9	25	36	14	11	7	3	2	.....	1	108
1899.....	5	16	34	13	7	4	4	3	1	2	92
1900.....	7	17	38	13	9	4	5	3	1	3	100
1901.....	11	11	19	20	10	9	6	2	1	.....	89
1902.....	8	18	17	12	6	3	4	1	1	2	72
1903.....	7	17	26	13	5	4	6	8	.....	.....	86
1904.....	5	13	22	17	7	2	4	5	1	.....	76
1905.....	5	14	12	9	7	5	4	.....	.....	.....	56
1906.....	7	13	18	16	10	5	4	2	.....	1	76
1907.....	2	9	8	14	6	2	5	1	.....	2	49
1908.....	8	11	22	15	12	7	.....	.....	.....	.....	75
1909.....	4	10	9	9	6	6	4	.....	.....	.....	48
Total.....	289	626	784	386	238	169	162	119	38	36	2,847

Table No. 60.

Typhoid Fever—Mortality from to Each 10,000 of the Population of Same Age Period for Twenty-four Years, from 1884 to 1909, inclusive.

1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.
1.70	3.63	4.39	2.77	2.08	1.85	2.45	3.09	2.90	.....

## SCARLET FEVER.

Table No. 61.

Mortality from Scarlatina, from 1884 to 1909, inclusive.

Years.	Deaths.	Percentages of deaths to deaths from all causes.	Death rates per 10,000 living population.*
1884.....	52	.83	1.44
1885.....	53	.85	1.46
1886.....	21	.32	.57
1887.....	26	.40	.70
1888.....	34	.49	.91
1889.....	18	.26	.48
1890.....	16	.21	.42
1891.....	13	.18	.34
1892.....	27	.33	.71
1893.....	52	.67	1.35
1894.....	61	.88	1.57
1895.....	58	.83	1.48
1896.....	23	.34	.58
1897.....	34	.48	.86
1898.....	25	.37	.62
1899.....	20	.28	.49
1900.....	27	.35	.65
1901.....	50	.72	1.20
1902.....	4	.06	.09
1903.....	9	.13	.21
1904.....	9	.13	.21
1905.....	2	.02	.04
1906.....	10	.13	.23
1907.....	7	.09	.16
1908.....	6	.08	.14
1909.....	18	.24	.41
Total.....	675		
Average.....	26	.37	.66

\*Estimated population.

Table 62.

## Deaths from Heart Disease, 1884 to 1909.

Years.	Number of deaths.	Rate per 10,000 to estimated population.
1884.....	507	14.12
1885.....	489	13.51
1886.....	510	13.98
1887.....	552	15.01
1888.....	575	15.51
		} Average rate for five years, 14.43.
1889.....	564	15.09
1890.....	568	15.08
1891.....	572	15.05
1892.....	571	14.89
1893.....	605	15.64
		} Average rate for five years, 15.15.
1894.....	649	16.63
1895.....	691	17.55
1896.....	647	16.28
1897.....	647	16.14
1898.....	619	15.30
		} Average rate for five years, 16.37.
1899.....	685	16.79
1900.....	682	16.56
1901.....	692	16.66
1902.....	701	16.73
1903.....	747	17.67
		} Average rate for five years, 16.89.
1904.....	673	15.79
1905.....	690	16.05
1906.....	681	15.70
1907.....	750	17.15
1908.....	711	16.13
		} Average rate for five years, 16.12.
1909.....	784	18.28

## CANCER.

Table No. 63.

## Table Showing Deaths in New Hampshire from Cancer for Twenty-six Years.

Year.	Deaths from cancer.	Year.	Deaths from cancer.	Year.	Deaths from cancer.
1884.....	210	1893.....	283	1902.....	341
1885.....	213	1894.....	230	1903.....	314
1886.....	206	1895.....	266	1904.....	326
1887.....	218	1896.....	275	1905.....	344
1888.....	203	1897.....	265	1906.....	354
1889.....	213	1898.....	305	1907.....	356
1890.....	276	1899.....	279	1908.....	373
1891.....	222	1900.....	292	1909.....	383
1892.....	235	1901.....	364		

## APOPLEXY.

Table No. 64.

Deaths from Apoplexy by Age Periods, from 1884 to 1909, inclusive.

Years.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.	Total.	Rate to total population. (Per 10,000.)
1884.....	6	1	3	14	8	21	52	61	34	4	204	5.68
1885.....	2	1	4	12	16	26	44	69	30	2	206	5.69
1886.....	2	1	1	12	16	24	48	81	32	3	220	6.03
1887.....	3	.....	5	11	14	24	56	53	43	1	210	5.71
1888.....	4	.....	3	6	12	19	59	75	64	1	243	6.55
1889.....	2	.....	6	4	16	43	65	74	48	1	259	6.93
1890.....	1	1	3	6	19	38	58	82	50	5	263	6.98
1891.....	7	1	8	10	22	31	61	90	49	4	283	7.44
1892.....	.....	.....	1	5	20	50	73	93	57	9	308	8.03
1893.....	3	.....	5	9	21	37	82	108	61	5	331	8.55
1894.....	2	1	3	4	12	42	79	105	44	2	294	7.53
1895.....	1	2	6	9	16	45	67	112	59	4	321	8.15
1896.....	2	.....	5	8	21	52	90	116	59	4	357	8.98
1897.....	3	.....	9	8	15	48	76	104	77	5	345	8.60
1898.....	4	.....	4	7	20	53	73	112	68	2	343	8.48
1899.....	2	2	4	9	30	53	83	126	63	4	376	9.21
1900.....	2	1	6	7	18	55	87	105	72	9	362	8.79
1901.....	1	2	4	13	28	38	92	102	58	2	340	8.22
1902.....	12	.....	5	5	25	53	105	136	67	4	412	9.91
1903.....	10	2	8	14	35	63	99	117	81	2	431	10.32
1904.....	13	1	2	13	25	66	97	126	82	5	430	10.25
1905.....	9	5	3	11	30	61	122	125	84	3	453	10.75
1906.....	8	3	7	7	27	63	95	147	85	4	446	10.54
1907.....	11	1	7	11	26	71	133	158	101	4	523	12.30
1908.....	12	3	3	12	26	82	108	143	99	3	491	11.50
1909.....	7	2	6	8	26	70	135	146	80	4	484	11.29
Total.....	129	30	121	235	544	1228	2139	2766	1647	96	8935	

Table No. 65.

Deaths from Bright's Disease by Age Periods, 1884 to 1909,  
inclusive.

Years.	1 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	Over 80.	Not stated.	Total.	Rate to total population.* (per 10,000.)
1884	6	6	9	13	12	23	20	23	3	2	117	3.26
1885	6	9	11	19	15	14	24	24	7	1	130	3.59
1886	3	2	9	8	8	10	28	33	6	1	108	2.96
1887	4	6	6	17	12	16	29	25	6	1	122	3.31
1888	9	3	6	3	15	20	25	25	5	2	113	3.04
1889	3	3	11	16	19	28	34	33	8	1	156	4.17
1890	5	5	5	14	16	24	35	39	11	3	157	4.16
1891	2	9	7	18	16	27	46	34	10	5	174	4.57
1892	7	6	10	16	24	35	37	36	9	3	183	4.77
1893	13	7	10	18	18	18	29	39	7	...	159	4.11
1894	10	6	14	12	20	24	22	30	6	1	145	3.71
1895	4	8	13	17	23	37	34	38	13	1	188	4.77
1896	6	10	9	18	17	32	39	43	15	2	191	4.80
1897	15	3	11	24	15	38	46	56	20	4	232	5.78
1898	5	7	16	16	15	35	51	65	16	3	229	5.66
1899	11	6	12	16	23	31	50	71	21	1	242	5.93
1900	12	5	15	14	34	35	49	61	20	3	248	6.02
1901	7	5	15	22	26	47	57	44	17	2	242	5.85
1902	8	4	19	20	33	43	64	77	25	4	297	7.15
1903	8	8	18	23	39	58	74	81	36	3	348	8.33
1904	6	4	19	25	34	57	67	76	45	6	339	8.08
1905	13	14	29	33	40	65	90	92	49	3	428	10.16
1906	7	9	19	29	47	67	108	93	36	5	430	10.16
1907	9	8	13	17	34	59	87	110	47	3	387	9.10
1908	10	7	17	25	27	61	74	113	36	4	374	8.76
1909	12	6	9	23	35	67	77	128	42	3	402	9.37
Total	201	166	332	476	617	971	1296	1489	516	68	6141	

\*Estimated population.



# INDEX.

	PAGE
Apoplexy, deaths from, by age periods, 1884-1909.....	348
Births, 1880-1909.....	307
American and foreign parentage, by counties, 1908.....	312
1909.....	312
by age of mother, number of child, and nationality, 1908.....	26
1909.....	178
by sex and months, by counties, 1908.....	24
1909.....	176
by towns, counties, and nativity, with rates, 1908.....	2-23
1909.....	154-175
with population and rates, 1884-1909.....	310
with rate to each 1,000 of population, 1908.....	311
1909.....	311
still, by sex, parentage, and month, by counties, 1908.....	29
1909.....	181
Bright's disease, deaths from, by age periods, 1884-1909.....	349
Cancer, deaths from, 1884-1909.....	347
Consumption, deaths from, 1884-1909.....	335
by age periods.....	334
by counties, with percentage to total mortality.....	338
by cities, with percentage to total mortality.....	340
by nativity, civil condition and sex, 1908.....	336
1909.....	337
Croup, deaths from, 1884-1909.....	344
Deaths and death rates, 1884-1909.....	321
by counties.....	322
at age periods, with percentage to total mortality, 1883-1909.....	325
at different periods, compared with number living at same period, 1908.....	326
1909.....	326
by ages and sex, 1884-1909.....	327
months, towns and counties, 1908.....	120-143
1909.....	272-295
by nativity, 1884-1909.....	332
by seasons, 1908.....	331
1909.....	331
by towns, counties and nativity, with rates, 1908.....	2-23
1909.....	154-175
causes of, by ages, sex, month, 1908.....	144-151
1909.....	296-303
by towns and counties, 1908.....	32-119
1909.....	184-271
from various causes, 1884-1908.....	333
male and female compared, 1884-1909.....	324
Deaths, percentage of, by ages and sex, to total mortality, 1884-1909.....	329
with population and rates, 1884-1909.....	310
with rate to each 1,000 of population, 1908.....	311
1909.....	311
Diphtheria, deaths from, 1884-1909.....	344

	PAGE
Divorces, 1870-1909, by counties. ....	316
1908, by counties. ....	30
1909, by counties. ....	182
causes, by counties, 1882-1909. ....	318
ratio of to marriages, 1908. ....	320
1909. ....	320
1882-1909. ....	319
Heart disease, deaths from, 1884-1909. ....	347
Marriages, 1880-1909. ....	308
by ages, 1908. ....	28
1909. ....	180
by nativity, with percentages, 1882-1909. ....	315
by towns, counties and nativity, with rates, 1908. ....	2-23
1909. ....	154-175
rates, 1882-1909. ....	313
by counties. ....	314
ratio of to divorces, 1882-1909. ....	319
by counties, 1908. ....	320
1909. ....	320
with population and rates, 1884-1909. ....	310
with rate to each 1,000 of population, 1908. ....	311
1909. ....	311
Pneumonia, deaths from, 1883-1909, by ages. ....	341
1884-1909, by counties. ....	343
by months. ....	342
Population by age periods, 1880, 1890, 1900. ....	306
by counties, 1890, 1900. ....	306
Scarlet fever, deaths from, 1884-1909. ....	346
Tuberculosis (see consumption).	
Typhoid fever, deaths from, by age periods, 1884-1909. ....	345
to each 1,000 of population of same age period, 1884-1909. ....	345

## TABLES.

TABLE NO. 1. Births, marriages, and deaths for the year ending December 31, 1908. ....	2
2. Births by sex and month, by counties, 1908. ....	24
3. Births showing age of mother, number of child, by nationality, 1908. ....	26
4. Marriages, showing age of brides and grooms, 1908. ....	28
5. Still births, by sex, parentage, and months, by counties, 1908. ....	29
6. Divorces decreed by the supreme court of New Hampshire in the year 1908, as returned by the clerks of the several counties. ....	30
7. Causes of death arranged by towns and counties 1908.—International classification. ....	32
8. Deaths by ages, sex and months, by counties and towns, 1908.—Not including still and premature births. ....	120
9. Causes of death by ages, sex, and month, 1908, by groups.—International classification. ....	144
10. Births, marriages, and deaths for the year ending December 31, 1909. ....	154
11. Births by sex and month, by counties, 1909. ....	176
12. Births showing age of mother, number of child, by nationality, 1909. ....	178
13. Marriages, showing age of brides and grooms, 1909. ....	180
14. Still births, by sex, parentage, and months, by counties, 1909. ....	181
15. Divorces decreed by the supreme court of New Hampshire in the year 1909, as returned by the clerks of the several counties. ....	182
16. Causes of death arranged by towns and counties, 1909.—International classification. ....	184

	PAGE
TABLE No. 17 Deaths by ages, sex and months, by counties and towns, 1909.—Not including still and premature births. . . . .	272
18. Causes of death by ages, sex, and month, 1909, by groups.—International classification. . . . .	296
19. Population of counties in 1880, 1890, and 1900. . . . .	306
20. Population of New Hampshire by age periods, census years, 1880, 1890, and 1900. . . . .	306
21. Showing births from 1880 to 1909, inclusive. . . . .	307
22. Showing number of marriages from 1880 to 1909, inclusive, by years. . . . .	308
23. Showing deaths from 1880 to 1909, inclusive. . . . .	309
24. Births, marriages and deaths, with the population and rates, for 1884 to 1909, inclusive. . . . .	310
25. Population of 1900; births, marriages and deaths, with rate of each to 1,000 of the population, for the year ending December 31, 1908. . . . .	311
26. Population of 1900; births, marriages and deaths, with rate of each to 1,000 of the population, for the year ending December 31, 1909. . . . .	311
27. Percentage of American and foreign births, by countries, 1908. . . . .	312
28. Percentage of American and foreign births, by counties, 1909. . . . .	312
29. Marriage rates for 1882 to 1909, inclusive. . . . .	313
30. Marriage rates for 1882 to 1909, inclusive, by counties. . . . .	314
31. Marriages, according to nativity.—Percentages, 1882 to 1909, inclusive. . . . .	315
32. Divorces decreed from 1870 to 1909, inclusive, by counties. . . . .	316
33. Causes upon which divorces have been decreed for twenty-six years, 1882 to 1909, inclusive, by counties. . . . .	318
34. Ratio of divorces to marriages from 1882 to 1909, inclusive. . . . .	319
35. Ratio of divorces to marriages, by counties, for 1908. . . . .	320
36. Ratio of divorces to marriages, by counties, for 1909. . . . .	320
37. Deaths and death rates from 1884 to 1909, inclusive. . . . .	321
38. Deaths and death rates by counties, from 1884 to 1909, inclusive. . . . .	322
39. Mortality of males and females compared, 1884 to 1909, inclusive. . . . .	324
40. Deaths at age periods, by percentages to total mortality from 1883 to 1909, inclusive. . . . .	325
41. Deaths at different periods, compared with the number living at the same period, 1908. . . . .	326
42. Deaths at different periods, compared with the number living at the same period, 1909. . . . .	326
43. Deaths by ages and sex, from 1884 to 1909, inclusive. . . . .	327
44. Percentages of deaths, by ages and sex to total mortality from 1884 to 1909, inclusive. . . . .	329
45. Total deaths by seasons, 1908. . . . .	331
46. Total deaths by seasons, 1909. . . . .	331
47. Nativity of persons deceased from 1884 to 1909, inclusive. . . . .	332
48. Deaths from various causes for twenty-six years—1884-1909. . . . .	333
49. Deaths from consumption (pulmonary tuberculosis) in New Hampshire for twenty-six years, by age periods. . . . .	334
50. Mortality from consumption, 1884 to 1909, inclusive. . . . .	335
51. Deaths from consumption, by nativity, civil condition and sex, by counties, for 1908. . . . .	336
52. Deaths from consumption, by nativity, civil condition and sex, by counties, for 1909. . . . .	337
53. Mortality from consumption by counties, with percentages of deaths to total mortality, from 1884 to 1909, inclusive. . . . .	338
54. Percentage of deaths from consumption to the total mortality of the cities of the state, for the years 1883 to 1909, inclusive. . . . .	340
55. Mortality from pneumonia in New Hampshire from 1883 to 1909, inclusive, by ages. . . . .	341

	PAGE
TABLE No. 56. Mortality from pneumonia by months from 1884 to 1909, inclusive. . . . .	342
57. Mortality from pneumonia by counties, from 1884 to 1909, inclusive. . . . .	343
58. Mortality from croup and diphtheria, from 1884 to 1909, inclusive. . . . .	344
59. Deaths from typhoid fever, by age periods, from 1884 to 1909, inclusive. . . . .	345
60. Typhoid fever—mortality from to each 10,000 of the population of same age period for twenty-four years, from 1884 to 1909, inclusive. . . . .	345
61. Mortality from scarlatina, from 1884 to 1909, inclusive. . . . .	346
62. Deaths from heart disease, 1884 to 1909. . . . .	347
63. Table showing deaths in New Hampshire from cancer for twenty-six years. . . . .	347
64. Deaths from apoplexy by age periods, from 1884 to 1909, inclusive. . . . .	348
65. Deaths from Bright's disease by age periods, 1884 to 1909, inclusive. . . . .	349





BIENNIAL REPORT

OF THE

ADJUTANT-GENERAL

OF THE

State of New Hampshire

SEPTEMBER 1, 1908, TO SEPTEMBER 1, 1910

BEING

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# ADJUTANT-GENERAL'S REPORT.

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STATE OF NEW HAMPSHIRE,

THE ADJUTANT-GENERAL'S OFFICE,

CONCORD, September 1, 1910.

*To His Excellency Henry B. Quinby, Governor, and the  
Honorable Council:*

GENTLEMEN:—In accordance with the requirements of section 21, chapter 102, of the Laws of 1909 (Militia Laws), requiring a detailed report on the condition of the National Guard of the State, I have the honor herewith to submit for your information a resumé of the work done by this department for the years 1909-1910, with an appendix containing sub-reports issued during the same period, and a financial statement of the transactions and disbursements of this office during that time, up to and including August 31, 1910.

The last session of the Legislature passed a new militia law, which law was the result of the combined efforts of a board of officers appointed by this department for that purpose. The bill was presented to the Legislature, and with some few modifications was enacted and became operative on the thirtieth of March, 1910.

By reason of the refusal of the Legislative body to entertain recommendations submitted by this department for an appropriation sufficient to meet the expenses incident to a full brigade, I was directed by your Excellency to prepare an order reducing the National Guard of this State so as to make the same more efficient and of more practical bene-

fit to the State. An order was published April 15, 1909, after the same had been approved by your Excellency, and the present reorganized militia dates from that date.

Since its reorganization the National Guard of New Hampshire has been placed upon a more business-like basis; inefficient organizations and organizations that in the opinion of this department had fallen below the standard required by the War Department have been disbanded, and the organization to-day consists of one regiment of infantry, of twelve companies and band, which regiment was created by the consolidation of some companies of both the old commands; a corps of coast artillery of four companies; a company of cavalry; a battery of field artillery; signal corps and hospital corps. Also the several staff departments have been reorganized and are now on a definite working system. The organizations that were disbanded were from Nashua, one; Manchester, two; Franklin, one; Milford, one; Claremont, one; and Littleton, one. The reorganized new regiment is composed of companies located as follows: Manchester, four; Concord, two; Nashua, two; Keene, two; Newport, one; and Berlin, one. The coast artillery has companies located at Portsmouth, Laconia, Exeter and Dover. Troop A, Cavalry, at Peterborough, Battery A, Field Artillery, at Manchester, the Signal Corps at Nashua and the Hospital Corps, two detachments, one at Manchester and the second at Concord. At the present time there are on the rolls of the National Guard of the State 98 commissioned officers and 1,121 enlisted men, a total strength of 1,219.

On April 8, 1909, what threatened to be a disastrous conflagration occurred in the city of Manchester, and by direction of your Excellency the military call on the fire alarm was sounded. Within thirty-five minutes after the call had been rung in seventy per cent. of the organized militia of the city of Manchester reported at the armory, had been formed into detachments and were ordered to re-

port to Brigadier-General William Sullivan, on the fire lines, for duty in assisting in the removal of property and the guarding of all the household goods and belongings that had been hurriedly removed from the threatened localities. The work done by the Manchester soldiers reflected great credit on many individual men thereof, because a number of them were burned out and were losers through this fire, but they reported for duty with their companies.

During the past two years this department has completely reuniformed the entire military force of the Commonwealth. Among the articles of clothing that have been issued to the men are one complete khaki uniform (cap, coat and breeches), one complete olive-drab uniform, olive-drab overcoats for all branches of the service, and the coast artillery has in addition been supplied with new dress uniforms and blue denim suits. The entire enlisted force has been furnished with articles necessary to allow of the appearance of their organizations in full dress on occasions of ceremony. There has been drawn from the Federal Government and issued to the troops a full supply of equipment necessary for field service duty, including field ovens with utensils for cooking, cot beds, shelter tents, new conical wall tents, haversacks, canteens, meat cans, knives, forks, spoons, dippers, blanket roll straps, olive-drab blankets, ponchos, and the Medical Department has been equipped with a supply of detached service medical chests and emergency cases and field hospital tents complete. Field service desks of the latest army pattern have been issued to each organization.

#### ARMORIES.

Pursuant to the verbal orders of your Excellency, I accompanied the Inspector-General during his tour of inspections of the National Guard, for the purpose of making a personal inspection of all the buildings and armories used by the National Guard of the State. Since my last report

the armory at Concord has been completed, and is now occupied by Companies C and E of the First Infantry, and the Hospital Corps. The building has proved itself a valuable acquisition to the State's holdings, and is admirably adapted for the purpose for which it was built. The property is adjacent to and connects by a narrow alley-way with the Municipal Building of the city of Concord, and was used in conjunction with Concord's City Hall on the occasion of the ball tendered your Excellency by the citizens of New Hampshire, that being practically the dedication of the building.

The armory at Manchester, in which are quartered Companies A, B, F and K, the Band, Battery A, and Hospital Corps Detachment, has been in need of much needed repairs to the head house roof and also the roof of the drill shed. By vote of your Excellency and the Honorable Council the necessary repairs to place the head house in proper condition were authorized and the work completed this fall. By reason of the Battery requiring more storage facilities, a change in the location of company property rooms was made necessary. The Battery's store-rooms were scattered throughout the basement, and I directed that the two Infantry Companies move into the two rooms that were used by the Battery so that the Battery might have the east side of the basement of the armory for the storage of their property. The changes appear to be satisfactory to all concerned.

At Nashua the armory is in need, in order to place the building in the condition it should be, of the outlay of a considerable sum of money. Some minor repairs have been made in the roof to prevent leakage, but the building itself in its present condition needs a complete renovation in order to be suitable, safe and sanitary.

The armory at Keene makes a very good place for the Keene Battalion to meet in, one company at a time. The present requirement of sixty-six men and three officers per

company makes this armory so crowded with one company drilling that the full benefit that might be derived is not obtainable.

At Newport the armory is simply a storehouse with a room used as a drill hall in which it is not possible to drill a whole company at a time.

The Berlin Company have the same quarters as for the last four years.

The armory at Portsmouth is the old court house re-finished interiorly and assigned to the First Company, Coast Artillery.

At Laconia the Second Company have a very satisfactorily arranged building.

In Exeter the Third Company are well quartered in the town building.

In Dover the Fourth Company are quartered in the basement of the City Hall. The sanitary conditions and the storage-room are entirely inefficient.

Troop A, Cavalry, have commodious quarters at Peterborough in which property is well cared for and drill-room is sufficient.

#### ENCAMPMENTS.

During the past two years encampments have been held by the entire force: the First Infantry, Battery A, Cavalry, Signal Corps and Detachment of the Hospital Corps, at Concord; the Coast Artillery Corps and Detachment of the Hospital Corps at Fort Constitution, Newcastle; each encampment at Concord lasting six days and each at Fort Constitution eight days. During the encampments at Concord considerable work was prescribed tending to impart instruction in field service exercises. Officers were detailed and sent here by the War Department as instructors, who gave much valuable information and knowledge to the officers and enlisted men regarding proper methods of sanita-

tion, personal care, discipline, field service instruction and in many other details, which was of great benefit to all.

The Coast Artillery, which was organized by your Excellency, has started in under most favorable conditions, having as their Chief Instructor, the District Commander of the Artillery District of Portsmouth, who, under orders of the War Department has given all assistance and instruction possible to both officers and enlisted men. During the first encampment in 1909 little work in connection with the manipulation and handling of sea-coast artillery was practicable by reason of the ignorance and unskilled condition of the men in that branch. During the winter months a school of instruction was established by the Artillery District Commander, held weekly at each station, with the result that during the encampment of 1910 sufficient progress had been made in the study of Coast Artillery Drill Regulations and other publications so that the various organizations were allowed to participate in target practice with sub-caliber charges. The result of the practice was most encouraging and was of vast benefit to the organizations not only in point of interest but in stimulating them all, to an extent otherwise impossible.

Battery A, Field Artillery, during its tour of duty in 1910, at Concord, was given opportunity to engage in Field Artillery target practice, a supply of fixed shrapnel having been secured from the Ordnance Department for this purpose. Negotiations were entered into and permission secured from property owners where the firing was to take place for this purpose. This was the first time in the knowledge of this department that fixed ammunition has been fired from a Field Battery in this State.

Encampments in small-arms practice have been held annually on the range of the Manchester Battalion Rifle Range Association at Massabesic. Detailed reports of these encampments are made a part of this report and will be found in the appendix.

During the past two years it became necessary for your Excellency to use the power vested in you by section 75, Militia Law, wherein is provided "An officer, who shall have been absent without leave for a period of thirty days or more, may be dismissed by the Governor." The cases in which this authority was used were those of Capt. Frank W. Butler, Fourth Company, Coast Artillery Corps, Dover, and First Lieutenant Albert W. Scott, Co. I, Second Infantry (old), of Exeter.

One of the requirements of the War Department in connection with the Organized Militia is that officers of all grades as well as enlisted men shall participate in some sort of a school of instruction. In conformity with the War Department's requirements, Colonel Tutherly, the representative of the War Department on duty with the Organized Militia of this State, has been placed in charge of these schools, orders for the same having recently been published. The work to be undertaken is practical, not theoretical, and it will be the endeavor to impart instruction through these schools in such a manner that it will be readily assimilated by the instructed.

During the summer of 1909 I sent three officers of the Medical Department, Major Webber, Captain Wilkins, and Lieutenant Parker, to a Medical Camp of Instruction, conducted by the medical officers of the Army at Antietam, Maryland. The officers were paid for this tour of duty out of funds accruing under section 1661, R. S., from the War Department.

#### GENERAL REMARKS AND RECOMMENDATIONS.

The interest in rifle practice in this State has steadily grown and the results attained by the several companies in proficiency in small-arms practice is considered most encouraging. The Chief Ordnance Officer has given of his best endeavor to the perfection of his branch of the service.

It was a great disappointment to the officers of this department that on account of the lack of funds available for this purpose it was deemed advisable by your Excellency not to have representatives of the State team participate in the National Rifle Matches at Camp Perry, Ohio. The instruction and benefit derived by those participating in these National events was of inestimable value to the members of the team. They were thrown in contact with experts in the rifle game from all parts of the United States, and consequently absorbed a vast amount of knowledge in the use and manipulation of the rifle. The State team participated in the New England Military Rifle Association matches at Wakefield, Mass., and your attention is invited to report thereon by the Ordnance Department.

It is urged and recommended that this department be given legislative authority to enlist the interest and attention of the public high schools of the State in the subject of indoor gallery practice for school pupils. This subject is receiving the attention of a considerable number of the states in the Union, and means are being devised for the introduction of this instructive branch as a part of the curriculum of the various institutions. This movement is indorsed, urged and recommended by the National Guard Association of the United States at the recent convention held in the city of St. Louis, the idea being that the proper time to install the art of shooting in a novice is in his younger days when he can become thoroughly interested and acquainted with the workings of fire-arms, the same being under instruction of a competent instructor.

The Manchester Battalion Rifle Range, a property of about one hundred thirty acres, located in the town of Auburn, near Lake Massabesie, was purchased through the combined efforts of the several military organizations in Manchester as a union range. These organizations have laid out considerable money in the improvement of this property, including the installation of telephone lines and

target pits, and it is recommended that authority be given for the State to purchase this property. The officers of this association have signified their willingness to transfer the same to the State, provided the same can be done under proper authority. It is recommended that the Legislature be asked to appropriate a sum for this purpose.

I would respectfully urge and recommend that in the future when troops are ordered into camp at Concord or such other place as may be designated, that the same be by regiment only. It is the sense of this department that to have the several branches of the service doing duty at the same time and in the same place is detrimental to the best interests of the service. In the case at Concord, it is thought that the maneuvers and problems in the art of war, such as are proposed and desired by the officers of the War Department for the instruction of the Organized Militia, can be better put into effect, and the problems worked out more satisfactorily by having the several units of the National Guard encamp by themselves.

By the action of the Legislature in passing a bill changing the commencement of the fiscal year for appropriations from June 1 to September 1, the operations of this department have been greatly hampered. To make myself more specific, the encampments of the National Guard of this State, which since 1882 have been held in the month of June, were this year held in September by reason of the fact that the appropriation for the maintenance of the National Guard did not become operative until September 1. In the previous years the appropriations became available on June 1 and the National Guard were enabled to have their encampment either in June or July, when from past experience the weather is far more suited, and the health of the men is not endangered through the cold nights incident to and expected at that time of the year when the encampments are held in September. The cost of the encampment for the troops at Concord and at Fort Constitu-

tion this year amounted approximately to \$25,000, and it is recommended and urged that your honorable body recommend to the incoming administration that a bill be presented and passed by the Legislature reimbursing the appropriation for the National Guard of 1910-11 to this amount, in order that encampments in the future may be held in accordance with the custom of years' standing. Unless action of this sort can be secured from the incoming Legislature, it is doubtful if the organization will in the future be able to return to the more propitious season of the year for holding these encampments.

It is suggested that if the amount paid by the State for armory rents in places outside of Concord, Manchester and Nashua (where the armories are owned by the State and no rent is paid) could be increased by an act of the Legislature so that companies would be able to secure suitable quarters, the result to the State would be extremely beneficial. Under the present law a maximum of \$200 per company is allowed for rent. This amount fails to allow of the renting of armories suitable for military purposes; as, for example, Keene pays \$2,000; Berlin, \$800; and both of them draw the above rent money from the State, making up the balance by turning in all the pay received for duty from the State into Company treasury, and by holding entertainments to raise funds and sometimes by making assessments on members. These companies are entitled to and should receive better assistance from the State.

The State College at Durham has an officer from the War Department detailed there as instructor in military science. Among the many duties required of this officer under orders from the War Department is to report the names of graduates who have shown most proficiency in the military department to the Adjutant-General of the state in which the graduate resides, and the following named members of the class of 1909 have been reported to this office as having shown especial aptitude for military service:

Carl Duncan Kennedy, Concord.  
Harold Hartshorn Wilkins, Amherst.  
John Paul Trickey, Rochester.

From the class of 1910 the following men were reported as showing especial aptitude for the military service and their names have been reported to the Adjutant-General of the United States Army:

Harry Peach Corson, Laconia.  
Robert Abbott Neal, Dover.  
Fred Odell Chase, Warner.  
Cheney Edison Lawrence, Nashua.

In addition to the above this office has been advised by the military instructor of the University of Maine, Orono, Me., that Harold S. Bowman of Salmon Falls has also been recommended to the War Department as having shown especial aptitude for the military service.

The Militia Law provides in section 2 that whenever the Governor shall deem it necessary he may order an enrollment to be made of all persons liable to service in the militia. It is recommended and urged that the provisions of this section be carried out that the incoming administration be requested to see that the same is carried into effect. No enrollment has been made in this State for more than twenty years, and as the State is required to make return of the "Enrolled Militia," so called, annually, the same for a number of years has been mere guess-work. It is believed that the enrollment can be made in conjunction with and at the same time when the assessors and clerks of the various towns and wards make their tax assessment, April 1.

I would recommend and urge the passage by the Legislature of a bill for the reorganization of the Adjutant-General's Department, the same to be on the following basis: An Adjutant-General, who shall be The Adjutant-General and Chief of Staff to the Commander-in-Chief,

with the rank of Brigadier-General; an Adjutant-General with the rank of Lieutenant-Colonel, whose duties shall be as assistant to The Adjutant-General and who shall have his office in the State Capital and have power to sign all communications and to carry on the work of the office in the absence of The Adjutant-General; the clerical force to consist of not less than two clerks. This recommendation is made and the passage of the bill urged for the reason that the work has so materially increased and the files of the office are in need of indexing and a complete record transcribed from the books now here in order to be of more ready access, that the present clerical force is absolutely insufficient to accomplish the desired end. The work entailed on this office, by reason of the enactment of the "Dick Bill" and the placing of the Organized Militia under the War Department, has, within the last four years, quadrupled the labor of former years. The amount of correspondence that has been created by the passage of this law and the amount of bookkeeping in connection with the issuing of supplies and financial transactions, renders it beyond the physical power of the present force to keep up with the duties required. The Adjutant-General as Chief of Staff at the present time is of necessity obliged to be absent from the office to a certain degree as attendant to the Commander-in-Chief, and during his absence the correspondence and other official business that should be attended to at the time have been and continue to be necessarily delayed. By having an assistant Adjutant-General on duty permanently in the office, much necessary waste of time and necessary delays can be avoided.

I would respectfully invite your attention to a conflict of two laws, that creating the office of state auditor and prescribing the duties thereof, and the Militia Law wherein is also provided the method and manner in which accounts shall be audited and paid. The law creating the office of state auditor was approved on March 17, 1909; the Militia

Law was approved on March 30. We do not desire to cause a conflict of authority or law, but we do claim as matters now stand that the state auditor has absolutely no authority over the disbursements of the Adjutant-General's department. The Commander-in-Chief and the Honorable Council are the only ones under the Militia Law who can make the audit of accounts of this department. The Militia Law has at its close a repealing clause, and under the provisions of said clause the action of the state auditor, in so far as it affects the Adjutant-General's department, this department believes to be illegal.

I would further recommend and urge that the provisions contained in the Militia Law, whereby the sums collected by fines, which under the law should be deposited with the state treasurer to the credit of the National Guard and be in addition to any other amount appropriated, shall be allowed and this department be able to use the same, the auditor having ruled otherwise. There have been fines collected and deposited in accordance with the provisions of the law with the understanding that said sums should be available for use by this department. Upon application to have the same disbursed, said request has been denied.

By reason of the changes in the Medical Department, whereby the Hospital Corps is not now obliged to use and compound medicines in the Camp Hospitals, it is recommended by the officers of the Medical Department that the law relating to the appointment of a Sergeant of the first class of the Hospital Corps be amended, and that the requirement that this office be filled by a man who is a registered pharmacist be repealed, a registered pharmacist no longer being necessary for the furtherance of the work of the Hospital Corps.

I respectfully recommend that the Legislature be petitioned for the appropriation of a sum sufficient to allow of a representative of this office going to Washington, D. C., and securing from the War Department, official

copies of the records now on file there of the authentic and full list of soldiers and sailors from this State who served in the War of 1812 and in the War with Mexico, 1846. The files in this office are only partially complete and were secured during the administration of Adjutant-General Natt Head and published in the Adjutant-General's report, 1868.

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FINANCIAL STATEMENT OF EXPENSES OF THE  
ADJUTANT-GENERAL'S DEPARTMENT.

SEPTEMBER 1, 1908, TO AUGUST 31, 1909.

Salary of The Adjutant-General.....	\$1,500.00
Salary of Clerk.....	650.00
Printing Blanks .....	448.98
Printing Reports .....	794.27
Incidentals:—	
Office Supplies .....	\$68.85
Postage .....	177.74
Telephone and Telegraph .....	178.22
Express .....	72.97
Miscellaneous .....	128.46
	<hr/>
	626.24
	<hr/>
	\$4,019.49

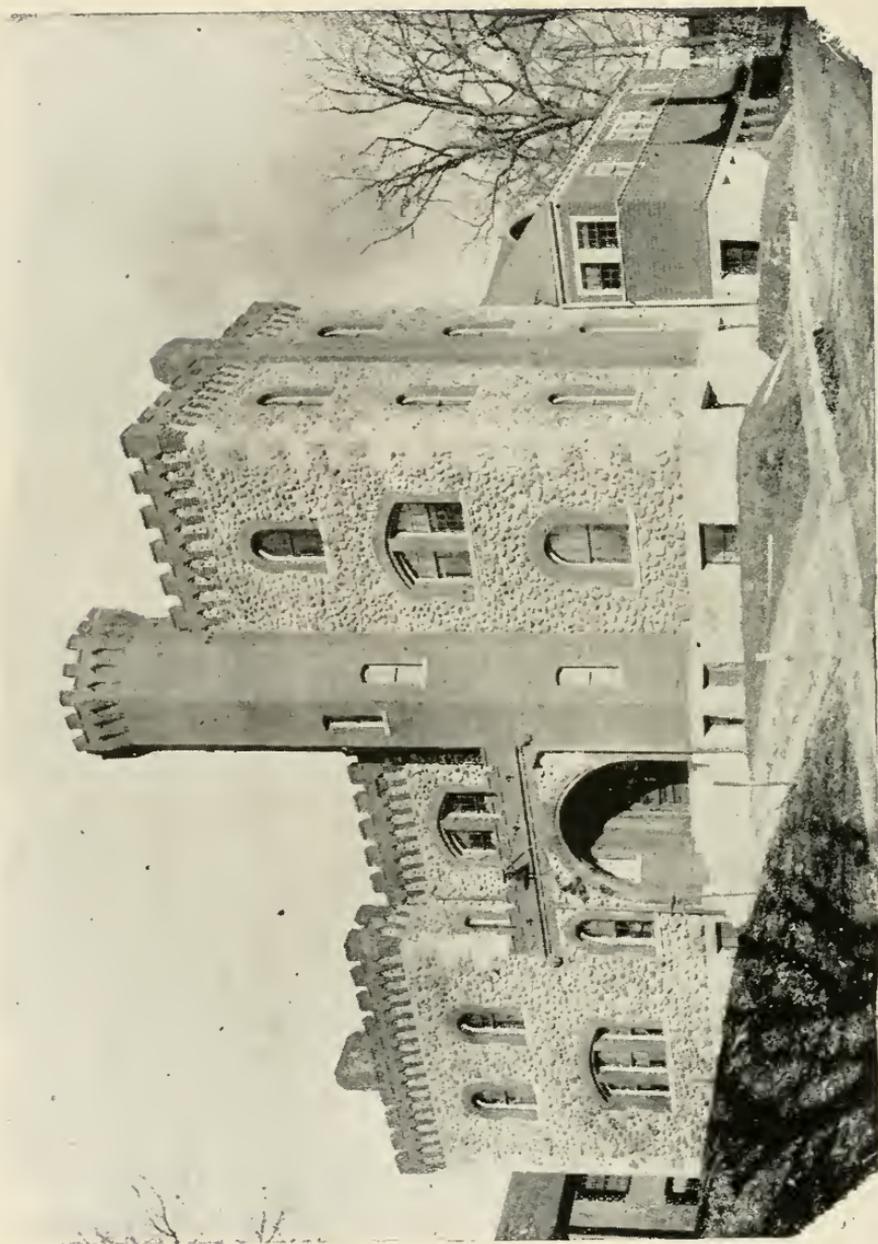
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APPROPRIATIONS, 1908—1909.

Report of disbursements made on account of maintenance of the New Hampshire National Guard, September 1, 1908, to August 31, 1909.

September 1, 1908, Appropriation, N. H. N. G..	\$35,000.00
Rents, armory .....	\$4,200.00
Sundry expenses, Hd. Qrs. & Cos..	1,708.46





STATE ARMORY, NASHUA, NEW HAMPSHIRE.



OFFICERS' ANNUAL ALLOWANCE FOR  
UNIFORMS, 1909.

Allowance to officers of the New Hampshire National Guard for uniforms and equipments, as per Act of Legislature, approved April 5, 1907, same being due on the first of each June:

113 Officers,            at \$25,            \$2,825

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SEPTEMBER 1, 1909, TO AUGUST 31, 1910.

Chapter 168, Laws 1909. An Act making appropriations for the expenses of the State for the year ending August 31, 1910.

Appropriation, The Adjutant-General's Department .....	\$57,000.00
Salary of The Adjutant-General....	\$1,500.00
Salary of Clerk .....	800.00
Incidentals:	
Office Supplies .....	\$247.14
Postage .....	95.00
Telephone and Telegraph .....	168.81
Express .....	58.40
	569.35
Printing Blanks .....	561.02
Rifle Ranges:	
Co. B, 1st Infantry....	\$50.00
Co. D, 1st Infantry....	50.00
Co. E, 1st Infantry....	50.00
Co. F, 1st Infantry....	50.00
Co. G, 1st Infantry....	50.00
Co. H, 1st Infantry....	50.00
Co. I, 1st Infantry....	50.00
Co. K, 1st Infantry....	50.00

Co. L, 1st Infantry . . . . .	\$50.00	
4th Co., C. A. C. . . . .	50.00	
Troop A, Cavalry . . . . .	50.00	
Batt'y A, 1st F. Artillery . . . . .	50.00	
		\$600.00
Officers' Uniforms (91 at \$25) . . . . .		2,275.00
Armories:		
Concord . . . . .	\$1,219.72	
Manchester . . . . .	4,284.53	
Nashua . . . . .	1,365.87	
		6,870.12
New Hampshire National Guard:		
Armory rents . . . . .	\$2,555.75	
Sundries, Hd. Qrs. & Cos. . . . .	1,277.79	
Miscellaneous . . . . .	4,178.68	
Miscellaneous, Camp . . . . .	5,371.82	
Pay-roll, Camp . . . . .	15,626.80	
Subsistence, Camp . . . . .	2,164.80	
Uniforms and Equipments . . . . .	472.93	
Examining Boards . . . . .	530.69	
Medical Examinations . . . . .	485.83	
Pay-roll Inspection . . . . .	1,787.56	
Rifle Competitions . . . . .	934.77	
Surveying Officer . . . . .	93.08	
Pay-roll Drill Season . . . . .	3,017.77	
Armories . . . . .	1,811.40	
Department Officers . . . . .	914.33	
		41,224.00
		\$54,399.49
Unexpended balance reverted to State Treasury . . . . .		2,600.51
		\$57,000.00
		\$57,000.00

The State of New Hampshire, in account with the United States  
for Arming and Equipping the Militia. (Act of May 27, 1908.)

1908				
Sept. 30	By apportionment for supplies, 1908-1909			\$18,956.56
	By apportionment for ammunition, 1908-1909			9,238.60
	To 300 service caps, khaki.....@	\$0.85	\$255.00	
Nov. 25	To 500 service caps, khaki.....@	.85	425.00	
Dec. 5	To 800 hat cords, Infantry.....@	.06	48.00	
	To 800 service hats.....@	1.91	1,528.00	
	To 100 cap ornaments, Cavalry...@	.07	7.00	
	To 820 cap ornaments, Infantry...@	.07	57.40	
	To 200 collar ornaments, Cavalry...@	.07	14.00	
	To 825 overcoats, O. D., Infantry...@	16.51	13,620.75	
	To 100 pairs trousers stripes, Infantry Sergeant.....@	.26	26.00	
	To 300 pairs trousers stripes, Infantry Corporal.....@	.26	78.00	
	To 10 pairs trousers stripes, Cavalry Sergeant.....@	.26	2.60	
	To 40 pairs trousers stripes, Cavalry Corporal.....@	.26	10.40	
	To 25 pairs trousers stripes, Artillery Sergeant.....@	.26	6.50	
	To 70 pairs trousers stripes, Artillery Corporal.....@	.26	18.20	
	To 238 pairs chevrons, khaki.....@	.19	45.22	
1909				
Jan. 11	To 703 collar ornaments.....@	.07	49.21	
Jan. 12	To 1,000 blankets, woolen, heavy...@	4.98	4,980.00	
Feb. 1	By extra apportionment.....@			3,121.82
	To 2,000 collar ornaments.....@	.09 $\frac{3}{4}$	42.24	
	(Balance charged to 1661 R. S.)			
Feb. 25	To 1,000 service caps, khaki.....@	.85	850.00	
	To 1,000 service coats, khaki.....@	1.75	1,750.00	
	To 1,000 service breeches, khaki...@	1.43	1,430.00	
	To 1,000 pairs leggins, canvas puttee.....@	.67	670.00	
	To 175 overcoats, O. D.....@	16.51	2,889.25	
	To 150 cap ornaments.....@	.07	10.50	
Feb. 26	To 812 collar ornaments, bronze...@	.07	56.84	
Feb. 27	To 425 collar ornaments, bronze...@	.07	29.75	
May 21	To 320 cots, gold medal.....@	2.88	921.60	
	To 1,920 pins, tent, small.....}			
	To 40 poles, tent, conical wall...}			
	To 40 straps, tent, conical wall...}	40.06	1,602.40	
	To 40 tents, conical wall.....}			
	To 40 tripods, conical wall.....}			
May 28	To 100 cartridge cases, not primed, for 3-inch field gun, model 1902...@	1.13	100.00	
	(Balance charged to 1661 R. S.)			
June 14	To 5 gallons Rubberine paint.....@	.18	5.25	
June 23	To 6 hooks, breast straps.....@	.10	1.03	
	To 6 hooks, collar straps.....@	.10	.60	
	To 6 hooks, side straps.....@	.10	.60	
	To 10 rollers, lead rein.....@	.26	2.60	
	To 12 canteen-haversack straps, double wire hooks.....@	.02	.24	
	To 30 canteen strap snap hooks...@	.09	2.70	
	To 20 haversack D-rings.....@	.01	.20	
	To 30 revolver lanyard snaps.....@	.01	.30	
	To 36 bridle snaps, watering.....@	.07	2.52	
	To 30 brow-band ornaments.....@	.04	1.20	
	To 40 foot staples, high.....@	.03	1.20	
	To 40 foot staples, low.....@	.03	1.20	
	To 40 foot staples, semi-circular...@	.03	1.20	
	To 20 halter bolts.....@	.00359	.07	
	To 50 halter squares.....@	.01	.50	
	To 20 halter swivel rings.....@	.07	1.40	

June 23	To 20 saddle nails.....@	\$0.0225	\$ .46
	To 30 saddle ovals.....@	.02	.60
	To 10 saddle shields.....@	.02	.20
	To 15 saddle bags, oval.....@	.02	.30
	To 12 saddle bags, studs.....@	.02	.24
	To 1 box stencil paste.....@	.17	.17
	To 15 awl blades, assorted.....@	.02	.30
	To 8 handles, awl flat.....@	.05	.40
	To 2 needles, Glover's No. 3, papers@	.19	.38
	To 2 needles, harness No. 4, papers@	.11	.22
	To 2 needles, harness No. 5, papers@	.11	.22
	To 2 needles, harness No. 6, papers@	.11	.22
	To 3 thimbles.....@	.06	.18
	To 1 beeswax, lb.....@	.24	.24
	To 5 borax, lbs.....@	.10	.50
	To 3 boxes russet leather dressing.@	.29	.87
	To 2 boxes whiting.....@	.10	.20
	To 2 boxes scouring material.....@	.32	.64
	To 3 brown wax, lbs.....@	.06	.18
	To 8 brushes, button.....@	.33	2.64
	To 2 brushes, wire scratch.....@	.27	.54
	To 30 buckles, bar, 5/8-inch.....@	.63	.90
	To 20 buckles, bar, 3/4-inch.....@	.03	.60
	To 6 buckles, bar, 3/4-inch, saal-		
	bach.....@	.03	.18
	To 12 buckles, bar, 7/8-inch.....@	.03	.36
	To 24 buckles, bar, 1 1/8-inch.....@	.025	.60
	To 24 buckles, bar, 1 1/8-inch, tongue-		
	less.....@	.025	.60
	To 24 buckles, bar, 1 3/8-inch.....@	.03	.72
	To 24 buckles, roller, 5/8-inch.....@	.0035	.08
	To 12 buckles, roller, 3/4-inch.....@	.0035	.04
	To 24 buckles, roller, 7/8-inch.....@	.0045	.11
	To 24 buckles, roller, 1-inch.....@	.005	.12
	To 24 buckles, roller, 1 1/4-inch.....@	.01	.24
	To 24 buckles, roller, 1 1/2-inch.....@	.01	.24
	To 24 buckles, wire, 3/4-inch.....@	.03	.72
	To 3 brushes, sash, No. 3.....@	.10	.30
	To 1 brush, camel's hair, No. 1,		
	round.....@	.17	.17
	To 3 brushes, sash, No. 5.....@	.15	.45
	To 2 brushes, varnish, 4-0.....@	.45	.90
	To 2 brushes, varnish, 5-0.....@	.52	1.04
	To 2 brushes, varnish, 6-0.....@	.56	1.12
	To 5 1/2 petroleum (vaseline), oz.....		.12
	To 1 pins, escutcheon (screw), gross	.18	.18
	To 24 rings, 1 1/4-inch.....@	.003 1/4	.08
	To 12 rings, 1 1/8-inch.....@	.01	.12
	To 12 rings, 1 3/4-inch.....@	.01	.12
	To 20 rings, 4-inch.....@	.03	.60
	To 8 button sticks.....@	.10	.80
	To 4 cans cosmic, No. 80, soft.....@	.30	1.20
	To 1 can linseed oil, raw, pint.....@	.20	.20
	To 4 chamois skins.....@	.18	.72
	To 2 cleaning plates.....@	.06	.12
	To 30 cotton waste, lbs.....@	.10	3.00
	To 4 crocus cloth, quires.....@	.47	1.88
	To 2 drier, Japan, qts.....@	.25	.50
	To 3 emery cloth, quires, Nos. 90,		
	120, 00.....@	.47	1.41
	To 12 hooks, end, brass wire.....@	.01	.12
	To 11 cans Lavaline, 10-oz.....@	.07	.77
	To 4 leather, bridles, sides.....@	5.85	23.40
	To 4 leather, collar, sides.....@	5.20	20.80
	To 150 leather, harness, lbs.....@	.46	69.00
	To 25 lye, concentrated, lbs.....@	.08	2.00
	To 4 oil, coal, gals.....@	.23	.92
	To 4 oil, linseed, boiled, gals.....@	.73	2.92
	To 20 oil, neatsfoot, gallons.....@	.90	18.00
	To 5 oil, light slushing, gals.....@	.51	2.55
	To 5 oil, sperm, gals.....@	.72	3.60
	To 10 oil, synovial, gals.....@	.44	4.40

June 23	To 5 hydrolene, gals. . . . . @	\$0.30	\$1.50
	To 2 paint, brown, for steel horse collars . . . . . @	.25	.50
	To 75 paint, olive drab, lbs., second coat . . . . . @	.16	12.00
	To 75 paint, olive drab, lbs., third coat . . . . . @	.14	10.50
	To 2 primer, brown enamel, qts. . . . . @	.15	.30
	To 1 rawhide, side. . . . . @	3.05	3.05
	To 2 rivets and burrs, brass 1/2, No. 10. . . . . @	.28	.56
	To 4 rivets and burrs, brass, 3/8, No. 10. . . . . @	.28	1.12
	To 2 rivets and burrs, brass, 1, No. 8, oval head, lbs. . . . . @	.26	.52
	To 7 rotten-stone, lbs. . . . . @	.07	.49
	To 50 sal. soda, lbs. . . . . @	.01	.50
	To 2 sandpaper, No. 2 1/2, quires. . . . . @	.14	.28
	To 1 sandpaper, No. 1 1/2, quire. . . . . @	.13	.13
	To 3 sandpaper, No. 1/2, 00, quires . . . . . @	.11	.33
	To 1 screw-brass, gross, 1-inch, No. 6 . . . . . @	.25	.25
	To 48 soap, castile, lbs. . . . . @	.07	3.36
	To 10 soap, crown, qts. . . . . @	.35	3.50
	To 6 snap hooks, bronzed. . . . . @	.06	.36
	To 60 soap, H. H. cakes. . . . . @	.08	4.80
	To 15 sponges, lbs. . . . . @	2.40	36.00
	To 2 rivets and burrs, lbs., brass, 3/8, No. 12. . . . . @	.30	.60
	To 1 tacks, copper, paper, 12-oz. . . . . @	.18	.18
	To 1 tacks, copper, paper, 20-oz. . . . . @	.30	.30
	To 1 thread, carpet, lb., No. 18. . . . . @	.76	.76
	To 20 sheepskins, with wool on, sides . . . . . @	.67	13.40
	To 3 thread, shoe, No. 3, lbs. . . . . @	.82	2.46
	To 3 thread, shoe, No. 10, lbs. . . . . @	.76	2.28
	To 4 turpentine, gals. . . . . @	.80	3.20
	To 50 webbing, linen, red, yds. . . . . @	.05	2.50
	To 2 burners, lantern. . . . . @	.04	.08
	To 6 pieces, sash cord, 8-32. . . . . @	.85	5.10
	To 2 globes, lantern . . . . . @	.12	.24
	To 5 wicks, lantern. . . . . @	.005	.03
	To 12 snaps, covert. . . . . @	.03	.36
July 1	By apportionment for supplies, 1909-1910 . . . . .		\$13,682.45
	By apportionment for ammunition, 1909-1910 . . . . .		8,828.20
July 3	To 320 camp stools. . . . . @	.50	160.00
1910			
Jan. 5	To 1,400 first aid packets. . . . .		248.50
	To 1,400 pouches for first aid packets . . . . . @	.14	196.00
	To 1,400 sets blanket roll straps. . . . . @	.50	700.00
	To 150 cartridge boxes, cal. 38. . . . . @	.62	93.00
	To 28 waist belts, Infantry Band. . . . . @	1.35	37.80
Jan. 20	To 150 cartridge belts, revolver, calibre 38, Artillery. . . . . @	.75	112.50
Jan. 21	To 1 box stencil paste. . . . . @	.17	.17
	To 3 boxes russet leather dressing. . . . . @	.29	.87
	To 2 boxes whiting. . . . . @	.10	.20
	To 2 boxes scouring material. . . . . @	.32	.64
	To 8 brushes, button. . . . . @	.33	2.64
	To 2 brushes, varnish, 4-0. . . . . @	.45	.90
	To 2 brushes, varnish, 5-0. . . . . @	.52	1.04
	To 2 brushes, varnish, 6-0. . . . . @	.56	1.12
	To 3 brushes, sash, No. 3. . . . . @	.10	.30
	To 3 brushes, sash, No. 5. . . . . @	.15	.45
	To 2 brushes, wire scratch. . . . . @	.27	.54
	To 4 cans cosmic, qts., No. 80. . . . . @	.30	1.20
	To 1 can linseed oil, raw, pt. . . . . @	.12	.12
	To 4 chamois skins. . . . . @	.45	1.80

Jan. 21	To 30 cotton waste, lbs. ....@	\$0.10	\$3 00
	To 4 crocus cloth, quires. ....@	.47	1.88
	To 2 drier, Japan, qts. ....@	.25	1.50
	To 3 emery cloth, quires, 90, 120, 00 .....	.47	1.41
	To 11 cans Lavaline (10-oz.)....@	.07	.77
	To 25 lye, concentrated, lbs. ....@	.06	1.50
	To 4 gals. coal oil. ....@	.23	0.92
	To 4 gals. linseed oil, boiled (2 gal- lons) .....	@ 1.36	2.72
	To 20 gals. neatsfoot oil. ....@	.90	18.00
	To 5 gals. light slushing oil. ....@	.51	2.55
	To 5 gals. sperm oil. ....@	.72	3.60
	To 10 gals. synovial oil. ....@	.44	4.40
	To 5 gals. hydrolene. ....@	.30	1.50
	To 2 lbs. brown paint. ....@	.25	.50
	To 75 lbs. olive drab paint, second coat .....	@ .16	12.00
	To 75 lbs. olive drab paint, third coat .....	@ .14	10.50
	To 2 qts. brown enamel primer. ....@	.60	1.20
	To 7 lbs. rotten-stone. ....@	.07	.49
	To 50 lbs. sal soda. ....@	.01	.50
	To 6 quires sandpaper, 2-2½; 1- 1½; 1-½; 2-00 .....	@ .80	.80
	To 48 lbs. castile soap. ....@	.07	3.36
	To 10 qts. Crown soap. ....@	.35	3.50
	To 60 cakes H. H. soap. ....@	.08	4.80
	To 1 paper copper tacks, 1-20-oz. ....@	.30	.30
	To 1 paper copper tacks, 1-12-oz. ....@	.18	.18
	To 4 gals. turpentine (2 gals.)....@	1.50	3.00
	To 2 lantern burners .....	@ .49 dz	.00
	To 2 lantern globes .....	@ 1.36	.27
	To 5 lantern wicks .....	@ .005	.03
Feb. 16	To 300 blue denim hats. ....@	.22	66 00
	To 300 blue denim coats. ....@	.75	225 00
	To 300 pairs blue denim trousers. ....@	.76	228 00
	To 300 overcoats, olive drab. ....@	15.26	4,578 00
	To 128 axes .....	@ .36	46 08
	To 128 axe helvcs. ....@	.15	19.20
	To 128 hatchets .....	@ .20	25 60
	To 128 hatchet helvcs. ....@	.04	5.12
	To 128 pickaxes .....	@ .33	42.24
	To 128 pickaxe helvcs. ....@	.10	12.80
	To 128 spades .....	@ .56	71.68
	To 28 music pouches, large. ....@	2 15	60.20
	To 28 music pouches, small. ....@	1.74	48.72
	To 27 field desks (new pattern)....@	14.65	395 55
	To 1,750 breast cords. ....@	.43	752.50
	To 350 dress caps .....	@ 1.19	416.50
	To 76 pairs chevrons, dress. ....@	.17	12.92
	To 350 dress coats .....	@ 4.98	1,742.00
	To 600 pairs dress trousers. ....@	2.18	1,308.00
	To 75 pairs trousers stripes. ....@	.22	16.50
	To 1,550 cap ornaments, gilt. ....@	.07	108.50
	To 3,100 collar ornaments, gilt. ....@	.07	217.00
	To 3,100 collar ornaments, gilt, (N. H.) .....	@ .12	372.00
	Charged to appropriation: 1661 R. S., \$2,276.50. May 27, 1908, \$8,493.61.		
Apr. 1	By extra apportionment. ....@		
Apr. 18	To 300 front sight covers. ....@	.02	6 00
	To 50 cut-offs .....	@ .18	9.00
	To 100 rear sight slides and slide caps .....	@ .22	22.00
	To 100 rear sight slide screws. ....@	.01	1.00
	To 100 rear sight slide cap-pins. ....@	.01	1.00
	To 100 rear sight slide cap-screws. ....@	.01	1.00
Apr. 29	To 12 guidons, ambulance. ....@	1.89	22.68
Apr. 30	To 2 chests, detached service. ....@	84.46	168.92
	To 2 emergency cases. ....@	10.21	20.42

May 3	To 2 kits, flag, 2 ft. ....		
	To 2 spectacles, smoked. ....		
	To 10 pencils, lead. ....		
	To 2 telescopes, field. ....		
	To 4 cells, dry. ....		
	To 1 reel, hand. ....		
	To 2 rods, ground. ....		
	To 1 reel, breast. ....		
	To 2 glasses, field. ....		\$422.56
	To 2 heliographs, complete. ....		
	To 50 carbide charges. ....		
	To 10 circulars, No. 1. ....		
	To 25 books, field-message. ....		
	To 2 disks, cipher. ....		
To 10 cells, dry. ....			
To 1 handle, pay-out. ....			
To 2 lanterns, field, acetylene. ....			
May 18	To 50,000 rounds revolver ball cart- ridges. ....@	\$9.70M	485.00
	To 500 paper targets "A". ....@	.04	20.00
	To 500 paper targets "D". ....@	.04	20.00
	To 2,000 felt wads for metallic cart- ridge cases. ....@	22.70	45.40
	To 100 rounds fixed common shrap- nel ammunition. ....@	9.25	925.00
May 23	To 2 movable targets. ....@	5.68	11.36
	To 5 fixed appearing targets. ....@	7.10	35.50
	To 10 covers for kneeling silhouettes, "A". ....@	1.50	15.00
	To 10 covers for standing silhouettes, "B". ....@	2.00	20.00
	To 10 covers for mounted movable targets. ....@	2.30	23.00
	To 10 covers for gun and caisson silhouettes "B". ....@	2.00	20.00
	To 200 paper silhouettes "D". ....@	.01	2.00
	To 200 paper silhouettes "H". ....@	.02	4.00
	To 50 paper silhouettes "X". ....@	.02	1.00
	To 50 paper silhouettes "N 1". ....@	.04	2.00
	To 50 paper silhouettes "O". ....@	.04	2.00
	To 50 paper silhouettes "P". ....@	.03	1.50
	To 5 boxes pasters, Artillery. ....@	.10	.50
	To 6 brushes, paste, 9-in. ....@	1.50	9.00
	To 300 yards sash-cord, 1/4-in. ....@	1.20	3.60
	To 45 metal pulleys, 3/4-in. ....@	.02	.90
	To 1,500 ft. wire rope, 1/4-in. ....@	.04	60.00
	To 1,500 ft. wire rope, 1/2-in. ....@	.05	75.00
	To 1 snatch block for 1/2-inch wire rope. ....@	6.70	6.70
	To 200,400 ball cartridges, cal. 30. ....@	31.90M	6,392.76
	To 50,000 ball cartridges, cal. 38. ....@	10.00M	500.00
June 21	To 24,000 ball cartridges, cal. 30. ....@	29.10M	698.40
	To 5,000 ball cartridges, cal. 38. ....@	9.70M	48.50
	By apportionment. ....		\$17,144.32
July 1	To 1,278 prs. breeches, O. D., foot. ....@	2.99	3,821.22
July 8	To 225 prs. breeches, O. D., foot. ....@	2.99	672.75
July 13	To 125 conical wall tents, reg. ....		
July 21	To 125 poles. ....@		
	To 125 straps. ....@	38.54	4,817.50
	To 125 tripods. ....@		
	To 6,000 tent pins, small. ....@		
	To 19 trumpet cords and tassels. ....@	.37	7.03
Aug. 1	To 2 detached service chests. ....@	84.46	168.92
	To 2 emergency cases. ....@	10.21	20.42
Aug. 17	To 17 prs. breeches, foot, O. D. ....@	3.20	54.40
	To 1,520 caps, O. D. ....@	.76	1,155.20
	To 137 prs. chevrons, dress, Arty. ....@	.19	26.03
	To 380 prs. chevrons, O. D. ....@	.20	76.00
	To 1,520 coats, service, O. D. ....@	5.30	8,056.60
	To 75 breast cords. ....@	.42	31.50
	To 1,580 cap ornaments, bronze. ....@	.07	110.60
	To 15,200 collar ornaments, buttons, bronze. ....@	.03	456.00
	To 300 collar ornaments, gilt. ....@	.09	27.00
	To 5,000 tent pins, small. ....@	.02	100.00
	To 150 cap ornaments, gilt. ....@	.09	13.50
	To 1,000 collar buttons, bronze. ....@	.03	30.00
	Charged to appropriation: 1661, R. S., \$810.78. May 27, 1908, \$9,325.45.		

ACCOUNT AS UNITED STATES DISBURSING  
OFFICER.

RECEIPTS.

Sept. 1, 1908.	Balance brought forward . . . . .	\$4,036.07
Feb. 17, 1909.	Deposited State Treasurer's check to repay overpayment for in- spections . . . . .	185.59
April 8, 1909.	By Warrant No. 23343, War De- partment, for arms, equipments and camp purposes. . . . .	20.32
Sept. 27, 1909.	By Warrant No. 7648, War De- partment, for promotion of rifle practice . . . . .	4,000.00
Jan. 4, 1910.	By Warrant No. 14164, War De- partment, for arms, equipments and camp purposes. . . . .	447.23
May 16, 1910.	By Warrant No. 26947, War De- partment, for arms, equipments and camp purposes. . . . .	5.28
		\$8,694.49

## DISBURSEMENTS.

Account of Expenditures as per Checks Drawn on the First National Bank of Portsmouth, N. H.

Date.	Name.	Check number.	For what paid.	Amount.
1908.				
Sept 11	George H. Piper .....	11	Rent and repairs Laconia Rifle Range .....	\$46.00
Sept. 17	Maj. Charles W. Howard..	12	Pay of Range Tenders Sept. 15, 16, 17 .....	211.50
Sept. 17	Maj.-Gen. Harry B. Cilley.	13	Pay of Range Tenders July 20-23 .....	324.50
Sept. 17	Ed. Stowe.....	14	Subsistence Rifle Team at Massabesic .....	142.00
Sept 17	Maj. E. R. Shaw .....	15	Incidental expenses at Massabesic .....	15.25
Sept. 17	Maj. A. F. Cummings .....	16	Pay-roll, work out, July 20-23 .....	430.38
Nov. 5	Maj.-Gen. Harry B. Cilley.	17	Pay-roll Rifle Team National Matches, Camp Perry.....	1,120.98
Nov. 5	Maj.-Gen. Harry B. Cilley.	18	Pay-roll Rifle Team State Shoot .....	311.08
Nov. 13	N. Y. Central & Hudson River R. R. Co.....	19	Pay Subsistence en route to Camp Perry .....	28.45
Nov. 23	B. & M. R. R.....	20	Transportation Rifle Team to Camp Perry.....	762.40
Nov. 23	B. & M. R. R.....	21	Subsistence Rifle Team en route to Camp Perry.....	64.50
Nov. 23	Maj.-Gen. Harry B. Cilley.	22	Cash paid for subsistence Rifle Team at Camp Perry .....	82.50
Nov. 23	Maj. E. R. Shaw .....	23	Incidental expenses Rifle Team at Camp Perry .....	69.25
Nov. 23	E. M. Bryant & Son .....	24	Repairs on telephone line at Massabesic .....	70.52
Dec. 10	Maj.-Gen. Harry B. Cilley.	25	Pay as Disbursing Officer for making pay rolls.....	355.52
1909.				
Mar. 15	Maj. A. F. Cummings .....	26	Amount due on pay-roll, Massabesic .....	15.32
Mar. 15	Major E. R. Shaw.....	27	Amount due on pay-roll, Massabesic .....	19.15
Mar. 15	Capt. M. H. Degnan.....	28	Amount due on pay-roll, Massabesic .....	10.68
Mar. 15	Capt. R. S. Foss.....	29	Amount due on pay-roll, Massabesic .....	10.68
Mar. 15	Capt. W. C. Ellis.....	30	Amount due on pay-roll, Massabesic .....	12.68
Mar. 15	Capt. E. C. Barker.....	31	Amount due on pay-roll, Massabesic .....	12.68
Mar. 15	Capt. C. H. Bergquist.....	32	Amount due on pay-roll, Massabesic .....	12.68
Mar. 15	Capt. G. H. Van Ness.....	33	Amount due on pay-roll, Massabesic .....	12.68
Mar. 15	Capt. C. R. Blake .....	34	Amount due on pay-roll, Massabesic .....	7.68
Mar. 15	Lieut. J. E. Wyman .....	35	Amount due on pay-roll, Massabesic .....	7.68

Date.	Name.	Check number.	For what paid.	Amount.
1909.				
Mar. 15	Lieut. F. J. Thomas.....	36	Amount due on pay-roll, Massabesic .....	\$7.68
Apr. 10	Capt. C. H. Miller, U. S. A.	37	Excess mileage, account of inspections .....	20.32
Nov. 15	Edward A. G. Smith .....	38	Rent of Rifle Range, Massabesic .....	500.00
1910.				
Jan. 24	Capt. Russell Wilkins.....	39	Pay and transportation, An-tietam, Md.....	143.42
Jan. 24	Maj. Norman B. Webber..	40	Pay and transportation, An-tietam, Md.....	171.06
Jan. 24	Lieut. David W. Parker...	41	Pay and transportation, An-tietam, Md.....	132.75
Jan. 24	Maj.-Gen. Harry B. Cilley	42	Pay-roll and transportation Rifle Team, work out, Mas-sabesic and Wakefield....	833.41
May 17	Capt. E. B. Gose, U. S. A..	43	Excess mileage, account of inspections .....	5.28
July 7	Edward A. G. Smith .....	44	Rent of Rifle Range, Massa-besic .....	500.00
Aug. 30	Maj. A. F. Cummings .....	45	Pay-roll State Rifle Team, Wakefield .....	391.07
Aug. 30	Maj. A. F. Cummings .....	46	Transportation State Rifle Team, Wakefield .....	75.49
Aug. 30	Maj. A. F. Cummings .....	47	Subsistence State Rifle Team, Wakefield.....	75.00
Sept. 1	To balance .....		.....	1 682.27
				<u>\$8,694.49</u>

The State of New Hampshire, in account with the United States Government, allotment to provide Arms and Equipments for New Hampshire National Guard. (Sect. 1661 R. S.)

1908				
July 1	By balance to credit, State of N. H.			\$124.93
	By apportionment, 1909.....			11,778.56
	To 1,600 collar ornaments, bronze. @	\$0.10	\$160 00	
Aug. 18	To 20 saddle covers, dropped by authority Secretary of War.....		49.00	
Sept. 28	To 300 khaki service caps.....@	.85	255.00	
Oct. 23	To 1 trigger pull.....@	.74	.74	
Nov. 17	To 1,000 rubber ponchos.....@	4.35	4,350.00	
	To 2 hospital tents, complete.....@	74.46	148.92	
	To 1,000 shelter tent halves.....@	2.42	2,420.00	
	To 1,000 canteens, tin.....@	.42	420.00	
	To 1,000 canteen straps, web.....@	.16	160.00	
	To 1,000 haversacks.....@	1.25	1,250.00	
	To 2,000 haversack hooks.....@	.01	20.00	
	To 1,000 meat cans, tin.....@	.23	230.00	
	To 1,000 knives.....@	.12	120.00	
	To 1,000 forks.....@	.05	50.00	
	To 1,000 spoons.....@	.04	40.00	
	To 1,000 cups, tin.....@	.14	140.00	
Nov. 27	To 16 ranges, field, No. 1.....@	22.80		
	To 64 boilers, nested.....@	11.25		
	To 16 choppers, meat.....@	1.25		
	To 16 cleavers.....@	.55		
	To 16 dippers.....@	.30		
	To 16 forks, large.....@	.30		
	To 16 knives, butcher.....@	.45		
	To 16 ladles, plain.....@	.28½		
	To 16 ladles, pierced.....@	.28½		
	To 32 lanterns, folding.....@	2.00		
	To 32 pans, bake.....@	.60		
	To 32 pipe, smoke, elbows.....@	.25	632.00	
	To 64 pipe, smoke, joints.....@	.17½		
	To 16 saws, meat.....@	.65		
	To 16 shovels, fire.....@	.10		
	To 16 sieves, flour.....@	.35		
	To 16 skimmers.....@	.20		
	To 16 spoons, large.....@	.10		
	To 16 steels, butcher.....@	.33		
	To 16 turners, cake.....@	.25		
	To 16 cleaners, pot, wire.....@	.05		
	To 16 dredgers, flour.....@	.08½		
	To 16 dredgers, pepper.....@	.08½		
	To 16 dredgers, salt.....@	.10		
Nov. 29	To 500 service caps, khaki.....@	.85	425.00	
Dec 14	By 1 trigger pull, credited.....@			.74
1909				
Jan. 27	By credit, certificate of deposit, Q. M. stores lost.....			4.96
Feb. 1	To 2,000 collar ornaments.....@	.09½	152.76	
	(Balance charged to account of May 27, 1908.)			
Mar. 18	To 3 Philippine campaign badges.....@	.45	1.35	
Apr. 10	To excess mileage, U. S. officer inspecting N. H. N. G.....		20.32	
Apr. 12	To G. O. circulars and blank forms.....		19.05	
Apr. 13	To 1 Philippine campaign badge.....@	.45	.45	
May 4	To militia forms.....		.51	
May 17	To 12 stencil outfits, Infantry.....@	2.53	30.36	
	To 1 stencil outfit, N. C. S., Infy.....@	2.87	2.87	
	To 1 stencil outfit, Band, Infy.....@	2.87	2.87	
	To 1 stencil outfit, Cavalry.....@	2.53	2.53	
	To 1 stencil outfit, Artillery.....@	2.53	2.53	
	To 2 stencil outfits, Hospital Corps.....@	2.87	5.74	
	To 4 stencil outfits, C. A. C.....@	2.53	10.12	

May 21	To 48 hand-axes . . . . . @	\$1.15	\$55.20
	To 48 hand-axe carriers . . . . . @	.86	41.28
	To 72 pick mattocks . . . . . @	.33	23.76
	To 72 pick mattock carriers . . . . . @	1.15	82.80
	To 12 rules, 2-ft., 4-fold . . . . . @	.28	3.36
	To 216 shovels . . . . . @	.74	59.84
	To 216 shovel carriers . . . . . @	.94	103.04
	To 36 wire cutters . . . . . @	2.35	284.60
May 28	To 500 percussion primers, saluting, No. 4 . . . . . @	.05	5.00
	To 1 set decapping, cleaning and priming tools . . . . . @	49.00	4.90
	To 100 cartridge cases, not primed @	1.13	113.00
	To 500 felt wads for cartridge cases . . . . . @	22.70m.	11.35
	To 2 gals. Rubberine paint . . . . . @	1.05	2.10
	Charged to appropriation, 1661 R. S., \$100.45. Balance to May 27, 1908.		
1909			
July 1	By apportionment, 1910 . . . . .		\$11,736.71
Aug. 2	To 25 copies Field Service Regula- tions . . . . . @	.31	7.75
	To 5 copies Ordnance Pamphlets, No. 1696 . . . . . @	.90	4.50
	To 5 copies Ordnance Pamphlets, No. 1727 . . . . . @	.20	1.00
	To 5 copies Ordnance Pamphlets, No. 1881 . . . . . @	.12	.60
	To 5 copies Ordnance Pamphlets, No. 1956 . . . . . @	.16	.80
Sept. 21	To amount transferred to the allot- ment for promotion of rifle practice .		3,304.65
	To General Orders and circulars . . . .		15.01
Nov. 12	To 75 copies Coast Artillery Drill Regulations . . . . .	.51	38.25
Nov. 15	To 1,500 copies circulars, No. 8. D. M. A. . . . .		22.50
Nov. 18	To 18 front sight covers, cal. 30, Krag, dropped by authority Secretary of War . . . . .		
	To 5 front sight covers, cal. 30, Krag, dropped by authority Secretary of War . . . . .		
	To 1 brush and thong, dropped by authority Secretary of War . . . . .		
	To 4 waist belts and buckles, dropped by authority Secretary of War . . . . .		5.21
	To 6 oilers, Krag, dropped by author- ity Secretary of War . . . . .		
	To 1 oiler and thong case, dropped by authority Secretary of War . . . . .		
	To 1 drift slide, .06 peep-hole, dropped by authority Secretary of War . . . . .		
	To 2 pairs Leggins, dropped by authority Secretary of War . . . . .		5.84
	To 6 campaign hats, dropped by authority of Secretary of War . . . . .		
Dec. 2	To 500 Manual Guard Duty . . . . . @	.21	105.00
	To 25 Drill Regulations, Cavalry . @	.48	12.00
	To 50 Drill Regulations, Coast Artil- lery . . . . . @	.51	25.50
	To 50 Field Artillery Drill Regula- tions . . . . . @	.48	24.00
	To 25 Signal Corps Drill Regula- tions . . . . . @	.39	9.75

Dec. 2	To 10 front sight covers, dropped by authority Secretary of War.			
	To 2 screw drivers, dropped by authority Secretary of War..			\$0.92
	To 1 cover, breech mechanism, dropped by authority Secretary of War.....			
Dec. 16	To 2 pairs trousers, dropped by authority Secretary of War.....			
	To 5 pairs leggins, dropped by authority of Secretary of War..			13.99
	To 8 campaign hats dropped by authority of Secretary of War..			
1910				
Jan. 3	To 50 Drill Regulations, Hospital Corps, 1908.....@	\$0.51		25.50
Jan. 4	To amount transferred to disbursing officer for camp purposes.....			447.23
Jan. 8	To ordnance work on Battery.....			44.00
Jan. 15	To ordnance work on Battery.....			33.00
Jan. 26	To 150 revolver holsters, cal. 38...@	1.30		195.00
	To 400 revolver lanyards.....@	.32		128.00
	To 144 pairs spurs.....@	.56		80.64
	To 144 pairs spur straps.....@	.30		43.20
Jan. 28	To 150 Small Arms Firing Manuals, Provisional, 1909.....@	.23		34.50
Feb. 16	To 300 blue denim hats.....@	.22		66.00
	To 300 blue denim coats.....@	.75		225.00
	To 300 pairs blue denim trousers...@	.76		228.00
	To 300 overcoats, olive drab.....@	15.26		4,578.00
	To 128 axes.....@	.36		46.08
	To 128 axe helms.....@	.15		19.20
	To 128 hatchets.....@	.20		25.60
	To 128 hatchet helms.....@	.04		5.12
	To 128 pickaxes.....@	.33		42.24
	To 128 pickaxe helms.....@	.10		12.80
	To 128 spades.....@	.56		71.68
	To 28 music pouches, large.....@	2.15		60.20
	To 28 music pouches, small.....@	1.74		48.72
	To 27 field desks, n. p.....@	14.65		395.55
	To 1,750 breast cords.....@	.43		752.50
	To 350 dress caps with bands.....@	1.19		416.50
	To 76 pairs dress chevrons.....@	.17		12.92
	To 300 dress coats.....@	4.98		1,742.00
	To 600 dress trousers, 16-oz.....@	2.18		1,308.00
	To 75 pairs trousers stripes.....@	.22		16.50
	To 1,550 cap ornaments, gilt.....@	.07		108.50
	To 3,100 collar ornaments, gilt.....@	.07		217.00
	To 3,100 collar ornaments, gilt, N. H.....@	.12		372.00
	Charged to appropriations as follows: 1661 R. S., \$2,276.50. May 27, 1908, supplies for 1910, \$8,493.61.			
Mar. 3	To militia blanks.....			.13
Mar. 19	To 10 copies Military Hygiene, Harvard.....@	4.00		40.00
	To ordnance.....@	1.42		1.42
Apr. 7	By overcharge ordnance officer for Battery.....			\$4.27
Apr. 11	To additional charge, ordnance officer for Battery.....			5.30
Apr. 21	To 11 sharpshooter's badges, bronze...@	.41		4.51
	To 22 pistol expert badges, bronze...@	.65		14.30
	To 18 pistol sharpshooter's badges, bronze.....@	.40		7.20
	To 50 marksman's pins (pistol)...@	.18		9.00
	To 15 expert rifleman's badges, bronze.....@	.68		10.20
	To 90 marksman's pins.....@	.18		16.20
May 16	To amount transferred to disbursing officer.....			5.28

May 26	To 50 copies Form No. 1879, price list of small arms, etc.....@	\$0.25	\$7.50	
	To 4 copies Form No. 1889, price list 3-inch field gun, etc.....@	.15	.60	
June 10	To 300 cartridge belts, revolver, model 1903.....@	1.70	510.00	
June 28	To 4,000 Form No. 29, A. G. O.... }			
	To 250 Form No. 332, A. G. O.... }		13.25	
	To 150 Form No. 339, A. G. O.... }			
	To 100 Form No. 342, A. G. O.... }			
July 1	By apportionment, 1911.....			\$11,736.71
July 15	To militia blanks, month of June....		.46	
June 18	To 150 Colt's revolvers.....@	11.60	1,740.00	
	To 3 arms chests, revolver.....@	4.12	12.36	
Aug. 17	To 17 pairs breeches, O. D.....@	3.20	54.40	
	To 1,520 caps, O. D.....@	.76	1,155.20	
	To 137 pairs chevrons, dress, Arty.....@	.19	26.03	
	To 380 pairs chevrons, O. D.....@	.20	76.00	
	To 1,520 coats, service, O. D.....@	5.30	8,056.00	
	To 75 breast cords.....@	.42	31.50	
	To 1,580 cap ornaments, bronze.....@	.07	110.60	
	To 15,200 collar ornaments, buttons, bronze.....@	.53	456.00	
	To 300 collar ornaments, gilt.....@	.09	27.00	
	To 5,000 tent pins, small.....@	.02	100.00	
	To 150 cap ornaments, gilt.....@	.09	13.50	
	To 1,000 collar buttons, bronze.....@	.03	30.00	
	Charged to appropriation: 1661 R. S., \$810.78. May 27, 1908, \$9,325.45.			
Aug. 31	To balance.....		13,397.10	
				\$35,386.88
				\$35,386.88
1910				
Sept. 1	To balance to credit of the State of New Hampshire.....			\$13,397.10

Ordnance and Ordnance Stores and Quartermaster's Stores;  
Property of United States Government Remaining in Charge  
of the Militia of the State of New Hampshire, Sept. 1, 1910.

No.	ARTICLES.
	CLASS II.—MISCELLANEOUS ARTICLES FOR SEACOAST ARTILLERY.
4	Pratt range boards, model 1905.
3	W. H. plotting boards, model 1904.
3	Pairs trestles.
3	Screw drivers, large.
3	Screw drivers, small.
3	Canvas covers.
3	Pin wrenches.
3	Spanner wrenches.
3	Targs.
3	Gun arm center chests.
3	Gun deflection boards, model 1905.
3	Wind component indicators.
3	Time range boards, model 1908.
12	Time interval recorders.
1	Dummy base detonating fuze, medium calibre.
	CLASS IV.—FIELD CANNON, WITH CARRIAGES, LIM- BERS, CAISSONS, ACCESSORIES, ETC.
4	4 3-inch field guns, model 1902, Nos. 163, 164, 165, 166.
1	Breechblock, with mechanism complete.
4	Cocking levers.
8	Cover locking pins.
8	Firing pins and springs.
4	Hinge pin catches.
4	Latch bolts.
8	Latch bolt springs.
20	Oil hole spring covers, with screws and washers.
4	Operating lever pivot keys.
4	Sears.
12	Sear and trigger springs.
4	Taper pins for trigger arms and sleeves.
4	Trigger arm sleeves.
4	Caps.
4	3-inch field carriages, model 1902, Nos. 163, 164, 165, 166.
8	Axle seat cushions.
1	Brake connecting rod spring.
5	Brake levers.
10	Brake shoes.
20	Brake shoe bolts.
3	Counter recoil springs.
1	Cylinder end stud nut.
4	Elevating and traversing lock springs.
4	Elevating crank shaft split pins.
1	Elevating pin.
2	Elevating screw covers.
4	Filling and drain plugs.
4	Firing handle springs.
1	Firing shaft.
2	Handspikes.
4	Handspike bolts.
6	Hub caps.
12	Hub liners.
4	Lock washer holders.
2	Lunettes.
2	Lunette nuts.
1	Piston rod nut.
2	Recoil indicators.
4	Retaining ring hasp split pin and cords.

No.	ARTICLES.
20	Rings, packing, Garlock's.
4	Spade edges.
24	Spade edge rivets.
300	Split pins, assorted.
2	Traversing link pivots.
2	Traversing link pivot nuts.
2	Tube covers.
2	Tube cover hinge pins.
2	Tube cover latches.
8	Tube cover latch springs.
2	Wheels.
12	Wheel fastenings.
24	Wheel fastening hasps.
34	Padlocks and chains.
16	Bolts, nuts, washers, cotters for sight and quadrant brackets.
4	Recoil indicator throws.
8	Recoil indicator throw hinges.
8	Split pins for recoil indicator throws.
28	Bolt snap and rings for padlocks.
4	Lock washer.
2	Pintle latches.
2	Pintle latch springs.
12	Field limbers, model 1902, Nos. 347, 348, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874.
12	Ammunition chest connecting pins.
12	Ammunition chest door lock bolts and springs.
12	Ammunition chest door lock hasps.
12	Ammunition chest shot bolts.
3	Doubletree bolts.
6	Doubletree bolt nuts.
3	Limber props.
6	Neck yokes.
1	Pintle, complete bearing bolts.
4	Pintle springs.
4	Pole bodies.
19	Pole props.
3	Pole ferrules, complete.
10	Pole pads.
6	Singletrees.
3	Doubletrees.
3	Neck yoke pads.
1	Level for adjusting range quadrant.
24	Reinforce pieces for side rails complete R. & L.
20	Reinforce pieces for ammunition chests complete R. & L.
8	3-inch field caissons, model 1902, Nos. 297, 298, 299, 300, 301, 302, 706, 707.
4	Ammunition chest door lock bars 2 r. 2 l.
5	Apron latches.
1	Apron latch string.
2	Caisson props.
4	Caisson prop chains and hooks.
2	Fuze setter latches.
1	Pintle complete.
5	Pintle latches.
10	Pintle latch springs.
4	Pintle springs.
8	Drill cartridges.
5	Padlocks for ammunition chests.
2	Covers for fuze setters.
4	Fuze setter brackets.
1	3-inch field battery wagon, model 1902, No. 40.
4	Spare wheel supports.
8	Spare wheel support fastenings.
1	Box for material.
7	Padlocks and chains.
1	Jackscrew packing.
4	Screw drivers, 10-in. and 5-in. blades.
16	Reinforce pieces for doors for battery and store wagon.
4	Hand fuze setters for 21 sectional combination fuze.
5	Spare wheel hub covers.

No.	ARTICLES.
1	Cleats and screws for holding the mechanism box in battery wagon, model 1902.
1	Chest for spare breech mechanism, model 1902.
1	Grindstone lower packing plate.
1	Floor plate, with screws for holding spare breech mechanism boxes in place.
1	3-inch forge limber, model 1902.
2	Wood linings for horse shoe compartments forge limber chests.
4	Reinforces right and left forge limber chests.
1	Store wagon.
1	Store wagon limber.
16	Bolts, nuts and washers for spare wheel supports.
16	Bolts and nuts for spare wheel fastenings.
8	Thongs for spare wheel fastenings.
8	Screws and washers for spare wheel fastenings.
22	Axes, felling.
8	Axe helves.
4	Breech covers.
1	Coal bag, canvas.
1	Grindstone, with arbor, crank and frame, complete.
4	Handles, hatchet.
14	Hatchets.
1	JackscREW.
15	Lanterns.
8	Lanyards.
37	Oil cans, tubular.
12	Oil cans, 5 gal.
6	Oil can nozzles.
4	Oilers, horizontal.
26	Paulins, 12 x 12 ft.
14	Pickaxes.
8	Pickaxe handles.
15	Picket ropes.
8	Pick mattocks.
16	Pole props.
4	Pouches, leather for spare parts.
5	Range quadrants.
10	Shovels, long handles.
17	Shovels, short handles.
4	Sights, front.
5	Sights, panoramic.
5	Sights, rear, complete.
4	Sight brackets, rear, with shank sockets.
4	Sight bracket covers, rear.
4	Sight shanks, rear.
4	Sight shank covers, rear.
1	Slush brush.
5	Sponges and rammers.
5	Sponge covers.
5	Spring compressors.
4	Tampions.
1	Breech and muzzle bore sights, set.
4	Oil can boxes for horizontal oilers.
4	Tool kits, canvas.
4	Cold chisels, $\frac{3}{4}$ -inch, 8 inches long.
4	Drifts, copper, large.
4	Drifts, copper, small.
4	Files, hand, smooth, 8 -inch.
4	Files, three-square, dead smooth, 6-inch.
4	Hammers, hand.
4	Pliers, wire-cutting.
4	Punches, steel, small.
4	Wrenches, filling and drain plug.
4	Wrenches, range quadrants.
4	Wrenches, spanner.
1	Funnel for 3-inch field battery, model 1902.
42	Watering buckets, canvas.
2	Watering buckets, galvanized iron.
4	Wire, copper, 3-lb. spools.

No.	ARTICLES.
6	Wrenches, nut, caisson.
4	Wrenches, screw slot.
8	Wrenches, spanner, caisson.
2	Wrenches, 0".625 & 0".75.
6	Lantern globes.
6	Lantern burners.
16	Lantern wicks.
17	Lantern pads, model 1902.
1	Anvil.
2	Aprons, leather.
2	Bags, canvas, for small stores.
1	Box, shoeing, leather.
1	Chisel, cold.
1	Chisel, hot iron, handled.
1	Chisel, cold iron, handled.
6	Drills.
1	Drill ratchet.
1	Files, flat bastard, 12-inch.
1	File handles, iron.
1	Flatters, handled.
1	Forges, Empire.
1	Hammers, hand.
1	Hammers, riveting.
1	Hammers, shoeing.
1	Hammers, sledge.
1	Hardies.
1	Irons, clinching.
2	Knives, shoeing.
1	Knives, toe,
1	Oilers.
1	Pincers, shoeing.
1	Pritchets.
1	Punches, fore.
1	Punches, nail.
2	Punches, round.
1	Punches, square.
1	Rakes, fire.
1	Rasps, shoeing, 16-inch.
1	Rules, 2-foot, 4-foot.
1	Screw plates, combination dies and taps.
1	Shovels, fire.
1	Tongs, 12-inch.
1	Tongs for 1/4-inch iron.
1	Tongs for 1/2-inch iron.
5	Tools, riveting, sets.
1	Vises, forge.
1	Wrenches, screw, 12-inch.
1	Steel square.
1	Crow bar.
1	Crow bar attachment.
1	Axes, hand.
2	Bags, canvas, for small stores.
1	Bevels.
6	Bits, auger.
1	Bits, countersink.
1	Bits, expansion.
3	Bits, screw driver.
1	Braces, ratchet.
1	Chisels, cold.
3	Chisels, framing.
1	Compasses, 10-inch.
4	Drills for brace.
1	Files, flat bastard, 10-inch.
6	Files, saw.
1	Gauges.
2	Gouges, framing.
1	Hammers, claw.
1	Handles, awl, containing 10 tools.
2	Handles, file.
1	Knives, drawing.

No.	ARTICLES.
1	Mallets.
1	Oilers.
1	Oilstone.
1	Pincers.
1	Planes, jack.
1	Planes, smoothing.
1	Plates, auger handle.
1	Rasps, wood, 10-inch.
1	Reamers.
1	Rules, 2-foot, 4-fold.
1	Saws, crosscut, 24-inch.
1	Saws, rip, 24-inch.
1	Screw drivers, 10-inch.
1	Sets, nail.
1	Sets, saw.
1	Spokeshaves.
1	Squares, steel.
1	Tapelines, 190 feet.
1	Vises, table.
1	Wrenches, screw, 12-inch.
1	Awls, peg.
27	Awls, stitching.
1	Awls, stub.
2	Bags, canvas for small stores.
1	Claw tools.
1	Compasses, 6-inch.
1	Creasers.
2	Edge tools.
1	Gauges, draw.
2	Hammers, riveting.
8	Handles, awl.
1	Knives, round.
2	Knives, shoe.
1	Knives, splitting.
3	Needles, glover's, papers.
14	Needles, harness, papers.
1	Needles, sacking, papers.
1	Needle cases.
1	Nippers, cutting.
1	Oilstones.
1	Palms, sewing.
1	Pliers.
1	Pricking carriages.
1	Punches, driving.
3	Punches, hand.
1	Punches, revolving, 4 tubes.
1	Rules, 2-foot, 4-fold.
1	Screw driver, 3-inch.
1	Sets, rivet.
1	Shears.
1	Slickers.
5	Thimbles.
2	Needles, harness.
15	Artillery harness for 2 wheel horses, complete, sets.
29	Artillery harness for 2 lead horses, complete, sets.
44	Harness sacks.
2	Sub-calibre cartridge outfits, complete.
4	Filling plugs (piston rod).
1	Firing handle for carriage.
2	Filling funnels for cylinders.
4	Funnels for 3-inch field battery.
1	Forge limber chest.
1	Chest for store wagon.
112	Rope strap fasteners for limbers.
56	Limber blanket straps.
56	Picket rope straps, lower, for limber.
1	Cyclometer for 3-inch field gun battery.
2	Brake shoes for caisson.
4	Brake shoe bolts for caisson.
2	Connecting rod springs.

No.	ARTICLES.
1	Chest for spare sights.
8	Breech covers.
8	Cushions, axle seat.
1	Front sights, complete.
4	Range rings for hand fuze setters.
6	Range rings for bracket fuze setters.
2	Movable targets.
2	Movable target sleds.
8	Uprights, pipe.
5	Fixed appearing targets.
5	Bases, pipe.
15	Uprights, pipe.
5	Levers, pipe.
5	Eyebolts for lever.
10	Split pins.
20	Bent pins.
10	Stakes, wood.
10	Covers for kneeling silhouettes "A."
10	Covers for standing silhouettes "B."
10	Covers for mounted silhouettes, movable targets.
10	Covers for gun and caisson silhouettes "B."
200	Paper silhouettes "D."
200	Paper silhouettes "H."
50	Paper silhouettes "N."
50	Paper silhouettes "N1."
50	Paper silhouettes "O."
50	Paper silhouettes "P."
5	Boxes pasters, artillery.
6	Brushes, paste.
300	Sash cord, ¼-inch, yards.
45	Metal pulleys, ¾-inch.
1,500	Wire rope, ¼-inch, feet.
1,500	Wire rope, ½-inch, feet.
1	Snatch block for ½-inch wire rope.
1	Breech and muzzle bore sight.
2	Lunettes for caisson.
4	Lunette nuts for caisson.
4	Wrenches, caisson.
4	Spare wheel supports.
8	Spare wheel fastenings.
16	Bolts, nuts and washers for spare wheel supports.
8	Thongs for spare wheel fastenings.
8	Screws and washers for spare wheel fastenings.
16	Bolts and nuts for spare wheel fastenings.
32	Leather dust guards for wheel fastenings.
3	Corner irons, right, with nuts and washers.
3	Corner irons, left, with nuts and washers.
4	End tie rods, with 2 nuts and 2 washers each.
48	Carriage bolts, ¼ x 1½ long with nuts.
24	Carriage bolts, ¼ x 2¼ long with nuts.
12	Drill cartridges.
2	Outfits, sub-calibre cartridges.
10	Lead rein rollers and straps.
48	Spring hooks for artillery whips.
6	Breast strap hooks.
6	Side strap hooks.
6	Pliers 10-75."
1	Chest for miscellaneous spare parts.
2	Buckets, galvanized iron.
42	Buckets, watering, canvas.
	CLASS V.—RANGE FINDERS AND OTHER ARTICLES FOR THE FIRE-CONTROL OF MOBILE ARTILLERY.
2	Time interval recorders.
3	Battery commander's rules.
2	Range finders—Welden.
2	Tape steel, 100 feet.
2	Tape steel, 60 feet.
1	Fuze base percussion sectional.

No.	ARTICLES.
2	Chains for time interval recorders.
12	Extra strings for battery commander's rule.
2	Storage chest.
1	Battery commander's telescope, complete.
2	Case holders.
2	Case holders' stands.
2	Cleaning brushes.
2	Decapping tools.
2	Hammers, bronze.
2	Powder measures.
2	Primer inserting presses.
2	Bushings for primer inserting press.
6	Fuze setters.
6	Covers for fuze setter brackets.
1	Empty shrapnel, sectional.
CLASS VI.—MISCELLANEOUS COMPONENTS USED IN AMMUNITION FOR MOBILE ARTILLERY.	
1	Combination fuze, 21-inch, sectional.
100	Fixed shrapnel.
100	Cartridge cases, not primed.
2,500	Felt wads.
CLASS VII.—SMALL AND HAND ARMS OF ALL KINDS, IN- CLUDING THEIR SPARE PARTS AND APPENDAGES.	
40	U. S. gallery practice rifles, calibre 22, model 1903.
40	Barracks cleaning rods.
398	Holdes.
40	Ramrods.
1,760	U. S. magazine rifles, calibre 30, model 1903, chambered for 1906 ammunition.
1,755	Front sight covers.
352	Screw drivers.
1,759	Oilers and thong cases.
1,759	Brushes and thongs.
352	Drift slides with pins, ".04 peep hole.
352	Drift slides with pins, ".06 peep hole.
100	Strikers.
332	Barrack cleaning rods.
10	U. S. magazine rifles, cal. 30, model 1898 (model 1901 sights).
151	Barrack cleaning rods, rifle.
391	Front sight and muzzle covers.
180	Screw drivers.
168	Small arm oilers.
107	Covers breech mechanism.
427	Colt's revolvers, calibre 38, model 1901.
264	Screw drivers.
1,690	Bayonets, calibre 30, model 1905.
27	Hospital Corps knives.
27	Scabbards for hospital corps knives.
39	Bayonet scabbards, calibre 45.
1,690	Bayonet scabbards, calibre 30, model 1905.
50	Cut-offs.
100	Rear sight slides.
100	Rear sight slides binding screws.
100	Rear sight slides cap screws.
100	Rear sight slides cap pins.
37	Front sight pins.
40	Rear sights.
37	Front sights.
40	Mainsprings.
7	Colt's revolvers, calibre 38, model 1903.
20	Bolos.
20	Bolo sheaths.
214	Bayonet scabbards, calibre 30, model 1899.

No.	ARTICLES.
CLASS VIII.—SMALL ARMS AMMUNITION OF ALL KINDS, INCLUDING COMPONENT PARTS.	
159,200 175 34,000 82,650	Ball cartridges, calibre 30, model 1906. Blank cartridges, calibre 30. Gallery practice cartridges, calibre 22. Revolver ball cartridges, calibre 38.
CLASS IX.—EQUIPMENTS FOR THE SOLDIER, HORSE EQUIPMENTS AND THEIR COMPONENTS.	
2,128 2,178 2,799 1,456 1,756 120 2,120 2,116 1,760 2,102 2,116 2,118 279 2,112 1,809 120 1,400 400 228 208 30 300 150 30 150 28 36 30 20 50 20 40 40 15 30 10 40 20 12 67 120 52 75 75 75 89 120 57 1,155 752 6 376 64 3 99 100 64 70 6	Canteens. Canteen haversack straps. Canteen straps, web. Cartridge belts, woven, calibre 30, infantry, model 1903. Cartridge belt suspenders. Cartridge boxes, revolver, calibre 38, russet. Cups, tin. Forks. Gun slings, model 1907, for model 1903 rifle. Haversacks, complete. Knives. Meat cans, tin. Revolver holsters, calibre 38, russet. Spoons. Waist belts, russet, with buckles. Cartridge belts, revolver, calibre 38, model 1903. Blanket roll straps. Revolver lanvards. Haversack D-rings. Pieces of webbing for attaching D-rings to haversacks. Canteen strap snap hooks. Cartridge belts, woven, with loops, Cavalry revolver. Cartridge boxes, revolver. Revolver lanvard snaps. Cartridge belts, revolver, model 1903, without sabre rings. Waist belts, Infantry, Band. Bridle snaps, watering. Brow band ornaments. Halter bolts. Halter squares. Halter swivel rings. Foot staples, high. Foot staples, low. Saddlebag ovals. Saddle ovals. Saddle shields. Foot staples, semi-circular. Saddle nails. Saddlebag studs. Saddles, complete, black leather. Artillery knapsacks. Sabre belts, Light Artillery. Bridle headstalls, black leather. Bridle reins, black leather. Curb straps, black leather. Saddle blankets, Cavalry. Fasteners for revolver cartridge belts. Officers' belts and plates. Cartridge belt fasteners, calibre 30. Haversack hooks. Rifle cartridge belts, calibre 30, model 1903. Fasteners for cartridge belts. Carbine scabbards and straps. Carbine boots. Waist belts with plates, black, Cavalry. Sabre attachments. Cartridge belts, woven, with loops, Cavalry. Rifle scabbards, model 1903, rifle. Rifle cartridge belts, calibre 30, model 1903.

No.	ARTICLES.
120	Artillery knapsacks.
52	Sabre belts, Light Artillery.
59	Sabre belt plates, Light Artillery.
104	Bridles, watering, complete.
20	Bridles, headstalls, complete.
20	Bridle reins.
13	Cinchas, hair.
20	Curb bits, model 1892.
20	Curb chains with hooks.
75	Curb straps.
52	Curry combs.
104	Halter headstalls.
104	Halter straps.
52	Horse brushes.
104	Horse covers.
20	Links.
104	Nose bags, khaki model.
20	Saddles, complete.
30	Saddles, bags, pairs.
176	Saddle blankets, Artillery, red.
1	Stirrups, hooded, with guidon socket.
104	Surcingles, Artillery.
400	Spurs.
400	Spur straps.
89	Saddle blankets, Cavalry.
67	Saddles, complete, black leather.
75	Bridle headstalls, black leather.
75	Bridle reins, black leather.
75	Curb straps, black leather.
<b>CLASS X.—MISCELLANEOUS ARTICLES FOR THE USE OF TROOPS, BATTERIES AND COMPANIES.</b>	
16	Arm chests, model 1898, rifle, calibre 30.
176	Arm chests, model 1903, calibre 30.
5	Arm chests, revolver, calibre 38.
4	Arm chests for gallery practice, rifle, calibre 22.
2	Arms rack, revolver, calibre 38.
1	Marking outfit, complete.
23	Stencil outfit, complete.
257	Silhouettes, paper, D, model 1903.
252	Silhouettes, paper, E, model 1903.
50	Steel target frames, D.
50	Steel target frames, E.
252	Targets, paper, A1.
838	Targets, paper, A, model 1903.
396	Targets, paper, B, model 1903.
311	Targets, paper, C, model 1903.
200	Targets, paper, F, model 1903.
250	Targets, paper, K, model 1903.
1	Box cleaning materials, complete.
6	Boxes russet leather dressing.
8	Cans cosmic, No. 80, soft, quarts.
5	Borax, lbs.
500	Targets, paper, "D."
4	Boxes scouring materials.
4	Boxes whiting.
2	Cans linseed oil.
16	Arm chests, model 1898 rifle.
176	Arm chests, model 1903 rifle.
4	Arm chests, model 1903 gallery rifle.
5	Arm chests, revolver, calibre 38.
2	Arm racks, revolver, calibre 38.
48	Hand axes.
48	Hand-axe carriers.
72	Pick mattocks.
72	Pick mattocks carriers.
12	Rules, boxwood, 2-foot, 4-fold.
216	Shovels.
216	Shovel carriers.

No.	ARTICLES.
36	Wire cutters, 10-inch.
1	Stamping outfit for identification tags.
2	Boxes for stencil paste.
1	Ordnance department, insignia.
1	Seal stamp.
1	Hoof and cutting nippers.
2	Blades, with followers, for draw gauge, extra.
6	Peg-awl handles.
8	Button brushes.
8	Button sticks.
8	Chamois skins.
2	Cleaning plates.
4	Wire scratch brushes.
60	Cotton waste.
8	Crocus cloth.
50	Lbs. lye, concentrated.
30	Proports soap, lbs.
10	Crown soap, qts.
120	H. H. soap, cakes.
50	Webbing, linen, yards.
3	Brown wax.
30	Buckles, brass bar, $\frac{5}{8}$ -inch.
20	Buckles, brass bar, $\frac{3}{4}$ -inch.
6	Buckles, brass bar, $\frac{3}{4}$ -inch, Saalbach.
12	Buckles, brass bar, $\frac{7}{8}$ -inch.
24	Buckles, brass wire, $\frac{3}{4}$ -inch.
24	Buckles, iron bar, $1\frac{1}{2}$ -inch.
24	Buckles, iron bar, $1\frac{1}{4}$ -inch, tongueless.
24	Buckles, iron bar, $1\frac{3}{8}$ -inch.
12	End hooks, brass wire.
10	Nails, lbs.
30	Rings, brass wire D, $\frac{3}{4}$ -inch and clasp 2 holes.
24	Rings, iron, $1\frac{1}{4}$ -inch.
12	Rings, iron, $1\frac{5}{8}$ -inch.
12	Rings, iron, $1\frac{3}{4}$ -inch.
20	Rings, iron, 4-inch.
2	Rivets and burrs, $\frac{1}{2}$ -inch, No. 10, pounds.
30	Tubular rivets and caps, 5-16-inch.
60	Rivets and burrs, brass, 1-inch, No. 8, pounds.
1	Screws, brass, 1-inch, No. 6, gross.
1	Screw pins, brass, $\frac{3}{4}$ -inch, gross.
12	Snaps, covert, 1-inch.
96	Brass screws, $\frac{5}{8}$ -inch, No. 6.
6	Snap hooks, bronze, $\frac{7}{8}$ -inch.
60	Brass ovals.
2	Tacks, copper, 20-oz., papers.
30	Brass saddle-bag studs.
120	Brass screw pins, $\frac{3}{4}$ -inch, No. 12.
1	Rawhide, sides.
20	Skins, sheep, wool on.
234	Coat straps, 60-inch.
30	Leather stops for coat straps.
15	Lubricating oil, gallons.
110	Lavaline, ounces.
10	Cylinder oil, gallons.
8	Linseed oil, gallons.
10	Slushing oil, light, gallons.
10	Sperm oil, gallons.
20	Synovial oil, gallons.
4	Japan drier, quarts.
4	Paint, brown, for steel horse collars, pounds.
150	Paint, olive drab, second coat, pounds.
150	Paint, olive drab, third coat, pounds.
7	Paint, Rubberine, gallons.
4	Primer, brown enamel, quarts.
11	Vaseline, ounces.
4	Brushes, varnish, oval 4-0.
4	Brushes, varnish, oval 5-0.
4	Brushes, varnish, oval 6-0.
6	Brushes, sash, No. 3.

No.	ARTICLES.
6	Brushes, sash, No. 5.
2	Brushes, camel's hair, 1-in., round.
3	Photo-lithographs, 6-inch D. C., L. F., model 1903, drawings 2, 3 and 4.
3	Blue prints, 8-inch D. C., L. F., model 1894, drawings 1, 2 and 3.
3	Blue prints, general method of controlling the energy of recoil in gun carriages, drawings, 15-01.
6	Blue prints, 12-inch D. C., L. F., model 1897, drawings 1, 3 and 69.
6	Emery cloth, quires.
6	Putz pomade, lbs.
14	Rotten stone, lbs.
100	Sal soda, lbs.
12	Sandpaper, quires.
96	Soap, castile, lbs.
15	Sponges, lbs.
25	Tripoli, papers.
2	Thread, carpet, lbs.
8	Thread, shoe, lbs.
10	Sash cord, pieces.
2	Hemp cord, lbs.
3	Thimbles.
30	Buckles, iron, roller, $\frac{5}{8}$ -inch, Japanned.
18	Buckles, iron, roller, $\frac{3}{4}$ -inch, Japanned.
44	Buckles, iron, roller, $\frac{7}{8}$ -inch, Japanned.
30	Buckles, iron, roller, 1-inch, Japanned.
28	Buckles, iron, roller, $1\frac{1}{4}$ -inch, Japanned.
30	Buckles, iron, roller, $1\frac{1}{2}$ -inch, Japanned.
11	Rivets and burrs, brass, lbs.
1	Screws, iron, gross.
4	Tacks, copper, papers, 12-oz.
3	Tacks, iron, papers.
10	Nails, lbs.
1	Beeswax, lbs.
6	Leather, bridle, russet, sides.
6	Leather, collar, russet, sides.
190	Leather, harness, russet, lbs.
3	Whitewax, lbs.
8	Kerosene oil, gallons.
40	Neatsfoot oil, gallons.
$2\frac{1}{4}$	Sperm oil, pints.
8	Turpentine, gallons.
5	Cylinder oil, gallons.

## QUARTERMASTER'S STORES.

2,000	Blankets, woolen.
1,602	Dress caps, Infantry.
430	Dress caps, Artillery.
80	Dress caps, Cavalry.
2,446	Cap ornaments, Infantry, bronze.
209	Cap ornaments, Cavalry, gilt.
244	Cap ornaments, Artillery, gilt.
19	Chevrons, pairs, co. q. m. s., Infantry.
1,394	Dress coats, Infantry.
1,312	Trousers.
20	Forage caps.
826	Campaign hats.
632	Blouses.
21	Chevrons, pairs, sergeant, Infantry.
$37\frac{1}{2}$	Leggins, pairs.
1,300	Overcoats.
10	Chevrons, pairs, corporal, Infantry.
825	Chevrons, pairs, service peace, Infantry.
37	Trumpets.
430	Dress coats, Artillery.
100	Dress coats, Cavalry.
1,395	Service hats.
600	Hat letters.
600	Hat numbers.

No.	ARTICLES.
1,997	Ponchos.
210	Trousers stripes, sergeant.
25	Breast cords, Signal Corps.
50	Breast cords, Hospital Corps.
100	Breast cords, Cavalry.
450	Breast cords, Artillery.
1,200	Breast cords, Infantry.
535	Trousers, stripes, corporal.
24	Music pouches.
94	Trumpet cords and tassels.
1,000	Shelter tent halves.
1,000	Shelter tent poles.
5,000	Shelter tent pins.
5	Chevrons, pairs, 1st sergeant, Cavalry.
5	Chevrons, pairs, q. m. sergeant, Cavalry.
10	Chevrons, pairs, sergeant, Cavalry.
62	Chevrons, pairs, service peace, Cavalry.
38	Chevrons, pairs, 1st sergeant, Artillery, and q. m. sergeants.
5	Chevrons, pairs, stable sergeant, Artillery.
51	Chevrons, pairs, sergeant, Artillery.
84	Chevrons, pairs, corporal, Artillery.
113	Chevrons, pairs, service peace, Artillery.
1,796	Breeches, pairs, khaki.
1,798	Coats, khaki.
1,800	Leggins, puttee, pairs.
1,514	Hat cords, Infantry.
100	Hat cords, Cavalry.
100	Hat cords, Artillery.
800	Cap ornaments, bronze.
1,600	Collar ornaments and letters, bronze.
74	Chevrons, pairs, khaki, 1st sergeant Infantry, n. c. s., and q. m. sergeants.
114	Chevrons, pairs, khaki, sergeant, Infantry.
178	Chevrons, pairs, khaki, corporal, Infantry.
56	Chevrons, pairs, khaki, cook, Infantry.
74	Chevrons, pairs, khaki, n. c. s., color, 1st sergeant and q. m. sergeant, Infantry.
5,247	Collar ornaments, bronze, N. H.
3,100	Collar ornaments, gilt, N. H.
61	Chevrons, n. c. s., 1st sergeants and q. m. sergeants, Infantry, O. D.
100	Chevrons, sergeant, Infantry, O. D.
150	Chevrons, corporal, Infantry, O. D.
40	Chevrons, cook, Infantry, O. D.
3	Chevrons, saddler and farrier, O. D.
1	Chevrons, chief mechanic, O. D.
1	Chevrons, stable sergeant, O. D.
12	Chevrons, mechanic, O. D.
4	Chevrons, electrician sergeant, second class.
4	Chevrons, engineer, O. D.
4	Chevrons, firemen, O. D.
50	Cap ornaments, bronze, Signal Corps.
100	Cap ornaments, bronze, Hospital Corps.
300	Cap ornaments, bronze, Coast Artillery Corps.
50	Cap ornaments, gilt, Signal Corps.
100	Cap ornaments, gilt, Hospital Corps.
300	Cap ornaments, gilt, Coast Artillery Corps.
100	Collar ornaments, bronze, buttons, Signal Corps.
200	Collar ornaments, bronze, buttons, Hospital Corps.
500	Collar ornaments, bronze, buttons, Coast Artillery Corps.
100	Collar ornaments, gilt, Signal Corps.
200	Collar ornaments, gilt, Hospital Corps.
283	Collar ornaments, gilt, 1st Field Artillery.
200	Collar ornaments, gilt, Cavalry.
2,000	Collar ornaments, gilt, Infantry.
600	Collar ornaments, gilt, Coast Artillery Corps.
1,700	Hat ornaments.
1,520	Caps, service, O. D.
20	Caps, dress, Hospital Corps.
1,799	Caps, service, khaki.

No.	ARTICLES.
1,283	Cap ornaments, gilt, Infantry.
200	Cap ornaments, bronze, Cavalry.
275	Cap ornaments, bronze, Artillery.
1,520	Coats, service, O. D.
300	Coats, denim, blue.
20	Coats, dress, Hospital Corps.
300	Hats, denim, blue.
300	Pairs trousers, denim, blue.
1,520	Breeches, foot, O. D.
128	Axes.
128	Axe helves.
1,419	Cots.
320	Stools, camp.
27	Field desks.
12	Ambulance guidons.
128	Hatchets.
128	Hatchet helves.
28	Music pouches, large, O. D.
28	Music pouches, small, O. D.
128	Pickaxes.
128	Pickaxe helves.
128	Spades.
65	Conical wall tent straps.
164	Conical wall tents.
65	Conical wall tents.
165	Conical wall tent poles.
165	Conical wall tent tripods.
2	Hospital tents.
2	Hospital tent flies.
2	Hospital tent poles, ridges.
2	Hospital tent poles, uprights.
1,997	Shelter tent halves.
1,998	Shelter tent poles.
12,976	Tent pins, small.
36	Tent pins, large.
9,950	Shelter tent pins.

FIELD MEDICAL PROPERTY OF U. S. GOVERNMENT REMAINING IN CHARGE OF THE STATE OF NEW HAMPSHIRE, SEPTEMBER 1, 1910.

No.	ARTICLES.
20	Hand book of the Hospital Corps, Mason.
1,472	First aid packets.
27	Pouches, Hospital Corps.
10	Pouches, orderly, old pattern.
4	Chests, detailed service.
4	Cases, emergency.

SIGNAL CORPS PROPERTY OF THE U. S. GOVERNMENT REMAINING IN CHARGE OF THE STATE OF NEW HAMPSHIRE, SEPTEMBER 1, 1910.

No.	ARTICLES.
4	Telephones, Am. Electric.
25	Insulators, glass, pony.
150	Knobs, porcelain with screws.
25	Brackets, insulator.
1	Braces and bits, sets.







GENERAL OFFICERS AND GENERAL STAFF OFFICERS, PRESENT AND ABSENT.

DIVISIONS, BRIGADES, SEPARATE REGIMENTS, BATTALIONS, AND OTHER ORGANIZATIONS, AND COMPOSITION OF EACH.

No.	Name.	Rank.	Corps or Department.	Address.	Remarks.
1	Harry R. Cilley	Major General	The Adjutant-General and Chief of Staff	Concord	Governor's Staff
2	Elmer S. Tilton	Colonel	Aide-de-Camp	Laconia	
3	Isaac Van Horn	Colonel	Aide-de-Camp	Holderness	
4	George B. Leighton	Colonel	Aide-de-Camp	Dublin	
5	W. Robinson Brown	Colonel	Aide-de-Camp	Berlin	
6	Reginald C. Stevenson	Colonel	Aide-de-Camp	Exeter	
7	Richard C. Goodell	Colonel	Aide-de-Camp	Antrim	
8	Arthur J. Pierre	Colonel	Aide-de-Camp	Bennington	
9	Charles C. Guss	Colonel	Aide-de-Camp	Dover	
1	Harry R. Cilley	Major General	Adj. Gen. Dept.	Concord	
2	Charles W. Howard	Major	Adj. Gen. Dept.	Nashua	
3	William Sullivan	Brigadier General	Insp. Gen. Dept.	Manchester	
4	Charles J. Hamblett	Brigadier General	J. A. Gen. Dept.	Nashua	
5	Eugene W. Leach	Major	J. A. Gen. Dept.	Concord	
6	Alfred R. Evans	Brigadier General	Q. M. Dept.	Gorham	
7	E. Ray Shaw	Major	Q. M. Dept.	Nashua	
8	Frank A. Hardy	Brigadier General	Subsistence Dept.	Derry	
9	Ross L. Piper	Major	Subsistence Dept.	Laconia	
10	George M. Kimball	Brigadier General	Medical Dept.	Concord	
11	Norman B. Webster	Major	Medical Dept.	Manchester	
12	Russell Wilkins	Captain	Medical Dept.	Concord	
13	August Guertin	Captain	Medical Dept.	Nashua	
14	Bertiel L. Talbot	1st Lieutenant	Medical Dept.	Peterborough	
15	David W. Parker	1st Lieutenant	Medical Dept.	Manchester	
16	George V. Flske	1st Lieutenant	Medical Dept.	Manchester	
17	Winfred D. Davis	Captain	Pay Dept.	Manchester	
18	Arthur F. Cummings	Major	Ordnance Dept.	Nashua	
19	Michael H. Deegan	Captain	Ordnance Dept.	Nashua	

Organization.	Composition.
General Staff Corps	The Adjutant-General's Department. The Inspector-General's Department. The Judge Advocate General's Department. The Quartermaster's Department. The Subsistence Department. The Medical Department and Hospital Corps. The Pay Department. The Ordnance Department. The Signal Corps.
First Regiment	Twelve Companies of Infantry and Band.
Troop A, Cavalry	
Battery A, 1st Field Artillery	
Coast Artillery Corps	Four Companies.



.....	.....	25	300	20	166	.....	.....
.....	.....	150	150	.....	.....	15	40
.....	.....	175	450	20	166	15	40
.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	25	300	.....	.....	.....	.....
.....	.....	25	300	.....	.....	.....	.....
.....	.....	150	150	20	166	15	40

Hampshire,  
 Commander-in-Chief.

No.	ARTICLES.
1	Pulley and tackle with rope 150 feet.
2	Climbers and straps, pairs.
1	Axe with handle.
8	Columbia dry batteries.
2	Belts for linemen.
1	Tape, insulating.
3	Screw drivers, 10-inch.
3	Pliers, 8-inch.
2 1/2	Miles twisted pair lined wire.
2	Shovels, long handles.
2	Kits, flag 2-foot.
2	Lanterns, field, colt, acetylene, No. 805, No. 810.
2	Spectacles, smoked, in cases.
10	Pencils, lead.
2	Telephones, field, No. 1,483, No. 1,443.
4	Cells, dry, No. 6, reserve.
1	Reel, hand, No. 66.
2	Rods, ground, 27" x 3/4" x 1/2".
1	Reel, breast, No. 236.
2	Glasses, field, day and night, No. 3,195, No. 3,242, with case, strap and sling.
2	Heliographs, complete, with tripods and shutters, No. 183, No. 215.
50	Carbide, charges.
2	Discs, cipher, celluloid.
20	Cells, dry, 4-0, reserve.
1	Handle, payout, No. 541.
1	Holder for telescope.
1	Telescope (Spencer-Lens Co.), No. 642, powers 12 and 27.
2	Buzzers, field, model 1908, No. 1,044, No. 1,063.

SUBSISTENCE DEPARTMENT PROPERTY OF THE U. S. GOVERNMENT REMAINING IN CHARGE OF THE STATE OF NEW HAMPSHIRE, SEPTEMBER 1, 1910.

No.	ARTICLES.
27	Ranges, field, No. 1.
108	Boilers.
27	Choppers, meat.
27	Cleavers.
27	Dippers.
27	Forks, large.
27	Knives, butcher.
27	Ladles, plain.
27	Ladles, pierced.
54	Pans, bake.
54	Pipe, smoke, elbows.
108	Pipe, smoke, joints.
27	Saws, meat.
27	Shovels, fire.
27	Sieves, flour.
27	Skimmers.
27	Spoons, large.
27	Steels, butcher.
27	Turners, cake.
27	Cleaners, pot, wire.
27	Dredges, flour.
27	Dredges, pepper.
27	Salt.
27	Guards, tent.
11	Grates, extra.
11	Limings, extra, sets.
32	Lanterns, folding.

Permit me in closing to express to Your Excellency and your Honorable Council my thorough and deep sense of gratitude for the many and universal acts of kindness and courtesy that you have honored me with during the two years that I have had the honor to act as your Adjutant-General and Chief of Staff, and to assure you that the memory thereof will remain a treasured life experience.

Very respectfully,

HARRY B. CILLEY,  
*The Adjutant-General,*  
*Chief of Staff.*

INSPECTOR-GENERAL'S  
DEPARTMENT REPORTS.

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APPENDIX A.



# INSPECTOR-GENERAL'S REPORTS.

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STATE OF NEW HAMPSHIRE,

INSPECTOR-GENERAL'S OFFICE,

MANCHESTER, September 18, 1908.

*The Adjutant-General, State of New Hampshire, Concord:*

SIR,—I have the honor to report that in compliance with G. O. No. 18, A. G. O., c. s., the Regimental Company Team, State Company Team, Regimental Team and the National Association Individual rifle competitions and the Battery-Cavalry revolver competition were held at the range of the Manchester Battalion Rifle Range Association at Massabesic, September 15, 16 and 17, 1908. Exceptionally good weather conditions prevailed the first two days, with a clear sky, good light, comfortable temperature and light wind. On the third day, a fitful wind and hazy atmosphere made the work of the riflemen more difficult, particularly on the one thousand yards range.

The different stages of the matches were conducted without friction, protest or accident and the work performed showed a distinct improvement in this important branch of the training of the New Hampshire National Guard. Both officers and men, when on the range, displayed a most commendable spirit and zeal in the performance of their duty. This applies not only to the contestants but to the officers and men who were designated to conduct the competitions.

I have the following criticisms to offer:

Many of the teams disregarded the orders as to the time for reporting. On the morning of September 15, only two

teams were on the range ready to report at 8 o'clock, the hour designated in general orders. With due allowance for train accommodations, at least seven teams should have been present at that hour. The teams reporting on time were Company H, Second Infantry, and Company A, First Infantry.

During the succeeding days, a number of the company teams were not present for duty at the hour assigned for work to begin in the morning. Tardiness was also noted on the part of many of the officers who were ordered to be present on detail to conduct the competitions, a number of these officers reporting at will and offering no excuse for not being present when ordered.

Under such circumstances, it is difficult to execute orders in a faithful and efficient manner. I would recommend that hereafter officers detailed for this duty shall be present for duty at the appointed time and that only such officers as can conveniently attend shall be detailed for such duty.

I would also recommend that hereafter the Battery-Cavalry revolver match be held the second day of the competitions as the contestants could then have the unlimited use of the revolver range without danger to other contestants. On the third day, the skirmish field and one thousand yards range, which are in close proximity to the revolver range are in use at the time the revolver competition is held. Many of the company teams reported at the range without cartridge belts. These men were not properly equipped for duty.

The service in the pits and at the firing points was most satisfactory. Detailed reports of the competitions will be rendered by Major A. F. Cummings, Chief Ordnance Officer.

Very respectfully,

WILLIAM SULLIVAN,

*Inspector-General, N. H. N. G.,*

*Executive Officer.*

## STATE OF NEW HAMPSHIRE,

## INSPECTOR-GENERAL'S OFFICE,

MANCHESTER, April 10, 1909.

*The Adjutant-General, Concord:*

SIR,—I have the honor to report that what threatened to be a most serious and disastrous fire broke out in the southern section of this city at 10.45 o'clock A. M., April 8, 1909. The fire spread rapidly over a wide territory and at 12 o'clock noon Mayor Eugene Reed requested the services of the National Guard for the purpose of guarding the property of the fire sufferers, and to render such other assistance as might be required of them in conjunction with the police and fire departments of the city. The mayor informed me that he could find no one able to sound the military call on the fire alarm, but that he would have this call sounded as soon as possible. I immediately repaired to the scene of the fire and notified all men I could find in the vicinity, and in thirty minutes there were about sixty uniformed men on duty at the fire; one hour later the mayor succeeded in sounding the military call on the fire-alarm bells. This brought an immediate and general response from all the Military Organizations except the Band. The following is the strength of the organization that reported for duty: Field Staff, 12 officers, 3 men; Hospital Corps, 13 men; Co. A, 2 officers, 32 men; Co. B, 3 officers, 37 men; Co. C, 2 officers, 41 men; Co. F, 3 officers, 51 men; Co. K, 3 officers, 35 men; Co. L, 2 officers, 24 men; Battery, 4 officers, 88 men.

In explanation of my conduct in not first obtaining permission from your office for this tour of duty, I would say that as the fire was raging fiercely at the time, and the assistance asked for to be effective must be immediate, I did not think it advisable to delay for the formality of permis-

sion. The service was to be voluntary on the part of officers and men. I retained general supervision over the work done by the National Guard. There were no officers with the first detachment to arrive except myself. Officers as they reported were assigned to command by seniority. The service rendered by both officers and men was valuable, timely and efficient, and was thoroughly appreciated by the mayor, police and fire departments and the citizens generally, but by the stricken ones in particular.

It was a most thorough demonstration of the usefulness of the National Guard as a reserve for such emergencies. All officers and men were dismissed from duty at 7 o'clock P. M. that date (April 8).

Very respectfully,

WILLIAM SULLIVAN,  
*The Inspector-General.*

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CONCORD, N. H., July 7, 1909.

*To the Inspector-General:*

SIR,—I have the honor to submit a report of my observations at the annual encampment of the New Hampshire National Guard at Concord, June 14 to 19, 1909.

I reported to you on Saturday, June 12, and, although excused from duty by you for a part of each day, I was on hand and available the greater part of the time from the twelfth to the nineteenth inclusive.

On account of the recent reorganization, we had only one infantry regiment at this encampment, which, with the artillery (Battery A), the cavalry (Troop A), the Signal Corps and the Hospital Corps made a provisional brigade under the command of the Regimental Commander, Colonel Paul F. Babbidge, designated as Post Commander.

The Camp lay-out of these organizations was somewhat different this year than former years, nearer to the "Regulations for Camping."

The ground and all the permanent buildings were as a whole in better condition this year, on the opening day, than usual.

At your suggestion I gave my attention particularly to camp policing and sanitation, discipline, military courtesy and guard duty. The tabulated report below summarizes in part my observations for the week.

Organization.	Discipline.	Courtesy.	Policing.
Infantry, F. S. & N. C. S.,	Excellent.	Good.	Good.
Signal Corps,	Excellent.	Good.	Good.
Infantry Band,	Fair.	Fair.	Poor.
First Battalion,	Good.	Good.	Good.
Second Battalion,	Fair.	Fair.	Fair.
Third Battalion,	Fair.	Good.	Fair.
Hospital Corps,	Excellent.	Good.	Good.
Battery A,	Fair.	Fair.	Fair.
Troop A,	Fair.	Fair.	Poor.

It is seen that the discipline of the various organizations during the week will average "good." There were no serious breaches of discipline and the conduct of the officers and men was, as a whole, quite satisfactory—almost the only trouble occurred on Monday and Tuesday nights, both from our men in Camp and out of Camp. This can, I think, be remedied next year by issuing fewer passes and by posting a good guard on all the roads and bridges towards the city of Concord, every night of the encampment and as early as six o'clock P. M.

The slovenly and careless manner of saluting and many times the absence of a salute to a superior, from both officers and men, affects an "excellent" rating for courtesy. This defect could be corrected by proper practice during the year: not only at the armory but everywhere.

The rating for policing (also discipline) was affected somewhat in the Second and Third Battalions by an excess of boxes and cases. This criticism was noted particularly in quarters of first and quartermaster-sergeants. Also nails and screws were found in uprights in quarters of C Company, Third Battalion, and tacks in L Company, Third Battalion. Policing was found lax at times between the Second and Third Battalions, in the Battery and Cavalry, in and around the quarters of the Infantry Band and in and around some of the company cook's quarters, particularly the Cavalry. Fires were allowed to be built on the cold nights of Thursday and Friday in some of the conical tents of the Battery. This was unreasonable and wrong.

The garbage and rakings were well taken care of each day. Each company cook should be provided with two covered galvanized iron cans—one for solids and one for liquids.

The sinks were dug deeper than usual this year and were properly cared for—plenty of soil and chloride of lime used each day.

According to your verbal instructions, I made an inspection of all the quarters on Wednesday and found them generally arranged according to regulations. In examining the canvas, I noted thirty-eight wall tents needed immediate repairs and seven which should be condemned. I noticed one upright and one ridge-pole splintered and fifty-eight tent floors needing more or less repairs. All the mattresses were in bad condition and should be condemned.

The ceremonies of guard mounting and the performance of guard duty could hardly be called, this year, much less than a dismal and discouraging failure. On this subject I can only repeat the recommendations found in my report of last year—the importance will bear the repetition in full.

“From the result of my inspections this spring, and from my previous experience with the performance of guard duty, I am positive that your custom of detailing a permanent officer for the week, who is independent of the officers of the guard, and whose duty it is to inspect and instruct the guard at guard headquarters and on post, is the only method which can be successfully adopted to bring about a betterment of the performance of guard duty.

“We have always complained that the men of the National Guard come into camp without the proper knowledge and training of guard duty. Officers of a company during the year, at home and at our encampments, are more interested in drills than any other branch of the work; perhaps this is perfectly natural. However, guard duty is just as important and if the companies cannot or do not receive the practical instructions at home absolute means should be given and expected at a camp of instruction.

“It seems to me that the officer detailed for this branch of the service should be free from any other military duty, and that he should have absolute authority to instruct and to correct all errors from the very moment the call is sounded each day for guard mounting to the moment the guard is relieved of its twenty-four hour duty.

“It is plainly obvious that officers and men alike need the instructions in the theoretical and practical performance of guard duty—guard duty which may be applied anywhere and under any emergencies.”

Practically no complaints were heard of the system of messing this year and of the rations issued. The commissary department, and, in fact, the company cooks, deserve great credit for the careful and faithful work in this important direction.

I feel that I should mention the Young Men's Christian Association, who had their tent on the ground this year, as usual. Too much credit cannot be given to this organization for the excellent and noble work they are performing,

and I am sure this work should be encouraged by the New Hampshire National Guard more and more every year.

Permit me to express to you my deep appreciation of the many courtesies and kind advices that I have received from you during our work together, in the Inspector-General's department. Also, allow me, if you please, to thank all the officers I have served under and all the officers and men whom I have served with, during my connection with the National Guard, for their advice and assistance and unflinching courtesies.

Very respectfully,

ARTHUR H. KNOWLTON,

*Major and Inspector-General.*

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NEW HAMPSHIRE NATIONAL GUARD,

OFFICE OF THE INSPECTOR-GENERAL,

MANCHESTER, April 6, 1910.

*To the Adjutant-General, State of New Hampshire, Concord, N. H.:*

SIR.—I have the honor to submit the following report of my inspection of the New Hampshire National Guard made in compliance with General Orders No. 23, A. G. O., 1909.

I personally visited and inspected each organization except Troop A, Cavalry. I was assisted by Col. Arthur J. Pierce, A. D. C., who was detailed as acting inspector-general. The work of this officer was thorough and well performed.

As usual, the inspection of each organization was made concurrently with that required by the War Department in conformity with an act of Congress approved January 1, 1903, entitled "An Act to promote the efficiency of the

militia and for other purposes." The inspections for the War Department were made by the following officers: General headquarters and infantry, Capt. E. B. Gose, U. S. A.; field artillery, Capt. Morris E. Locke, U. S. A.; coast artillery, Capt. Robert B. McBride, U. S. A.; cavalry, Capt. Charles T. Boyd, U. S. A.; signal corps, Major Samuel Reber, U. S. A.; medical department, Capt. James D. Hysinger, U. S. A.

Adjutant-General Harry B. Cilley was present as mustering officer and inspected the armory accommodations of each organization. Lieutenant-Colonel Herbert E. Tuthery, U. S. A., retired, was present as surveying officer.

The inspections were begun March 1, 1910, with general headquarters at Concord and were concluded March 24, 1910, with Troop A. Cavalry, at Peterborough. In visiting each company, the arms, clothing, equipments and other military stores were examined by daylight preceding the inspection of the companies which, in nearly all cases, took place in the evening. Books and records were also examined. The officers and men were viewed at drill in both close and extended order and every man was questioned individually on his knowledge of general duties. Where errors were found, instructions were given for their correction.

#### REMARKS AND CRITICISMS.

I found the general condition of the New Hampshire National Guard very satisfactory. It is true that many minor deficiencies in practice and knowledge of military duties were found, but they were such as can easily be remedied with continued instruction on the right lines. I was pleased to note a decided improvement in nearly every organization since the last annual inspection.

With a few exceptions, hereafter noted, the troops are armed, equipped and clothed in the same up-to-date man-

ner as is the regular army of the United States and are prepared to take the field in any emergency within or without the state as the governor or president may order. All troops are without the olive drab service uniform needed for active service in cool weather. I am informed by the Adjutant-General that these uniforms will be provided within the present year. The medical department is without ambulances, medical chests and the bed units needed for field hospital equipment. The cavalry is still equipped with the black leather saddles but these are in good condition and serviceable. The troop is not supplied with halters, lariats and nose bags. The signal corps is but poorly equipped.

Within the last year, the National Guard of the state has been reorganized by reducing the infantry from two regiments to one, abolishing the permanent brigade headquarters and establishing one battalion of coast artillery, formed from companies formerly in the infantry. The average strength of companies has been increased and the aggregate strength of all arms is but about 500 less than one year ago.

The reorganization gave opportunity for weeding out companies found weak in the last previous inspection and a higher average standard of work should be expected from those remaining. I am pleased to report that with a few exceptions, the several organizations have been brought up to the advanced standard.

The most serious defect apparent is the deficiency displayed by many officers in their general knowledge of military duties and responsibilities. To properly perform their duties as commanders and instructors, officers should not only make a thorough study of military tactics but should attend officers' schools conducted for their special instruction. I believe that a school of instruction for officers of at least one week's duration and conducted under the supervision of regular army officers, would be of inestimable benefit to the New Hampshire National Guard.

## GUARD DUTY AND MILITARY COURTESY.

Guard duty and military courtesy are subjects which should receive more consideration in the instruction of the company. When the men have learned their general orders, guard mount and guard duty should be made a part of the regular armory drill. Guard should be mounted, guards posted around the drill hall, sentinels should be questioned in regard to their duties and practical illustrations should be given. If this method was followed, better results in guard instruction would be obtained.

## DRILL AND INSTRUCTION.

From my observations, I am forced to believe that the non-commissioned officers and men do not receive enough instruction in the way of lectures in the assembly rooms. The different movements in drill should be thoroughly explained in the language of the drill regulations before they are practiced, so that all may have a clear knowledge of what they are doing or attempting to do. Much valuable time is wasted marching about the drill hall without results as far as instruction is given.

If the captain would conduct his schools for officers and non-commissioned officers strictly in accordance with paragraph 163, I. D. R., it would be a vast improvement over the method of instruction now followed in many companies. Officers and non-commissioned officers should be able to recite regulations in the language of the authorized Drill Regulations to be competent instructors of company or squad.

Officers should pay close attention to paragraphs 116, 176, 177, 178 and 187, I. D. R., relating to forming line from column of squads, to right (or left), and turning on a moving or fixed pivot when marching in line. The fourth command should be given promptly when the last man ar-

rives in his new position and not after a perceptible wait, as was found to be the custom in many companies. In directing, loading and firing exercises, many officers err in naming the object first. Infantry Drill Regulations (Par. 139) should be carefully followed.

#### CARE OF RIFLES.

I found a great many rifles in a condition indicating gross neglect in their care. While presentable in appearance on the outside, they were dirty or rusty within the bore, which is the vital part of the rifle.

Every part of the rifle should be kept free from rust and dirt and particular attention should be paid to the bore as the least bit of rust or nick there injures the accuracy of the piece. After using smokeless powder, the rifle should be cleaned immediately or the bore will corrode. The rifles should be wiped dry and cosmoline or cosmic oil should then be applied to the metal surfaces before the rifle is put away. Rifles thus treated may be kept free from rust for long periods even in damp armories.

#### GENERAL REMARKS.

The wearing of superfluous and unauthorized decorations in the form of ribbons, badges, medals, etc., as a part of the uniform, should be prohibited. In wearing badges and insignia issued as awards for marksmanship, only the highest class badge to which the soldier is entitled should be worn. For instance, if a soldier is in the expert class, he should wear the badge of that class and no badge of any lower class. Neither should he wear badges of old and new issues at the same time.

More care should be exercised by company commanders and surgeons in seeing that the sick reports are properly made out and signed. I found a number of sick report books that were not properly kept.

Many morning report books were not properly filled out. It is important that under the head of "Remarks," the names of men should appear with the proper remarks when they are absent sick, detached, under arrest, etc. This report should give a record of the man and show where he is if he is not present for duty. Instructions are printed in each book and if consulted will aid in keeping them correctly.

Caps should not be cocked on one side when worn, but should set squarely on the head. With dress or full dress uniforms, black leather shoes should be worn and the shoes should be polished.

Men should be instructed not to bang their rifles on the armory floor nor stamp their feet when marching or coming to a halt.

Squad leaders may with profit be held responsible for the condition of the arms, clothing and equipment of members of their respective squads, as well as for their instruction, and should inspect them at frequent intervals.

In nearly every company I found some men who appeared careless of their personal appearance in preparing for inspection. Some appeared with russet shoes when black shoes should be worn, some had neglected to polish their shoes, some appeared with hair unkempt and untrimmed and some were unshaven. I believe this was due to lack of instruction rather than to slovenliness in nature on the part of the men themselves. Too many officers fail to impress upon their men the importance of neatness in appearance on occasions of ceremony until their companies are forming for parade and then unjustly censure the man who does not know what is expected of him.

Lieutenant-Colonel Herbert E. Tutherly, U. S. A., retired, has prepared and distributed a series of notes of instruction for the several arms of the service which should be a great help to both officers and men and which should be carefully studied. Where these notes do not give complete instruc-

tions, references are made to those sections of regulations and military works which cover the subject.

I would respectfully suggest that in future years the inspections by the state and by the War Department be made separately. In my opinion better results would be obtained if these inspections were at least one or two months apart.

WILLIAM SULLIVAN,  
*The Inspector-General.*

REPORT OF SPRING INSPECTIONS, 1910.

	RATINGS.									
	Percentage of attendance.	Proficiency in drill.	Knowledge of guard duty.	Condition of arms.	Condition of equipments.	Condition of clothing.	Condition of books and records.	Military bearing.	Military courtesy.	Target practice figure of merit.
FIRST INFANTRY.										
Headquarters, Field and Staff .....	91	...	...	...	...	...	100	...	...	25.00
Band.....	92	...	...	...	92	...	...	...	...	...
Company A.....	85	95	88	101	100	100	98	98	94	18.63
Company B.....	97	96	88	92	100	100	96	99	95	33.91
Company C.....	86	80	86	68	98	98	95	98	96	12.25
Company D.....	95	86	86	100	100	100	97	97	93	20.00
Company E.....	77	90	84	94	98	98	98	98	94	42.33
Company F.....	82	94	85	70	100	100	98	97	94	40.07
Company G.....	75	86	85	94	99	100	97	95	90	56.72
Company H.....	93	94	87	100	100	100	98	98	94	63.42
Company I.....	89	90	86	65	100	100	96	96	90	16.53
Company K.....	90	94	92	94	100	100	97	98	92	43.28
Company L.....	91	84	80	100	98	98	96	98	93	47.69
Company M.....	86	80	86	98	100	100	98	100	95	48.91
COAST ARTILLERY.										
First Company.....	98	90	84	70	94	96	98	98	96	7.16
Second Company.....	89	92	86	96	100	98	97	99	97	26.45
Third Company.....	80	88	88	94	98	98	99	98	96	1.34
Fourth Company.....	88	90	84	65	98	98	97	97	94	13.86
Signal Corps.....	80	...	...	...	80	100	98	98	96	.....
Hospital Corps Det., Manchester....	100	96	...	...	100	100	100	98	...	.....
Hospital Corps Det., Concord.....	100	96	...	...	100	100	100	99	...	.....
Battery "A," First Field Artillery..	85	94	94	100	100	100	98	98	95	.....
Troop "A," Cavalry.....	83	91	92	94	94	100	95	98	94	72.01

CONCORD, N. H., September 30, 1910.

*The Adjutant-General,  
State of New Hampshire:*

SIR.—I have the honor to report pursuant to G. O. No. 11, A. G. O., c. s., on the Encampment of the N. H. N. G.

I arrived at the camp September 17, and Colonel A. J. Pierce, detailed as assistant, reported September 18. This officer rendered most faithful and efficient service.

#### ARRIVAL IN CAMP.

Detraining of troops, September 19, 1910.

The troops began to arrive at Concord Depot shortly after nine A. M. The detraining followed.

The first battalion is to be commended on the expeditious manner and good order in making its formation.

Companies D and I were slow and a little confusion followed in making their company formations.

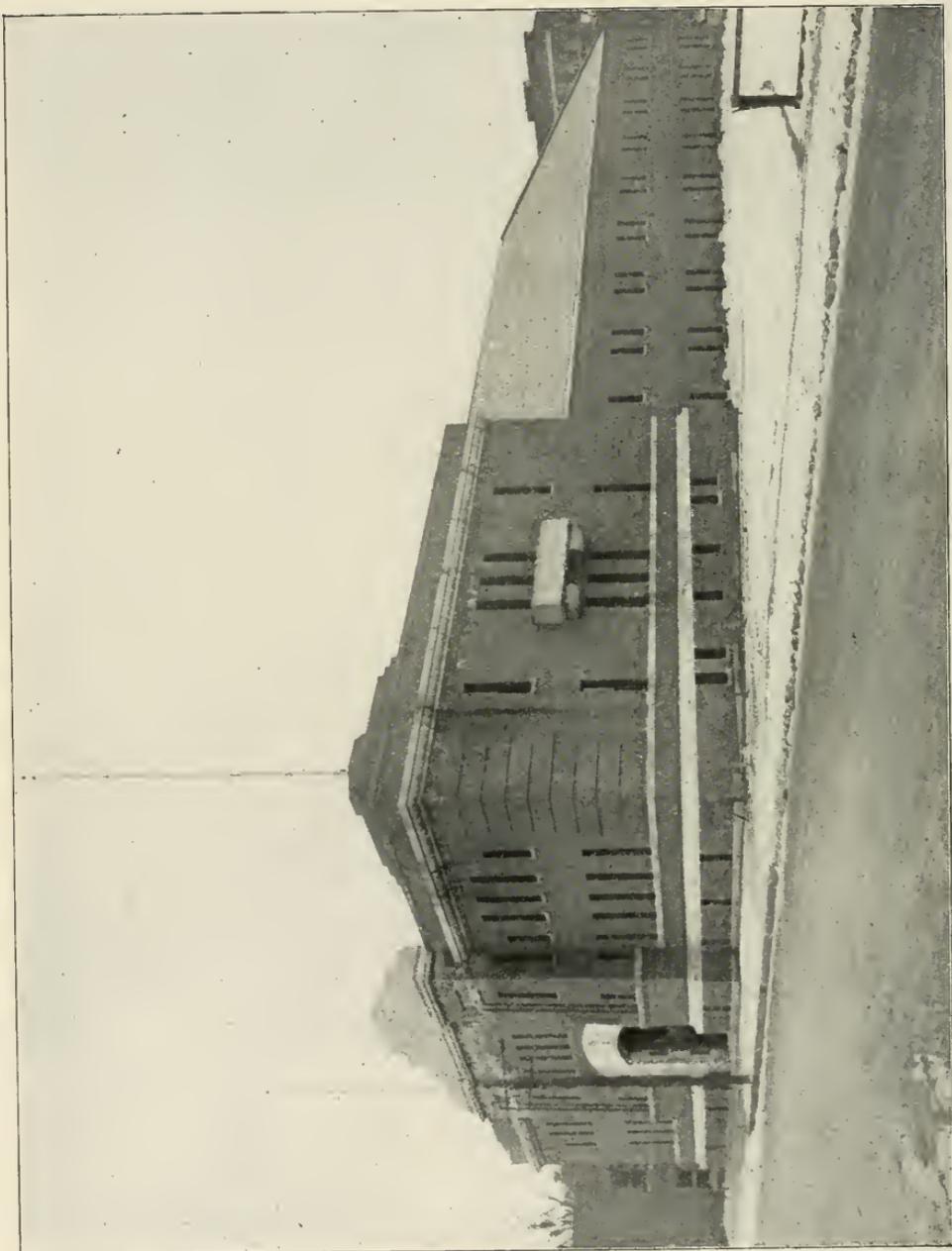
Companies G and H detrained and formed their command in good order.

Companies M and L arrived at a later hour of the day. The battery and cavalry arrived during the afternoon.

On arriving at camp, the work of instruction as laid out in G. O. No. 11, A. G. O., was generally carried out according to schedule, with the exceptions that the reveille roll-call and police at the time specified were not generally observed.

The United States Army officers detailed as instructors and inspectors for the tour of duty reported on this date, immediately taking up their respective work as assigned to them and being faithful and enthusiastic during the Encampment.





STATE ARMORY, MANCHESTER, NEW HAMPSHIRE.

## DRILL.

The drill as laid out in General Orders No. 11, A. G. O., was carried out each day. If the instruction imparted during the tour of duty is appreciated and taken full advantage of by the officers of the different organizations at their home stations the benefit will be material.

It was noted by the inspectors that during the drill period a number of non-commissioned officers and men were found in most organizations loitering around quarters without proper explanation.

## SANITARY CONDITION.

Previous to the troops coming into camp, the sinks were inspected and found to be in a satisfactory condition by the inspectors detailed for the tour of duty.

The policing of the latrines was but poorly carried out during the entire Encampment, although occasionally they appeared fairly satisfactory. Remedies to better this unsatisfactory condition were made each day by the inspectors but were poorly executed or apparently ignored. This, however, was no fault of the Medical Department as they apparently did everything in their control to remedy this state of affairs.

It was suggested that a box of sand and shovel be placed in each latrine and a detail of sink police be made to see that each person using the latrines take the necessary precaution to cover their deposit before leaving. These suggestions were only partially carried out. In most cases boxes and shovels were supplied but the police and sand were not in evidence. I am satisfied that if these precautions had been carried out the condition of the sinks as at present constructed would be fairly satisfactory.

## KITCHENS.

The first day the condition of the kitchens was unsatisfactory. The inspectors were pleased to note a general improvement each day in this respect. Store tents, like the kitchens, the first day were poorly kept but a willingness to improve their conditions was manifest, and in all but five of these tents the cooks, having slept in them by precedent (a custom to be condemned), were quartered elsewhere.

## MESS HOUSES.

These were found to be generally poorly policed.

## TENTS.

The first day these were found to be poorly policed with no uniform arrangement of equipment and clothing, etc. Each day following an improvement was, however, noticed and the appearance was generally satisfactory. In some instances, when arms were stacked either in or out of tents, it was noticed that other equipment and clothing of the soldiers were suspended from these arms, a custom to be condemned as injurious to the rifle.

The first day nails were found in poles of store tents of Companies E, L, M, and C, and in squad tents of Companies H, G and A. These were later removed by order.

In Troop A, Cavalry, a conical tent, on the twenty-third, was badly damaged by fire.

## GUARD DUTY.

At the ceremony of guard mounting the first day a lack of uniformity in equipment was noticeable. Two first sergeants were noticed as not being present, while each day thereafter the same condition was noticed. This ceremony generally was creditably performed with an improvement

noted as the tour of duty progressed. It was, however, noted that the field music omitted to take its proper position or commenced to play when the band ceased, with the exception of twice during the tour of duty.

Knowledge of guard duty was generally very poorly understood and clearly shows that the theoretical as well as practical part of this instruction is not made a part of the regular drill at the home stations of the troops.

#### MILITARY COURTESY AND DISCIPLINE.

In many cases this seems to be poorly understood. The men appear willing to show this courtesy but evidently lack the proper instruction as to its importance.

Discipline was good except during the last night, when a number of officers and men remained out of quarters, roaming about the camp to the disturbance of their comrades.

#### POLICING.

Upon breaking camp the troops policed the grounds in a very satisfactory manner, showing that the instructions given in camp sanitation were understood and appreciated by officers and men.

#### ENTRAINING.

The entraining of the troops upon their departure for their home stations was made in good order and without confusion.

Very respectfully,

WILLIAM SULLIVAN,  
*The Inspector-General, N. H. N. G.*



ORDNANCE DEPARTMENT.

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APPENDIX B.



# ORDNANCE DEPARTMENT.

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NEW HAMPSHIRE NATIONAL GUARD,

NASHUA, N. H., April 20, 1909.

*Major-General Harry B. Cilley, The Adjutant-General:*

SIR.—I have the honor to submit herewith the following report of the Department of Small Arms Practice, for the season of 1908.

The range season opened April 1 and closed October 31. During this period 1,245 officers and enlisted men qualified with the rifle, a percentage of 82.12 of the strength of the Brigade.

Of the 271 officers and men who failed to report on the range, for practice, 6 were from the General Staff Departments; Brigade Staff, 2; Troop A, Cavalry, 14; First Infantry, 104; and Second Infantry, 145.

The figure of merit of the Brigade, 49.77, shows a slight gain over the work of the preceding year.

In the separate organizations, Company H, First Infantry, lead, with a figure of merit of 85.26, a gain of 40.26 over 1907; Company F, Second Infantry, second, with 84.64. Company L, First Infantry, also deserve honorary mention for qualifying 100 per cent. of their strength.

The tabulated report, enclosed, shows the range work performed by each organization, their per cent. of qualifications and figure of merit.

## REVOLVER PRACTICE.

The revolver course approved by the War Department and published in Circular No. 74, dated Washington, No-

venber 4, 1907. was adopted. for use of the National Guard of New Hampshire, in its qualifications with this arm. The conditions, distances and kinds of fire embodied in this circular were published in General Orders, No. 8, A. G. O., dated Concord, April 1, 1908.

This being the first season under the present qualifications no comparisons can be made with the work of the preceding year.

#### U. S. MAGAZINE RIFLE.

Previous to the opening of the practice season the entire guard was equipped with the U. S. magazine rifle, model of 1903, chambered for the 1906 ammunition, in place of the Krag Jorgensen rifles which were issued in 1903.

Although the results attained with the new arm have been very creditable, I shall expect, from the experience of the past season, far greater improvement in 1909.

#### RANGES.

The range accommodations throughout the state were the same as in 1907, no new ranges having been secured, although several of the old ones have received needed repairs and improvements.

With many of the organizations, handicapped in not having available ranges, the progress in this department has been slow and each year more effort is required to retain our present standard of efficiency.

Until some action is taken, either by the state or local authorities in providing suitable ranges for all companies, the progress in this work will be unsatisfactory.

#### ARMORY PRACTICE.

In January, 1908, The Adjutant-General, on requisition to the War Department, received forty 22-calibre Spring-

field rifles, for use in the National Guard, for gallery practice.

These were delivered to the several organizations, by the chief ordnance officer who visited each company, demonstrating the mechanism and necessary care of the rifle and at the same time furnishing plans and specifications for the building of safe indoor ranges.

The establishment of gallery qualifications resulted in a great saving of service ammunition, as all officers and enlisted men are required to learn the first principles of rifle shooting and attain certain qualifications in the armory, previous to being allowed to practice with service ammunition.

#### COMPETITIONS.

The scores and quality of work performed by the New Hampshire rifle teams, during 1908, was such as should receive commendation from the people of the Granite State. The State and Regimental rifle teams, selected to compete in the National and Interstate Matches, were without doubt the strongest teams ever representing the New Hampshire National Guard. In winning the first and second place in the Regimental Match, at the New England Tournament, by the First and Second Regiment teams, respectively, gained for themselves the honor of out-shooting the Sixth Massachusetts team, which is considered one of the fastest in the United States, and at the same time breaking all previous team records, in competition, at 600 yards, on the Bay State rifle range.

The work of the State team in all its slow fire shooting was very commendable, especially the 1,000-yard stage, in the National Match, where in a field of fifty entries its score was excelled by only five teams, of which three were from the Regular Army and two from the National Guard.

The skirmish and rapid fire continues to be our weak stages and unless more time can be devoted to preliminary

practice, on a range where these classes of fire are available, we cannot expect to better our present position in the National Match.

In the state competitions held at Manchester, during the month of September, the results showed improvement over the work of previous years and the competitors in general seemed to have acquainted themselves with the rules governing such matches and with few exceptions instruction by range officers were unnecessary.

A delay in starting the State Company Team Competition was caused by several team captains not reporting on the firing line at the time ordered for drawing of targets, and they were allowed to compete, only after being instructed that future neglect of promptness would bar their team from entering the match.

#### SUGGESTIONS AND RECOMMENDATIONS.

With the use of the present high power rifle it becomes necessary to require the utmost care in the construction and maintenance, especially butts and back-stops, and I again recommend that a competent officer be instructed to inspect every range in the state, used by the National Guard, with authority to approve or disapprove the use of any or all ranges, said officer to require such repairs and changes to be made, as in his opinion are necessary, previous to its use for further range practice. The officer so detailed to make a report to The Adjutant-General of the condition and ownership of each range, distances available, number of targets, distance from armory, means of transportation and a description of the construction of the butts and back-stops.

The value of the individual soldier to the state, is determined largely by his effectiveness as a marksman. Careful instruction in rifle practice is therefore very important and necessary as a military duty, and is, next to discipline, the most essential part of a soldier's training and I would

recommend that competent officers or State team men be detailed on the several ranges on certain days throughout the season, to act as instructors and impart such knowledge as may be required to improve the efficiency of the guard in marksmanship.

I wish to extend my thanks to the officers of this department, as well as all others who have so ably assisted me during the past season.

Very respectfully, your obedient servant,

ARTHUR F. CUMMINGS,  
*Major, Ordnance Department, N. H. N. G.*

CONSOLIDATED REPORT OF TARGET FIRING OF FIRST BRIGADE, N. H. N. G., FOR  
THE YEAR 1908.

ORGANIZATIONS.	CLASSIFICATION OF RIFLE AND CARBINE FIRING.										CLASSIFICATIONS, REVOLVER.					FIGURE OF MERIT.	
	Company.	Average strength.	Per cent. qualified.	Experts.	Sharpshooters.	Marksmen.	First Class Marksmen.	Second Class Marksmen.	Third Class Marksmen.	Fourth Class Marksmen.	Number on roll.	Number firing.	Experts.	Sharpshooters.	Marksmen.	1908.	1907.
																Rifle.	Rifle.
GENERAL STAFF.																	
Adjutant-General's Department.....		2	100.00			1				1	2				100.00		
Inspector-General's Department.....		2	50.00			1				1	1				50.00		
Judge Advocate General's Department.....		2	50.00			1				1	1				37.50		
Quartermaster's Department.....		3	66.66	1		1				3	2	1	1		100.00		
Subsistence Department.....		3	33.33				1			3	1				3.33		
Medical Department including Hospital Corps*.....		37								1					75.00		
Pay Department.....		3	100.00	2	1					3	3	3			106.66		
Ordnance Department.....		10															
Signal Corps.....		3	33.33			1				2	3				33.33		
Brigade Staff.....		65	78.46	12	5	1	33	11		65	31	5	3	2	50.46	25.71	53.63
Troop A, Cavalry.....		96	87.50							96	81	11	26				
Battery A, First Field Artillery.....																	
FIRST INFANTRY.																	
Field and Staff.....		22	72.72	1		6	6	3		6	2				58.18		63.75
Company.....	A	62	90.32	3		13	1	30	6	3			1		37.71		31.92
Company.....	B	68	86.76	6	3	20	1	25	9	3					62.50		50.00
Company.....	C	55	81.81	1	2	17	10	13	10	3					57.81		76.13





TABULATED REPORT OF QUALIFICATIONS.

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SEASON OF 1910.



# TABULATED REPORT OF QUALIFICATIONS.

## EXPERTS.

All who have made the necessary total to qualify as sharpshooters and have fired two or more full scores at 800 and 1,000 yards, and from the best two have made a total of 40 at 800 and 35 at 1,000 yards.

	SCORES.
QUARTERMASTER'S DEPARTMENT.	
× Sergeant A. Johnson.....	406
ORDNANCE DEPARTMENT.	
× Major A. F. Cummings.....	333
× Captain M. H. Degnan.....	408
TROOP A, CAVALRY.	
× Lieutenant C. W. Jellison.....	314
× Sergeant C. L. Rich.....	329
× Sergeant J. H. Holden.....	313
× Sergeant H. F. Smith.....	325
× Corporal A. O. Frost.....	322
× Corporal G. F. Diamond.....	310
× Musician O. E. Meece.....	424
× Musician A. G. Davis.....	357
× Private E. A. Colburn.....	321
× Private F. T. Davis.....	336
× Private E. C. Driscoll.....	322
Private J. A. Duncklee.....	340
FIRST INFANTRY.	
<i>Field and Staff.</i>	
Lieutenant-Colonel T. Raiche.....	334
<i>Company A.</i>	
Lieutenant A. Bouchard.....	322
× Q. M. Sergeant T. Isabelle.....	323
× Sergeant D. Francouer.....	319
<i>Company B.</i>	
× Captain M. Clougherty.....	311
× Corporal J. J. Hayes.....	311
Corporal W. McDonald.....	317
Musician, P. Casey.....	315
Private D. Cullity.....	321
Private J. Healey, 1st.....	311

	SCORES.
<i>Company C.</i>	
Corporal F. S. Marston.....	325
<i>Company E.</i>	
× Lieutenant C. R. Blake.....	357
× Corporal H. Laroque.....	358
<i>Company F.</i>	
Captain E. T. Sherburne.....	320
Sergeant W. L. Harvey.....	327
Corporal H. A. Shaw.....	325
Corporal C. L. Tinkham.....	316
Musician J. F. Shea.....	335
Private C. B. Allen.....	310
Private A. J. Gouin.....	325
<i>Company G.</i>	
× Captain W. C. Ellis.....	397
× Lieutenant J. E. Wyman.....	345
Lieutenant J. E. Gee.....	318
× Sergeant K. J. Eklund.....	406
Sergeant A. T. Messer.....	325
× Sergeant B. F. Blythe.....	339
Sergeant G. Moline.....	316
Sergeant W. B. Hills.....	352
× Corporal H. L. Adams.....	342
Private F. M. Farr.....	341
× Private E. B. Leet.....	369
Private L. E. LaDane.....	323
Private T. D. Myrian.....	318
Private P. Pair.....	313
<i>Company H.</i>	
× Captain E. C. Barker.....	410
× Lieutenant F. J. Thomas.....	348
× Sergeant F. N. Shaw.....	372
× Sergeant F. W. Perham.....	347
× Sergeant N. A. Crosier.....	369
× Sergeant J. P. Morse.....	387
Sergeant J. B. Pelkey.....	315
Corporal R. E. Bridge.....	338
Corporal H. J. Griffin.....	323
Corporal T. C. Fletcher.....	321
Corporal E. A. Nash.....	341
Private A. H. Barker.....	327
Private H. H. Taylor.....	331
Private M. E. Hart.....	323
<i>Company I.</i>	
Captain W. E. Sullivan.....	336
× Private G. H. Nason.....	398
<i>Company L.</i>	
× Captain C. H. Bergquist.....	336
× Lieutenant C. Bjorkland.....	315
× Sergeant C. O. Anderson.....	351
× Corporal A. Olson.....	326
× Corporal C. Swanson.....	352
Private O. Swanson.....	348

	SCORES.
<i>Company M.</i>	
Sergeant C. H. Powell.....	327
SECOND INFANTRY.	
<i>Field and Staff.</i>	
× Major R. L. Piper.....	323
× Captain E. S. Hawkins.....	330
× Lieutenant J. G. Jones.....	318
× Sergeant C. P. Bodwell.....	347
<i>Company B.</i>	
× Corporal H. W. Locklin.....	340
<i>Company C.</i>	
× Lieutenant S. E. Hall.....	333
<i>Company E.</i>	
× Captain F. W. Brown.....	324
× Lieutenant A. W. Carpenter.....	324
× Lieutenant M. D. Ohnstead.....	315
Corporal J. Kempe.....	343
Private S. L. Melin.....	326
Private Y. Rosendale.....	316
<i>Company F.</i>	
× Captain G. H. VanNess.....	375
× Lieutenant V. G. West.....	392
× Sergeant E. H. Smith.....	328
Corporal E. J. Young.....	362
Corporal W. O. Parker.....	329
× Private J. W. Farr.....	369
× Private E. McIver.....	348
× Private V. H. West.....	352
<i>Company G.</i>	
× Captain O. P. Cole.....	318
× Lieutenant G. F. Cullet.....	332
× Lieutenant A. C. Gorham.....	346
Sergeant A. W. Bronk.....	377
× Sergeant T. Hopkins.....	322
× Corporal J. H. Bales.....	390
× Private I. W. Bales.....	327
× Private A. G. Day.....	332
Private J. C. Bradbury.....	315
Private V. G. Heath.....	320
Private I. D. Ward.....	323
<i>Company K.</i>	
Lieutenant J. H. Lavertue.....	358
× Sergeant F. W. Moore.....	388
× Sergeant G. H. Piper.....	408
× Sergeant E. C. Creighton.....	314
× Private G. R. Bowman.....	326

× Previously qualified in this class.

## SHARPSHOOTERS.

All who have fired two or more full scores at 200, 300, 500 and 600 yards, and from the best two in each range have made a total of 160; and have fired two or more full scores; timed fire, at 200 yards (thirty-second firing interval in each score), and in the best two have made a total of 25, and have made one skirmish run of 20 shots, advancing from 600 to 200 yards; the total of all scores being not less than 235.

	SCORES.
PAY DEPARTMENT.	
× Captain W. D. Davis.....	235
ORDNANCE DEPARTMENT.	
× Captain R. S. Foss.....	235
FIRST INFANTRY.	
<i>Company B.</i>	
Musician J. Clancy.....	235
× Private P. Clougherty.....	239
Private J. Hayes.....	268
<i>Company C.</i>	
× Sergeant W. M. Merrill.....	235
Corporal W. M. Oflutt.....	237
<i>Company E.</i>	
× Lieutenant G. Pederzanie.....	235
<i>Company F.</i>	
× Sergeant J. A. Thompson.....	236
Corporal E. Katchker.....	236
<i>Company L.</i>	
× Private A. Anderson.....	244
Private E. Halin.....	244
<i>Company M.</i>	
Corporal L. C. Cross.....	246
SECOND INFANTRY.	
<i>Field and Staff.</i>	
× Quartermaster-Sergeant A. V. Johnson.....	235
<i>Company B.</i>	
× Private C. Jensen.....	235

	SCORES.
<i>Company C.</i>	
× Captain A. W. Spaulding.....	245
× Sergeant T. Riley.....	236
Private H. Batchelder.....	243
× Private J. Carr.....	240
<i>Company E.</i>	
× Lieutenant F. C. S. Frye.....	285
Sergeant H. B. Jackson.....	235
Private W. Jackson.....	250
<i>Company H.</i>	
× Lieutenant E. H. Wheeler.....	249
Lieutenant F. R. French.....	246
Sergeant R. H. Morey.....	240
Corporal A. L. Broadly.....	254
Corporal C. F. Hayden.....	242
Private V. C. Carr.....	251
<i>Company I.</i>	
× Lieutenant A. W. Scott.....	235
× Sergeant W. E. Farnham.....	235
× Corporal A. M. White.....	235
× Private W. J. Murphy.....	235
<i>Company K.</i>	
Sergeant G. H. McMichael.....	235

× Previously qualified in this class.

## MARKSMEN.

All who have fired two or more full scores at 200, 300 and 500 yards, and from the best two have made a total of 98 out of a possible 150.

	SCORES.
ADJUTANT-GENERAL'S DEPARTMENT.	
× Major-General H. B. Cilley.....	122
× Major C. W. Howard.....	121
INSPECTOR-GENERAL'S DEPARTMENT.	
× Brigadier-General William Sullivan.....	98
QUARTERMASTER'S DEPARTMENT.	
Major E. R. Shaw.....	105
MEDICAL DEPARTMENT.	
× Major H. H. Jewell.....	129
Major N. B. Webber.....	105
BRIGADE STAFF.	
× Brigadier-General J. E. Tolles.....	100
TROOP A. CAVALRY.	
× Private J. E. Cass.....	132
Private A. O. Harrington.....	127
Private O. J. Kidder.....	105
× Private F. C. Mercer.....	132
Private W. M. Thomas.....	118
FIRST INFANTRY.	
<i>Field and Staff.</i>	
Colonel A. G. Shattuck.....	123
× Major E. A. G. Smith.....	98
× Captain G. P. Elliott.....	117
× Lieutenant H. H. Rouse.....	107
Lieutenant F. A. Foster.....	107
× Sergeant W. Mulligan.....	120
<i>Company A.</i>	
Captain F. Giguere.....	103
× Lieutenant S. Leclerc.....	111
Sergeant W. Therriault.....	107
Corporal J. Labec.....	103
Corporal D. Genard.....	116
Private H. Farland.....	114
Private W. Guinard.....	101
Private A. Leblance.....	104
Private R. Plante.....	104
Private R. Prince.....	111
Private D. Paradis.....	102
Private J. Moquire.....	112
Private E. Mandeville.....	105

	SCORES.
<i>Company B.</i>	
Lieutenant E. J. Kelley.....	102
Corporal W. Maher.....	100
Corporal P. Flinn.....	99
× Private P. Connolly.....	101
Private J. Donnelly.....	100
Private M. Dolphin, 1st.....	113
Private M. Dolphin, 2d.....	100
× Private M. Foley.....	123
Private P. Joyce.....	100
Private J. Kelley.....	100
Private E. Mooney.....	104
× Private F. O'Gara.....	99
Private D. O'Brien.....	100
Private W. O'Neil.....	109
Private E. Pattern.....	101
Private J. P. Quinn.....	104
Private J. Riordan.....	99
Private P. Sullivan, 2d.....	103
Private J. Stewart.....	100
× Private P. Shea.....	106
<i>Company C.</i>	
× Captain J. H. Irving.....	122
× Lieutenant W. B. Lang.....	116
× Lieutenant F. M. Laraba.....	98
× Sergeant F. E. Page.....	98
× Sergeant J. E. Wildey.....	99
× Corporal S. E. Gibson.....	109
× Corporal R. Worcester.....	122
× Corporal W. E. Kenniston.....	100
× Corporal S. D. Abbott.....	98
Cook O. A. Isbell.....	121
Private F. S. Coffin.....	121
Private J. Gifford.....	126
Private A. B. Heacock.....	104
Private F. Lavalley.....	117
Private M. A. Merrill.....	103
Private E. R. McKinley.....	112
× Private J. F. G. Stacy.....	108
<i>Company D.</i>	
× Lieutenant G. S. Wilson.....	120
× Lieutenant H. D. Field.....	124
× Sergeant L. G. Puckett.....	113
Sergeant J. Manning.....	111
Sergeant H. S. Barker.....	124
Private H. E. Gault.....	107
Private O. E. Hodlin.....	114
× Private D. Paro.....	113
Private A. W. Putnam.....	98
<i>Company E.</i>	
× Sergeant N. Gendron.....	109
Sergeant C. Nickolds.....	120
Sergeant E. Ring.....	121
Private W. Senecal.....	112

	SCORES.
<i>Company F.</i>	
× Lieutenant T. F. Dalton.....	102
× Lieutenant H. W. Hickman.....	120
Sergeant J. E. Perrigo.....	103
× Corporal D. McIntyre.....	99
Private F. J. Bolton.....	101
Private W. W. Campbell.....	108
Private C. Campbell.....	104
Private W. Craig.....	115
Private B. Fisk.....	99
Private M. W. Main.....	114
× Private G. I. Nye.....	103
Private J. A. Pritchard.....	108
Private F. H. Steavens.....	115
Private J. R. Purcell.....	99
Private G. E. Thompson.....	100
<i>Company G.</i>	
Corporal C. F. Coburn.....	121
Corporal L. A. White.....	101
Private L. D. Berivier.....	109
Private J. P. Barron.....	99
Private C. S. Buswell.....	108
Private W. J. Barden.....	105
Private G. Emerson.....	102
Private R. D. King.....	107
Private F. O. Leslie.....	110
Private E. G. Lovering.....	103
Private F. D. Myrian.....	111
Private H. L. Parker.....	102
Private I. F. Piper.....	107
Private F. H. Staey.....	110
Private A. C. Wigget.....	107
<i>Company H.</i>	
Lieutenant O. E. Cain.....	99
Sergeant A. E. Gorges.....	111
Corporal R. L. Fisher.....	98
Corporal R. A. Worsley.....	109
Private J. A. Brown.....	102
Private H. M. Colgrove.....	112
Private F. T. Chase.....	113
Private G. W. Desell.....	118
Private A. T. Fred.....	99
Private C. M. Grout.....	109
Private C. A. Hill.....	114
Private H. A. Hammond.....	103
Private W. G. Olmstead.....	108
Private M. O. Parker.....	108
Private A. Read.....	102
Private A. C. Smith.....	101
Private H. G. Wiswall.....	99
<i>Company I.</i>	
× Lieutenant H. O. Letendre.....	119
× Corporal A. Boulev.....	119
× Corporal W. H. Harwood.....	141
× Corporal R. A. Watson.....	128
× Corporal E. E. Dustin.....	124
× Musician H. A. Berge.....	128
Private J. G. Boucher, 1st.....	100
Private H. C. Floyd.....	121
Private D. H. Leard, 1st.....	119
× Private A. F. Menter.....	109

	SCORES.
<i>Company K.</i>	
× Captain A. J. Foye.....	127
× Lieutenant L. Conway.....	107
× Private P. Casey.....	103
× Private E. Flanagan.....	118
Private J. Henderson.....	114
× Private J. Hickey.....	116
× Private J. McGinnis.....	125
Private M. McCarthy.....	119
Private J. Sullivan.....	103
<i>Company L.</i>	
× Sergeant G. Lundh.....	122
× Corporal P. Johnson.....	108
× Musician W. Anderson.....	122
Private W. Anderson.....	107
× Private A. Lindstrom.....	105
× Private T. Lindstrom.....	106
× Private G. Lindh.....	118
× Private J. Mortenson.....	119
× Private F. Petterson.....	109
× Private J. E. Petterson.....	102
Private S. Rosen.....	115
<i>Company M.</i>	
× Captain H. D. Emerson.....	121
× Lieutenant S. D. Nelson.....	124
× Sergeant F. B. Cheever.....	115
× Sergeant W. B. Nelson.....	120
× Sergeant C. A. Slate, Jr.....	116
× Corporal F. A. Cheever.....	110
Corporal H. E. Clement.....	124
Corporal E. L. Burnham.....	116
Private H. E. Hubbard.....	123
Private J. H. Nixon.....	101
Private E. Smith.....	114
SECOND INFANTRY.	
<i>Field and Staff.</i>	
× Lieutenant-Colonel C. L. Mason.....	98
× Captain F. W. Lang.....	98
× Lieutenant C. P. Barnum.....	113
× Sergeant E. O. Baker.....	101
<i>Company A.</i>	
× Captain A. E. Sanborn.....	106
Sergeant A. Brown.....	127
× Sergeant H. E. Meader.....	131
× Corporal C. J. Cassidy.....	107
× Corporal C. C. Crowley.....	130
× Musician H. E. Butler.....	124
Private F. P. Curry.....	111
Private J. V. Daley.....	99
Private A. J. McCabe.....	108
<i>Company B.</i>	
× Sergeant E. D. Zahn.....	114
× Sergeant A. F. Remick.....	115
× Corporal W. Craig.....	113
× Private G. H. Knowles.....	101

	SCORES.
<i>Company C.</i>	
× Sergeant H. Champigny.....	114
× Sergeant J. Provost.....	119
× Sergeant A. Sweedmark.....	112
Corporal R. Peterson.....	103
Musician P. Batchelder.....	105
Private R. Chandler.....	110
× Private N. Couture.....	103
Private F. Columbia.....	108
Private G. Cochran.....	108
Private M. Foisy.....	108
× Private E. Gilman.....	118
Private H. Gay.....	102
× Private J. Provencial.....	106
Private R. Morgan.....	106
<i>Company D.</i>	
Sergeant J. Edwards.....	99
× Corporal A. Story.....	102
<i>Company E.</i>	
× Sergeant W. O. Scales.....	127
× Sergeant G. E. Ballard.....	98
× Sergeant M. J. LaPlant.....	117
× Corporal C. R. Clark.....	113
× Corporal G. N. Ash.....	115
Private L. J. Berry.....	123
Private G. J. Descats.....	101
Private W. Daw.....	119
Private P. C. Johnson.....	103
Private S. A. Millette.....	116
Private G. Rylander.....	107
<i>Company F.</i>	
× Sergeant H. A. Mann.....	106
× Sergeant H. Hampson.....	122
× Corporal C. E. N. Relrie.....	121
Corporal F. J. Paradis.....	105
Corporal C. Marlowe.....	115
Cook F. Vallier.....	101
× Private F. Belodeau.....	109
Private A. Brunelle.....	100
Private O. Charbonneau.....	103
Private A. Charbonneau.....	103
Private C. J. Gould.....	103
Private M. Hagermen.....	98
Private G. Laflamme.....	106
Private B. McKelvie.....	109
Private W. Northy.....	104
Private F. Olmstead.....	103
Private F. J. Prescott.....	119
Private B. Revoir.....	102
Private W. Reside.....	110
Private H. L. Smith.....	104
Private W. Stronach.....	104
Private G. Tucker.....	119
× Private E. Vigneault.....	102
Private A. Wakefield.....	100

	SCORES.
<i>Company G.</i>	
Sergeant D. H. Campbell.....	104
Sergeant T. T. McCarthy.....	102
Sergeant W. L. Campbell.....	113
× Corporal J. Butcher.....	98
× Corporal J. T. Lynch.....	106
× Corporal C. G. Streeter.....	104
Corporal A. C. Witherbee.....	111
Musician E. J. Keroach.....	106
× Cook M. F. Dolan.....	99
Private M. T. Campbell.....	114
Private D. F. Campbell.....	114
Private H. J. Cordwell.....	113
Private H. W. Cordwell.....	110
Private T. Henderson.....	109
Private V. R. McKay.....	110
Private E. H. Murphy.....	112
Private H. McKee.....	103
× Private H. M. Oldham.....	100
× Private W. A. Slocum.....	110
Private M. T. Wight.....	111
× Private H. C. Williams.....	111
Private A. R. Williamson.....	102
<i>Company H.</i>	
× Sergeant J. B. Pearson.....	107
× Sergeant C. E. Straw.....	119
× Sergeant J. T. Bennett.....	102
× Corporal F. B. Hill.....	127
Corporal S. J. Judkins.....	101
× Corporal A. L. Yeaton.....	115
× Private S. D. Carr.....	103
Private W. F. Cushing.....	110
Private T. H. Clark.....	107
Private N. E. Marsh.....	106
× Private G. L. Main.....	100
Private F. S. Randall.....	123
× Private F. A. Straw.....	104
Private E. H. Stanyan.....	102
Private W. F. Sanborn.....	107
Private C. S. Tilton.....	99
<i>Company I.</i>	
× Lieutenant C. E. Robertson.....	98
× Sergeant H. H. Grant.....	104
Sergeant C. L. Mitchell.....	101
Sergeant I. A. Beagdon.....	118
× Corporal W. T. Davis.....	122
× Corporal C. W. French.....	98
× Corporal B. F. Laframboise.....	98
× Musician J. Seward.....	119
Cook W. E. Peters.....	106
Private G. R. Bragdon.....	112
Private P. Cilley.....	113
× Private W. O. Hall.....	116
× Private B. A. Powell.....	123

		SCORES.
<i>Company K.</i>		
	Sergeant H. E. Gove.....	104
×	Sergeant C. V. Stanley.....	98
	Corporal E. Abbott.....	110
	Corporal A. Helstrom.....	111
	Corporal V. Wark.....	103
	Private C. W. Buzzell.....	102
	Private F. E. Gove.....	111
	Private B. Gleason.....	126
	Private D. J. Guilmitte.....	114
	Private L. McMurphy.....	108
	Private A. A. Putney.....	115
	Private C. Roberts.....	113
	Private E. Seaverns.....	102
	Private R. Teffts.....	130
<i>Company M.</i>		
×	Captain O. J. Lear.....	113
×	Lieutenant A. V. Peacoir.....	106
×	Sergeant H. L. Hastings.....	100
×	Sergeant W. E. Darling.....	112
×	Sergeant J. S. Pike.....	103
×	Sergeant E. I. Ladd.....	105
×	Sergeant A. F. Walker.....	99
×	Sergeant C. H. Wright.....	117
×	Corporal F. A. Hennigin.....	107
×	Corporal F. Hoyt.....	100
×	Corporal H. Peacoir.....	118
×	Corporal W. A. Norris.....	98
×	Corporal W. Parkee.....	106
×	Corporal S. Converse.....	102
×	Musician W. Baker.....	99
	Musician H. Walker.....	101
	Cook A. Pike.....	119
×	Cook F. Poster.....	102
	Private G. Barrington.....	99
	Private F. Bouchard.....	101
	Private O. Bouvieu.....	99
	Private C. Boyle.....	99
×	Private F. Caffrey.....	98
	Private J. Conroy.....	103
	Private H. Dandron.....	100
	Private H. Davis.....	98
×	Private G. Farley.....	107
	Private D. Fortune.....	100
×	Private J. Flynn.....	101
	Private E. Greenwood.....	99
×	Private A. Hackett.....	100
	Private R. Howe.....	104
×	Private F. Hurd.....	99
	Private E. Hurd.....	104
×	Private F. LaBarge.....	99
	Private R. LeMaie.....	100
	Private W. London.....	98
	Private J. McKay.....	99
	Private F. Maxfield.....	102
	Private J. McGregor.....	102
	Private F. Perry.....	98
×	Private M. Randlett.....	109
	Private M. Stowell.....	115
×	Private E. Tatro.....	100
×	Private F. Thompson.....	106
	Private C. Walker.....	100
×	Private P. Wright.....	99
×	Private R. Wright.....	102

× Previously qualified in this class.

## REVOLVER EXPERTS.

Distances: 15, 25, 50 and 75 yards (open to sharpshooters only)—

15 yards: 2 scores, rapid fire, 8 seconds to each score of 5 shots.  
 25 yards: 2 scores, rapid fire, 8 seconds to each score of 5 shots.  
 25 yards: 2 scores, timed fire, 20 seconds to each score of 5 shots.  
 50 yards: 2 scores, timed fire, 20 seconds to each score of 5 shots.  
 75 yards: 2 scores, slow fire, 20 seconds to each shot, 5 shots to each score.

Necessary for qualification as expert: Eighty per cent. of possible score, or 400 out of 500 points.

	SCORES.
QUARTERMASTER'S DEPARTMENT.	
Sergeant A. Johnson.....	480
MEDICAL DEPARTMENT.	
Major H. H. Jewell.....	431
ORDNANCE DEPARTMENT.	
Major A. F. Cummings.....	423
Captain M. H. Degnan.....	448
Captain R. S. Foss.....	415
TROOP A, CAVALRY.	
Lieutenant C. W. Jellison.....	436
Corporal G. F. Diamond.....	407
Musician O. E. Mercer.....	472
Private F. T. Davis.....	451
Private F. C. Mercer.....	408
BATTERY A.	
Captain A. Gustafson.....	438
Lieutenant E. A. Hayes.....	411
Sergeant H. A. Worthen.....	405
Corporal A. E. Eastman.....	426
Corporal J. H. Williams.....	422
Corporal G. W. Turney.....	409
Chief Mechanic L. A. Knight.....	415
Private J. L. Perkins.....	407
FIRST INFANTRY.	
<i>Company G.</i>	
Captain W. C. Ellis.....	454
<i>Company H.</i>	
Captain E. C. Barker.....	409

	SCORES.
SECOND INFANTRY.	
<i>Field and Staff.</i>	
Major R. L. Piper.....	433
Captain E. S. Hawkins.....	426
<i>Company E.</i>	
Captain F. W. Brown.....	415
Lieutenant A. W. Carpenter.....	423
<i>Company F.</i>	
Captain G. H. Van Ness.....	402
Lieutenant V. G. West.....	454
Lieutenant F. C. S. Frye.....	425
<i>Company G.</i>	
Captain O. P. Cole.....	407
Lieutenant G. F. Cullett.....	433
Lieutenant A. C. Gorham.....	417

## REVOLVER SHARPSHOOTERS.

Distances: 15, 25 and 50 yards—

15 yards: 2 scores, rapid fire, 10 seconds to each score of 5 shots.  
 25 yards: 2 scores, rapid fire, 10 seconds to each score of 5 shots.  
 25 yards: 2 scores, timed fire, 30 seconds to each score of 5 shots.  
 50 yards: 2 scores, slow fire, 1 minute to each shot, 5 shots to each score.

Necessary for qualification as sharpshooter: Eighty per cent. of possible score, or 320 out of 400 points.

	SCORES.
QUARTERMASTER'S DEPARTMENT.	
Major E. R. Shaw.....	323
TROOP A, CAVALRY.	
Sergeant H. F. Smith.....	324
Musician A. G. Davis.....	320
Private A. O. Harrington.....	325
BATTERY A.	
Lieutenant J. E. Hall.....	337
Lieutenant E. L. Towle.....	331
Lieutenant F. J. Abbott.....	330
Sergeant E. C. Furbush.....	335
Sergeant A. G. Baker.....	327
Corporal W. B. Smith.....	330
Corporal E. C. Luce.....	320
Mechanic E. R. Truesdale.....	328
Mechanic W. A. Emery.....	340
Private T. F. Arnold.....	339
Private F. D. Davis.....	327
Private J. Kenvon.....	322
Private L. W. Hand.....	327
Private E. C. Wilson.....	347
FIRST INFANTRY.	
<i>Field and Staff.</i>	
Colonel A. G. Shattuck.....	324
<i>Company I.</i>	
Captain W. E. Sullivan.....	333
<i>Company M.</i>	
Captain H. D. Emerson.....	339
SECOND INFANTRY.	
<i>Field and Staff.</i>	
Lieutenant C. P. Barnum.....	332
Sergeant C. P. Bodwell.....	323
<i>Company H.</i>	
Lieutenant E. H. Wheeler.....	347

## REVOLVER MARKSMEN.

Distances: 15, 25 and 50 yards—

15 yards: 2 scores, rapid fire, 10 seconds to each score of 5 shots.  
 25 yards: 2 scores, rapid fire, 10 seconds to each score of 5 shots.  
 25 yards: 2 scores, timed fire, 30 seconds to each score of 5 shots.  
 50 yards: 2 scores, slow fire, 1 minute to each shot, 5 shots to each score.

Necessary for qualification as marksman: Sixty-five per cent. of possible score, or 260 out of 400 points.

	SCORES.
BRIGADE STAFF.	
General J. E. Tolles.....	290
TROOP A, CAVALRY.	
Corporal E. B. Clark.....	277
Private E. C. Driscoll.....	284
BATTERY A.	
Sergeant E. C. Paul.....	275
Sergeant J. F. Young.....	275
Sergeant L. E. Hill.....	311
Sergeant G. W. Upton.....	276
Corporal H. A. Grady.....	287
Corporal F. C. F. Geer.....	282
Musician G. W. Whitford.....	268
Musician L. A. Whittier.....	267
Private P. A. Baker.....	270
Private H. E. Belknap.....	296
Private W. O. Craig.....	269
Private J. M. Dobbie.....	288
Private A. H. Eaketts.....	287
Private V. O. Faust.....	267
Private F. O. Gustafson.....	267
Private J. D. Hamilton.....	280
Private P. Huntington.....	290
Private J. H. Kimball.....	270
Private W. H. Merrill.....	271
Private G. A. McCullough.....	263
Private W. McKnight.....	273
Private M. Palmer.....	274
Private J. A. Perlex.....	318
Private E. E. Quimby.....	272
Private G. Schunemann.....	261
Private B. H. Smith.....	270
FIRST INFANTRY.	
<i>Company F.</i>	
Captain E. T. Sherburne.....	263
Lieutenant T. F. Dalton.....	283
<i>Company G.</i>	
Lieutenant J. E. Wyman.....	270
Lieutenant J. E. Gee.....	264

	SCORES.
<i>Company I.</i>	
Lieutenant H. O. Letendre.....	281
SECOND INFANTRY.	
<i>Field and Staff.</i>	
Sergeant E. O. Baker.....	265
<i>Company E.</i>	
Lieutenant M. D. Olmstead.....	279
<i>Company H.</i>	
Captain F. T. Ripley.....	262
Lieutenant F. R. French.....	272
<i>Company M.</i>	
Captain O. J. Lear.....	297
Lieutenant A. V. Peacoir.....	302

## COMPETITIONS.

In compliance with General Orders, No. 16, A. G. O., dated Concord, July 3, 1908, the following officers and enlisted men reported on the Manchester Battalion Rifle Range, at Massabesic, N. H., on July 20, 1908, for four days' duty at a camp of instruction in rifle practice, at which time the selection of a rifle team to represent New Hampshire in the National and Interstate Matches of 1908 was made:

Maj. Arthur F. Cummings, Chief Ordnance Officer.  
 Maj. E. Ray Shaw, Quartermaster's Department.  
 Capt. Michael H. Degnan, Ordnance Officer, 1st Infantry.  
 Capt. Robert S. Foss, Ordnance Officer, 1st Infantry.  
 Capt. A. A. Blakely, Commissary, 1st Infantry.  
 Capt. Walter C. Ellis, Co. G, 1st Infantry.  
 Capt. Ernest C. Barker, Co. H, 1st Infantry.  
 Capt. Carl H. Bergquist, Co. L, 1st Infantry.  
 Capt. George H. VanNess, Co. F, 2d Infantry.  
 Lieut. Charles R. Blake, Co. E, 1st Infantry.

Lieut. John E. Wyman, Co. G, 1st Infantry.  
Lieut. Fordyce J. Thomas, Co. H, 1st Infantry.  
Sergt. Arthur Johnson, Post Quartermaster-Sergeant.  
Sergt. Clarence P. Bodwell, Staff, 2d Infantry.  
Sergt. Theodore Isabelle, Co. A, 1st Infantry.  
Sergt. K. J. Eklund, Co. G, 1st Infantry.  
Sergt. W. B. Hills, Co. G, 1st Infantry.  
Sergt. B. F. Blythe, Co. G, 1st Infantry.  
Sergt. F. N. Shaw, Co. H, 1st Infantry.  
Sergt. F. W. Perham, Co. H, 1st Infantry.  
Sergt. J. P. Morse, Co. H, 1st Infantry.  
Sergt. N. A. Croiser, Co. H, 1st Infantry.  
Sergt. A. W. Bronk, Co. G, 2d Infantry.  
Sergt. F. W. Moore, Co. K, 2d Infantry.  
Sergt. G. H. Piper, Co. K, 2d Infantry.  
Corp. H. Larocque, Co. E, 1st Infantry.  
Corp. E. A. Nash, Co. H, 1st Infantry.  
Corp. R. C. Cross, Co. M, 1st Infantry.  
Corp. F. B. Hill, Co. H, 2d Infantry.  
Corp. J. L. Bales, Co. G, 2d Infantry.  
Trump. O. E. Mercer, Troop A, Cavalry.  
Priv. E. B. Leet, Co. G, 1st Infantry.  
Priv. F. M. Farr, Co. G, 1st Infantry.  
Priv. H. H. Taylor, Co. H, 1st Infantry.  
Priv. V. H. West, Co. F, 2d Infantry.  
Priv. J. W. Farr, Co. F, 2d Infantry.  
Priv. E. McIver, Co. F, 2d Infantry.

Maj. E. R. Shaw performed the duties of Post Adjutant and Quartermaster and arranged for the subsistence and accommodations of the detail.

The scorers and markers, under the direction of Capt. A. A. Blakeley, executed their work in a very creditable manner.

Monday, July 20, was devoted to practice on the several ranges, as desired by the competitors. On Tuesday and

Wednesday competition for places on the State team was held, with conditions and distances as follows:

- 200-yard, slow fire: 2 sighting and 10 shots for record.
- 200-yard, rapid fire: 10 shots for record.
- 600-yard, slow fire: 2 sighting and 10 shots for record.
- 1,000-yard, slow fire: 2 sighting and 10 shots for record.
- One skirmish run, 20 shots.

The twelve competitors having the highest aggregate scores, together with the three enlisted men selected by the Chief Ordnance Officer resulted in the following personnel of the team:

- Capt. M. H. Degnan, 1st Infantry.
- Capt. E. C. Barker, 1st Infantry.
- Capt. W. C. Ellis, 1st Infantry.
- Sergt. F. N. Shaw, 1st Infantry.
- Sergt. F. W. Moore, 2d Infantry.
- Sergt. G. H. Piper, 2d Infantry.
- Sergt. J. P. Morse, 1st Infantry.
- Sergt. A. Johnson, Quartermaster's Department.
- Sergt. F. W. Perham, 1st Infantry.
- Sergt. K. J. Eklund, 1st Infantry.
- Corp. J. L. Bales, 2d Infantry.
- Trump. O. E. Mercer, Troop A, Cavalry.
- Priv. V. H. West, 2d Infantry.
- Priv. J. W. Farr, 2d Infantry.
- Priv. H. H. Taylor, 1st Infantry.

The composition of the teams to represent the First and Second Infantry in the Interstate Matches, as selected by the Regimental Ordnance officers were:

#### FIRST INFANTRY.

- Capt. M. H. Degnan, Ordnance Department, Nashua.
- Capt. E. C. Barker, Co. II, Keene.

Capt. W. C. Ellis, Co. G, Keene.  
 Sergt. J. P. Morse, Co. H, Keene.  
 Sergt. F. W. Perham, Co. H, Keene.  
 Priv. F. M. Farr, Co. G, Keene.

## SECOND INFANTRY.

Sergt. F. W. Moore, Co. K, Laconia.  
 Sergt. G. H. Piper, Co. K, Laconia.  
 Sergt. A. W. Bronk, Co. G, Berlin.  
 Corp. J. L. Bales, Co. G, Berlin.  
 Priv. V. H. West, Co. F, Littleton.  
 Priv. J. W. Farr, Co. F, Littleton.

## ALTERNATE.

Priv. E. McIver, Co. F, Littleton.

The detail was excused from further duty, on Wednesday, p. m., with the exception of team members, they remaining on the range Thursday, for practice, following which they returned to their home stations, with instructions to report to chief ordnance officer, on the range of the Bay State Rifle Association, at Wakefield, Mass., on Monday, July 27, 1908.

## NEW ENGLAND INTERSTATE MATCHES.

## MONDAY, JULY 27.

The members of the State and Regimental rifle teams, representing the New Hampshire National Guard, as selected in accordance with General Orders, No. 16, A. G. O., dated Concord, July 3, 1908, reported on the range of the Bay State Rifle Association, at Wakefield, Mass., Monday, July 27, and were assigned quarters in tents, with cots, basins and camp stools for each competitor.

Except for competitions in the various individual re-entry cup matches, which were open all the week, the work

of the day was mainly of practice nature in skirmish and long distance, slow fire.

TUESDAY, JULY 28.

At 5.45 a. m. the State team reported on the skirmish field for practice, our assignment of the range for this day being from 6 to 7 a. m.

#### FIRST CORPS CADET MATCH.

The principal event of the morning was the First Corps Cadet Match, which was called at 8 a. m., with a field of sixteen entries, including teams from Co. G and Co. H, First New Hampshire, and was shot under the following conditions:

Open to teams of five from any company, troop or battery unit, of the organized militia of the New England States.

Distances: 200 and 500 yards, with two sighting and seven shots for record at each range.

Prizes: a trophy and cash prizes presented by the First Corps Cadets, M. V. M.

Company A, Sixth Massachusetts, carried off the honors in this match, the totals of each team being:

	200 yds.	500 yds.	Total.
Company A, 6th Mass. (1st team).....	156	160	316
Company G, 5th Mass.....	148	165	313
Company B, 2d Mass.....	154	153	307
Company F, 1st Maine.....	146	160	306
Company C, 6th Mass.....	137	166	303
Company B, 5th Mass.....	141	157	298
Company H, 6th Mass.....	145	152	297
Company A, First Corps Cadets.....	137	156	293
Company H, 1st N. H.....	143	147	290
Company G, 1st N. H.....	139	149	288
Company A, 6th Mass. (2d team).....	142	136	278
Company K, 2d Mass.....	134	140	274
9th Company, C. A. C., Mass.....	115	152	267
Company I, 6th Mass.....	132	125	257
Company B, First Corps Cadets.....	121	132	253
Company D, First Corps Cadets.....	120	97	217

#### STATE OF MAINE MATCH.

This competition was shot at 2 p. m., under the same conditions as the First Corps Cadet Match with the excep-

tion that the teams winning prizes in the first match were barred from entering this event.

The trophy and medals contested for were presented by the Governors' and Staffs' Association of Maine.

Company C, Sixth Massachusetts, captured this match with a total of 313 points, having a lead of nine over their nearest competitor, Company F, of the First Maine. The scores:

	200 yds.	500 yds.	Total.
Company C, 6th Mass.....	143	170	313
Company F, 1st Maine.....	142	162	304
Company K, 2d Mass.....	147	157	304
Company B, 5th Mass.....	142	161	303
Company A, 6th Mass. (2d team).....	144	159	303
Company H, 1st N. H.....	146	152	298
Company L, 5th Mass.....	142	155	297
Company A, First Corps Cadets.....	138	158	296
Company H, 6th Mass.....	142	149	291
Company G, 1st N. H.....	141	149	290
7th Company, C. A. C., Mass.....	138	147	285
9th Company, C. A. C., Mass.....	142	140	282
Company I, 6th Mass.....	135	144	279
Company B, First Corps Cadets.....	131	139	270
Company D, First Corps Cadets.....	129	137	266

The high individual in this match was Lieut. J. E. Burns, Company C, Sixth Massachusetts, with a total of 66; Capt. E. C. Barker, Company H, First New Hampshire, being sixth, with a score of 64.

In the Essex County Hale and Cushing Matches, which were held during the day, several of the New Hampshire men were contestants, and although none were prize winners the scores made were very creditable.

#### WEDNESDAY, JULY 29.

Skirmish practice again was the first in order, our assignment of the range being from 7 to 8 a. m.

#### BANCROFT MATCH.

A regimental team match, open to teams of six from any regimental or battalion organization, of the organized militia of the New England States.

Distances: 200 yards rapid fire, 600 yards slow fire.

Number of shots: 200 yards, two scores of five shots each in a time limit of 20 seconds for each score; 600 yards, two sighting and ten shots for record in a time limit of 72 minutes for each team.

Prizes: A trophy and medals presented by Major-General William A. Bancroft, of Massachusetts, retired.

This match brought out nine teams—two from New Hampshire and seven from Massachusetts—and proved one of the most exciting and interesting of the series thus far shot. Shortly after eight o'clock shooting commenced at 200 yards, rapid fire, and for the first time the new style target was used in a match. When the bugle sounded cease firing at the 200-yard stage the First New Hampshire team went to the long range with five points to the good over the Second New Hampshire and nine points in the lead of the highest Massachusetts team.

At the 600-yard range the Granite State teams finished strong and the best Massachusetts could do was to tie the score of the First New Hampshire, at 271, while the Second New Hampshire scored one point better. The totals made by both the New Hampshire teams broke all previous records for team competition at 600 yards, on the Bay State range.

The full scores of the winning teams and the summary of the other contestants follow:

FIRST NEW HAMPSHIRE.

Capt. E. C. Barker.												
200 yards	5	4	4	4	2	4	4	4	2	0	33	
600 yards	4	5	5	5	5	4	5	5	5	5	48	81
Capt. M. H. Degnan.												
200 yards	5	4	4	4	3	3	3	4	2	0	32	
600 yards	5	5	5	5	3	3	3	5	3	4	41	73
Capt. W. C. Ellis.												
200 yards	5	4	4	4	3	4	4	4	3	2	37	
600 yards	4	5	5	5	5	5	4	4	5	4	46	83
Private F. M. Farr.												
200 yards	4	4	4	4	3	5	4	4	3	2	37	
600 yards	4	5	4	4	5	4	5	5	4	4	44	81
Sergt. J. P. Morse.												
200 yards	5	4	3	3	3	5	4	4	4	3	38	
600 yards	4	5	5	4	5	5	5	4	5	4	46	84

Sergt. F. W. Perham.												
200 yards	5	5	4	3	3	5	3	3	3	3	3	37
600 yards	4	5	4	5	5	4	5	4	5	5	5	46
												83
												485

## SECOND NEW HAMPSHIRE.

Sergt. F. W. Moore.												
200 yards	4	4	3	2	2	4	4	4	3	2	3	32
600 yards	4	5	5	5	5	5	4	5	5	5	5	48
												80
Sergt. G. H. Piper.												
200 yards	5	5	4	4	0	4	4	4	4	3	3	37
600 yards	4	5	5	5	5	5	5	5	5	5	5	49
												86
Sergt. A. W. Bronk.												
200 yards	4	4	3	3	0	4	4	4	3	3	3	32
600 yards	5	5	5	5	5	5	5	5	3	4	4	47
												79
Corporal J. L. Bales.												
200 yards	5	5	4	4	4	4	4	4	4	4	4	42
600 yards	4	4	5	5	3	4	5	4	4	5	4	43
												85
Private W. H. West.												
200 yards	5	4	4	3	2	4	4	4	4	3	3	37
600 yards	5	4	4	5	5	4	3	5	4	3	4	42
												79
Private J. W. Farr.												
200 yards	5	3	3	2	0	5	4	4	3	0	0	29
600 yards	4	5	4	5	4	5	5	5	3	3	4	43
												72
												481

	200 yds.	600 yds.	Total.
6th Massachusetts (1st team).....	205	271	476
5th Massachusetts (1st team).....	201	270	471
6th Massachusetts (2d team).....	196	252	448
8th Massachusetts (1st team).....	185	265	450
5th Massachusetts (2d team).....	164	254	418
1st Corps Cadets, Massachusetts.....	166	231	397
8th Massachusetts (2d team).....	145	239	384

The high individual scores at each range in this match were won by New Hampshire men, Corp. J. L. Bales, Company G, Second New Hampshire, with a score of 42 at the 200-yard, rapid fire, and Sergt. G. H. Piper, Company K, Second New Hampshire, with a score of 49 at 600 yards, slow fire.

A feature of the day's shooting was the remarkable work of Priv. G. W. Chesley, Company G, Second Connecticut, who made 23 consecutive bull's eyes in the Floyd Match at 300 yards, and of Capt. S. W. Wise, I. S. A. P., Sixth Massachusetts, who made 30 consecutive bull's eyes at the 500-yard range in the Shuman re-entry and the McLane matches.

Very creditable work was performed by the New Hamp-

shire riflemen in the individual squadded and re-entry matches, during the week, Sergt. F. W. Moore, Company K, Second, winning second prize in the Hayden Match; Capt. E. C. Barker, Company H, First, fifth in the Tanner Match; Corp. J. L. Bales, Co. G, Second, fifth in the Governor Floyd Match; and Sergt. Arthur Johnson, Quartermaster's Department, fifth in the Aldrich Pistol Match.

#### THURSDAY, JULY 30.

The fourth day of the tournament opened with all interest centered on the Interstate Match, which called for the same conditions as the National Team Match and was shot in the following order: 200 yards, slow fire; 200 yards, rapid fire; 600 and 800 yards, slow fire; skirmish and 1,000 yards, slow fire.

Open to one team of twelve from each of the New England States.

Prizes: A trophy to be held for one year by the winning team and a medal to each member of the three highest teams.

Of the six New England States, Massachusetts, Rhode Island and New Hampshire were the only states represented in this match.

At nine a. m. the teams reported on the 200-yard range and at the completion of the slow fire work, at this stage the scores were: Massachusetts, 511; New Hampshire, 502; and Rhode Island, 486.

Immediately following the slow fire, rapid fire was then shot at the same distance, using the A target which had never been used in any previous matches in this class of fire, and with the following totals: Massachusetts, 419; New Hampshire, 403; and Rhode Island, 381.

At 1.30 p. m. firing began at the 600-yard, slow fire stage, under conditions which were the worst ever seen on the range, the heavy mirage and changeable wind making it almost impossible to keep on the target.

Under these adverse conditions the New Hampshire team showed itself superior to its competitors, winning this stage over Massachusetts by 15 points, Rhode Island by 41, the totals being: New Hampshire, 496; Massachusetts, 481; and Rhode Island, 455.

Musician O. E. Mercer, Troop A, Cavalry, was high man on this range with a score of 47 out of a possible 50.

At the 800-yard stage the Granite State team did not hold up to the work on the previous range as compared with the other teams, the totals being as follows: Rhode Island, 525; Massachusetts, 515; and New Hampshire, 508.

This stage completed the firing for the day and the standing of the teams for the four stages were: Massachusetts, 1,926; New Hampshire, 1,909; and Rhode Island, 1,847.

#### FRIDAY, JULY 31.

The skirmish run was started promptly at 8 a. m., Rhode Island running first, New Hampshire second, and Massachusetts third.

As in previous matches, this stage again proved disastrous to the Granite State team, Massachusetts making a total of 742, against New Hampshire, 589, and Rhode Island, 583. Up to this stage Massachusetts was in the lead by only 17 points, but the result of the skirmish clearly demonstrates the weakness of the New Hampshire team in this class of fire.

At 10.40 a. m. firing began on the 1,000-yard range, the last stage in the match, and although the scores were not as high as desired, they showed a gain of 17 points over their work of 1907 in this match, the scores being: Massachusetts, 408; Rhode Island, 387; and New Hampshire, 376.

Immediately following the completion of the 1,000-yard stage the New Hampshire contestants were excused from further duty and returned to their home stations.

Below are the team aggregates at each range, also the individual scores of the New Hampshire men:

	Skir- mish.	200 Rapid.	200 Slow.	600 Slow.	800 Slow.	1,000 Slow.	Total.
Massachusetts . . . . .	742	419	511	481	515	408	3,076
New Hampshire . . . . .	589	403	502	496	508	376	2,874
Rhode Island . . . . .	583	381	486	455	525	387	2,817

## NEW HAMPSHIRE.

	Skir- mish.	200 Rapid.	200 Slow.	600 Slow.	800 Slow.	1,000 Slow.	Total.
Sergt. G. H. Piper . . . . .	44	32	42	43	45	11	217
Sergt. F. W. Moore . . . . .	54	38	41	40	42	41	256
Capt. M. H. Degnan . . . . .	55	40	42	36	42	32	247
Sergt. A. Johnson . . . . .	52	35	42	39	41	32	241
Sergt. J. P. Morse . . . . .	48	32	43	40	41	30	234
Sergt. F. W. Perham . . . . .	52	24	42	39	41	27	225
Capt. W. C. Ellis . . . . .	40	30	43	43	46	40	242
Sergt. K. J. Eklund . . . . .	52	32	39	43	42	32	240
Capt. E. C. Barker . . . . .	55	37	41	44	45	38	260
Priv. V. H. West . . . . .	28	35	41	43	41	34	222
Corp. J. L. Bales . . . . .	60	34	45	39	44	33	255
Mus. O. E. Mercer . . . . .	49	34	41	47	38	26	235
	<hr/> 589	<hr/> 403	<hr/> 502	<hr/> 496	<hr/> 508	<hr/> 376	<hr/> 2,874

## NATIONAL MATCH.

The team which represented the Granite State in the National Rifle Match, at Camp Perry, Ohio, assembled at Nashua Junction, Nashua, N. H., on Monday, August 17, 1908, from which place a special Pullman was taken, leaving Nashua at 4.20 p. m. and arriving at Camp Perry the following day at 4.40 p. m. The officers and men composing the team were:

## TEAM CAPTAIN.

Maj. Arthur F. Cummings, Chief Ordnance Officer.

## TEAM COACH.

Brig.-Gen. William Sullivan, Inspector-General.

## TEAM SPOTTER.

Maj. Charles W. Howard, Adjutant-General.

## RANGE OFFICER.

Brig.-Gen. Jason E. Tolles, Commanding N. H. N. G.

## PRINCIPALS AND ALTERNATES.

Capt. M. H. Degnan, Ordnance Officer, 1st Infantry.  
Capt. E. C. Barker, Co. H, 1st Infantry.  
Capt. W. C. Ellis, Co. G, 1st Infantry.  
Capt. C. H. Bergquist, Co. L, 1st Infantry.  
Sergt. F. N. Shaw, Co. H, 1st Infantry.  
Sergt. F. W. Moore, Co. K, 2d Infantry.  
Sergt. G. H. Piper, Co. K, 2d Infantry.  
Sergt. F. W. Perham, Co. H, 1st Infantry.  
Sergt. K. J. Eklund, Co. G, 1st Infantry.  
Corp. J. L. Bales, Co. G, 2d Infantry.  
Corp. E. A. Nash, Co. H, 1st Infantry.  
Musician O. E. Mercer, Troop A, Cavalry.  
Priv. V. H. West, Co. F, 2d Infantry.  
Priv. J. W. Farr, Co. F, 2d Infantry.  
Priv. G. H. Nason, Co. I, 1st Infantry.

Accompanying the team to Ohio were Major-General Harry B. Gilley, The Adjutant-General, and Major E. Ray Shaw, who acted as team quartermaster and commissary officer.

Arriving at the range, teams were assigned quarters in tents furnished by the state of Ohio, with cots, mattresses, camp stools, pails and basins for each competitor. Subsistence was procured at a mess conducted by the Commissary Department of the Ohio National Guard.

Wednesday and Thursday were devoted to individual and team practice on such ranges as were available through the purchase of 80 and 90 per cent. tickets.

Friday and Saturday were the days scheduled for the preliminary team practice, which allowed each team the opportunity of going through the full course, as prescribed for the National Match.

On Monday, August 24, the National Team Match was commenced at 200-yard, slow fire, followed by rapid fire at

the same range, the 600-yard stage, which was shot in the afternoon completing the day's work.

Of the fifty teams entered, which included five service and forty-five state and territory teams, New Hampshire at the completion of the first three stages was in thirteenth position.

The 800-yard stage and the skirmish were shot on Tuesday, the second day of the match, under the most unfavorable weather conditions, the wind varying from fifteen to thirty miles an hour throughout the day, with the result that our team was in twentieth position at the completion of this stage.

On Wednesday morning the teams lined up at the 1,000-yard range, the final stage, with conditions but little better than the preceding day. It was here that the New Hampshire men redeemed themselves in the most creditable manner, making a total of 466 points, which score was only exceeded by the following five teams: U. S. Cavalry, 504; Wisconsin, 475; U. S. Navy, 474; U. S. Infantry, 467; and Illinois, 467.

With this score to our credit we were able to overcome the lead of California, Colorado and New Jersey, finishing the match in seventeenth position, three places better than in 1907.

The National Individual Match immediately followed the completion of the Team Match, which several of the New Hampshire competitors entered, but on account of the time arriving for our departure for home, they were unable to complete the course.

During our stop-over at Cleveland, the entire New Hampshire party was most loyally entertained by Mr. E. H. Kirtledge, president of the Peerless Motor Car Company, a former New Hampshire boy. The trip from Cleveland to Buffalo was by boat, from which point a special train left at eight p. m., August 26, made up of teams from the New

England States, arriving at their home stations during the afternoon and evening of Saturday, the twenty-seventh.

The conduct, as well as the position attained by the New Hampshire team, during this trip, was such as to deserve much credit from the people of the Granite State.

Following is the detail score of our team and the totals of all others:

#### HIGHEST INDIVIDUAL TOTALS.

Mus. O. E. Mercer.....	259
Priv. V. H. West.....	257
Corp. J. L. Bales.....	241
Sergt. G. H. Piper.....	240
Capt. W. C. Ellis.....	239

#### HIGHEST SCORE AT EACH RANGE.

Skirmish run, Sergt. F. W. Perham.....	53
200 yards, rapid fire, Capt. M. H. Degnan.....	40
200 yards, slow fire, Sergt. G. H. Piper.....	42
600 yards, slow fire, Priv. V. H. West.....	47
800 yards, slow fire, Capt. E. C. Barker.....	48
1,000 yards, slow fire, Priv. V. H. West.....	45

#### NEW HAMPSHIRE TEAM, NATIONAL MATCH.

	Skir- mish.	200 Rapid.	200 Slow.	600 Slow.	800 Slow.	1,000 Slow.	Total.
Sergt. G. H. Piper.	39	37	42	36	44	42	244
Sergt. F. W. Moore.	27	25	36	41	44	41	214
Capt. W. C. Ellis...	39	35	41	41	42	41	239
Sergt. K. J. Eklund.	41	31	40	42	43	41	238
Capt. M. H. Degnan	32	40	40	40	41	38	231
Priv. G. H. Nason.	38	35	39	38	41	34	225
Capt. E. C. Barker.	25	33	42	41	48	33	222
Sergt. F. W. Perham	53	27	41	26	32	33	222
Sergt. F. N. Shaw..	48	33	40	36	39	37	233
Priv. V. H. West..	52	37	38	47	38	45	257
Mus. O. E. Mercer..	52	40	38	44	41	44	259
Corp. J. L. Bales...	44	36	41	42	41	37	241
	490	409	478	484	494	466	2,821

No.	Team.	Total.
1.	U. S. Infantry.....	3,224
2.	U. S. Navy.....	3,210
3.	U. S. Cavalry.....	3,180
4.	U. S. Marine Corps.....	3,117
5.	Wisconsin.....	3,073
6.	Massachusetts.....	3,056
7.	U. S. Naval Academy.....	3,055
8.	Pennsylvania.....	3,044
9.	District of Columbia.....	3,025
10.	Washington.....	3,000
11.	Illinois.....	2,998
12.	Iowa.....	2,994
13.	Oregon.....	2,943
14.	Oklahoma.....	2,929
15.	Maine.....	2,914
16.	Ohio.....	2,872
17.	NEW HAMPSHIRE.....	2,821
18.	Colorado.....	2,805
19.	California.....	2,798

No.	Team.	Total.
20.	New York	2,773
21.	Maryland	2,768
22.	New Jersey	2,751
23.	Minnesota	2,730
24.	Kansas	2,728
25.	Missouri	2,718
26.	Hawaii	2,714
27.	Indiana	2,710
28.	Michigan	2,706
29.	West Virginia	2,706
30.	Kentucky	2,691
31.	Wyoming	2,677
32.	Connecticut	2,674
33.	Georgia	2,673
34.	Rhode Island	2,666
35.	Arizona	2,587
36.	Alabama	2,568
37.	South Carolina	2,526
38.	Nebraska	2,509
39.	Tennessee	2,488
40.	Delaware	2,473
41.	North Dakota	2,466
42.	Texas	2,450
43.	Vermont	2,450
44.	Virginia	2,429
45.	Arkansas	2,410
46.	New Mexico	2,292
47.	Utah	2,248
48.	Mississippi	2,245
49.	Louisiana	2,096
50.	North Carolina	1,904

#### STATE RIFLE AND REVOLVER COMPETITIONS.

In accordance with General Orders, No. 17, A. G. O., dated Concord, August 20, 1908, the Regimental Company, Regimental Rifle and Battery and Cavalry Revolver Competitions were held on the range of the Manchester Battalion Rifle Range Association, Massabesic, N. H., September 15, 16 and 17, 1908.

The officers of the competition were:

##### EXECUTIVE OFFICER.

Brig.-Gen. William Sullivan, Inspector-General.

##### CHIEF RANGE OFFICER.

Maj. Arthur F. Cummings, Chief Ordnance Officer.

##### STATISTICAL OFFICER AND POST ADJUTANT.

Maj. Charles W. Howard, Adjutant-General.

## POST SURGEON.

Maj. Norman B. Webber, Medical Department.

## POST QUARTERMASTER AND COMMISSARY OFFICER.

Maj. E. Ray Shaw, Quartermaster's Department.

## RANGE OFFICERS.

Brig.-Gen. Jason E. Tolles, Brigade Commander.

Lieut.-Col. Charles L. Mason, 2d Infantry.

Lieut.-Col. Treffle Raiche, 1st Infantry.

Maj. Michael J. Healy, 1st Infantry.

Maj. Edward A. G. Smith, 1st Infantry.

Maj. Arthur H. Knowlton, Inspector-General.

Maj. Eugene W. Leach, Judge Advocate.

Maj. Charles A. Roby, Commissary Department.

Capt. Omar S. Swenson, Pay Department.

Capt. Eben S. Hawkins, Adjutant, 2d Infantry.

Capt. Winfred D. Davis, Pay Department.

Capt. A. A. Blakely, Commissary Department.

Capt. Michael H. Degnan, Ordnance Department.

Capt. Robert S. Foss, Ordnance Department.

Lieut. James B. Crowley, A. D. C., 1st Brigade.

Lieut. Thomas F. Dalton, Co. F, 1st Infantry.

TUESDAY, SEPTEMBER 15.

## REGIMENTAL COMPANY TEAM MATCH.

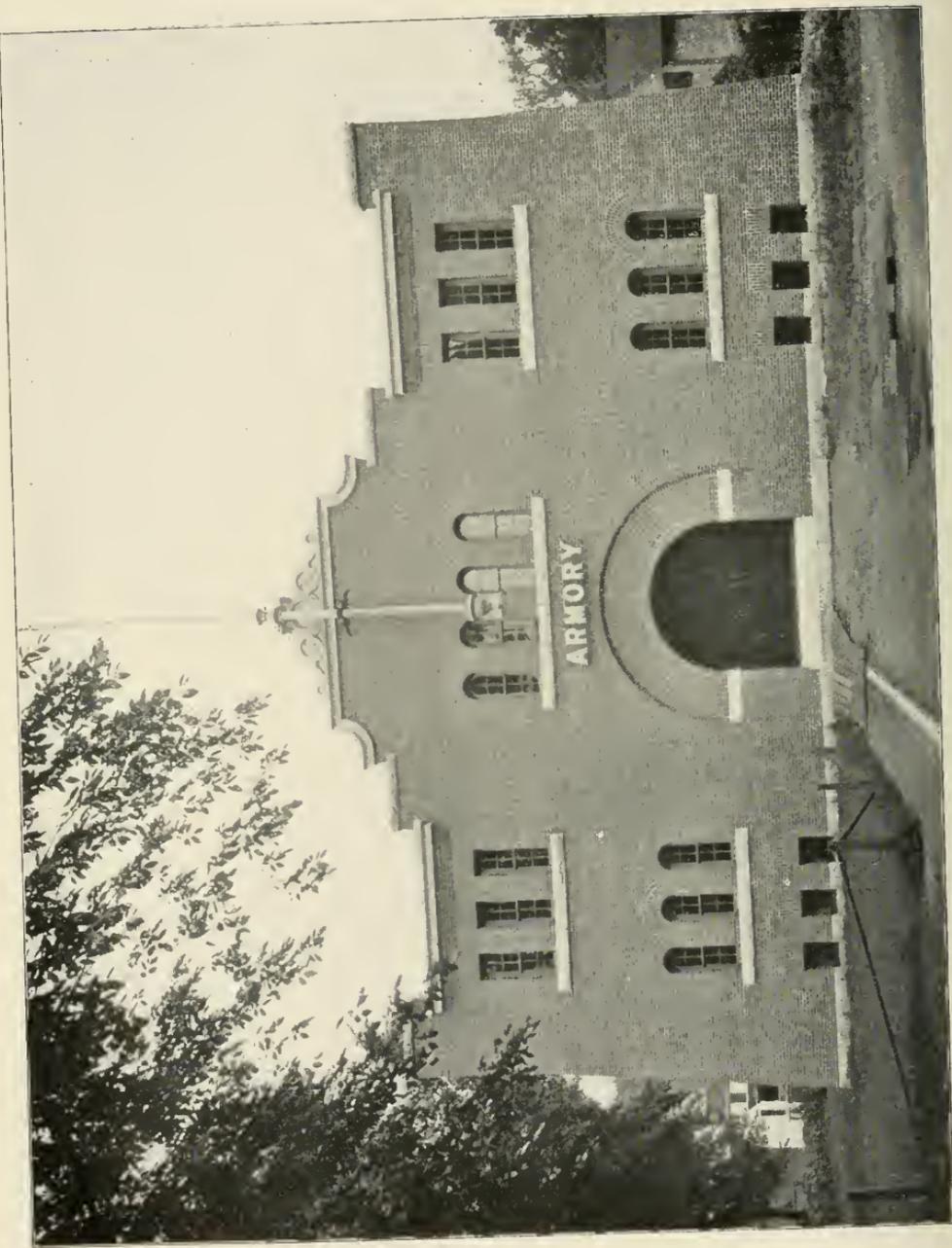
Open to one team of seven from each organization of Infantry.

Distances: 200 and 500 yards, with two sighting and ten shots for record at each range.

Time limit: 8½ minutes at each stage.

Prizes: A first and second team and first and second individual in each regiment.





STATE ARMORY, CONCORD, NEW HAMPSHIRE.

Troop A, Cavalry, entered this match and qualified their team to enter the State Company Team Match.

Teams failing to make 224 points on the 200-yard range were excused from further duty.

Below is a detailed score of the winning teams and individuals, and totals of all teams. The team and individual trophies were won as follows:

FIRST INFANTRY.

	200 yds.	500 yds.	Total.
Company H, Keene.....	291	288	578
Company G, Keene.....	287	253	540
Capt. W. C. Ellis, Co. G, Keene.....	44	45	89
Capt. E. C. Barker, Co. H, Keene.....	46	43	89

SECOND INFANTRY.

	200 yds.	500 yds.	Total.
Company F, Littleton.....	281	302	583
Company K, Laconia.....	266	273	539
Priv. V. H. West, Co. F, Littleton.....	43	45	88
Sergt. F. W. Moore, Co. K, Laconia.....	42	45	87

COMPANY H, FIRST INFANTRY.

	200 yds.	500 yds.	Total.
Capt. E. C. Barker.....	46	43	89
Sergt. F. W. Perham.....	39	45	84
Sergt. J. P. Morse.....	40	37	77
Sergt. N. A. Crosier.....	40	43	83
Lieut. F. J. Thomas.....	44	34	78
Sergt. F. N. Shaw.....	43	44	87
Corp. E. A. Nash.....	39	42	81
	<hr/> 291	<hr/> 288	<hr/> 578

COMPANY G, FIRST INFANTRY.

	200 yds.	500 yds.	Total.
Capt. W. C. Ellis.....	44	45	89
Sergt. A. T. Messer.....	42	41	83
Priv. E. B. Leet.....	38	33	71
Sergt. K. J. Eklund.....	42	40	82
Sergt. B. F. Blvthe.....	41	32	73
Sergt. W. B. Hills.....	40	37	77
Priv. F. M. Farr.....	40	25	65
	<hr/> 287	<hr/> 253	<hr/> 540

	200 yds.	500 yds.	Total.
Company L, Manchester.....	267	266	533
Company F, Manchester.....	254	251	505
Company I, Nashua.....	261	251	502
Company B, Manchester.....	253	238	491
Company D, Milford.....	237	215	452
Company A, Manchester.....	247	192	439
Company E, Nashua.....	237	175	412
Company C, Manchester.....	226	212	338
Company M, Nashua.....	× 222	...	222
Company K, Manchester.....	× 219	...	219

## ADJUTANT-GENERAL'S REPORT.

## COMPANY F, SECOND INFANTRY.

	200 yds.	500 yds.	Total.
Capt. G. H. VanNess.....	38	37	75
Lieut. V. G. West.....	42	41	83
Sergt. E. H. Smith.....	39	46	85
Priv. J. W. Farr.....	41	45	86
Priv. V. H. West.....	43	45	88
Corp. E. J. Young.....	40	45	85
Priv. E. McIver.....	38	43	81
	<hr/>	<hr/>	<hr/>
	281	302	583

## COMPANY K, SECOND INFANTRY.

	200 yds.	500 yds.	Total.
Sergt. G. H. Piper.....	45	42	87
Sergt. A. A. Putney.....	33	35	68
Sergt. F. W. Moore.....	42	45	87
Priv. C. W. Buzzell.....	32	35	67
Sergt. G. H. McMichael.....	34	30	64
Priv. G. R. Bowman.....	41	45	86
Priv. R. Tefft.....	39	41	80
	<hr/>	<hr/>	<hr/>
	266	273	539

	200 yds.	500 yds.	Total.
Company G, Berlin.....	256	281	537
Company C, Concord.....	248	241	489
Company I, Exeter.....	243	226	469
Company E, Concord.....	232	229	461
Company H, Franklin.....	235	217	452
Company H, Franklin.....	224	173	397
Company B, Portsmouth.....	231	89	320
Company A, Dover.....	× 221	...	221
Company M, Newport.....	× 203	...	203
Company D, Claremont.....	...	...	...
Troop A, Cavalry, Peterborough.....	269	263	532

× Failed to qualify on 200-yard range.

WEDNESDAY, SEPTEMBER 16.

## STATE COMPANY TEAM MATCH.

Open to teams making 224 or more points, at each of the distances, in the Regimental Team Company Match.

Distances: 300 and 600 yards, with two sighting and ten shots for record at each range.

Prizes: A team trophy for the first and second team and the first and second individual.

Thirteen teams qualified to enter this competition and firing was commenced on the 300-yard stage, at 8.20 a. m.

Company H, First Infantry, Keene, won the match with a score of 586; Company F, Second Infantry, Littleton, second, with 575 points.

The individual prizes were won by Corporal E. A. Nash, Company H, First Infantry, Keene, with a total of 91; Sergt. J. P. Morse, of the same company, second, with 89 to his credit. The scores were as follows:

## COMPANY H, FIRST INFANTRY.

	300 yds.	600 yds.	Total.
Capt. E. C. Barker.....	46	42	88
Sergt. F. W. Perham.....	43	38	81
Sergt. J. P. Morse.....	46	43	89
Sergt. N. A. Crosier.....	41	36	77
Lieut. F. J. Thomas.....	39	42	81
Sergt. F. N. Shaw.....	40	39	79
Corporal E. A. Nash.....	44	47	91
	299	287	586

## COMPANY F, SECOND INFANTRY.

	300 yds.	600 yds.	Total.
Capt. J. H. Van Ness.....	41	29	70
Lieut. V. G. West.....	42	45	87
Sergt. E. H. Smith.....	41	43	84
Priv. J. W. Farr.....	46	41	87
Priv. V. H. West.....	42	41	83
Corp. E. J. Young.....	42	37	79
Priv. E. McIver.....	43	42	85
	297	278	575

	300 yds.	600 yds.	Total.
Company G, 1st Infantry.....	297	251	548
Company K, 2d Infantry.....	267	266	533
Company F, 1st Infantry.....	267	258	525
Company G, 2d Infantry.....	285	239	524
Troop A, Cavalry.....	275	238	513
Company B, 1st Infantry.....	278	226	504
Company L, 1st Infantry.....	265	220	485
Company I, 1st Infantry.....	259	216	475
Company C, 2d Infantry.....	252	204	456
Company E, 2d Infantry.....	259	182	441
Company I, 2d Infantry.....	278	158	436

## NATIONAL RIFLE ASSOCIATION MATCH.

An individual squadded match, open to any officer or enlisted man, in the New Hampshire National Guard.

Distances: 200, 300 and 500 yards.

Number of shots: Two sighting and ten shots for record at each range.

Prize: A cup presented by the National Rifle Association of America.

This event took place on Tuesday and Wednesday, at such times as range accommodations would permit.

Scores made in the Regimental Company Team and State

Company Team competitions, on the above ranges, were counted in this match.

Capt. E. C. Barker, Company H, First Infantry, Keene, won the cup in the field of 126 competitors, the following being the four highest scores:

	200 yds.	300 yds.	500 yds.	Total.
Capt. E. C. Barker, Co. H, Keene	46	46	43	135
Priv. J. W. Farr, Co. F, Littleton	41	46	45	132
Priv. V. H. West, Co. F, Littleton	43	43	45	131
Capt. W. C. Ellis, Co. G, Keene	44	42	45	131

### THURSDAY, SEPTEMBER 17.

#### REGIMENTAL COMPETITION.

Open to one team of twelve from each regiment of Infantry.

Distances: 1,000 yards, slow fire; 200 yards, rapid fire, and one skirmish run.

Prize: A tri-color to be held by the winning regiment for one year.

This proved to be the hardest fought match ever held in the state, and until the last pair had finished at 1,000 yards it was impossible to name the winning team.

At the completion of the skirmish run, which was the first stage, the Second Regiment team led by a margin of six points, at rapid fire; no change was made in the score, each making a total of 343; while at the 1,000-yard range the First Infantry team gradually overcame the lead of the Second and finished a winner by ten points. The scores were:

#### FIRST INFANTRY.

	Skirmish run.	200 yds., Rapid.	1,000 yds., Slow.	Total.
Capt. C. E. Barker, Co. H.....	55	34	37	126
Sergt. J. P. Morse, Co. H.....	52	29	38	119
Sergt. F. N. Shaw, Co. H.....	42	30	25	97
Corp. E. A. Nash, Co. H.....	35	29	24	88
Priv. F. M. Farr, Co. G.....	41	38	32	111
Sergt. W. B. Hills, Co. G.....	22	29	28	89
Priv. E. B. Leet, Co. G.....	—8	13	18	23
Capt. W. C. Ellis, Co. G.....	54	28	40	122
Sergt. B. F. Blythe, Co. G.....	40	26	19	85
Lieut. C. R. Blake, Co. E.....	48	26	21	95
Capt. M. H. Degnan, Ord. Dept.	27	31	36	94
Priv. G. H. Nason, Co. I.....	57	30	33	120
	<hr/> 465	<hr/> 343	<hr/> 351	<hr/> 1,159

## SECOND INFANTRY.

	Skirmish run.	200 yds., Rapid.	1,000 yds., Slow.	Total.
Sergt. G. H. Piper, Co. K.....	45	34	31	110
Capt. G. H. Van Ness, Co. F....	3	23	25	51
Corp. H. W. Locklin, Co. B....	46	38	37	121
Priv. G. H. Boyman, Co. K....	40	15	28	83
Sergt. A. W. Bronk, Co. G....	36	35	26	97
Sergt. T. Hopkins, Co. G.....	41	14	25	80
Lieut. V. G. West, Co. F.....	52	36	37	125
Priv. V. H. West, Co. F.....	34	37	17	88
Sergt. E. H. Smith, Co. F.....	38	31	18	87
Priv. J. W. Farr, Co. F.....	69	29	35	133
Corp. E. J. Young, Co. F.....	28	24	29	81
Priv. E. McIver, Co. F.....	39	27	27	93
	<hr/> 471	<hr/> 343	<hr/> 335	<hr/> 1,149

## BATTERY-CAVALRY REVOLVER MATCH.

Open to one team of seven from the First Field Battery and Troop A. Cavalry.

Distances: 50 and 75 yards, slow fire, and 25 yards, rapid fire.

Time limit: 20 seconds to each shot in slow fire and 10 seconds to each score of 5 shots in rapid fire.

Prize: A first team and a first and second individual.

The 50-yard stage was shot at 10 a. m., followed by the 75-yard slow and 25-yard rapid fire.

The First Field Battery was high in each of the three stages and won the match by a margin of 254 points. Corp. G. W. Turney and Corp. A. E. Eastman, of the winning team, won the individual prizes, respectfully. Below are the scores:

## FIRST FIELD BATTERY.

	50 yds., Slow.	75 yds., Slow.	25 yds., Rapid.	Total.
Corp. A. E. Eastman.....	80	62	78	220
Corp. G. W. Turney.....	84	76	80	240
Sergt. H. A. Worthen.....	75	61	73	209
Lieut. E. A. Hayes.....	71	60	41	172
Capt. A. Gustafson.....	76	53	83	212
Priv. L. W. Rand.....	58	42	76	176
Priv. J. L. Perkins.....	75	62	75	212
	<hr/> 519	<hr/> 416	<hr/> 506	<hr/> 1,441

## TROOP A. CAVALRY.

	50 yds., Slow.	75 yds., Slow.	25 yds., Rapid.	Total.
Sergt. C. L. Rich.....	67	57	66	190
Corp. G. F. Diamond.....	57	45	70	172
Priv. F. T. Davis.....	75	63	60	198
Corp. A. O. Frost.....	39	21	59	139
Priv. F. C. Mercer.....	51	37	47	135
Priv. E. A. Driscoll.....	54	56	56	166
Musician O. E. Mercer.....	70	58	79	207
	<hr/> 413	<hr/> 337	<hr/> 437	<hr/> 1,187

## ORDNANCE DEPARTMENT.

NEW HAMPSHIRE NATIONAL GUARD,

NASHUA, N. H., June 22, 1910.

*Major-General Harry B. Cilley, The Adjutant-General:*

SIR.—I have the honor to herewith submit the following report of the Department of Rifle Practice for the season of 1909.

The range season, for record practice, opened April 1 and closed October 31.

Range accommodations were the same as in the previous year, no new ranges having been constructed.

During this period 901 officers and enlisted men reported for practice, the 339 who failed to report being from the following organizations: General Staff Departments, 8; First Infantry, Field and Staff, 7; First Battalion, 42; Second Battalion, 40; Third Battalion, 75; Battalion C. A. C., 127; Troop A, Cavalry, 12; and Battery A, Field Artillery, 28.

The per cent. of average strength qualified, with rifle, was 71.88, a decrease of 10.24 from the work of 1908.

Of the officers and enlisted men eligible to shoot the revolver, 38 per cent. qualified as marksmen or better.

The figure of merit attained with rifle was 34.81, as compared with 49.77 in 1908.

The following is the figure of merit of the separate battalions and Troop A, Cavalry:

	1909.	1908.
First Battalion .....	33.42	47.95
Second Battalion .....	39.09	57.81
Third Battalion .....	39.13	59.13
Battalion C. A. C. ....	12.66	36.56
Troop A, Cavalry.....	72.01	50.46

Special mention is due Troop A, Cavalry, for attaining the highest as well as making the greatest gain, in figure of merit, also Companies K and E, First Infantry, for im-

provement shown in their work, and Company L, First Infantry, for qualifying the highest per cent. of its strength.

The decrease in range practice for 1909 was caused by reasons over which this department had no control, it being the lack of funds to promote the work as in former years.

The seasons issue of ammunition was received September 16 and immediately forwarded to the several organizations, previous to which a small allotment had been issued where former issue had been expended.

#### COMPETITIONS.

In accordance with General Orders, No. 18, c. s., A. G. O., dated Concord, July 9, 1909, a camp of instruction, in rifle practice, was established on the Manchester Battalion Rifle Range, at Auburn, N. H., on July 19, at which time the selection of a team to represent the state in the National and Interstate Matches was made.

The team was selected on Wednesday, July 21, following a competitive course whereby the twelve competitors making the highest aggregate scores, together with three officers or enlisted men selected by the chief ordnance officer, composed the team of 1909.

The New England Interstate Matches were held at Wakefield, Mass., July 26 to 31, inclusive, the New Hampshire men reporting on Monday, the twenty-sixth.

The First Corps Cadet Match, open to teams of five from any company, troop or battery unit, distances 200 and 500 yards, slow fire, was won by Company A, Sixth Massachusetts. Company H, First Infantry, of Keene, was the only New Hampshire team entered, finishing in ninth place, with fifteen teams competing.

The team from Company H also entered the State of Maine Match, which was shot under the same conditions and distances, excepting that the winning teams in previous match were debarred.

In this there were nine entries, Company H team finish-

ing in second place, four points less than Company C, Fifth Massachusetts, the winner and sixteen points above its nearest competitor.

The Regimental Match, open to teams of six from any regimental or battalion organization, distances 200 yards rapid fire and 600 yards slow fire, had ten entries.

This match was won by the Second Connecticut; the Sixth Massachusetts, second; and the First New Hampshire, third. On the 600-yard range, under the most unfavorable weather conditions, the New Hampshire team averaged 46 points out of a possible 50, being excelled by only one point by the Sixth Massachusetts.

#### NEW ENGLAND INTERSTATE MATCH.

Open to teams of twelve from each of the New England States, conditions and distances the same as in the National Match, for the current year. The states represented with their scores were:

	Yards	200	600	800	1,000	Rapid 200	Skirmish.	Total.
Massachusetts . . . .		529	540	543	494	436	1,066	3,608
Maine . . . . .		504	540	550	474	420	1,032	3,525
New Hampshire . . . .		505	532	547	443	400	1,047	3,474
Connecticut . . . . .		509	514	532	441	401	1,040	3,437
Rhode Island . . . . .		476	464	480	456	406	962	3,246

In all team and individual matches during the meet, the Granite State men showed themselves well up in the art of rifle shooting with the best marksmen from the other states, their only weakness being from lack of team practice previous to these competitions.

General Orders, No. 19, A. G. O., dated Concord, August 4, 1909, countermanding paragraph 1 of General Orders, No. 18, e. s. A. G. O., dated Concord, July 9, 1909, relating to the participation of the New Hampshire Rifle Team, in the National Matches, at Camp Perry, Ohio, was received with much regret among the expert riflemen of the state and with the announcement that the state competitions for 1909 would be dispensed with, the interest in range practice could

not be maintained, as in former years when these competitive events were held, or taken part in.

#### SUGGESTIONS AND RECOMMENDATIONS.

I again recommend that a competent officer or officers be instructed to inspect every range in the state used by the National Guard, with authority to approve or disapprove the use of any or all ranges, said officer or officers to require such repairs and changes to be made as in their opinion are necessary, previous to its further use for range practice. The officer or officers so detailed to make a report to The Adjutant-General, of the condition and ownership of each range, distances available, number of targets, distance from armory, means of transportation and a description of the construction of the butts and backstops.

I would also recommend that competent officers or state team men be detailed on the several ranges, on certain days throughout the season, to act as instructors and impart such knowledge as may be required to improve the efficiency of the guard in marksmanship.

I would suggest that consideration be given the allowing of a certain allotment annually, from the federal or state appropriation, for the purchase (or part purchase), equipment and maintenance of rifle ranges throughout the state whereby in a few years the entire guard would have available, up-to-date ranges.

I desire to extend my thanks to all officers and enlisted men for the many courtesies and assistance rendered me during the past season.

Very respectfully,

ARTHUR F. CUMMINGS,

*Major and Chief Ordnance Officer, N. H. N. G.*

CONSOLIDATED REPORT OF TARGET FIRING OF THE N. H. N. G., FOR THE SEASON  
OF 1909.

ORGANIZATIONS.	RIFLE CLASSIFICATIONS.										REVOLVER CLASSIFICATIONS.				FIGURE OF MERIT.		
	Company.	Average strength.	Per cent. qualified.	Experts.	Sharpshooters.	Marksmen.	First Class Marksmen.	Second Class Marksmen.	Third Class Marksmen.	Fourth Class Marksmen.	Number on roll.	Number firing.	Experts.	Sharpshooters.	Marksmen.	1909.	1908.
																Rifle.	Rifle.
Adjutant-General's Dept.																100,000	110,000
Inspector-General's Dept.			50.00	1						1						50,000	50,000
Judge Advocate General's Dept.																37,500	37,500
Quartermaster's Dept.			75.00	1	2					1	1	1				100,000	100,000
Subsistence Dept.			75.00	3						1	4	3	2			150,000	130,000
Pay Dept.			50.00							1	2				5,000	75,000	
Medical Dept., including Hospital Corps*											37	2	2			100,000	100,000
Ordnance Dept.			100.00	2							10					200,000	100,000
Signal Corps*																	
FIRST INFANTRY.																	
Field and Staff		8	12.00	1							7					25,000	40,000
FIRST BATTALION.																	
Commander and Staff		4									4					18,000	5,000
Company A		66	89.39	1	5			53		7	3				33,91	37,74	
Company B		69	88.40	6	1			49		8	3				40,07	62,50	
Company C		67	86.56	7	1	3		41		9	3				40,07	64,92	
Company F		61	78.12	4	19			27		11	3				43,28	23,30	
Company K																	
Total First Battalion		270	81.44	11	6	31	1	170		42	16				33,42	47,95	

SECOND BATTALION.													
Commander and Staff.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75.00	
Company D.....	64	90.62	2	1	2	.....	53	4	4	.....	.....	26.56	
Company E.....	62	93.54	2	1	2	5	50	4	3	.....	.....	36.29	
Company G.....	61	78.68	10	2	2	1	26	13	3	.....	1	80.61	
Company H.....	70	81.42	9	.....	24	.....	24	13	3	.....	.....	82.26	
Total Second Battalion.....	261	81.67	21	3	35	3	6	153	40	16	2	39.09	57.91
THIRD BATTALION.													
Commander and Staff.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	100.00	
Company C.....	62	48.38	1	.....	2	.....	.....	26	1	3	2	12.25	44.43
Company F.....	60	78.33	.....	23	23	.....	24	13	2	.....	.....	42.33	42.31
Company L.....	65	55.38	5	.....	17	.....	40	3	3	2	2	47.69	72.23
Company M.....	69	62.31	.....	.....	32	1	10	26	3	3	.....	48.91	81.37
Total Third Battalion.....	260	71.15	6	2	76	1	.....	100	75	15	8	39.13	59.35
BATTALION C. A. C.													
Company 1st.....	60	8.33	2	.....	.....	.....	.....	3	55	3	2	7.16	23.73
Company 2d.....	62	77.41	3	1	5	.....	39	14	3	.....	.....	26.45	48.14
Company 3d.....	52	13.47	.....	.....	.....	.....	7	45	3	1	.....	1.31	37.53
Company 4th.....	53	75.17	.....	.....	3	1	.....	36	13	3	.....	13.86	37.01
Total C. A. C. Battalion.....	227	44.65	5	1	8	1	.....	85	127	12	6	12.66	36.56
Troop A Cavalry.....	62	80.64	15	3	7	1	.....	24	12	62	17	72.01	50.46
Battery A, First Field Artillery†.....	131	79.16	.....	.....	.....	.....	.....	.....	.....	131	106	.....	.....
Total N. H. S. G.....	1287	71.88	68	16	162	7	9	533	311	328	155	34.81	50.97

\* Not armed.

† Armed with revolver.

Figure of merit, 1903, 18.89.  
 Figure of merit, 1904, 26.86.  
 Figure of merit, 1905, 28.72.  
 Figure of merit, 1906, 39.45.  
 Figure of merit, 1907, 49.23.  
 Figure of merit, 1908, 49.77.  
 Figure of merit, 1909, 34.81.



MEDICAL DEPARTMENT.

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APPENDIX C.



# MEDICAL DEPARTMENT REPORTS.

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MEDICAL DEPARTMENT,

NEW HAMPSHIRE NATIONAL GUARD.

MANCHESTER, September 18, 1908.

*General G. Kimball, Surgeon-General, Medical Department,  
N. H. N. G., Concord, N. H.:*

SIR,—I would have the honor to respectfully report to you in regard to the camp at Lake Massabesic Rifle Range.

I personally inspected said camp and found that the sinks for about two hundred men were not safe for their use. I ordered the small sink on grounds back of buildings closed, and closed same. I ordered the sinks in use at the Ed. Stone place closed, and closed same. I found an old sink back in the woods, which had been constructed several years past, but seldom used, opened and plenty of chloride of lime was put in said sink. I ordered signs posted from rifle range to said sink and lights at night to direct the men to same. I notified all officers in charge of said conditions and requested that they order their men to use same as a sink.

My orders were carried out satisfactory. I opened a hospital tent, and one man of the Hospital Corps was in charge night and day (a red light at the tent pole at night). We treated about twenty cases during camp. I ordered Sergeant Brice, of the Hospital Corps, to be on duty, and one other man, Sergeant Leckie, gave his services free for two days. It was my desire to give the men in camp proper protection and service. I believe that they received same.

I submit this report for your consideration.

Respectfully your obedient servant,

MAJOR N. B. WEBBER,

*Surgeon, Medical Department.*

MANCHESTER, N. H., August 29, 1909.

*To The Adjutant-General, N. H. N. G., Concord, N. H.,  
through General George Kimball, Surgeon-General  
Medical Department, N. H. N. G., Concord, N. H.:*

SIR,—I have the honor to respectfully state that my duty at the Camp of Instruction, Antietam, Md., from July 29 to August 10, impressed me as very important.

That I was especially impressed with the thoroughly unique and exceptionally valuable character of the instruction and I would state that all of the officers at the school appreciated this instruction to such an extent that they elected a committee consisting of the superior officers from each state there represented to draw up resolutions in regard to this course of instruction. The resolutions I will forward in a few days.

I would kindly say that the officers of instruction treated us with the greatest of courtesy, that they were always anxious to give us any information which we might desire, and often spent hours after lectures advising the school in regard to the subject of their different lectures. And our appreciation for this kindness is shown by the resolutions which we of the second class of instruction sent to the War Department. I am

Appreciatively,

N. B. WEBBER,

*Major, Medical Department, N. H. N. G.*

MANCHESTER, N. H.

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*The Surgeon-General, Medical Department, N. H. N. G.,  
Concord, N. H.:*

SIR,—I have the honor to report to your office the enclosed papers which consist of the Schedule of Instruction of Militia Medical Officers.

The resolutions drawn up by a committee elected by the superior officers of each state represented at said mentioned camp, these papers I send through your office to The Adjutant-General's office. I am

Very respectfully,

N. B. WEBBER,

*Major, Medical Department, N. H. N. G.*

WHEREAS, We, the undersigned medical officers of the National Guards of Pennsylvania, Georgia, Virginia, West Virginia, Maryland, New Hampshire, Florida, Delaware and District of Columbia, constituting the second class of the United States Camp of Instruction, at Antietam, Maryland, July 28 to August 11, 1909, have been strongly impressed with the thoroughly unique and exceptionally valuable character of the instruction during this tour of duty, and

WHEREAS, We are convinced that it is only in this manner that medical officers can gain any adequate grasp of actual field service as exemplified in the following demonstration at this camp, viz.:

1. Familiarity with the field equipment allowed by regulations, and with the most important paper work required.

2. Demonstration of actual conditions in the medical administration of troops in the field.

3. Demonstration by practical problems in the field, of medico-military tactics whereby the necessarily limited medical force of an army can best co-ordinate the work of the different organizations, give early aid to the injured, and remove the wounded as quickly as possible.

4. Sanitation in the field whereby the fighting force may be maintained at its fullest efficiency by preventive measures.

5. Operation of ambulance companies and field hospitals as distinct entities but quickly articulated links in the medical service of the front, and

WHEREAS, Finally, our instruction has been given under conditions of unflinching courtesy and constant helpfulness on the part of the regular army officers, therefore be it

*Resolved.* That we extend to the said regular officers our hearty thanks, and that we respectfully urge upon our senior medical officers in their reports to their various adjutants-general to describe in detail the type of instruction in this camp, and to advocate strongly the annual institution of this tour of duty for medical officers.

COMMITTEE.

R. W. Montelius, Major, N. G., Pennsylvania.

Martin Cooley, Captain, N. G., Georgia.

J. E. Robins, Captain, N. G., West Virginia.

This at Camp of Instruction, Antietam Battlefield, Sharpsburg, Maryland, August 7, 1909.

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FIELD HOSPITAL, NO. 6, U. S. ARMY, SHARPSBURG,  
MARYLAND.

July 15, 1909.

SCHEDULE OF INSTRUCTION OF MILITIA MEDICAL OFFICERS.

Hospital Corps Drill and First Aid, daily except Saturday and Sunday.....	7.30 A. M.
Military Hygiene, four days a week.....	8.15 A. M.
The Medical Corps in Campaign, four days a week .....	9.00 A. M.
Administration, four days a week.....	10.00 A. M.
Practical Field Work, one whole day a week, also four hours a week.....	4 P. M.

LIEUTENANT-COLONEL,

MEDICAL CORPS, U. S. ARMY.

*Senior Instructor.*

*Indorsement.*

STATE OF NEW HAMPSHIRE,  
ADJUTANT-GENERAL'S OFFICE,  
CONCORD, October 11, 1909.

Respectfully referred to The Adjutant-General.

Approved.

GEORGE M. KIMBALL,  
*Surgeon-General.*

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MEDICAL DEPARTMENT,  
NEW HAMPSHIRE NATIONAL GUARD,  
CONCORD, N. H., July 30, 1910.

*Gen. George M. Kimball. The Surgeon-General:*

SIR.—In reply to yours of July 22, I have the honor to state that in my opinion the Medical Department, N. H. N. G., has made satisfactory progress during the past year and although still far from the standard set by the regular service, we are rapidly becoming more proficient. Those officers of our department who were privileged to attend the camp at Antietam received a large amount of instruction and information and realize more than ever that it takes more than a commission to make a medical officer out of a civilian physician or surgeon.

In my own Hospital Corps detachment there have been a number of discharges due to removal from the city and some of them so recently that I shall be more or less handicapped by having to send some almost raw recruits to the coming camps.

Our equipment is in good condition and we have received

during the past year new litters, an emergency case for the first sergeant, the detached service chest, hospital guidons, and the dress uniform. Requisitions are in for the olive drab uniform and we expect to receive them before camp. Orders, manuals and books are better furnished to the Medical Department than ever before.

Inspection this year was by a U. S. A. medical officer, and though more thorough than ever before, was for that same reason of more value to both officers and men.

I trust that the quota for each detachment of Hospital Corps will soon be increased to conform with regulations as it would mean more interest and a much better appearance at all ceremonies.

Our locker arrangements are at present inadequate, and when the olive drabs are issued it will be impossible to keep our equipment in them.

Very respectfully submitted, your obedient servant,

RUSSELL WILKINS,

*Captain, Medical Department, N. H. N. G.*

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MEDICAL DEPARTMENT,

NEW HAMPSHIRE NATIONAL GUARD,

MANCHESTER, August 25, 1910.

*Gen. George M. Kimball, Surgeon-General:*

Your letter in regard to a report for last year was received upon my return from my vacation.

In reply would say that during the last year instruction has been given in camp sanitation and in personal hygiene and the extreme importance of observance of personal cleanliness and cleanliness about tents, mess-house, sinks, etc., impressed upon the men.

Instruction in first aid is being given also. The battery to which I am detailed is recruited up to nearly full strength, and in this recruiting I have endeavored to take only men who fulfil U. S. Army requirements. The average age of the men is between twenty-one and twenty-two, and they are all intelligent appearing and should make good men in the service.

In regard to suggestions for increasing the efficiency of the department, I have none to make at this time. I believe that under the present system the department is increasing in efficiency each year. There is one suggestion applying especially to my own detail, however, I should like to make. I believe the efficiency of the medical detail with the battery could be much increased if the men could be mounted, as it is rather difficult for an unmounted detail to keep pace with a mounted organization. I have spoken to The Adjutant-General in regard to this matter but received no encouragement.

Yours truly,

DAVID W. PARKER,  
*First Lieutenant and Surgeon.*



REGISTER OF OFFICERS.

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APPENDIX D.

## REGISTER.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
<i>Governor and Commander-in-Chief.</i> Henry B. Quinby, Laconia, January 7, 1861.	A. D. C. Gov. Straw's Staff, 6 June, 1872.	.....	Biddeford, Me.	Degree of M. D. Bowdoin College, Me.
<i>Staff of Commander-in-Chief.</i>				
<i>The Adjutant-General</i> (rank Major-General). Harry B. Cilley, Concord, January 3, 1867, re-com. January 7, 1869.	3d regt., com. sergt., 12 Sept., 1882; 1st lt. and T. q. m., 21 May, 1884; maj. and I. T. p., 10 May, 1889; res., 28 Jan., 1891; maj. and a. i. g., 27 Feb., 1891; lt.-col. and a. a. g. 1st brig., 10 May, 1894; res., 19 Feb., 1899.	6th bat. D. C. N. G., 1st lt. and adj., 2 Nov., 1891; 2d regt., D. C. N. G., capt. and regt l. adjt., 12 Dec., 1891; res., 27 Jan., 1894.	Manchester.	
<i>Aides-de-camp</i> (rank Colonel). Elmer S. Tilton, January 7, 1869. Isaac Van Horn, January 7, 1869. W. Robinson Brown, January 7, 1869.	.....	.....	Gilford. Buck's Co., Pa. .....	

George B. Leighton, Dublin, January 7, 1909.	.....	.....	St. Louis, Mo.
Reginald C. Stevenson, Exeter, January 7, 1909.	.....	.....	Brooklyn, N. Y.
Richard C. Goodell, Antrim, January 7, 1909.	.....	.....	Antrim.
Arthur J. Pierce, Bennington, January 7, 1909.	.....	M. V. M., 1st Corps Cadets, Co. A, priv., 1897-1898; res. to go to Philippines.	Milton, Mass.
Charles C. Goss, Dover, January 7, 1909.	.....	.....	Epsom.
<i>General Staff.</i>			
<i>Adjutant-General's Department</i> <i>The Adjutant-General.</i>	.....	.....	.....
Harry B. Gilley, Maj.-Gen., Concord, January 3, 1907.	See Staff of Commander-in-Chief.	.....	Manchester.
<i>Adjutant-General</i> <i>(rank Major).</i>	.....	.....	.....
Charles W. Howard, Nashua, December 1, 1907.	2d regt., K., priv., 17 March, 1891; 2d lt., 18 March, 1891; 1st lt., 25 Feb., 1892; res., 21 March, 1893; 3d regt., adjt., 13 Sept., 1894; lt.-col. and a. a. g., 7 March, 1899.	.....	Nashua. Nashua High School.

REGISTER—GENERAL STAFF.—Continued.

Name, Address, Rank and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
<p><i>The Inspector-General's Dept.</i>  <i>Inspector-General</i>                      (rank <i>Brigadier-General</i>),                      William Sullivan, Manchester,                      January 3, 1907. Maj.-Gen. by                      brevet June 25, 1907.</p>	<p>1st regt., B., priv., 11 July, 1882; corp., 31                      March, 1888; 2d lt., 28 May, 1888; 1st                      lt., 30 Aug., 1890; capt., 19 May, 1891;                      re-commissioned, 19 May, 1899; res.,                      30 Oct., 1899; 1st regt., B., capt., 1 June,                      1901; lt.-col., 4 Feb., 1902; col., 5 May,                      1903.</p>	<p>1st N. H. Vols., capt., 7 May,                      1898; mustered out, 31 Oct.,                      1898; 26th Infantry U. S. Vols.,                      1st lt., 15 July, 1899; mustered                      out, 13 May, 1901.</p>	<p>Ireland.</p>	
<p><i>Inspector-General</i>                      (rank <i>Major</i>),                      Arthur J. Pierce, Col. and A. D. C.,                      Aetg., Feb. 16, 1910.</p>	<p>See Staff of Commander-in-Chief.</p>	<p>.....</p>	<p>.....</p>	
<p><i>The Judge Advocate-General's</i>  <i>Department.</i>  <i>Judge Advocate-General</i>                      (rank <i>Brigadier-General</i>),                      Charles J. Hamblett, Nashua,                      January 3, 1907.</p>	<p>.....</p>	<p>Lyndeborough Arty., 5 years.</p>	<p>Nashua.</p>	



## REGISTER—GENERAL STAFF.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
The Adjutant-General <i>ex officio</i> , acting Commissary-General (in time of peace). <i>Commissary (rank Major)</i> .				
Ross L. Piper, Laconia, April 27, 1909.	3d regt., K, priv., 24 Sept., 1895; corp., 6 March, 1896; sergt., 29 Jan., 1898; capt., 9 June, 1907; major, 29 April, 1904.	1st N. H. Vols., sergt., 7 May, 1898; 4. m. sergt., 7 Oct., 1898; mustered out, 31 Oct., 1898.	Laconia.	Laconia High School.
<i>The Medical Department.</i> <i>Surgeon General</i> <i>(rank Brigadier-General)</i> .				
George M. Kimball, Concord, January 3, 1907.			Dardanelle, Ark.	M. D., Harvard, 1884.
<i>Surgeons.</i> <i>(rank Major)</i> .				
Norman B. Webber, Manchester, December 11, 1907.		Vt. N. G., priv., 3 yrs., Burlington Cadets, priv.; 2 years. Examining Surgeon, U. S. Marine Corps and Post examining surgeon for the Army.	Theford Centre, Vt.	University of Vt., 4 years. Vt. Med. College, 1903.

<i>Assistant Surgeons</i> (rank <i>Captain</i> ).				
Russell Wilkins, Concord, January 30, 1906.	1st N. H. Vols., 1st Lt. and asst. surg., 19 Oct., 1898; mustered out, 31 Oct., 1898.	Amesbury, Mass.		
Auguste Guertin, Nashua, December 11, 1907.	.....	St. Hyacinthe, P. Q.		3 yrs. in College St. Hyacinthe, Laval University, Montreal, 1892.
<i>Assistant Surgeons</i> (rank <i>1st Lieutenants</i> ).				
Bertell J. Talbot, Peterborough, May 15, 1905.	Troop A, Cav., priv., 11 May, 1901.	Milford.		
David W. Parker, Manchester, December 11, 1907.	.....	Goffstown.		Harvard Medical School, 1903.
Vacancy.	.....	.....		
George V. Fiske, Manchester, January 25, 1910.	1 yrs. Prop. School, Coes North- wood Academy. 1 yr. Vt. Med. School. 1 yr. Portland summer school	Epsom.		Maine Medical School, 1909.

## REGISTER—GENERAL STAFF.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
<p><i>The Pay Department</i>  <i>Paymaster-General,</i>            acting Paymaster-General.  <i>Paymasters</i>  <i>(rank Captain).</i>            Winfred D. Davis, Manchester,            June 14, 1907.</p>	<p>1st regt., capt. and i. r. p., 21 May, 1903.</p>	<p>8th Mass. Inftry, U. S. V., 28 April, 1898, to 28 April, 1899.</p>	<p>Sutton.</p>	
<p>Omar S. Swenson, Concord,            March 27, 1907.</p>	<p>3rd regt. E. priv., 1896; n. c. s., sergt.-maj., 25 Nov., 1904.</p>	<p>1st N. H. Vols., corp., 7 May, 1898; mustered out, 31 Oct., 1898.</p>	<p>Concord.</p>	
<p><i>The Ordnance Department,</i>  <i>Chief of Ordnance,</i>            The Adjutant-General <i>ex officio,</i>            acting Chief of Ordnance.  <i>Ordnance Officers.</i></p>	<p>2d regt., K, priv., 17 March, 1891; sergt., 17 March, 1892; disch., 11 June, 1898; 1st regt., q. m. sergt., 15 May, 1899; q. m. 16 May, 1903.</p>	<p>.....</p>	<p>Concord.</p>	<p>Nashua High School.</p>
<p>Arthur F. Cummings, Major,            Nashua, March 14, 1904,            re-com. March 14, 1909.</p>	<p>2d regt., I, priv., 3 Dec., 1885; corp., 17 Mar., 1888; sergt., 9 June, 1892; 1st sergt., 2 Oct., 1894; 2d lt., 13 Feb., 1895; 1st lt., 20 Nov., 1896; 1st regt., I, priv., 15 May, 1900.</p>	<p>.....</p>	<p>Nashua.</p>	
<p>Michael H. Degnan, Captain,            Nashua, June 14, 1907.</p>				

*Signal Corps.*

<p><i>First Lieutenant.</i> George C. Jenks, Nashua, March 6, 1908.</p>	<p>Sig. corps, priv., 29 April, 1905; disch., 20 Feb., 1908.</p>	<p>.....</p>	<p>Goffstown.</p>
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*First Regiment Infantry.*

<p><i>Colonel.</i> Paul F. Babbridge, Keene, April 27, 1900.</p>	<p>24 regt., II, priv., 10 Dec., 1888; sergt., 25 Dec., 1889; color sergt., April, 1890; 1st sergt., 20 Oct., 1890; 2d lt., 8 June, 1892; 1st lt., 18 April, 1894; capt., 31 May, 1895; res., 21 Feb., 1899; maj. and a. l. g., 30 March, 1899; res., 7 March, 1901; maj., 3 Nov., 1903; retired 13 Feb., 1909.</p>	<p>1st regt., Maine V., M. K. corp., sergt., 4 yrs.; 1st N. H. Vols., capt., 7 May, 1898; mustered out, 31 Oct., 1898.</p>	<p>Millford, Me.</p>
<p>Harley B. Roby, Concord, April 27, 1900.</p>	<p>1st brig., D. C. staff, sergt.-major, 11 May, 1886; 3d regt. C, 1st lt., 16 Sept., 1889; res., 26 Dec., 1890; 1st lt. and l. t. p., 13 May, 1896; 1st lt. and adjt., 20 March, 1900; capt. and adjt., 8 March, 1901; maj., 16 Jan., 1906.</p>	<p>.....</p>	<p>Concord.</p>

## REGISTER—FIRST REGIMENT INFANTRY.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
<i>Majors.</i>				
Michael J. Healey, Manchester, April 27, 1909; bat. lt.-col., June 15, 1910.	1st regt., K. priv., 19 April, 1887; disch., 27 June, 1891; re-enl. subd. co., 28 June, 1891; 2d lt., 6 March, 1895; 1st lt., 18 Sept., 1896; capt., 8 July, 1898; major, 3 NOV., 1905.	.....	Ireland.	
William E. Sullivan, Nashua, April 27, 1909.	1st regt., I. priv., 11 May, 1901; corp., 11 June, 1902; sergt., 15 Feb., 1904; capt., 28 May, 1905.	.....	Nashua.	Nashua High School.
Oscar P. Cole, Berlin, April 27, 1909.	2d regt., G. capt., 19 April, 1906.	31st Mich. Vol. Infly., corp., 26 Apr., 1898; disch., 12 Oct., 1898.	Berlin.	
<i>Adjutant (rank Captain).</i>				
Walter C. Ellis, Keene, April 27, 1909.	2d regt., G. priv., 28 May, 1891; corp., 6 May, 1898; sergt., 11 June, 1900; 2d lt., 7 Jan., 1902; 1st lt., 11 March, 1904; capt., 20 May, 1907.	1st N. H. Vols., corp., 11 May, 1898; mustered out, 31 Oct., 1898.	Keene.	
<i>Quartermaster (rank Captain).</i>				
John P. Flanagan, Keene, April 27, 1909.	2d regt., H. priv., 28 Sept., 1885; corp., 20 Oct., 1890; sergt., 9 June, 1892; 1st sergt., 20 Jan., 1898; 2d lt., 7 May, 1898; res., 19 Jan., 1899; 1st regt., capt. and paymaster, 13 May, 1899; battl. adjt., 24 May, 1907; retired, 13 Feb., 1909.	1st N. H. Vols., 2d lt., 11 May, 1898; mustered out, 31 Oct., 1898.	Ireland.	

<p><i>Commissary</i> (rank Captain).</p> <p>Albert A. Blakeley, Manchester, May 20, 1908.</p>	<p>1st regt., F, priv., 5 Dec., 1895; corp., 14 April, 1897; sergt., 1 May, 1899; 1st sergt., 10 Mar., 1902; q. m. sergt., U. C. S., 21 March, 1905.</p>	<p>.....</p>	<p>Suncook.</p>
<p><i>Battalion Adjutants</i> (rank 1st Lieutenants).</p> <p>Arthur E. Tinkham, Manchester, May 24, 1907.</p>	<p>1st regt., E, priv., 24 April, 1894; disch., 15 May, 1895; 1st regt., F, priv., 5 Dec., 1896; sergt.; 2d lt., 18 March, 1901; 1st lt., 11 March, 1902; res., 13 Jan., 1906.</p>	<p>.....</p>	<p>(trafton.</p>
<p>Stanley D. Nolson, Nashua, April 27, 1909.</p>	<p>2d regt., K, priv., 6 June, 1896; corp., 1 May, 1897; sergt., 16 Nov., 1898; 1st sergt.; 2d lt., 22 Feb., 1904; 1st lt., 14 April, 1907.</p>	<p>.....</p>	<p>Nashua.</p>
<p>Charles P. Barnum, Littleton, April 27, 1909.</p>	<p>2d regt., F, priv., 11 Oct., 1901; sergt., 30 Oct., 1901; 2d lt., 22 May, 1905; 1st lt. and battl. adjt., 1 June, 1907.</p>	<p>.....</p>	<p>Ashland, Mass.</p>
<p><i>Battalion Quartermasters and Commissaries</i> (rank 2d Lieutenants).</p> <p>James J. Shea, Manchester, April 27, 1909.</p>	<p>1st regt., F, priv., 30 April, 1902; corp., 2 March, 1903; sergt., 28 March, 1905; bat. sergt. maj.; U. C. S., 29 May, 1907; 2d lieut. and battl. q. m. and com. 20 May, 1908.</p>	<p>.....</p>	<p>Manchester.</p>

## REGISTER—FIRST REGIMENT INFANTRY.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
Martin O. Quinn, Keene, April 27, 1909.	2d regt., G., priv., 1897; disch., 1901; 1st regt., G., priv., 11 May, 1901; corp., 29 April, 1901; sergt., 30 Dec., 1901; bat. sergt. maj., U. S., 29 May, 1907; 2d R., battl. adjt., 29 May, 1908.	1st N. H. Vols., priv., 11 May, 1898; mustered out, 31 Oct., 1898.	Keene.	
Frank H. Fowler, Concord, April 27, 1909.	2d regt., E., priv., 23 April, 1903; tr. to C., 24 May, 1904; corp., 23 Feb., 1905; sergt., 16 June, 1905; 2d R., battl. q. m. and com., 30 Nov., 1907.	.....	Concord.	
<i>Captain</i> (rank <i>Captain</i> ).	.....	.....	Malden, Mass.	
John Vannevar, Concord, August 28, 1899.	.....	.....		
COMPANY A.—Manchester.				
<i>Captain</i> .				
Frank Giguere, Manchester, April 30, 1906.	1st regt., H., priv., 14 Sept., 1892; corp., 24 May, 1894; sergt., 24 Jan., 1898; 2d R., 31 March, 1898; 1st R., 12 April, 1900; Co-com., 12 April, 1905.	.....	St. Boniface, Canada.	
Achille Bouchard, Manchester, April 30, 1906.	1st regt., H., priv., 14 Sept., 1892; corp., 16 Sept., 1894; sergt., 8 May, 1897; 2d R., 1 Dec., 1902.	.....	Riviere du Loup, Canada.	

<i>Second Lieutenant.</i>	Notre Dame du Portage, Canada.	.....
Sylvio Laclere, Manchester, April 30, 1906.	1st regt., H, priv., 27 April, 1894; corp., 8 May, 1897; sergt., 20 May, 1898.	.....
COMPANY B—Manchester.	Ireland.	.....
<i>Captain.</i>	Manchester.	.....
Michael Clougherty, Manchester, November 25, 1907.	1st regt., B, priv., 1 March, 1901; corp., 3 Jan., 1904; 1st lt., 10 May, 1905.	.....
<i>First Lieutenant.</i>	Manchester.	.....
Edward J. Kelley, Manchester, November 25, 1907.	1st regt., B, priv., 28 April, 1902.	.....
<i>Second Lieutenant.</i>	Manchester.	.....
Thomas J. Conway, Manchester, November 25, 1907.	1st regt., B, priv., 31 March, 1904.	.....
COMPANY C—Concord.	East Concord.	.....
<i>Captain.</i>	Dorchester.	.....
Albert W. Spaulding, Concord, January 16, 1904.	2d regt., C, priv., 15 May, 1901; corp., 15 May, 1902; sergt., 3 March, 1903; 1st sergt.	.....
<i>First Lieutenant.</i>	Canada.	.....
George A. Hadley, Concord, March 2, 1910.	2d regt., C, priv., 26 Jan., 1901; corp., 25 April, 1901; sergt., 23 Feb., 1905; 4. m. sergt., 26 April, 1905; 2d lt., 12 June, 1905.	.....
<i>Second Lieutenant.</i>	Concord.	.....
Thomas Riley, Concord, March 2, 1910.	2d regt., C, priv., 23 Jan., 1902; corp., 13 April, 1904; sergt., 20 June 1904.	.....

## REGISTER—FIRST REGIMENT INFANTRY.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
COMPANY D—Nashua.				
<i>Captain.</i>				
Charles R. Blake, Nashua, February 3, 1909.	2d regt., C, priv., 19 April, 1899; corp., 3 May, 1899; sergt., 10 April, 1900; 1st lt., 30 Jan., 1904.		Nashua.	Nashua High School.
<i>First Lieutenant.</i>				
Nelson Gendron, Nashua, February 3, 1909.	1st regt., E, priv., 22 March, 1900; corp., 7 March, 1901; sergt., 14 June, 1905.		Canada.	
<i>Second Lieutenant.</i>				
Alfred F. Gravelle, Nashua, January 19, 1909.	1st regt., E, priv., 30 April, 1907; corp., 14 Feb., 1908.	1st N. H. Vols., priv., 10 May, 1898; mustered out, 31 Oct., 1898.	Nashua.	
COMPANY E—Concord.				
<i>Captain.</i>				
Stephen E. Hall, Concord, January 7, 1910.	3d regt., C, priv., 31 March, 1899; 2d lt., 18 May, 1904; 1st lt., 12 June, 1905.		Concord.	Concord High School.
<i>First Lieutenant.</i>				
Otis G. Hammond, Concord, April 19, 1910.	3d regt., E, priv., 14 April, 1899; 1st sergt., 7 May, 1899; 2d lt., 16 May, 1899; 1st lt., 28 Dec., 1894; capt., 23 May, 1895; res., 27 Feb., 1899; 1st regt., E, priv., 24 Feb., 1910.	1st N. H. Vols., capt., 7 May, 1898; res., 28 June, 1898.	Manchester.	Concord High School.

<p><i>Second Lieutenant.</i> Charles H. Colby, Concord, April 19, 1910.</p>	<p>2d regt., E, priv., 27 Jan., 1902; corp., 23 Feb., 1905; sergt., 11 May, 1907.</p>	<p>Antrim.</p>
<p>COMPANY F—Manchester.</p>		
<p><i>Captain.</i> Eugene T. Sherburne, Manchester, March 11, 1902; re-commissioned March 11, 1907.</p>	<p>1st regt., E, priv., 29 April, 1894; disch., 15 May, 1895; 1st regt., F, 1st lt., 31 Jan., 1896; re-commissioned, 31 Jan., 1901.</p>	<p>Manchester.</p>
<p><i>First Lieutenant.</i> Thomas F. Dalton, Manchester, April 30, 1906.</p>	<p>1st regt., K, priv., 7 Sept., 1887; disch., 10 April, 1889; 1st regt., F, priv., 5 Dec., 1895; sergt., 25 Feb., 1896; sergt., major, 18 May, 1897; 2d lt., 11 March, 1902.</p>	<p>Providence, R. I.</p>
<p><i>Second Lieutenant.</i> Harold W. Hickman, Manchester, April 30, 1906.</p>	<p>1st regt., F, musician, 5 Dec., 1895; corp., 1 April, 1901; sergt., 25 March, 1902.</p>	<p>Manchester.</p>
<p>COMPANY G—Keene.</p>		
<p><i>Captain.</i> Earl L. Leach, Keene, July 12, 1910.</p>	<p>2d regt., G, priv., 29 Sept., 1899; corp., 4 May, 1902; sergt., 1 June, 1902; 2d lt., 19 May, 1906; 1st lt., 20 May, 1907; res., 12 March, 1908; 1st regt., G, priv., 16 Sept., 1909; 2d lt., 8 Oct., 1909.</p>	<p>Westmoreland.</p>
<p><i>First Lieutenant.</i> John E. Wyman, Keene, June 8, 1908.</p>	<p>1st regt., G, priv., 31 July, 1900; corp., 29 April, 1901; 4th sergt., 11 April, 1905; 2d lt., 8 June, 1907.</p>	<p>Keene.</p>

## REGISTER—FIRST REGIMENT INFANTRY.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
<i>COMPANY G—Continued.</i>				
<i>Second Lieutenant.</i>				
Benjamin F. Blythe, Keene, July 12, 1910.	1st regt., G, priv., 12 Dec., 1904; corp., 20 March, 1907; sergt., 18 June, 1907.	.....	St. Albans, Vt.	
<i>COMPANY H—Keene.</i>				
<i>Captain.</i>				
Orville E. Cain, Keene, January 8, 1909.	1st regt., H, priv., 15 May, 1900; sergt., 19 Feb., 1901; 1st lt., 21 March, 1906.	1st regt., Kansas N. G., priv.; corp.; sergt., 3 years.	Greensboro, Ind.	
<i>First Lieutenant.</i>				
Fordyce J. Thomas, Keene, January 8, 1909.	2d regt., H, priv., 28 Jan., 1897; corp., 24 April, 1900; sergt., 19 Feb., 1901; 1st sergt.; 2d lt., 11 March, 1904.	1st N. H. Vols., priv., 11 May, 1898; mustered out, 31 Oct., 1898.	Hinsdale.	
<i>Second Lieutenant.</i>				
Nelson A. Crozier, Keene, January 8, 1909.	1st regt., H, priv., 16 Jan., 1902; corp., 2 Dec., 1902; sergt., 15 July, 1904.	.....	Halifax, Vt.	

COMPANY I—Nashua.			
<i>Captain.</i>			
Wilkie I. Elliott, Nashua, March 2, 1910.	6th Pa. Vol. Inf., Co. K, priv., 28 April, 1898; disch., 17 Oct., 1898. U. S. A. Hosp. Corps, 2 Nov., 1898; priv.; actg. hosp. steward; disch., 31 Jan., 1906.	2d regt., C, priv., 27 April, 1897; sergt., —; 1st sergt., —; capt., 1 Nov., 1891; res., 15 Sept., 1893.	Nashua.
<i>First Lieutenant.</i>			
Roland A. Watson, Nashua, June 1, 1909.	.....	1st regt., I, priv., 11 April, 1901; disch., 15 June, 1905; re-enlisted, 1 Oct., 1906; corp., 18 June, 1907; 2d lt., 27 April, 1909.	Nashua.
<i>Second Lieutenant.</i>			
William H. Harwood, Nashua, June 3, 1909.	.....	1st regt., I, priv., 1 Feb., 1906; corp., 18 June, 1907; sergt., 10 May, 1909.	Nashua.
COMPANY K—Manchester.			
<i>Captain.</i>			
Anthony J. Foye, Manchester, May 7, 1906.	.....	1st regt., K, priv., 18 March, 1902; corp., 2 March, 1903; sergt., 3 March, 1904; 2d lt., 11 April, 1904.	Ireland.
<i>First Lieutenant.</i>			
John J. Healy, Manchester, December 25, 1906.	.....	1st regt., K, priv., 23 Jan., 1903; corp., 13 Feb., 1904; sergt., 19 May, 1904.	Manchester.
<i>Second Lieutenant.</i>			
Owen Garrahan, Manchester, June 18, 1910.	.....	1st regt., K, priv., 23 Jan., 1903; sergt., 5 June, 1906.	Scotland.

## REGISTER—FIRST REGIMENT INFANTRY.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
COMPANY L—Berlin.				
<i>Captain.</i>				
George F. Culled, Berlin, April 27, 1909.	2d regt., G., 1st Lt., 19 April, 1906.	.....	Troy, N. Y.	
<i>First Lieutenant.</i>				
Thomas F. McCarthy, Berlin, June 11, 1909.	2d regt., G., sergt., 19 April, 1906.	U. S. V., 1st Me. Inftry., 2 May, 1898, to Oct. 30, 1898.	Waterford, Ire.	
<i>Second Lieutenant.</i>				
Allison C. Gorham, Berlin, April 19, 1906.	.....	16th U. S. Vol. Inftry., 22 months.	Hamilton, Onta- rio.	
COMPANY M—Newport.				
<i>Captain.</i>				
Oley J. Lear, Newport, December 7, 1908.	3d regt., M., musician, 1 May, 1898; 2d regt., M., corp., 1 May, 1901; sergt., 31 Jan., 1906; 1st Lt., 4 May, 1908.	1st N. H. Vols., mus., 9 May, 1898; mustered out, 31 Oct., 1898.	Tunbridge, Vt.	
<i>First Lieutenant.</i>				
Alexander G. Peacor, Newport, December 7, 1908.	2d regt., M., priv., 29 April, 1902; corp., 16 July, 1905; sergt., 4 March, 1907; 2d Lt., 1 May, 1908.	.....	Middlebury, Vt.	

<i>Second Lieutenant.</i>	2d regt., M. priv., 23 April, 1901; corp., 16 March, 1905; SERGT., 4 March, 1907.	Newport.
<i>Coast Artillery Corps.</i>		
<i>Major.</i>	2d regt., B. capt., 20 March, 1905.	Newington.
Chauncey B. Hoyt, Portsmouth, November 11, 1900.	U. S. Navy, musician, 1 June, 1900; disch., 31 May, 1904.	.....
<i>Adjutant (rank Captain).</i>	.....	.....
<i>Quartermaster and Commissary (rank 2d Lieutenant).</i>	2d regt., battl. adj., 7 June, 1907.	Laconia.
Clarence E. Rowe, Lakeport, April 27, 1909.	.....	.....
FIRST COMPANY—PORTSMOUTH.	.....	.....
<i>Captain.</i>	2d regt., B. priv., 14 May, 1900; corp., 28 Nov., 1901; sergt., 9 Dec., 1903; 2d Lt., 25 Jan., 1904; 1st Lt., 25 March, 1909.	Portsmouth.
Frederic T. Harriman, Ports- mouth, January 8, 1910.	.....	.....
<i>First Lieutenant.</i>	2d regt., B. 2d Lt., 19 March, 1900; 1st Lt., 11 Dec., 1903; capt. and q. m., 12 Jan., 1909; c. a. c. 1st co., 2d Lt., 27 April, 1909.	Portsmouth.
Israel H. Washburn, Portsmouth, January 8, 1910.	.....	.....

## REGISTER—COAST ARTILLERY CORPS.—Continued.

Name, Address, Rank, and Date of Commission.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
<i>Second Lieutenant.</i> Clarence P. Bodwell, Portsmouth, January 8, 1910.	2d regt., C, priv., 12 March, 1899; corp., 6 May, 1899; sergt., 12 June, 1899; trans- ferred to Co. B, 21 Feb., 1905, as sergt.; sergt. maj., 29 April, 1907; C. A. C., 1st CO., sergt., 27 April, 1909.	.....	Salem Depot.	Nashua High School.
SECOND COMPANY—Laconia. <i>Captain.</i> Walter H. Burgess, Laconia, May 24, 1907.	.....	.....	Lynn, Mass.	High School.
<i>First Lieutenant.</i> Joseph Lavertue, Laconia, February 12, 1910.	2d regt., K, priv., 13 May, 1902; disch., 17 Nov., 1902; 2d regt., K, priv., 29 Jan., 1906; corp., 30 Apr., 1906; 2d Lt., 24 May, 1907.	U. S. A., 78th Coast Artillery, priv., 3 June, 1902; corp., 15 June, 1903; disch., 2 June, 1905.	Lake Village.	
<i>Second Lieutenant.</i> Frederick W. Moore, Laconia, February 12, 1910.	2d regt., K, priv., 30 April, 1903; corp., 6 Oct., 1904; sergt., 25 May, 1905.	.....	Inverness, Que.	Royal Canadian School of Infan- try, St. John S., Que.
THIRD COMPANY—Exeter. <i>Captain.</i> Alvin E. Foss, Exeter, October 12, 1907.	2d regt., I, 1st Lt., 23 April, 1906.	1st N. H. Vols., priv., 9 May, 1898; corp., 15 July, 1898; mus- tered out, 31 Oct., 1898.	Somersworth.	

<p><i>First Lieutenant.</i> Cyrus E. Robinson, Exeter, June 1, 1909.</p>	<p>2d regt., I, priv., 23 April, 1906; sergt., 12 Nov., 1906; 2d lt., 12 Oct., 1907.</p>	<p>Durlham, Me.</p>
<p><i>Second Lieutenant.</i> Walter E. Farnham, Exeter, June 1, 1909.</p>	<p>1st regt., A, 15 March, 1892; corp., Oct., 1892; sergt., May, 1893; disch., 30 Dec., 1896; 2d regt., F, priv., 23 April, 1906; sergt., 10 May, 1906.</p>	<p>Wakefield.</p>
<p>FOURTH COMPANY—DOVER. <i>Captain.</i> Vacancy.</p>	<p>.....</p>	<p>.....</p>
<p><i>First Lieutenant.</i> Frank E. Russ, Dover, December 25, 1906.</p>	<p>1st regt., A, priv., 1 June, 1886; corp., 12 May, 1889; disch., 21 April, 1892; 1st regt., A, priv., 25 April, 1893; disch., 25 Jan., 1894; 1st regt., A, priv., 29 March, 1896; corp., 11 May, 1898; sergt., 15 May, 1899; 2d regt., A, 1st sergt., 25 April, 1902.</p>	<p>St. Johnsbury, Vt.</p>
<p><i>Second Lieutenant.</i> Charles C. Crowley, Dover, April 12, 1909.</p>	<p>2d regt., A, priv., 11 Feb., 1905; corp., 21 May, 1908.</p>	<p>Brentwood.</p>

## REGISTER—Battery A, First Field Artillery.—Manchester.

Name, Address, Rank, and Date of Commissions.	Original Entry into the Service, Subsequent Service, and Commissions.	Service of other States and United States.	Born.	Received Military or Medical Instruction.
<i>Captain.</i>				
Edwin L. Towle, Manchester, June 2, 1910.	1st bat., priv., 26 Feb., 1892; driver, 2 Feb., 1899; corp., 22 Jan., 1901; sergt., 20 Jan., 1907; 2d lt., 8 Jan., 1908.	.....	Meredith.	.....
<i>First Lieutenants.</i>				
John E. Hall, Manchester, October 5, 1907.	1st bat., priv., 1 Oct., 1890; corp., 3 April, 1895; sergt., 1 Jan., 1900; 2d lt., 19 Jan., 1907.	.....	Auburn.	.....
Frank J. Abbott, Manchester, June 2, 1910.	1st bat., priv., 1 Jan., 1899; corp., 3 April, 1902; sergt., 20 June, 1907; 1st sergt., 17 Jan., 1908; 2d lt., 8 June, 1908.	.....	Manchester.	.....
<i>Second Lieutenants.</i>				
Henry A. Worthen, Manchester, June 2, 1910.	1st bat., priv., 11 Feb., 1898; corp., 20 Jan., 1907; sergt., 1 Jan., 1908; 1st sergt., 15 June, 1908.	.....	Manchester.	.....
Lucius E. Hill, Manchester, June 2, 1910.	1st bat., priv., 8 April, 1898; sergt., 1 Jan., 1908.	.....	Laconia.	.....

*Troop A, Cavalry—Peterborough.*

<p><i>Captain.</i> Charles H. Dutton, Hancock, October 26, 1908.</p>	<p>1st lat., (sec. C), priv., 25 Sept., 1875; corp., 8 Oct., 1875; disch., 28 Dec., 1880; troop A, priv., 1881; corp., 15 Sept., 1883; 1st sergt., 10 April, 1886; 2d lt., 28 April, 1886; 1st lt., 27 Aug., 1890; re-com., 27 Aug., 1895; re-com., 27 Aug., 1900; re-com., 27 Aug., 1905; Pvt. capt., 11 Dec., 1901.</p>	<p>..... .....</p>	<p>Hancock.</p>
<p><i>First Lieutenant.</i> Charles W. Jollison, Peterborough, October 26, 1908.</p>	<p>Troop A, priv., 11 May, 1900; trumpeter, 1 May, 1902; 1st sergt., 3 March, 1906; 1st lt., 15 Feb., 1908.</p>	<p>..... .....</p>	<p>Francesstown.</p>
<p><i>Second Lieutenant.</i> Charles L. Rich, Peterborough, January 6, 1910.</p>	<p>Troop A, priv., 23 May, 1893; corp., 1 May, 1897; sergt., 1 June, 1901.</p>	<p>..... .....</p>	<p>Calais, Vt.</p>

## RETIRED OFFICERS OF THE NEW HAMPSHIRE NATIONAL GUARD.

Name.	Rank.	Residence.	Date of retirement.
Elbert Wheeler.....	Brigadier-General, Inspector-General.....	Nashua.....	Jan. 28, 1902
Eugene M. Keyes.....	Major 1st Infantry.....	Keene.....	Jan. 25, 1904
Frank E. Rollins.....	Major 2d Infantry, Lieut. Col. by brevet.....	Dover.....	March 22, 1905
Frank H. Keenan.....	Major 2d Infantry.....	Dover.....	April 3, 1905
Alfred L. Trenoweth.....	1st Lieut. 2d Infantry.....	Concord.....	May 13, 1905
Julius C. Timson.....	Lieut. Col. 2d Infantry.....	Claremont.....	Dec. 30, 1905
Ubald Hebert.....	Captain 1st Infantry.....	Manchester.....	Feb. 9, 1906
George M. Follett.....	Major and Brig. Q. M.....	Willimantic, Ct.....	Dec. 4, 1906
George D. Waldron.....	Brig.-Gen. Insp. Gen., Major-Gen. by brevet.....	Concord.....	Jan. 3, 1907
Augustus D. Ayling.....	Major-Gen., Adjt.-Gen.....	Centerville, Mass.....	Jan. 3, 1907
Silas R. Wallace.....	Captain of Battery, Major by brevet.....	Lebanon.....	July 26, 1907
Charles E. Chapman.....	1st Lieut. Field Artillery.....	Manchester.....	Nov. 18, 1907
Charles B. Davis.....	Captain Cavalry, Major by brevet.....	Peterborough.....	Aug. 18, 1908
Frank A. Burnham.....	Captain 1st Infantry.....	Milford.....	Dec. 8, 1908
Guy Pederzani.....	2d Lieut. 1st Infantry.....	Nashua.....	Dec. 21, 1908
Eugene J. Stanton.....	Captain 1st Infantry.....	Nashua.....	Feb. 3, 1909
Alfred W. Carpenter.....	1st Lieut. 2d Infantry.....	Concord.....	Feb. 11, 1909
Edmund Tetley.....	Colonel 2d Infantry, Brig.-Gen. by brevet.....	Laconia.....	March 8, 1909
Forest M. Laraba.....	2d Lieut. 1st Infantry.....	Manchester.....	March 16, 1909
Joseph M. Clough.....	Brig.-Gen. ex-Brig. Comdr Maj.-Gen. by brevet.....	New London.....	April 1, 1909
Joab N. Patterson.....	Brig.-Gen. ex-Brig. Comdr Maj.-Gen. by Brevet.....	Concord.....	April 1, 1909
George M. L. Lane.....	Brig.-Gen. ex-Brig. Comdr Maj.-Gen. by brevet.....	Manchester.....	April 1, 1909
Edward H. Currier.....	Lieut.-Col. ex-Med. Director, Colonel by brevet.....	Manchester.....	April 1, 1909
Jason E. Tolles.....	Brig.-Gen. Brig. Comdr, Maj.-Gen. by brevet.....	Nashua.....	April 27, 1909
Henry H. Jewell.....	Maj., Surg., Med. Dept.....	Nashua.....	April 27, 1909
Charles A. Roby.....	Maj., Sub. Dept., Lieut.-Col. by brevet.....	Nashua.....	April 27, 1909
Robert S. Foss.....	Capt. Ord. Dept.....	Laconia.....	April 27, 1909
R. Emmet Walsh.....	Lieut., Aide to Brig. Comdr	Manchester.....	April 27, 1909
James B. Crowley.....	Lieut., Aide to Brig. Comdr	Nashua.....	April 27, 1909
Arthur G. Shattuck.....	Col. 1st Infantry, Brig.-Gen. by brevet.....	Nashua.....	April 27, 1909
Trefle Raiche.....	Lieut.-Col. 1st Infantry, Col. by brevet.....	Manchester.....	April 27, 1909
Edward A. G. Smith.....	Major 1st Infantry.....	Manchester.....	April 27, 1909
Fred A. Foster.....	Lieut., Batt'l Q. M. and Com. 1st Infantry.....	Manchester.....	April 27, 1909
William B. Lang.....	Lieut. 1st Infantry.....	Manchester.....	April 27, 1909
Charles H. Powell.....	Lieut. 1st Infantry.....	Nashua.....	April 27, 1909
Charles L. Mason.....	Lieut.-Col. 2d Infantry.....	Concord.....	April 27, 1909
Walter G. Fuller.....	Capt., Com. 2d Infantry.....	Concord.....	April 27, 1909
Joseph G. Jones.....	Lieut., Batt'l Adjt. 2d In- fantry.....	Concord.....	April 27, 1909
Edgar H. Wheeler.....	Lieut. 2d Infantry.....	Franklin.....	April 27, 1909
William H. Garvin.....	Band, 2d Infantry, 2d Lieut. by brevet.....	Concord.....	April 27, 1909
John C. McGilvray.....	Band, 2d Infantry, 2d Lieut. by brevet.....	Concord.....	April 27, 1909
Arthur F. Nevers.....	Band, 2d Infantry, 2d Lieut. by brevet.....	Concord.....	April 27, 1909
Oscar G. Pelkey.....	Band, 2d Infantry, 2d Lieut. by brevet.....	Concord.....	April 27, 1909
Harry D. Emerson.....	2d Lieut. by brevet.....	Concord.....	April 27, 1909
True Sanborn.....	Capt. 1st Infantry.....	Nashua.....	May 31, 1909
	Col. 3d Infantry, Brig.-Gen by brevet.....	Chichester.....	Oct. 21, 1909

RETIRED OFFICERS OF THE NEW HAMPSHIRE NATIONAL GUARD.—*Continued.*

Name.	Rank.	Residence.	Date of retirement.
John D. Chapman.....	Priv. 1st Infantry.		
	2d Lieut. by brevet.....	Keene.....	Dec. 8, 1909
Frank W. Brown.....	Captain 1st Infantry....	Concord.....	Dec. 27, 1909
Arthur H. Knowlton..	Maj., Insp.-Gen.,		
	Lieut. Col. by brevet....	Concord.....	Dec. 28, 1909
Charles K. Nichols ....	Sergt. Cavalry.		
	2d Lieut. by brevet.....	Peterborough.....	Jan. 25, 1910
Calvis S. Brown.....	Priv. Cavalry,		
	2d Lieut. by brevet.....	Bennington.....	Feb. 7, 1910
George R. Leavitt.....	Maj. and Asst. Insp.-Gen.	Lexington, Mass..	April 29, 1910
Herbert J. Marsh.....	Priv. Artillery.		
	2d Lieut. by brevet.....	Manchester.....	April 29, 1910
Espy A. Hayes.....	1st Lieut. Artillery.....	Manchester.....	May 2, 1910
Albin Gustafson.....	Capt. Artillery.....	Manchester.....	June 2, 1910

## ACTIVE OFFICERS BREVETTED FOR CONTINUOUS SERVICE OF OVER FIFTEEN YEARS AS SUCH.

Name.	Brevet-rank.	Date.
Brig.-Gen. William Sullivan.....	Major-General.....	June 25, 1907
Maj. Charles W. Howard.....	Colonel.....	June 15, 1910
Maj. Michael J. Healey.....	Lieut.-Colonel.....	June 15, 1910



REPORT

OF

Attorney General

OF THE

State of New Hampshire

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1908 - 1910

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VOL. I - PART V.

CONCORD, N. H.

1910

PENACOOK, N. H.  
W. B. RANNEY, PRINTER  
1910

# Report of the Attorney-General

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ATTORNEY GENERAL'S OFFICE.

CONCORD, N. H., December 1, 1910.

TO THE LEGISLATURE OF NEW HAMPSHIRE:

The biennial report of this office is herewith respectfully submitted.

Cases coming before the courts, with which the Attorney General has had to do, during the two years preceding the above date are as follows:

## HOMICIDE CASES.

### STATE V. HERBERT A. WHITE.

At the October 1908 term of the Superior Court for Rockingham County, Herbert A. White, a physician at North Hampton, N. H., was indicted for murder in the 2nd. degree, the charge being that he caused the death of one Mary Lane at Portsmouth on the 29th. day of September, 1908, by procuring an abortion. White was defended by Samuel W. Emery and G. K. Bartlett. He was acquitted. Charles H. Batchelder, Solicitor for Rockingham County, assisted for the State upon the trial.

### STATE V. ELIAS E. WILSON.

Elias E. Wilson was indicted in Coos County for the murder of his son Elmer L. Wilson at Shelbourne, N. H., May 28, 1908. The case was tried at Berlin in January 1909, and resulted in the acquittal of the respondent, who was represented by Herbert I. Goss and Jesse F. Libby. J. Howard Wight, Solicitor for Coos County, with the Attorney General acted for the State.

## STATE V. JOHN E. DAME

Dame was indicted for killing Walter S. Sterling at Dover on the 23rd. day of August, 1908. Dame shot Sterling with a revolver, but justified his act by claiming that he did so in self defence. The trial resulted in an acquittal, he was defended by Kivel & Hughs of Dover. Dwight Hall, Solicitor for Strafford County acted with the Attorney General for the State.

## STATE V. OLIVER M. FOSS.

Indictment for manslaughter. Foss was alleged to have killed Peter B. Ackerman at Strafford, May 10, 1909. The case was tried Oct. 12, 1909 at Dover. At the trial it appeared that Foss and Ackerman engaged in an altercation in regard to some past transactions; that Ackerman was the aggressor, and that in the course of this altercation, the parties came to blows. Foss struck Ackerman with his fist inflicting an injury, which the State claimed was the cause of his death, which occurred immediately after the fight. Foss was defended by Kivel & Hughs and the trial resulted in an acquittal. Dwight Hall, Solicitor and the Attorney General appeared for the State.

## STATE V. HENRY W. KING.

Henry W. King of Ossipee was indicted at the November, 1909, term of the Superior Court for Carroll County for the murder of Mary M. King at Ossipee on the 3rd. day of September, 1909 and was tried at the May term 1910. The respondent was convicted of murder in the 2nd. degree and sentenced accordingly. S. W. Abbott and Arthur L. Foote defended and the State was represented by Walter D. H. Hill, Solicitor for Carroll County and the Attorney General.

## OTHER CASES

## STATE V. GUY WILSON.

Indictment for felonious assault upon Lucy L. Sargent. The trial occurred February 15, 1909 at Manchester. Respondent was defended by David A. Taggart & Sherman E. Burroughs. County Solicitor Boisvert with the Attorney General appeared for the State. Respondent was acquitted.

## STATE V. THEODORE BALATSOS.

Indictment for killing George Marotte at Nashua on the evening of May 11, 1909. The killing was the result of an altercation between the deceased and the respondent and it was claimed that respondent was acting in self defense at the time. Respondent plead guilty of manslaughter which plea was accepted and sentence was imposed accordingly. Doyle & Lucier represented the respondent and A. E. Boisvert, Solicitor appeared with the Attorney General for the State.

## STATE VS. ALBERT F. BALL.

Ball was indicted at the April 1910 term of the Superior Court for Merrimack County for the alleged murder of Charles H. Fellows at Bow on the evening of Nov. 22nd. 1909. This case is for trial at Concord, on Dec. 6th. 1910.

## STATE VS. ANGOSTINO TROVATO.

The indictment in this case is for killing one Raffaele Paffasodero at Portsmouth on the 6th. day of June, 1910. No disposition of the case has yet been made.

A murder was committed in Coos County in December, 1908, the perpetrator of which has not been discovered, although diligent effort has been made by the state to detect the assassin.

## PROSECUTIONS FOR THE ILLEGAL SALE OF INTOXICATING LIQUOR

During the period covered by this report five hundred and three cases have been investigated and prosecutions have been instituted upon the orders of the Attorney General as prescribed by law. A majority of these prosecutions have resulted in convictions. The solicitors in the various counties have acted with promptness, and have manifested a willingness to aid in the enforcement of the law to the best of their ability.

### INJUNCTIONS GRANTED.

In this connection forty-five injunctions have been issued which have proved to be an efficient means of controlling the illegal sale of liquor.

### CIVIL SUITS.

#### SUITS TO RECOVER UPON FORFEITED BONDS.

Eleven suits have been brought to recover penalties in cases where licensees have violated the conditions of licenses granted under the liquor laws. Seven of these suits are contested and are now pending in the trial court.

### THE GOUIN REWARD.

On or about June 20, 1909, one Joseph Gouin, who had been sent from the New Hampshire State Prison to the State Hospital for treatment, escaped and the officers of the Hospital offered a reward of \$100 for his apprehension and arrest; Gouin was subsequently arrested. C. O. Alexander, D. W. Estabrook, John C. Nichols and Richard O. Jordon each claimed the reward, and in order to determine who was legally entitled to it, the Attorney General in behalf of the Hospital, filed a bill of interpleader in the Superior Court for Rockingham County, and an award was made by the court, and the money paid over in accordance with the same.

## THE RAILROAD RATE CASE.

## STATE V. BOSTON &amp; MAINE RAILROAD.

Information by the Attorney General alleging that the railroad has charged rates for conveying freight in excess of the amount allowed by law, and praying for an injunction to restrain the defendant from the further collection of said alleged illegal rates. The questions of law arising upon the demurrer of the defendants were submitted to the Supreme Court. A decision favorable to the state was rendered by the court, whereupon the defendants obtained leave to answer further, and the state pending the determination of the matters set forth in defendants' second answer, asked for a temporary injunction. This injunction was granted by the Superior Court and defendants expected on the ground that the court upon the evidence, as a matter of law, had no authority to grant the injunction, and pending the determination of this question by the Supreme Court, the Superior Court suspended the operation of the temporary injunction. The defendants in their second answer, alleged that certain lines connected with and constituting a part of the main system, as a matter of law, do not come within the inhibitions of the New Hampshire statutes respecting freight rates. This question together with that relating to the injunction will be together submitted to the Supreme Court for decision at the earliest possible date.

## THE EXPRESS RATE CASE.

The state has not assumed the general management and prosecution of this case. There is some misapprehension as to what has not been done by the state in this matter and it is deemed proper to explain briefly what the situation is respecting this proceeding.

Chapter 100 of Laws 1907 provides in substance, that upon petition of any party interested, after full hearing and investigation, the Railroad Commissioners shall fix the reasonable charges to be made by any express com-

panies within this state, for the transportation of goods and merchandise, and the rates so fixed are binding upon the express companies, subject only to an appeal to the Superior Court. Under this law, certain gentlemen representing the New Hampshire Board of Trade, with others, filed a petition asking to have the Railroad Commissioners fix the reasonable rates to be charged by the American Express Company. A hearing upon this petition was had and rates were fixed by the Commissioners. The express company thereupon took an appeal to the Superior Court. The petitioners then asked the Governor of New Hampshire with the Attorney General to assume the prosecution of this appeal for and in behalf of the state. In accordance with the opinion of the Supreme Court it was finally concluded that under this law, the state had no authority to appear pending the appeal, nor was there any state money available for this purpose. The Attorney General officially appeared, in the Superior Court upon the appeal, for the Railroad Commissioners, and as a volunteer for the petitioners.

No progress has been made in the case thus far. Whether or not it is wise to amend the law so as to require appeals under this statute to be prosecuted by the state, is a question to be determined by the legislature.

#### CITY COUNCILS OF BERLIN VS STAHL & ALS.

This was a petition addressed to the Governor and Council asking for an investigation of the conduct of the defendants as Police Commissioners of Berlin. The petition was based upon the provisions of Ch. 160 Laws of 1905. A hearing was had thereon and the charges against the defendants were found not to be sustained. In this connection it is important to note that one John T. Youngcliss of Berlin was duly summoned to appear before the Governor and Council as a witness in behalf of the petitioners. Youngcliss refused to attend, and upon investigation it transpired that the Governor and Council had no

power to compel the attendance of a witness in a proceeding of this kind. Attention is called to this matter in order that proper legislation may be enacted to meet the requirements in cases of this kind.

CHARLES S. COLLINS V. EDWARD H. PEARSON.

This is a proceeding brought by the plaintiff against the defendant as Secretary of State to test the validity of the Direct Primary Law. The principal claim being that the law is unconstitutional because of the requirement that certain candidates must pay a stated sum to the Secretary of State in order to have their names appear upon the official ballot. This case is now pending in the Supreme Court.

STATE V. LEE HUTCHINS.

Petition by the Attorney General for an injunction to restrain the defendant from maintaining an obstruction to navigation upon Lake Winnepisseogee. Pending in Superior Court for Belknap County.

STATE V. AMOSKEAG SAVINGS BANK.

Information filed by the Attorney General upon notice from the Bank Commissioners that this bank has illegally invested its funds by acquiring as an investment more than ten per cent of the capital stock of the Amoskeag National Bank. The entire capital stock of this bank is two hundred thousand dollars and the amount of stock held by the Savings Bank is one hundred and ten shares representing one hundred and one thousand dollars, or more than half of said capital stock. The case is now pending in the Superior Court for Rockingham County, having been entered at the October 1910 term. This action is based upon Ch. 114 Laws of 1895 Sec. 1. Par. 14 Sec. 33 of Ch. 165 Public Statutes of N. H.

Other criminal cases, not herein reported, have received attention from this office, by way of consultation with the various Solicitors, the details of which it is

deemed not necessary to state, as full particulars should be embodied in the reports of the County Solicitors. Numerous answers to inquiries, and opinions have been given to town officers and others, which do not come within the strict interpretation of Sec. 4, Ch. 17, Public Statutes of N. H. Some opinions relating to matters of a public and general nature are printed herewith.

#### EXPENSES.

The expenses of this department, including salary of \$2,500, have been limited as specified in Sec. 1, Ch. 168 Laws of 1909 to \$3,360.00.

The railroad rate case has thus far been carried on by this office without expense to the state beyond the general appropriations provided as above. It is likely that expert assistance will soon be required in this case, and if it is to be properly tried a considerable sum of money should be appropriated for this purpose, as soon as the legislature convenes.

The Boston & Maine, the Grand Trunk, the Maine Central and some of the electric railroads have appealed from the taxes assessed by the state against them for the year 1909. These appeals are now pending and are in process of hearing before Referees appointed by the Supreme Court. The Supreme Court appointed Albert O. Brown, Esq. as associate counsel for the state, and considerable work has already been done in preparing the state's case, but there is no money available for this purpose, and persons undertaking employment in the state's interest, have done so with the understanding that their compensation depended upon the future action of the legislature.

The railroads have a large number of persons engaged in this case in their behalf, and are making a thorough and careful investigation of existing conditions, and if the state's interests are to be fully protected, the legislature should make a liberal appropriation for this purpose, at the earliest possible date. The amounts due persons who

have been and are now employed for the state will be furnished by this office whenever required by the legislature.

I have no money belonging to the state.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General,*

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OPINIONS.

CONCORD, N. H., DECEMBER, 3, 1908

TO HIS EXCELLENCY THE GOVERNOR AND THE  
HONORABLE COUNCIL:

Section I of Ch. 79 New Hampshire session laws 1907, prohibits the acceptance or use of a free pass, or a ticket, which entitles a member of the General Court to transportation upon a steam railroad for which such member has paid a less price than is demanded of the public generally. Section 2 of this same chapter authorizes and directs the Governor [to contract for the steam railroad transportation of the members of the General Court, and certain salaried state officers, and this law has received the sanction of our Supreme Court. (opinion of the Justices 74 N. H. 606.)

The question now presented is, has the Governor the right, under the above named law, to make a contract for the transportation of the members of the General Court for a less price than is demanded of the public generally? It will be observed that section 2 not only authorizes, but directs the Governor to make a contract and that there are no limitations or restrictions attached to his discretion in so doing, unless the provisions of section I, above referred to, can be construed so as to effect such a result. It is clear that the prohibition contained in section I, relates to a ticket obtained by an individual member of the General Court, The ticket in the language of the statute is one for which "he (the member) has paid a less price

than is demanded of the public generally," whereas the ticket furnished under the contract made by the Governor is one provided by the state for the member; he has paid nothing for it and is in no way beholden to the railroad therefor. It is, therefore, my opinion that under the above law, the Governor may exercise his discretion in making the contract referred to, and that the amount to be paid is not limited to the price demanded of the public generally. I am not aware of any law of this state which makes it illegal for a steam railroad to enter into a contract with the Governor for the purpose stated, and in conformity with the act of 1907.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

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CONCORD, N. H., FEBRUARY, 4, 1909

TO HIS EXCELLENCY THE GOVERNOR AND THE  
HONORABLE COUNCIL:

In compliance with your request to report to you as to the authority of the Governor and Council respecting the New Hampshire State Hospital, the New Hampshire State Normal School, the New Hampshire College of Agriculture, the New Hampshire School for Feeble Minded, I will say that I have examined the various statute laws of this state in relation to these several institutions and report to you as follows:

1. The New Hampshire State Hospital (formerly called the New Hampshire Asylum for the Insane), is a corporation having a single member, namely the State of New Hampshire. The government of this corporation is vested in twelve trustees appointed and commissioned by the Governor with advice of the Council. These trustees have charge of the property and concerns

of the hospital, and have authority to bind the corporation by such contracts relative to the support of the patients and the affairs of the corporation as they may deem advantageous, and may receive, appropriate, control, convey or invest any property given to, or owned by the corporation in such manner as they think expedient. See Pub. Stats. of N. H. Ch. 10. But the trust funds of the corporation cannot be invested or changed by the trustees without the approval of the Governor and Council, who may also direct in whose custody the bonds, notes and other securities shall be kept.

LAWS OF 1897 CH. 86.

The trustees' accounts are to be audited by the Bank Commissioners under the direction of the Governor and Council, who have authority to direct the Bank Commissioners to make an examination at any time.

LAWS OF 1897 CH. 86.

Also before expending any money in the construction of new buildings, the trustees are required to submit plans for the same to the Governor and Council for their approval.

LAWS OF 1897 CH. 89.

Subject to the limitations imposed under Ch. 86 of the Laws of 1897, above named, the trustees have the control of the funds and the expenditure of the money received and that appropriated, for the support of the corporation.

The trustees, of course, have no authority to bind the corporation for the payment of bills beyond the amount appropriated for that purpose.

2. The management of the State Normal School is vested in a board of trustees composed of the Governor, the Superintendent of Public Instruction and five other persons appointed by the Governor and Council. These trustees have control generally of the institution (See Ch.

95 Pub. Stats.) and the money appropriated for the maintenance of the school is to be expended as the trustees shall direct. Pub. Stats. Ch. 95, Sec. 8.

Under the law, the Governor and Council, as such, do not appear to have any direct control of the institution. The Governor being a member of the board of trustees is supposed to see that the rights of the state, generally, are protected. The trustees as in the case of the State Hospital, cannot make contracts requiring money in excess of appropriations or for purposes other than those specified by law.

3. The New Hampshire College of Agriculture and Mechanic Arts is a corporation, the State of New Hampshire being the only member of the same. The laws relative to the management and control of this institution are found in Ch. 11 of the Pub. Stats. The general government of the college is vested in thirteen trustees and the Governor and the President of the College are *ex officio* trustees. These trustees appear to have full authority respecting the payment of money and the making of contracts subject to the limitations regarding the investment of funds appearing in Section 11 of said chapter and the provisions of the laws which govern the expenditure of money for purposes specified in acts passed relating to the erection of buildings and the like.

4. The New Hampshire school for the Feeble Minded children is a state institution managed and controlled in a way similar to that of the New Hampshire State Industrial School. The Governor of the state is *ex officio* a member of the board of trustees and is required to annually visit and inspect the same. The right to make necessary rules and regulations as to admission to and the government of said institution and to do everything necessary for the education and care of feeble minded children is left to the board of trustees, but this school is not declared by law to be a corporation but is more distinctively a state institution. The act establishing this school does not

specifically define the power of the board of trustees in regard to the right to make contracts and such power as these officials have appears to be that which impliedly comes from the authority to do what is necessary for the care and education of feeble minded children who may be placed in the institution. The power of the trustees to incur liabilities requiring the payment of money is limited to appropriations made for specific purposes.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

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CONCORD N. H., April 1, 1909.

HON. HENRY C. MORRISON,  
CONCORD, N. H.,

DEAR SIR:

You ask my opinion respecting the right of the superintendent of public instruction to employ legal assistants in the enforcement of the laws of this state in regard to the attendance of children at the public schools.

Under Section 14 of the Laws of 1901 the superintendent is authorized to enforce the laws relating to attendance at school, and employment of minors, and for this purpose he is invested with the powers given truant officers authorized by school boards for a like purpose. The expenses necessarily incurred in such enforcement by the superintendent are a charge upon the state to be paid as audited and allowed by the Governor and Council.

Truant officers, among other things, are empowered to institute proceedings in the enforcement of law upon this subject, and the superintendent being clothed with like power can proceed with such prosecutions at the expense of the state, no more expense to be incurred than is actually necessary under the circumstances of each case.

In my opinion the superintendent should not pay more than \$10 per day for time actually spent by an attorney, together with his necessary expenses.

Respectfully yours,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., May 7, 1909.

A. W. DEANE, C. E.,  
STATE ENGINEER,  
CONCORD, N. H.

DEAR MR. DEANE: -

Your letter to the Selectmen of Sutton, together with a copy of their letter to you, is received. The right of the Selectmen to accept state aid after the town has voted not to receive it, seems to me to be very doubtful. The language of the statute is, Ch. 35 Section 4, Laws of 1905 "If any town or place desire state aid as contemplated by this act," etc. they shall do certain things and in the absence of a desire on the part of the town to enter into the arrangement provided for in this chapter, it seems to me to be unwise for the Selectmen to undertake to do so.

The authority of the Selectmen of a town is not general and in the absence of a special vote of authority, generally, they cannot bind the town.

Yours very truly,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., June 8th. 1909.

A. W. DEANE, C. E.,  
STATE ENGINEER,  
CONCORD, N. H.,

MY DEAR SIR:

Your letter relative to the layout of the trunk-lines of road by the Governor and Council is received. From

such investigation as I have been able to make, it appears to me that the whole layout for anyone of these lines should be established and completed before anything further is done. I can understand that possibly it might be more convenient to proceed otherwise, but I do not feel clear that such action can be properly taken.

Yours truly,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD N. H., July 26, 1909.

TO HIS EXCELLENCY, THE GOVERNOR, AND THE  
HONORABLE COUNCIL:

I am in receipt of a communication from the Honorable Secretary of State in which he states that you desire my opinion as to the legality of a proposed arrangement by which the state is to heat the building of the New Hampshire Historical Society in Concord.

In this connection, my attention is called to an act of the legislature approved Feb. 25, 1909, the same being an amendment of Ch. 24 of the Laws of 1895, in respect to the state library building.

It is my opinion that under said act of Feb. 25, 1909, it will be legal and proper for the state to enter into the arrangement proposed with the New Hampshire Historical Society.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., July 24, 1909.

HON. HENRY C. MORRISON,  
Supt. Public Instruction,  
Concord, N. H.,

MY DEAR SIR: -

I am in receipt of your favor of July 17th. 1909, together with a statement in regard to the New Hampshire State Normal School. The inquiry arising upon the statement submitted is, as to the power of the normal school trustees to acquire real estate in the absence of special authority from the legislature so to do.

The normal school is a state institution, owned by the state, the affairs of which are administered through the trustees as agents of the state.

Under Sec. 2, Ch. 95, Pub. Stats. of N. H. the management of the school is vested in a board of trustees, but there is no specific authority in this act which enables the trustees to purchase real estate. The trustees stand in the same relation to the state as do a board of directors in a corporation. Directors in a corporation, unless there-to specifically authorized by the corporation, itself, do not ordinarily have the power to purchase real estate or to do anything not specifically granted to them, either by vote of the corporation, or its by-laws. I do not understand that under the term, "management" the trustees are authorized to purchase real estate and bind the state to the payment therefor, nor, in my opinion, does the whole of chapter 95, considered together, furnish ground for any implied authority to do this.

I can see the advantage which might accrue to the institution if the trustees could carry out the plans suggested by you, but I think the matter will have to rest until the next session of the legislature, before anything can be done.

Respectfully yours,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., January 20, 1909.

WILLIAM D. GIBBS, M. S.

DURHAM, N. H.,

MY DEAR SIR:-

I am in receipt of your favor in which you ask the following questions:

First. Since Benjamin Thompson, in Section 4 of his will, says- "If the State which accepts the trust upon the conditions herein set forth should desire to establish said school at any time before the expiration of twenty years from the time of my decease, then, and in such case, my will is that said State may thus do, provided said State shall, *before using* any of either of the funds herein set forth, raise and set apart such sums of money as will make said funds equal in amount to what said funds would become, if accumulated during twenty years according to the terms and conditions set forth". And since the state of New Hampshire has *attempted to use* one of these funds (See Section 5, Chapter 73, Session Laws of 1893) without fulfilling the requirements pertaining to the other fund as set forth in the said 4th. section of said will, is there not some doubt as to whether the state by said Section 5, Chapter 73, Session Laws of 1893, has thereby met the requirements of the will of Benjamin Thompson?

In respect to this question, I will say that the State of New Hampshire received, according to the report of the State Treasurer \$363,823.32 and since the date of its receipt, the interest on the amount so received has been added each year so that on the 30th. day of Jan. 1909, the amount of the Benjamin Thompson fund is reported by the State Treasurer to be \$737,039.27. And in accordance with the provisions of Section 4, Laws of 1891, the sum of \$3000 actually has been placed by the State Treasurer to the credit of the Benjamin Thompson state trust fund and under this provision of the law, the sum so set apart with the interest thereon, amounted to \$8013.70 on the 30th. day of Jan. 1908.

Under the method above prescribed by the legislature of New Hampshire and pursued by the State Treasurer in conformity therewith, it appears to me that the state has practically complied with the requirements of the will of Mr. Thompson as set forth in Sections two and four thereof.

Second. Will it not be necessary for our board of trustees to secure legislative action on how the payments are to be made to the college from the Benjamin Thompson trust fund, that is, whether quarterly, semi-annually or annually?

In regard to this question, I think the legislature should provide for the payments from the Benjamin Thompson trust fund and if you prefer to have them meet quarterly, there can be no valid objection to such method.

Respectfully yours,

EDWIN G. EASTMAN,  
*Attorney-General.*

CONCORD, N. H., July 12, 1909.

E. C. HURST B. S.,  
CONCORD, N. H.,

DEAR SIR: -

I have examined the new forestry law with reference to the questions contained in your letter to me, under date of July 8th. inst.

Under section 20 of said law, I am of the opinion that the forestry commission may take lands under the power of eminent domain. The question of the constitutionality of this law has never been brought to the attention of our court, but until the court has decided that the law is unconstitutional, I advise that the forestry commission, in the event that some person is found who is willing to furnish the funds therefor, proceed in case they cannot agree with the owner, to take land under the right of eminent domain. This law has been upon the statute books

of our state for a good many years and if it is unconstitutional, it is time that the fact is found out.

I understand by the phrase in sec. 20 "is hereby authorized" to mean that the forestry commission may act, if in their discretion they adjudge it is proper or expedient to do so. That the words "they may condemn" means that they can do so, *whenever* acting in good faith, they believe it to be the proper thing to do.

I have examined the law in regard to paying the fire wardens for duties performed under the statute, and I am of the opinion that the expense of the fire wardens is to be paid, one-half by the state, and the other half by the town. Such seems to have been the intention of the legislature, the whole act being considered together. It appears to me that the words in sec. 10, "in fighting or preventing fires", are evidence in favor of my conclusion, and in my opinion the words, "or preventing", after the words, "fighting fires" in sec. 9, were left out, probably by accident but, however this may be, after carefully reading the whole act, my conclusion in regard to the payment of fire wardens is as above stated.

I believe I have answered all the questions suggested in your letter. At any time when I can be of service to you, let me know it.

Respectfully yours,

EDWIN G. EASTMAN,  
*Attorney-General.*

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CONCORD, N. H., July 24, 1909.

E. C. HIRST E. S.,  
STATE FORESTER,  
CONCORD, N. H.

DEAR SIR: -

Your letter is received. I understand that Ch. 227, Pub. Stats. is repealed. Ch. 124, Laws of 1903 and Ch. 98, Laws

of 1901 are, in effect, with the exception of Sec, 3, unless some parts of these chapters are inconsistent with the act approved April 9th, 1909.

I think so much of the law as relates to spark arresters you should include in your list of laws now in force, then if somebody raises the question which you suggest, let them do so. You had better not undertake to settle that question because you are not obliged to do so. Let the court take the responsibility when the occasion arises.

As to fire wardens, the statute does not mention the appointment of such officials and in the absence of expressed authority to appoint them, I recommend that the fire wardens, when actual necessity so requires, employ persons to assist them which can be readily done. I believe I have answered all the questions submitted in your favor of July 20th.

Respectfully yours,

EDWIN G. EASTMAN

*Attorney-General.*

CONCORD, N. H., January 25, 1909.

HON. SOLON A. CARTER,  
STATE TREASURER.  
CONCORD, N. H.

DEAR SIR: -

Your request for an opinion, as to the effect upon the transfer tax of the decree of a foreign court granting an allowance to the widow of a decedent who was domiciled in the same state in which the decree was entered, is duly at hand.

The assessment of the transfer tax, as I understand it, involves, first, the ascertainment of the persons who are entitled to take the estate under the laws of the state of the decedent's domicile. If the relationship of the persons thus shown to be entitled to the estate is such as to

bring them within any of the classes which are exempt under the New Hampshire tax law, the transfer is to be treated as exempt, otherwise as taxable.

In a case such as you describe, one-half of the property, in the absence of such a decree, would under the statute pass to persons who would be taxable, but as the power of the court to grant the allowance is also contained in the statute, it seems to me that when the power is exercised, the widow must be treated as receiving the allowance under the statute, and that in dealing with the tax law, the transfer must stand the same as it would if the widow had been entitled to the property under the statute without the intervention of the decree of the court.

Yours truly,

EDWIN G. EASTMAN

*Attorney-General.*

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CONCORD, N. H., September 16, 1909.

TO THE HONORABLE STATE BOARD OF EQUALIZATION:

I herewith submit the questions asked me, by you together with my answers to the same.

1. Can the State Board of Equalization, in determining the value of railroads and other Corporations, for the purposes of taxation, take into account any undervaluation of other property in the State which they may find?

Ans. The valuation of railroad property for the purpose of taxation is to be obtained, as I understand the law, as follows;

The actual value of all the taxable property in the State, other than railroad and property specially taxed, is to the actual value of the railroad property, as the assessed value of all other property, except that especially taxed, is to the value at which the railroad property should be assessed.

2. Do the words "actual value" in Sec. 1 Chap. 64 Pub. Stats. mean such a value as is proportional to the

valuation placed upon other property throughout the State; or do these words mean the *just* and true value of such property, irrespective of any undervaluations of other property for purposes of taxation?

Ans. Whatever may have been intended by the words "actual value", the constitution requires taxes to be equal and proportional, and to accomplish that result the railroad property must be assessed at the same percent of its actual value that other taxable property in the State is assessed.

3. Can the Board consider rentals and guarantees under leases of Railroads property, as affording evidence of the value of such leased property?

Ans. Yes. But this is not conclusive evidence.

(See R. R. v. State 60 N. H. 133-144)

4. To what extent do the words "road, rolling-stock and equipments" in Sec. 1 Chap. 64 Pub. Stats. cover all the property of such corporations employed in operation? Do these words cover any other property than such as is employed in operation?

Ans. The words "road, rolling-stock and equipment" include the franchise and all property owned by a railroad that would be taxable if owned by an individual.

60 N. H. 133.

5. Has the Board any authority to employ experts to make a physical examination and appraisal of Railroad and other corporations?

Ans. No.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

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CONCORD, N. H., Oct. 7, 1909.

TO THE HONORABLE BOARD OF BANKS COMMISSIONERS,

CONCORD, N. H.

GENTLEMEN: -

I am in receipt of your communication under date of

Oct. 5th, enclosing a circular issued by the Minnesota Loan & Trust Co. This circular advertises a first mortgage 5 per cent serial bond of the Red River Lumber Co. These bonds are guaranteed or unwritten by Mr. T. B. Walker. You request my opinion as to whether bonds issued and indorsed in conformity with the statements set fourth in the above named circular are a legal investment for saving banks under the provisions of paragraph 5, Ch. 114, N.H. Laws of 1901, which permits investments in notes of individuals or corporations with two or more signers or one or more indorsers.

If this security is to be regarded as a bond, as it is styled in the circular, and in fact, as it is, it is not a legal investment under any provisions of the chapter above named. The Red River Lumber Co. is a private corporation which has issued these bonds the same as any other private corporation issues bonds, and in my opinion, they are not, within the meaning of said chapter, notes. The investment of the funds of a savings bank under section 5, treating these bonds as notes is an evasion of the statute which ought not to be allowed. If the terms, "notes and bonds" were intended to be interchangeable, then the legislature has used a great deal of verbiage which could have readily been done away with, since investments that may be made in notes as such, are carefully enumerated and the same is true of bonds. For ordinary purposes, perhaps, these bonds might be regarded as nothing more than the notes of the company secured by mortgage, but Ch. 114 provides for notes secured by mortgage and the bonds in question would not be a legal investment, as I understand it under any one of the conditions named. But if they are a legal investment, at all, they must be treated as notes with two or more signers, or one or more indorsers and not as notes secured by a mortgage of real estate.

It is not difficult to multiply reasons why this security does not come within any of the provisions of the investment law, but without further argument upon this point,

my conclusion is as stated before, that they are not a legal investment for savings banks under the provisions of paragraph 5, Sec. 1, Ch. 114, Laws of 1901.

Respectfully submitted,

EDWIN G. EASTMAN.

*Attorney-General.*

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CONCORD, N. H., Oct. 28, 1909.

E. C. HIRST, ESQ.,  
STATE FORESTER,  
CONCORD, N. H.

MY DEAR SIR: -

I am in receipt of your letter of the 26th inst. in which you ask some questions in respect to the present law in regard to forest fires and their extinguishment.

The first question is: Under the present law are towns obliged to fight fires after the wardens have been informed that there is no more available money to be had from the state for that purpose.

The act of 1909 expressly repeals Ch. 44 Laws of 1893 and Ch. 97 Laws of 1905 and all other acts and parts of acts inconsistent with the act of 1909. Probably, however the power of towns to raise money for the extinguishment of fires, under Sec. 4, Ch. 40 Pub. Stats. is not repealed, this law enables towns to raise money, but it does not impose upon them any obligation to do so. All other laws, so far as I can discover, having been repealed except the act of 1909, it seems more probable to me than otherwise that towns would not be obliged to fight fires except in accordance with this law and this law does not declare that in the event that the funds provided by the state should be exhausted, the towns themselves shall thereupon be required to pay the whole expense of fighting fires. After the state appropriation is exhausted, it might be the

duty of the fire warden to extinguish fires, but he would have no money to use for that purpose, so the practical result is that he would not be bound to act in the absence of funds to use for the purpose. I do not think it is necessary to remove these officials when the state fund is exhausted since they have no power to bind the state in any way.

The question of what would be considered a time of drought is one that would have to be determined on the trial of a case under the statute against an offender. It is not within the power of the Governor to say that there is not a drought within the meaning of this statute.

In my opinion Ch. 59 has no connection with Ch. 128 except that possibly if a fire occurred within a period covered by the proclamation named in Ch. 59, this fact might be used as evidence of climate conditions on a trial under Ch. 128. The expense of such a trial would, in my opinion, be paid by the county within which the fire occurred and not out of the state appropriation.

As to the power of the forestry commission to bind the state in making contracts like the one enclosed in your letter, I will say that I do not believe the commission has any such authority but I see no harm in entering into an arrangement of the kind specified and there appears to be no objection to the terms stated in the agreement. I should say that it was advisable, under the circumstances, for you to make the arrangements proposed by the several land owners, although there is nothing in the statute specifically authorizing you so to do.

I believe I have answered the questions submitted.

Respectfully yours,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., Oct. 14, 1909.

TO HIS EXCELLENCY THE GOVERNOR  
AND THE HONORABLE COUNCIL:

I am in receipt of a communication from the Honorable Secretary of State in behalf of your Honorable Board requesting an answer from me to the following statement and question: "The Trustees of the Normal School have a sum of money to their credit sufficient to purchase land needed for the coal pockets authorized by the last session of the legislature. The Trustees are willing to devote this money to this purpose. Do you know of any legal objection why they cannot do so?"

Chapter 194 of the Laws of 1909 appropriates the sum of \$8000. for the erection of a boiler house and the construction of coal pockets, but no authority is therein given to anybody to buy land for any purpose, consequently, if the Trustees have any authority in the premises, it must be derived from some other source.

Chapter 95 of the Public Statutes vests the management of the school in a board of trustees. These trustees by said chapter, are required to perform certain duties, but, so far as I can discover, they are nowhere authorized to expend money for any purpose except the maintenance of the school from the money appropriated by the legislature for that purpose. They are not empowered to buy or sell land. The state owns the Normal School, and the Trustees, as its agents, can lawfully do no more than they have been directed to do by the state.

The statement, submitted with the question, does not disclose the sources from which the Trustees derived the money now on hand. But, if it is a part of the money annually appropriated by the legislature for the maintenance of the school, clearly it cannot be expended for the purpose stated. Assuming, for the purposes of the question, that the money now on hand is no part of the annual appropriation, but is income denied from the conduct of the

school business, such as rent of rooms, or profit from boarding pupils, the money so obtained belongs to the state, and, in my opinion, it cannot be dealt with by the Trustees except in accordance with the direction of the state, as expressed by a legislative act.

Respectfully submitted,

EDWIN G. EASTMAN.

*Attorney-General.*

CONCORD, N. H., October, 15 1909.

TO HIS EXCELLENCY THE GOVERNOR AND

HONORABLE COUNCIL:

I am in receipt of your inquiry relative to the legal right of the State of New Hampshire, under chapter 100 of the laws of 1907, to appear and prosecute the express company rate cases, so called, now pending in the Superior Court for Hillsborough County; also as to your legal right to appropriate money for such assistance if any, as the attorney general may require in the prosecution of these cases. Considering this matter without regard to the fact that there is no money available for this purpose, it appears that the pending proceedings were instituted by private citizens, by virtue of the act above named, and the State is now asked to intervene and prosecute the same to final determination, the companies having appealed from a decision by the railroad commissioners fixing a rate. The right to intervene at this time involves a question of legislative intent. Did the legislature intend that the State should institute proceedings under this statute in behalf of private persons, or assume the responsibility of prosecuting such cases already pending? An inspection of the statute in question shows that no such intention is expressed and it must be assumed that if such was the intention it would have been so declared. The statute provides that any party interested may petition the railroad commissioners. An interested party is

one having a pecuniary interest in the subject matter. The State might have a pecuniary interest in the transportation of its goods by an express company, but it can not be seriously contended that the State has such an interest in the business of a private individual. It is therefore my opinion that the State has no legal right under this law to intervene in these cases.

Respecting the authority of the State to institute common law proceedings for violation of the statute laws of the State by express companies for refusal by them to obey the final orders of the railroad commissioners or the Superior Court, I express no opinion at this time. The conclusion being that the State can not under this statute intervene, the authority of your Honorable Board to appropriate money provided you had it to procure assistance in the prosecution of these cases, does not require consideration at this time.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

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CONCORD, N. H. November 11, 1909.

TO HIS EXCELLENCY THE GOVERNOR AND THE  
HONORABLE COUNCIL:

I am in receipt of your request for an interpretation of Chapter 158, Laws of 1909, entitled "An Act for the Support and Encouragement of Common Schools".

Section 1 of this law provides in substance that, no town, which has an equalized valuation of more than \$7000. per pupil of average attendance for the preceding year, or whose population by the last census is more than 3500, is entitled to any part of the money appropriated for the purpose above stated.

Section 2 provides for the apportionment of the state money appropriated to carry this act into effect, among the towns not excluded by the terms of said Section 1.

Under said Section 2, towns entitled to the benefit of this law are divided into five classes, for instance, under class one, all towns having an equalized valuation per pupil of average attendance of less than \$2000, the sum of \$1.75 per school week, for every twenty-five pupils, or major part thereof, of average attendance for the year next preceding; and the amount allowed per pupil for each week under the four subsequent classes, decreases as the amount of equalized valuation per pupil increases, until under class 5, where the equalized valuation is not less than \$5000, nor more than \$7000., the amount allowed for each pupil is 75 cts. per week.

There are several towns in the state which include more than one school district. Some of these towns by reason of the amount of their equalized valuation, or the size of their population, are excluded from the benefits of this act, and the question is, may the Governor and Council, under said act, apportion money to school districts in such towns which can comply with the requirements for the apportionment to towns entitled thereto. In other words, can the Governor and Council, under this law and the foregoing conditions, apportion money to a school district as they might to a town under like circumstances?

An inspection of this statute shows that it was enacted for the purpose of aiding small towns having a low equalized valuation. Towns having an equalized valuation of \$7000, or those having 3500 inhabitants are excluded, and it does not seem reasonable to conclude that the legislature intended to exclude towns having an equalized valuation of \$7000., or more than 3500 inhabitants and at the same time construe the statute so as to mean that a district, and perhaps two districts within the limits of such a town, are each entitled to a part of this money.

The basis of the apportionment is the equalized valuation of towns. There is no equalized valuation of districts nor does the law anywhere provide for determining such valuation.

It cannot be supposed that the legislature intended to award money to districts and at the same time failed to provide any legal method by which it could be done.

I am aware that Section 1 of Chapter 23 Laws of 1909 declares that the word, "town" wherever used in the statutes in connection with the government, administration, support or improvement, of the public schools, shall be held to mean district. It is to be observed that this law was approved Feb. 24, 1909. And said Chapter 158 was approved Apr. 9, 1909. The intention that the word "town" as used in Ch. 158 was to be understood in the ordinary acceptation of that word, is so clear, that it seems reasonably certain that the meaning of the word as used in this special instance controls the general statutory definition. Probably the object and purpose of the act defining the word, "town", was to change the letter of certain statutes so as to conform to an interpretation of the word by the Supreme Court in certain instances where by reason of the relation of the word to the rest of the subject matter, the court was of the opinion that the word could be construed to mean "district".

My conclusion is that the money should be awarded to the towns by law entitled thereto, and if there is more than one "district" in any such town, it should be equitably divided by proper town or district authorities between such districts.

Respectfully submitted,

EDWIN G. EASTMAN.

*Attorney-General*

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CONCORD, N. H., November 11, 1909.  
TO HIS EXCELLENCY THE GOVERNOR AND THE  
HONORABLE COUNCIL:

You request my opinion respecting the right of the town of Plymouth to a share of the school money under Ch. 158 Laws of 1909.

I understand that in making out the number of pupils required by the law to attend school, the town included certain resident pupils of the town who attend the State Normal School or a department of the same, and the question is, can such pupils be legally reckoned for the purpose stated?

It is conceded that the town of Plymouth pays a tuition fee of one thousand dollars to the Normal School for the purpose of allowing such pupils to attend the school. In effect the town provides this school for the benefit of resident pupils, this being so, such pupils, in my opinion, should be included in the enumeration. This ruling is intended to apply to the present school year, only, for the reason that I understand that a new arrangement is made, or about to be made for the future, between the Normal School and the town.

I understand that the teachers referred to in Sec. 3 of said Chapter, are employed by the Normal School, consequently, I do not think the town can properly claim any benefit under said Section 3.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

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CONCORD, N. H., Nov. 11, 1909.

HON. SOLON A. CARTER,  
STATE TREASURER.  
CONCORD, N. H.

DEAR SIR: -

I am in receipt of your communication wherein you request my opinion upon the construction to be put upon Sec. 2, Ch. 55, Session Laws of 1909, and especially upon the clause, "Provided however that the tax commission or other proper authority in fixing the equalized valuation for assessing state and county taxes shall exclude such stock".

It is to be noted that Sec. 2 of this act provides that the act shall take effect upon its passage, and it was approved March 10, 1909, so it clearly appears that this law was intended to be made operative without delay.

The first part of Section 2 of this act provides that no apportionment of the railroad taxes shall be made to a town on account of shares of stock held therein by banks, trustees, treasurers of societies or corporations, or by any person, society, or corporation holding such shares in a fiduciary capacity. Under this direction the State Treasurer cannot apportion any part of the money derived as specified to towns, but the question submitted arises under the part of said Section 2 first above quoted containing the proviso. Under this clause the claim is made that if the apportionment of the tax is to be in accordance with the present law, then the stocks named should be excluded from the equalized valuation and until this is done, towns are entitled to a distribution in accordance with the law as it was before the enactment of said Ch. 55.

The only apportionment act now in force is Ch. 2 Session Laws of 1907 and this must continue until the establishment of a new basis or equalized valuation, and the legislature must have so understood. We must conclude, therefore, that the clause in said Sec. 2 which provides for the exclusion of the stock named, was intended to relate to future equalized valuations, and apportionments, otherwise the operation of the law would be suspended for two years, thereby occasioning a loss to the state of many thousands of dollars, a result certainly not intended. In my opinion, you should proceed to apportion the taxes to the towns as provided in said Chapter 55, without regard to the provisions set out in the proviso. If any town is thus illegally deprived of money, the same can be ultimately restored to it.

Respectfully yours,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., Dec. 6, 1909

A. W. DEAN C. E.,

STATE ENGINEER, CONCORD, N. H.

MY DEAR SIR: -

I have considered the matter relating to a bridge at a point on the Franconia railroad in the vicinity of the Profile House where this road is crossed by a state highway, laid out by the state, under the provisions of Ch. 54, Laws 1903.

The Franconia railroad secured a location in conformity with the laws of the state, and had been so located for a number of years prior to the time when the above named highway was located and laid out by the state.

Section 2, Ch. 159, as amended by Ch. 91, Section 1, Laws of 1895, provides that no highway shall thereafter be laid or constructed across a railroad, at grade, without the consent of the railroad commissioners is first obtained. I understand that the state highway, above referred to, was laid out without the consent of the railroad commissioners having been obtained. That the railroad now claim that they had their location prior to the time when this highway was laid out, and that no permission having been obtained from the railroad commissioners, the highway in question is located upon their land and used without any legal right so to do.

The railroad commissioners are the agents of the state, and the purpose of the statute, above referred to, is to protect the public by such rules and regulations as the railroad commissioners may establish for that purpose, and it seems proper that the protection afforded to the public by such a provision, should be available, notwithstanding the fact that the road is a state road. The railroad corporation cannot recover damages from the state for any invasion of their property rights, but I think that the sanction of the railroad commissioners ought to be obtained and that this can be done, now. Following the analogy of the law, as set forth in Ch. 159, Public Stats. and its amendments, I

do not see why the state should pay all the expense of constructing an overhead bridge at the point mentioned. As a practical suggestion, it seems to me to be a case where the state and the railroad ought to come to an adjustment of their differences.

Respectfully yours,

EDWIN G. EASTMAN,  
*Attorney-General.*

---

CONCORD N. H., Dec. 13, 1909.

TO HIS EXCELLENCY, THE GOVERNOR, AND THE  
HONORABLE COUNCIL:

I am in receipt of your request for an opinion relative to your administration of Ch. 160, Laws of 1905, the same being an act establishing a board of police commissioners for the city of Berlin.

The above named statute authorizes you to appoint a board of three police commissioners for that city; and you may also remove any one, or all of the commissioners, so appointed, after a fair hearing and for just cause.

I understand that a petition has been presented to you by the City Council of Berlin, asking for an investigation of the conduct of the police commissioners appointed under said act; that you are now engaged in a hearing upon said petition; that a material witness has been summoned upon a writ of summons, duly issued, by a Justice of the Peace, for Coos Co., to attend before you upon said hearing; but that this witness neglects and refuses so to do and claims that you have no power to compel him to attend.

I have examined existing laws in relation to the attendance of witnesses and am of the opinion that the Governor and Council have no authority, under the laws creating the board of police commissioners for the city of Berlin, or under any other existing law, to require the attendance of witnesses before them.

You may investigate cases of the kind now presented in such way as you deem fit and in doing so, you are not limited by the rules respecting evidence and methods of procedure which obtain in courts. Having made such investigation as you deem proper, you may, if you are of the opinion that the public good so requires, remove any one, or all of said commissioners.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., Jan. 7, 1910.

TO THE TRUSTEES OF THE NEW HAMPSHIRE  
STATE HOSPITAL,  
CONCORD, N. H.

GENTLEMEN: -

Referring to the matter of the custody of the different funds donated by persons to the New Hampshire State Hospital for the benefit of that institution, I will say that, under the provisions of Section 4, Ch. 10, Pub. Stats. of New Hampshire, and of Ch. 86, Laws of 1897, the funds, above referred to, appear to be under the joint control of the Trustees of the hospital and the Governor and the Council. Section 1, Ch. 86, Laws of 1897, provides that no change of the trust funds shall be made except upon approval of the Governor and Council and also that in making investments of the trust funds of the hospital, the Trustees shall submit their recommendations to the Governor and Council before said investments are made. The Governor and Council may also direct in whose custody the bonds, notes, and other securities of the institution shall be kept.

I am informed that the Governor and Council have passed a vote directing the Trustees to place the bonds, notes, and other securities, representing said funds in the custody of the State Treasurer: such action is clearly

within the power of the Governor and Council, but the Trustees have power to change said trust funds upon approval of the Governor and Council and also to recommend how said trust funds shall be invested, such recommendation to be submitted to the Governor and Council before the investments are made, and the fact that the State Treasurer has the custody of these securities, does not deprive the Trustees of the right to make changes and recommendations. In other words, in my opinion, the Governor and Council cannot invest or change the securities representing these funds, without the consent and recommendation of the Board of Trustees.

Respectfully yours,

EDWIN G. EASTMAN,

*Attorney-General.*

---

CONCORD, N. H., Mar. 10, 1910

G. W. BUZZEL ESQ.,  
NASHUA, N. H.

MY DEAR SIR: -

Your letter with accompanying documents was received. I have not had time to examine the matter with much care, but it would appear that the City Council, under Sec. 1, Ch. 50 Pub. Stats. have authority to act in this matter. If they refuse to do so, then probably action on their part could be compelled by the court.

I notice the petitions are addressed to the school board but the statute, providing for the establishment of evening schools, directs that the city or town, upon proper petition, shall establish and maintain such a school. I should judge that under this statute the petition originally should have been addressed to the City Councils instead of the school board, but perhaps the petitions in the present form may be accepted as sufficient.

I am willing to give you the benefit of such information as I have upon this subject, but it is not a matter concerning which the attorney general is expected to act beyond

the indorsment of papers of the kind requiring such indorsement by the attorney general. I think you should consult some good lawyer in your city and take his advice as to the proper method of procedure and if in pursuing his instructions, it is necessary for me to do anything, by way of assistance, let me know it. I return under separate cover the petitions which you sent to me.

Yours truly,

EDWIN G. EASTMAN

*Attorney-General.*

CONCORD, N. H. March 12, 1910.

HON. HENRY C. MORRISON,  
CONCORD, N. H.

DEAR SIR: -

I am in receipt of your letter of recent date in which you inquire: "Is it competent, under the statute enacted in 1907, for the regent of the board of medical examiners, with the advice of the board, to establish one standard for hospital training schools to be in force March 8th. 1910, and at the same time give notice of another and higher standard to become operative March 8th, 1913?"

Answer, yes.

2. "Is it competent under the law to admit hospital training schools to registration which can maintain the standard required only by affiliation with similar institutions in other states, for example the Bellevue Hospital in New York City?"

Yes, if I understand the question rightly, but I am not certain whether I comprehend what is meant by affiliation with other states.

Yours truly,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., Mar. 12, 1909.

CHARLES A. PERKINS ESQ.,

MANCHESTER, N. H.

MY DEAR SIR: -

I am in receipt of your letter of the 9th inst. in which you inquire whether or not I have ruled that neither the detective fund nor money received from resident hunters' licenses, are now available for the use of the Fish & Game Commissioners.

In answer, I will say that a hasty examination of my files does not disclose any written opinion that I have given upon the subject. I think that I talked with Gen. Wentworth in regard to it at some time, but I do not now recall exactly what my conclusion was in regard to the matter. I think the state auditor and Col. Carter were of the opinion that these funds were not available for the use of the Commissioners, that a special appropriation having been made, for this department, it included all the money that was to be used by the Commissioners at any time and for any purpose, and it is likely that I concurred in that opinion.

Yours truly,

EDWIN G. EASTMAN

*Attorney-General.*

CONCORD, N. H., May 18, 1910.

HON. EDWARD N. PEARSON,

SECRETARY OF STATE,

CONCORD, N. H.

MY DEAR MR. PEARSON:

I am in receipt of your communications wherein you ask the following questions or request an answer to the same:

1. "Must a man have been a resident of a town or ward 6 months before Tuesday September 6, 1910 in order to have his name on the checklist to be used at the primary?"

Answer, yes.

2. "A legal voter in a city in March 1910 changed his ward. He will have been in his present ward more than 6 months on Tuesday Sept. 6, 1910. He desires to be a candidate for a county office, will he be on July 6, 1910, "a qualified voter therein" within the meaning of Sec. 6 paragraph 2, line 5 of the primary law?"

Answer, no.

3. Shall candidates for delegates pay a fee?

Answer, no.

4. Shall names written in on the ballot be counted (Sec. 8)?

Answer, yes.

5. In case no declarations of candidacy for an office be made and no ballots are cast for any person for such office at the primary, can the vacancy thus created be filled by the party committee?

Answer, no.

6. "Does paragraph 3 Section 13 refer only to vacancies occurring after the primary is held?"

Answer, yes.

7. "Can a nominee withdraw his name after he has filed the declaration provided in paragraph 1 of Sec. 6?"

Answer, yes.

Respectfully submitted,

EDWIN G. EASTMAN.

*Attorney-General.*

CONCORD, N. H., July 19, 1910

HON. EDWARD N. PEARSON,  
SECRETARY OF STATE,  
CONCORD, N. H.

MY DEAR SIR: -

Your letter inclosing one containing the following question is received:

"In case of only one party having a candidate for an office such as a county, senatorial or councilor office, if this

candidate's name is written in by a number of voters of the opposite party on their ballots, does such a candidate become the nominee of both parties on the official ballot, or does he only become the nominee of the party with which he declares himself affiliated?"

Under the conditions stated, in my opinion, the candidate may be the nominee of both parties, and as such, is entitled to have his name appear upon the official ballot. (Ch. 153, Laws of 1909 secs. 8--11, par. 1.)

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

---

CONCORD, N. H., June 25, 1910.

MR. E. A. BEANE,  
BERLIN, N. H.,

DEAR SIR: -

Your letter to Hon. Nathaniel Wentworth in regard to boats at the landing on the shore of Christine Lake has been sent to me with request that I reply to the same,

Section 5, Chap. 268, Laws of 1895, provides that "all persons fishing in said lake according to the provisions of this act, may hitch their horses and temporarily fasten their boats used solely for such fishing, to stakes or posts on said landing and said landing shall not be used for any other purposes, whatsoever, and no boats shall be kept at said landing or used from said landing for hire."

The boats are "solely for such fishing", and "such fishing" means the fishing allowed by this law which is in certain ways between the hours of 10 p. m. and 12 m. and to 2 p. m. 7:30 p. m.

It is my opinion that boats may be fastened at the landing during the hours persons are allowed to fish in the pond and no longer and that they may hitch their horses and allow them to remain for the same time. Hitching the horses and temporarily fastening the boats seem to be

connected in the statute and indicate that the word "temporarily" as here used means, as above stated, during the hours in the day within which persons are authorized to fish.

If I am right, in my construction of this statute, you would not have the right to leave your canoe at the landing over night.

Yours truly,

EDWIN G. EASTMAN.

*Attorney-General.*

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CONCORD, N. H., July 29, 1910.

EDWARD C. NILES ESQ.,  
SUPERVISOR IN WARD-CONCORD,  
CONCORD, N. H.

BRO. NILES: -

I am in receipt of your favor under date of July 26th inst. wherein you ask my views concerning the interpretation to be given to clauses three and five of Sect. 10 of Ch. 153 Laws of 1909, known as the direct primary law. Under said clause 3, any voter whose party membership has not been before registered, if challenged shall not be allowed to register or vote unless he makes oath or affirmation that he affiliates with and generally supports the candidates of the party with which he offers to vote and said clause 5 provides that any person already registered may change his registration by stating to the supervisor under oath, if required, that he intends to affiliate with and generally support the candidates of the party with which he offers to register.

Under this law, on Sept. 6, next, there will be no previous registration, and the provisions of clause 5, above named, will not apply to the primary to be held on that date.

Your question in substance is: Suppose a voter in 1908 participated in the caucuses of the Democratic party, can

he without committing perjury, make oath in 1910 that he "affiliates with and generally supports" the candidates of the Republican party? Would not proof that he had participated in 1908 in a Democratic caucus or had in that year voted the Democratic ticket, or taken an active part in the campaign, in any capacity, on the Democratic side, be conclusive proof of perjury under said clause 3?

The answer to this question depends, of course, upon the interpretation to be put upon the words, "affiliates with and generally supports". I understand the words, "affiliates with" as here used, to mean that the person identifies himself with a particular party and so designates himself and that to generally support the candidates of that party means that a person usually and ordinarily does so. The matter of affiliation involves a state of mind, and also the statement of an historical fact.

If I am correct in my understanding of the definition of the terms used, the acts stated in your question would be evidence, but not conclusive evidence of perjury. For example, it is said that in the presidential election of 1904, many so called "Gold Democrats" actively assisted and voted for the Republican candidate for the presidency. If our direct primary law had been in effect at the next election, state or national, and these persons upon being challenged made the required oath that they were Democrats, the fact that they were active in support of and voted for the Republican candidate at the last election would not appear to be conclusive evidence that they were other than Democrats.

- Offers by members of one party to vote in the primary of another for a candidate for that other party, in return for support of one of their own candidates in the subsequent election presents a case unlike the one stated in the above example. And it seems clear that if an arrangement

of the kind indicated should be entered into it would be within the inhibitions of the direct primary law.

Yours truly,

EDWIN G. EASTMAN,

*Attorney-General*

---

CONCORD, N. H., July 19, 1910.

HON. EDWARD N. PEARSON,

SECRETARY OF STATE,

CONCORD, N. H.,

MY DEAR SIR: -

In the matter of the declaration of Marilla M. Ricker, of Dover, presented to you, in your official capacity, announcing her candidacy for the office of Governor of this state, the question of the right of the Secretary of State to place declarant's name upon the ballot to be used at the direct primary election to be held Sept. 6th, 1910, is raised.

It is conceded that the declarant is a woman, and such being the fact, she is not a qualified voter in the city of Dover, for the purposes of the election to be held on said Sept. 6th, (Laws of 1909, Ch. 153, Sec. 9). The office of Governor of this state is a public office, and under existing laws women are disqualified to take an official part in the government of the state. *Opinion of the Justices, 73 N. H. 621; Ricker's Petition 66 N. H. 207; Robinson's case 131 Mass. 376.* It could not have been intended that a person who cannot legally hold an office, if nominated, and elected thereto, should nevertheless be entitled to have his or her name placed upon the official ballot. As we understand the law, you have no legal right to place declarant's name upon the official ballot.

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*

CONCORD, N. H., July 19, 1910.

HON. EDWARD N. PEARSON,  
SECRETARY OF STATE,  
CONCORD, N. H.,

MY DEAR SIR: -

Your letter inclosing one containing the following question is received:

"In case of only one party having a candidate for an office such as a county, senatorial or councilor office, if this candidate's name is written in by a number of voters of the opposite party on their ballots, does such a candidate become the nominee of both parties on the official ballot, or does he only become the nominee of the party with which he declares himself affiliated?"

Under the conditions stated, in my opinion, the candidate may be the nominee of both parties, and as such, is entitled to have his name appear upon the official ballot. (Ch. 153, Laws of 1909 secs. 8-11, par. 1.)

Respectfully submitted,

EDWIN G. EASTMAN,

*Attorney-General.*





# CATALOG

OF THE

## NEW HAMPSHIRE COLLEGE

OF

Agriculture and the Mechanic Arts

DURHAM, NEW HAMPSHIRE

1910-1911



## TABLE OF CONTENTS.

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	Page
Calendar.....	4
College Calendar.....	5
Board of Trustees.....	6
Officers of Instruction and Administration.....	6
Agricultural Experiment Station.....	8
Board of Control.....	8
Station Staff.....	8
Foundation and Endowment.....	8
Situation.....	10
Sunday Services.....	10
General Information.....	10
Tuition and Fees.....	11
Scholarships.....	11
Prizes.....	12
College Aid to Students.....	13
Estimate of Freshman Expenses.....	13
Registration.....	13
Election of Studies.....	14
Attendance and Excuses.....	14
Amount of Work.....	15
Removal of Entrance Conditions.....	15
Requirements for Admission to Four-Year Courses.....	16
Schedule of September Entrance Examinations.....	23
Requirements for Graduation.....	24
Buildings.....	25
Laboratories and Equipment.....	26
Four-Year Courses.....	31
Description of Studies.....	34
Courses of Study.....	70
Schedule of Hours.....	83
Schedule of Examinations.....	101
Two-Year Course in Agriculture.....	104
Requirements for Admission.....	104
Certificates of Graduation.....	105
Description of Studies.....	105
Courses of Study.....	110
Schedule of Hours.....	112
Ten-Week Course in Dairying.....	114
Agricultural Experiment Station.....	116
Commencement.....	118
Degrees Conferred.....	118
Certificates Awarded.....	119
Honor List.....	119
Prize Record.....	120
Roster of Battalion.....	122
Register of Students.....	124

# CALENDAR

## 1910

## 1911

## 1912

### JULY

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### JANUARY

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### JANUARY

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### FEBRUARY

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### OCTOBER

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### NOVEMBER

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### JUNE

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**COLLEGE CALENDAR.**

1910.  
 Sept. 9-13. Examinations for admission begin Friday at 8.30 a. m.  
 Sept. 14. Registration, Wednesday. First semester begins.  
 Oct. 12. Stated meeting of Trustees.  
 Nov. 23. College closes Wednesday at 11.50 a. m.

**THANKSGIVING VACATION.**

- Nov. 29. College opens Tuesday at 8 a. m.  
 Dec. 23. College closes Friday night.

**CHRISTMAS VACATION.**

1911.  
 Jan. 5. College opens Thursday at 8 a. m.  
 Jan. 11. Stated meeting of Trustees.  
 Jan. 26-31. Mid-year examinations.

**WINTER VACATION.**

- Feb. 9. Registration, Thursday. Second semester begins.  
 April 12. Stated meeting of Trustees.  
 June 6. Senior examinations completed 4 p. m.  
 June 7-12. Final examinations.  
 June 11. Baccalaureate sermon, Sunday at 10.45 a. m.  
 June 12. Prize Drill, 8 p. m., in the Armory.  
 June 13. Class Day. Stated meeting of Trustees.  
 June 14. Commencement Day. Senior Promenade at 8 p. m.

**SUMMER VACATION.**

- Sept. 8-12. Examinations for admission begin Friday at 8.30 a. m.  
 Sept. 13. Registration, Wednesday. First semester begins.  
 Oct. 11. Stated meeting of Trustees.  
 Nov. 22. College closes Wednesday at 11.50 a. m.

**THANKSGIVING VACATION.**

- Nov. 28. College opens Tuesday at 8 a. m.  
 Dec. 22. College closes Friday night.

**CHRISTMAS VACATION.**

1912.  
 Jan. 4. College opens Thursday at 8 a. m.  
 Jan. 10. Stated meeting of Trustees.  
 Jan. 25-30. Mid-year examinations.

**WINTER VACATION.**

- Feb. 8. Registration, Thursday. Second semester begins.

## BOARD OF TRUSTEES.

HIS EXCELLENCY, GOV. HENRY B. QUINBY, A. M., M. D., LL. D.,  
*ex-officio.*

PRES. WILLIAM D. GIBBS, D. Sc., *ex-officio.*

HON. WARREN BROWN, Hampton Falls, *President.*

Sept. 21, 1887, to June 14, 1913.

HON. LUCIEN THOMPSON, Durham, *Secretary.*

July 28, 1892, to June 14, 1913.

HON. JOHN G. TALLANT, West Concord.

July 28, 1892, to July 20, 1912.

WALTER DREW, Colebrook.

Aug. 30, 1902, to Aug. 30, 1911.

HON. RICHARD M. SCAMMON, Stratham.

Aug. 30, 1899, to Aug. 30, 1911.

HON. ROSECRANS W. PILLSBURY, Londonderry.

Oct. 7, 1897, to Oct. 7, 1912.

HON. NAHUM J. BACHELDER, M. S., A. M., East Andover.

Jan. 5, 1905, to Jan. 5, 1911.

HON. EDWARD H. WASON, B. S., Nashua, *Alumni Trustee.*

July 1, 1907, to July 1, 1913.

GEORGE W. CURRIER, M. D., Nashua.

Oct. 9, 1906, to June 14, 1913.

HON. GEORGE H. BINGHAM, A. B., LL. B., Manchester.

Dec. 2, 1908, to Dec. 2, 1911.

RICHARD W. SULLOWAY, A. B., Franklin.

Oct. 9, 1909, to Oct. 9, 1912.

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 OFFICERS OF INSTRUCTION AND  
ADMINISTRATION.

WILLIAM D. GIBBS, D. Sc., *President of the College.*

CHARLES H. PETTEE, A. M., C. E., *Dean and Professor of Mathematics.*

CLARENCE W. SCOTT, A. M., *Professor of History and Political Economy.*

CHARLES L. PARSONS, B. S., *Professor of Inorganic Chemistry.*

FREDERICK W. TAYLOR, B. Sc. (Agr.), *Professor of Agronomy.*

ARTHUR F. NESBIT, S. B., A. M., *Professor of Physics.*

RICHARD WHORISKEY, Jr., A. B., *Professor of Modern Languages.*

FREDERIC W. PUTNAM, B. S., *Professor of Drawing and Design.*

CHARLES BROOKS, Ph. D., *Professor of Botany.*

- CHARLES E. HEWITT, B. S., M. M. E., *Professor of Electrical Engineering.*
- BETHEL S. PICKETT, M. S., *Professor of Horticulture.*
- ERNEST R. GROVES, A. B., B. D., *Professor of English and Philosophy and Secretary of the Faculty.*
- FORREST E. CARDULLO, M. E., *Professor of Mechanical Engineering.*
- G. W. EDGERLY, Second Lieutenant, Second U. S. Infantry, *Professor of Military Science and Tactics.*
- FRED RASMUSSEN, B. S. A., *Professor of Dairying.*
- C. FLOYD JACKSON, B. S., M. A., *Professor of Zoölogy.*
- W. C. O'KANE, M. S., *Professor of Economic Entomology.*
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- CHARLES JAMES, F. I. C., *Associate Professor of Inorganic Chemistry.*
- FRANK C. MOORE, A. B., *Associate Professor of Mathematics.*
- MABEL HODGKINS, A. B., B. S., *Librarian.*
- EVAN J. DAVID, A. B., *Assistant Professor of Rhetoric and Literary Criticism.*
- O. L. ECKMAN, B. S. (Agr.), *Assistant Professor of Animal Husbandry.*
- THOMAS J. LATON, B. S., *Instructor in Drawing.*
- W. H. WOLFF, M. S., *Instructor in Pomology.*
- E. F. LITTLE, *Instructor in Woodworking.*
- TELEPHONE TAISNE, B. A., B. D., *Instructor in Modern Languages.*
- W. L. SLATE, Jr., B. S. (Agr.), *Instructor in Agronomy.*
- JOHN C. TONKIN, *Instructor in Machine Work and Forging.*
- J. J. GARDNER, B. S., *Instructor in Olericulture.*
- L. W. HITCHCOCK, M. E., *Instructor in Electrical Engineering.*
- S. H. KATZ, B. S., C. E., *Instructor in Chemistry.*
- CAROLINE A. BLACK, A. M., *Instructor in Botany.*
- DAVID LUMSDEN, *Assistant in Floriculture and Foreman of Grounds.*
- LESTER A. PRATT, B. S., *Assistant in Chemistry.*
- J. H. PIERPONT, B. S., *Assistant in Dairying.*
- CORNELIA F. KEPHART, B. S. A., *Assistant in Zoölogy.*
- CHARLOTTE A. THOMPSON, *Assistant Librarian.*
- CHARLES W. STONE, A. M., *College Farmer.*
- OSCAR W. STRAW, *Engineer and Curator of Buildings.*
- MARCIA N. SANDERS, *Matron of Smith Hall.*

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- MABEL E. TOWNSEND, A. B., *Registrar.*
- MIRIAM L. HOBBS, *Purchasing Agent.*
- M. GENEVIEVE BURT, *Bookkeeper.*
- BEATRICE M. RICHMOND, *Stenographer.*

NEW HAMPSHIRE  
AGRICULTURAL EXPERIMENT STATION.

BOARD OF CONTROL.

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THE STATION STAFF.

JOHN C. KENDALL, B. S., *Director*.  
 FREDERICK W. TAYLOR, B. Sc., (Agr.) *Agronomist*.  
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 DAVID LUMSDEN, *Assistant in Floriculture*.  
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 M. GENEVIEVE BURT, *Bookkeeper*.  
 MABEL H. MEHAFFEY, *Stenographer*.  
 MARY L. BURNHAM, *Stenographer*.

The bulletins of the Experiment Station are published at irregular intervals, and are sent *free* to all residents of New Hampshire requesting them.

FOUNDATION AND ENDOWMENT.

The New Hampshire College of Agriculture and the Mechanic Arts was incorporated by the state Legislature in 1866, under the provisions of the act of Congress, approved July 2, 1862, entitled "An act donating public lands to the several states and territories which may provide colleges for the benefit of agriculture and the mechanic arts," the grant

of land having been accepted by an act of Legislature, approved July 9, 1863.

The act of 1862 provides that the income from the investment of the money realized from the sale of the lands shall be appropriated "to the endowment, support, and maintenance of at least one college where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, . . . in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

The "Morrill Bill," which was approved August 30, 1890, and received the assent of the state by an act of Legislature, approved February 13, 1891, provides an appropriation for the more complete endowment and support of the colleges for the benefit of agriculture and the mechanic arts, established under the provisions of "the act of 1862."

The appropriation under the Morrill act is "to be applied only to instruction in agriculture, the mechanic arts, the English language, and the various branches of mathematical, physical, natural and economic science, with special reference to their applications in the industries of life, and to the facilities for such instruction."

Under an act of Congress approved March 2, 1887, which received legislative assent August 4, 1887, was established that department of the college known as the Agricultural Experiment Station, the purpose of which was "to aid in acquiring and diffusing among the people of the United States useful and practical information on subjects connected with agriculture, and to promote scientific investigation and experiment respecting the principles and applications of agricultural science."

Benjamin Thompson, who died January 30, 1890, was a resident of Durham, and a farmer by profession. He had at heart the agricultural interests of his native state, and in the furtherance of those interests he bequeathed to it at his death his whole estate with a few minor reservations.

Mr. Thompson's final statement of the object of his bequest was as follows: "My object being mainly to promote the improvement of agriculture, though willing that the college to be established should also provide for the mechanic arts, it is my will that the institution to be established by the state . . . shall be called and designated . . . The New Hampshire College of Agriculture and the Mechanic Arts, if that shall be the wish of the state; and that in addition to the instruction to be given therein, as provided by my said will, there shall be taught only such other arts or sciences as may be necessary to enable said state to fully avail itself of said donation of lands by the government in good faith, which two branches of instruction shall be the leading objects of said institution or college."

By the provisions of the will, the income from this source became available in 1910. This endowment amounts to nearly \$800,000, the annual income from which is about \$32,000.

The state Legislature accepted the Thompson bequest March 5, 1891, and on April 10 of the same year appropriated \$100,000 for buildings. Approximately \$50,000 was realized from the sale of property and from other sources. In 1893 an additional appropriation of \$35,000 was made by the state for completing and furnishing the buildings. Accordingly, in 1893 the college was moved from its first home at Hanover to its present location at Durham.

The general government of the college is vested in a board of thirteen trustees. The governor of the state and the president of the college are trustees, *ex-officio*; the alumni of the college elect one trustee; and all other trustees are appointed by the governor of the state, with the advice and consent of the council.

The college is executing the trust reposed in it by giving instruction in the various courses described in this catalog, under the prescribed heads of "agriculture" and "the mechanic arts."

## SITUATION.

Durham, the present site of the college, is on the Portland Division of the Boston and Maine Railroad, sixty-two miles from Boston, and about midway between Rockingham Junction and the city of Dover, being five miles from the latter place.

## SUNDAY SERVICES.

Although the only church in Durham is nominally Congregational, it is attended by citizens of all denominations, and sectarian lines are never drawn. It is conveniently situated, and offers ample opportunity for religious observance.

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## GENERAL INFORMATION.

New Hampshire College offers the following courses:

1. Agricultural Courses.
  - a. Four-Year Course.
  - b. Two-Year Course.
  - c. Ten-Week Course.
2. Mechanical Engineering Course.
3. Electrical Engineering Course.
4. Chemical Engineering Course.
5. Arts and Science Course.

The college is a part of the public school system of the state. It stands in its agricultural, mechanical, engineering, electrical engineering, technical chemistry, and general scientific courses, in the same relation to the high schools that the high schools stand to the grammar schools, and that these in turn stand to the elementary schools. In other words, it is a continuation of the grades of the public school system of the state, with special reference to the industrial pursuits, and aims to give a practical training that shall fit the student to deal with the problems of life.

#### TUITION AND FEES.

Tuition is \$60 a year; fees, which include all charges commonly considered extras, except those for breakage and damage to college property, are \$20 a year. They are payable in advance in two equal instalments, one on the first day of each semester. By vote of the Trustees, all members of the senior class are assessed a graduation fee of five dollars.

#### SCHOLARSHIPS.

Scholarships are awarded each semester at the discretion of the faculty to resident students of New Hampshire. They may be forfeited at any time for misconduct and will not be awarded except by special permission of the president, to students in the four year courses who have failed to secure an average grade of sixty or over in the previous semester. They are given for the purpose of aiding deserving students and will be withdrawn from those who use intoxicating liquor or tobacco.

*Conant Scholarships.*—There are twenty-five Conant scholarships, each paying tuition, \$60, fees, \$20, cash, \$20,—total, \$100. These are assigned under the following conditions:

They are to be given to young men taking the agricultural course.

Each town in Cheshire County is entitled to one scholarship, and Jaffrey is entitled to two.

They will be reserved for their respective towns until August 1 of each year. Those not taken by students from Cheshire County, and those in excess of the number of towns, will then be assigned to agricultural students from other parts of the state, and may be divided at the discretion of the president.

*Senatorial Scholarships.*—There are twenty-four senatorial scholarships, one for each senatorial district. Each scholarship is to pay tuition, \$60. Senatorial scholarships not filled may be assigned to students from other localities at the discretion of the faculty; they are open to students in all courses.

*Grange Scholarships.*—Each subordinate and Pomona Grange in New Hampshire has the privilege of appointing one student annually to a free scholarship in any of the four year or two year courses in the college.

Each scholarship is to pay the tuition of \$60. The method of appointment is entirely at the option of the grange; it may be by election, competitive examination, or otherwise. Holders of these scholarships need not be members of the grange.

*Valentine Smith Scholarships.*—Through the generosity of the late Mr. Hamilton Smith of Durham, the sum of \$10,000 has been given to the college to establish the Valentine Smith scholarships.

“The income thus accruing to the college shall be given to the graduate of an approved high school or academy who shall, upon examination, be judged to have the most thorough preparation for admission to the college; *provided,*

“That if the student receiving this scholarship shall at any time prove unworthy, in the judgment of the faculty, by reason of defective scholarship or character, he shall forfeit his claim to the student most deserving; and

“That if the student receiving this scholarship shall cease to be a member of the college, the income from this fund, for the unexpired term, shall be awarded to the student most deserving in character and scholarship.”

By vote of the faculty, these scholarships will be forfeited by failure to obtain an average grade of 75 per cent. for any semester. These scholarships yield \$400 annually or one hundred dollars to each holder. Competitive examinations for this scholarship will be held at the college at the time of the entrance examinations in September, and at no other time. They are not restricted to residents of New Hampshire. Beginning June, 1912, these examinations will be given in June and not in September.

#### PRIZES.

*Bailey Prize.*—Dr. C. H. Bailey, of Gardner, Mass., and E. A. Bailey, B. S., of Keene, N. H., offer a prize of ten dollars for proficiency in chemistry.

*Erskine Mason Memorial Prize.*—Mrs. Erskine Mason of Stamford, Conn., has invested one hundred dollars as a memorial to her son, a member of the class of 1893, the income of which is to be given, for the present, to that member of the senior class who has made the greatest improvement during his course.

*Chase-Davis Memorial Medals.*—The Glee Club has offered to furnish yearly a gold medal to the senior who has won his N. H. and stands highest in his studies, and a silver medal to the senior who has won his N. H. and stands second in his studies, the medals to be known as the Chase-Davis memorial medals.

## COLLEGE AID TO STUDENTS.

Students obtain considerable financial aid by janitorships, and work on the farm and in the greenhouse. They also find employment with the power and service department of the college and with the experiment station.

Students may purchase at cost all books, drawing instruments, materials, etc., at the college book-store in Thompson Hall.

## ESTIMATE OF FRESHMAN EXPENSES.

Tuition,	Free	\$60.00
Text-books,	\$12.00 to	20.00
Military uniform for new students,	20.00 to	20.00
Drawing instruments and materials,	12.00 to	25.00
Fees,	20.00 to	20.00
Room rent, including heat and light,	30.00 to	60.00
Board, \$2.75 to \$3.50 per week, for thirty-six weeks,	99.00 to	126.50
	<hr/>	<hr/>
Total,	\$193.00	\$331.50

This total does not include incidentals (such as traveling expenses, laundry, etc.)

Room rent is estimated on the supposition that two students occupy the same room or suite of rooms.

The college has no rooms for men students. Rooms may be obtained either furnished or unfurnished, in buildings under private control, and are for the most part provided with heating apparatus, electric lights and baths.

Women students, unless living at home, are required to room in Smith Hall, the woman's dormitory.

Table board is \$4.00 a week and prices for rooms range from \$1.25 to \$2.00 a week. Rooms will be assigned to old students in order of their seniority, and to new students according to their date of application. Applications for rooms should be made to the dean.

## REGISTRATION.

Every undergraduate student who desires to attend the college during a given semester is required to register at the registrar's office before 4 p. m. of the first day of such semester. Every former student registered after the first day of any semester will be charged for such registration a fine of one dollar for the first day and fifty cents additional for each succeeding day, to be remitted only by the president upon presentation of a substantial excuse for the delay.

### ELECTION OF STUDIES.

On or before the Saturday before the last in each semester, every student is required to notify the registrar, in writing, of his elections for the semester following.

Every student who fails to fill out his elective slip on or before the date mentioned is required to pay a fine of one dollar before he can be registered for the studies of the next semester, unless he has previously obtained from the president a written excuse for delay.

Every student who, having made his elections, desires to change, is required to file with the registrar a written statement of the changes desired and his reasons therefor.

No student will be permitted to make changes in courses elected by him after one week from the time of his registration in each semester, except by vote of the faculty and the payment of one dollar.

Every student is responsible for all work assigned him on his registration card, and no credit will be given for any course unless the student is registered for the same.

### ATTENDANCE.

Unless excused by proper authority, all male students are required to complete three years' satisfactory work in Drill and two years' satisfactory work in theoretical Military Science.

Students are expected to attend all convocation exercises and all meetings of the classes in which they are enrolled.

Instructors and monitors will report all absences to the registrar daily on slips provided for the purpose.

Any student whose attendance is unsatisfactory will receive a warning from the dean. If his attendance is still unsatisfactory, the dean may place him on probation.

All unexcused absences will count double on the last two days preceding and on the first two days following all vacations and holidays.

All classes will begin at seven minutes after the hour scheduled, and close promptly at the end of the hour.

### EXCUSES.

The dean has the sole power to grant excuses for absence except in cases reserved for action by the president.

All applications for excuses should be made in advance at the office of the dean. When this is impossible, the application must be made within forty-eight hours of the expiration of the period of absence. If an excuse is for an indefinite time, the student must report to the registrar within forty-eight hours after his return to his studies. The dean may refuse to consider any application which does not conform to these rules.

Instruction trips of classes must be arranged with the other instructors affected, and with the dean at least one week in advance by the instructors interested.

Arrangements for trips of athletic teams must be approved by the faculty member of the athletic association, and excuses for absence on account of such trips must be obtained from the dean in advance by the managers. All non-athletic organizations are required to obtain from the president permission to leave Durham for the purpose of taking part in any public engagement.

Class and other group trips which are not for the purpose of representing the college in a public capacity must be arranged for in advance with the dean.

No student will be excused from drill on account of physical disability, unless he has obtained from the physician designated by the college a certificate to that effect.

#### AMOUNT OF WORK.

No student will be permitted to carry less than sixteen or more than twenty-two credit hours per week of classroom work or its equivalent, without the consent of the faculty.

Each student who is a candidate for a degree must register for the number of hours' work prescribed in each term's schedule in the course he is pursuing.

#### REMOVAL OF ENTRANCE CONDITIONS.

Students who have entrance conditions must, at or before the time of admission to the college, state in writing the subjects they wish to offer to make up these deficiencies.

An entrance condition in any subject not taught in the college may be removed by examination.

An entrance condition in any subject taught in college may be removed by the completion of a corresponding course in the subject, when given, in which case it will not count toward graduation; or by the completion of an advanced course in the subject, when given. In the case of an advanced course, a student must have completed an entrance course in the subject in some preparatory school or must satisfy the Entrance Committee that his preparation is sufficient to enable him to take up the work. If a grade of 70 or over is obtained, such course may count both toward entrance and graduation.

An entrance condition in any subject taught in college may be made up by examination only by special vote of the Entrance Committee.

Students who are to take examinations to make up entrance conditions may have an opportunity to do so upon the three days preceding the beginning of each semester, and upon the last Saturday of each

semester. A student who takes a deficiency examination upon an entrance subject at any other time must pay the college one dollar for each examination upon each subject.

Every student who has an entrance condition outstanding at the beginning of the third year of residence at the college or more than one at the beginning of the second year will not be allowed to register until such conditions have been removed.

## REQUIREMENTS FOR ADMISSION TO FOUR-YEAR COURSES.

All candidates for admission to college must present satisfactory testimonials of good moral character.

Candidates for admission to the freshman class must offer studies amounting to a total of fifteen units.

The equivalent of work done in an approved high school for one year of five recitations a week will be accepted for one unit. However, the work of one year of four recitations a week may be accepted for one unit, provided the work is done in the last two years of a preparatory course.

### AGRICULTURAL COURSE.

Candidates for admission who intend to take the Agricultural Course must offer eleven and one-half units from required subjects and three and one-half units from elective subjects, according to the following statement:

(Required) Group A (English) .....	4	units
" B (American History or Ancient History) .....		1 unit
" C (Algebra and Plane Geometry).....	2½	units
" D (Physics and Biology) .....	2	units
" E (French or German).....	2	units
		11½ units
(Elective) Groups B to F inclusive .....	3½	units
		15 units

### ARTS AND SCIENCE COURSE.

Candidates for admission who intend to take the Arts and Science Course must offer ten and one-half units from required subjects and

four and one-half units from elective subjects, according to the following statement:

(Required) Group A (English) .....	4	units
" B (American History and Ancient History) .....	2	units
" C (Algebra and Plane Geometry).....	2½	units
" E (French or German) .....	2	units
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	10½	units
(Elective) Groups B to F inclusive .....	4½	units
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Total .....	15	units

### ENGINEERING COURSES.

Candidates for admission who intend to take the Engineering Courses must offer eleven and one-half units from required subjects and three and one-half units from elective subjects, according to the following statement. For the present an elective half unit will be accepted in place of Trigonometry. Students offering Trigonometry for admission will be given an equivalent amount of advanced work:

(Required) Group A (English) .....	4	units
" B (American History or Ancient History) .....	1	unit
" C (Algebra, Plane and Solid Geometry and Plane Trigonometry) .....	3½	units
" D (Physics) .....	1	unit
" E (French or German) .....	2	units
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	11½	units
(Elective) Groups B, D, E and F .....	3½	units
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Total .....	15	units

### GROUP A, ENGLISH.

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence and appreciation.

The first object requires instruction in grammar and composition. The second object is sought by means of two lists of books, headed respectively Reading and Study, from which may be framed a progressive course in literature covering four years. A candidate will not be accepted in English whose work is notably deficient in point of spelling, punctuation, phraseology or division into paragraphs.

**Reading.**—The aim of this course is to foster in the student the habit of intelligent reading, and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of that he reads.

**Study.**—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading are provided a play, a group of poems, an oration and an essay.

The first part of the examination will be upon the books prescribed for reading, and the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose out of a considerable number. It may include also questions upon grammar and the simpler principles of rhetoric.

The second part of the examination will include composition and those books comprised in the list headed Study. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for Study, from the candidate's other studies, and from his personal knowledge and experiences quite apart from reading.

The books for reading in 1911 and 1912 are:

**Group I (two to be selected).**

Shakespeare's *As You Like It*, *Henry the Fifth*, *Julius Cæsar*, *The Merchant of Venice*, *Twelfth Night*.

**Group II (one to be selected).**

Bacon's *Essays*; Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverley Papers in the Spectator*; Franklin's *Autobiography*.

**Group III (one to be selected).**

Chaucer's *Prologue*; Spenser's *Færie Queene*, Part I; Pope's *Rape of the Lock*; Goldsmith's *Deserted Village*; Palgrave's *Golden Treasury* (First Series) Books II and III, with special attention to Dryden, Collins, Gray, Cowper and Burns.

**Group IV (two to be selected).**

Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; Dickens' *Tale of Two Cities*; George Eliot's *Silas Marner*; Blackmore's *Lorna Doone*.

**Group V (one to be selected).**

Irving's Sketch Book; Lamb's Essays of Elia; De Quincey's Joan of Arc and The English Mail Coach; Carlyle's Hero as Poet, Man of Letters and as King; Emerson's Essays (selected); Ruskin's Sesame and Lilies.

**Group VI (two to be selected).**

Coleridge's Ancient Mariner; Scott's Lady of the Lake; Byron's Mazeppa and The Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats and Shelley; Macaulay's Lays of Ancient Rome; Poe's Poems; Lowell's Vision of Sir Launfal; Arnold's Sohrab and Rustum; Longfellow's Courtship of Miles Standish; Tennyson's Princess; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Evelyn Hope, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, The Boy and the Angel, One Word More, Hervé Riel, and Pheidippides.

The books for study in 1911 and 1912 are:

Shakespeare's Macbeth; Burke's Speech on Conciliation with America, or both Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson or Carlyle's Essay on Burns; and either Milton's Comus, L'Allegro, and Il Penseroso or Tennyson's Gareth and Lynette, Lancelot and Elaine, and the Passing of Arthur.

**GROUP B, HISTORY.**

Although there are excellent text books in history, adequate preparation cannot be obtained by text book work only. Some collateral work is necessary, whatever text book is used, and with certain text books a large amount is necessary. The details of the preparatory work in history are fully stated in A History Syllabus for Secondary Schools, by the New England History Teachers' Association. Boston, D. C. Heath & Co., 1904.

**American History and Civics.**

The work in Civics must include at least a study of the Constitution of the United States. Representative text books are Channing's Students' History, Hart's Essentials of American History, Montgomery's Students' History and Larned's History of the United States.—1 unit.

**Ancient History (Grecian and Roman).**

Representative text books are Morey's Greek History, Myers' History of Greece, Allen's Roman People, Morey's Roman History, Myers' Rome, West's Ancient World, and Wolfson's Essentials of Ancient History. — 1 unit.

**English History.**

Representative text books are Larned's History of England, Montgomery's English History, and Walker's Essentials of English History. An excellent preparation may be made by the combined use of Trenholme's Outline of English History, Cheyney's Short History of England and Cheyney's Readings in English History. —1 unit.

**Mediaeval and Modern History.**

Representative text books are Harding's Essentials of Mediæval and Modern History and Myers' Mediæval and Modern History. —1 unit.

**GROUP C, MATHEMATICS.****Algebra.**

Through quadratic equations, including radicals and fractional and negative exponents, binomial theorem and progressions,—five periods per week for one and one-half years. —1½ units.

**Plane Geometry.**

The equivalent of Wells' presentation. —1 unit.

**Solid Geometry.**

The equivalent of Wells' presentation. —½ unit.

**Plane Trigonometry.**

The equivalent of Wells' presentation. —½ unit.

**GROUP D, SCIENCE.**

Accompanying the certificates for each of the sciences the student **MUST** present at entrance a note-book containing records and drawings of his or her observations and experiments in the laboratory, which must bear the certificate of the teacher in charge that the work was done personally in the laboratory.

**Biology.**

Students in the Agricultural Course must present either.

**A. Zoölogy.**

Kellogg's Elementary Zoölogy, Linville and Kelly's Text Book in General Zoölogy. Jordan, Kellogg and Heath's Animals, Needham's Lessons in Zoölogy, Coulton's Zoölogy, or an approved equivalent, occupying five periods per week for a half year, of which at least one is devoted to laboratory work. —½ unit.

and Botany.

Bergen's Elements of Botany, or an approved equivalent, occupying five periods per week for a half year, of which at least one is devoted to laboratory work. — $\frac{1}{2}$  unit.

or

B. Botany.

Coulter's Text Book of Botany, Bergen's Foundations of Botany, or an approved equivalent, occupying five periods per week for one year, of which at least one is devoted to laboratory work. —1 unit.

### Chemistry.

Elementary Inorganic Chemistry equivalent to the work covered in Remsen's Briefer Course, Hessler & Smith's Essentials. McPherson & Henderson's Elementary Study or Newell's Descriptive Chemistry, accompanied in each instance with laboratory practice. —1 unit.

### Geology.

Leconte's Compend or an approved equivalent. — $\frac{1}{2}$  unit.

### Physics.

The preparation required for entrance in Physics shall be an equivalent of five exercises a week for one year, of which at least two are devoted to laboratory work. —1 unit.

## \* GROUP E, MODERN LANGUAGES.

### French.

Two years are required for preparation in French. Work of the first year should include (1) careful drill in pronunciation, (2) drill upon the rudiments of grammar, (3) abundant translation of simple English prose into idiomatic French, (4) reading of from 100 to 175 pages of French prose, (5) writing French from dictation. Work of the second year should include (1) the reading of from 250 to 400 pages of easy modern prose, (2) constant practice in translating from English into French variations of the text read, (3) frequent paraphrases of the text read, (4) dictation. —2 units.

### German.

Two years are required for preparation in German. Work of the first year should include (1) careful drill in pronunciation, (2) drill upon the rudiments of grammar, such as the inflection of the articles, the common nouns, adjectives, pronouns and strong and weak verbs, upon the uses of the prepositions, the modal auxiliaries and the rules of syntax and word order, (3) writing from dictation, (4) the reading

\*In the year 1912-1913, preparatory schools will be required to certify with regard to the oral and aural qualification of their students.

of from 75 to 100 pages of prose, (5) translation from English into German. Work of the second year should include (1) the reading of from 150 to 200 pages of prose, (2) constant practice in translating from English into German variations of the text read, (3) dictation, (4) continued drill upon the rudiments of grammar, (5) frequent paraphrases of the text read. —2 units.

### GROUP F, ANCIENT LANGUAGES.

Students entering from approved schools may receive credit in their certificates for the following work in Greek or Latin:

#### Greek.

Books I and II of Xenophon's Anabasis, Books III and IV of the Anabasis or their equivalent in other Attic prose. Two years' work. —2 units.

#### Latin.

Grammar and four books of Cæsar. Two years' work. —2 units.  
Vergil, six books.  
Cicero, six orations. —2 units.

#### Certificates.

In place of examinations, certificates will be received from approved preparatory schools, including all that have been approved by the superintendent of public instruction in New Hampshire. Approval of a school will be withdrawn whenever it appears that the work of the school does not reach the standard required by the college. No certificate will be accepted from a private tutor or instructor.

Certificates should meet the requirements in full; in case of exceptions the candidate will be examined on any requirement not covered by the certificate. If the certificate makes any exception in the case of a student who has not regularly graduated from an approved school, the certificate will not be accepted, and the student will be examined on all the requirements.

Certificates will be accepted for that work only which has been done in the certifying school, or which is necessarily involved in the work done there; work done in the grammar school must not be certified unless reviewed in the high school.

Suitable credit may be given on entrance requirements for properly certified high school work in drawing, shop-work and agriculture; also, for an extra year's work in any required or elective subject, provided after careful examination it is found that this work is additional to that regularly required.

Certificates must be made out on a blank furnished by the college, and should be mailed to the dean at the close of the school year.

**Complete Certificates.**

The signature of the principal is to be affixed to the general certificate, and to that of each department in which the work of the candidate is certified.

**Partial Certificates.**

In case the work of a graduate has not been up to certificate grade in one or more subjects, the principal is requested to sign the general certificate, crossing out the words "and that in my judgment he is prepared to enter at once upon the work of the freshman year." He is also requested to fill out the group certificates in full except signature, the signature being attached only to such as indicate certificate grade.

Divided certificates from two or more schools will be accepted when the preparatory work has been done in more than one institution.

Certificate forms will be furnished upon application.

Candidates for advanced standing are also examined in the studies that have been pursued by the class which they propose to enter.

Examinations will be given, in the subjects presented for admission, beginning Friday of the week preceding the opening of the college year. Candidates will present themselves with their credentials at the registrar's office on the first day of the examinations. Beginning June, 1912, the Valentine Smith Scholarship examinations will be held in June and not in September.

**SCHEDULE FOR SEPTEMBER ENTRANCE EXAMINATIONS.****Friday, September 8, 1911.**

Mediaeval and Modern History . . . . .	8.30—10.30 A. M.
Algebra . . . . .	10.30—12.30 A. M.
English . . . . .	1.30— 3.30 P. M.
Plane Geometry . . . . .	3.30— 5.30 P. M.

**Saturday September 9, 1911.**

English History . . . . .	8.30—10.30 A. M.
Physics . . . . .	10.30—12.30 A. M.
Latin, elementary . . . . .	1.30— 3.30 P. M.
Latin, advanced . . . . .	3.30— 5.30 P. M.

**Monday, September 11, 1911.**

Chemistry . . . . .	8.30—10.30 A. M.
American History . . . . .	10.30—12.30 A. M.
French . . . . .	1.30— 3.30 P. M.
Solid Geometry . . . . .	3.30— 5.30 P. M.

Tuesday, September 12, 1911.

Ancient History .....	8.30—10.30 A. M.
Plane Trigonometry .....	10.30—12.30 A. M.
German .....	1.30— 3.30 P. M.
Botany .....	3.30— 5.30 P. M.

Wednesday, September 13, 1911.

Geology .....	8.30—10.30 A. M.
Zoölogy .....	10.30—12.30 A. M.
Greek, elementary .....	1.30— 3.30 P. M.

## REQUIREMENTS FOR GRADUATION FROM FOUR-YEAR COURSES.

Those who complete a regular four-year course will be recommended for the degree of Bachelor of Science.

No course will be accepted as an equivalent of a regular four-year course which does not comply with all the following requirements:

1. The completion of all work common to the four-year courses.
2. The completion of one hundred fifty-four credit hours.
3. The completion of all but ten or less credit hours in some one of the regular four-year courses.
4. Approval by the faculty not earlier than June 1 preceding the year of graduation.

The regular work of the senior class, including the regular final examinations, is completed at 4 p. m. on the Tuesday of the week preceding commencement; and each member of the class may receive a statement of his standing at the office of the registrar at 2 p. m. on the following Thursday.

All work required for graduation must be completed by 6 p. m. of the Saturday of the same week.

### THESIS.

A thesis upon some subject connected with the work of the course taken is required of candidates for a degree, in all courses except the Arts and Science Course. The subject, together with a written approval of it by the head of the department within which it lies, is to be submitted to the president before the 15th day of December preceding graduation. The thesis is to be submitted to the head of the department concerned not later than the second Tuesday preceding commencement day. The thesis is to be completed in typewritten and bound form and be in the hands of the department concerned before the Tues-

day preceding commencement day. The thesis is to be typewritten or printed upon standard thesis paper, eight and one-half by eleven inches, medium weight, neatly bound in black cloth and gilt-lettered on first cover with title, name of author, degree sought and year of graduation. This bound copy is to be filed and left with the college librarian.

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## BUILDINGS.

Thompson Hall is the main administrative building and contains the offices of the president, the dean, the registrar and the purchasing agent. Here also are located the Departments of History and Political Science, Drawing and Machine Design, Modern Languages, Mathematics and Zoölogy.

Conant Hall is given over wholly to the Departments of Chemistry, Physics and Electrical Engineering.

Morrill Hall contains the Experiment Station Library of over twenty-five hundred volumes, the office of the director of the Experiment Station, and the laboratories, lecture rooms and offices of the Departments of Agronomy, Animal Husbandry and Horticulture.

Nesmith Hall is occupied by the Chemical and Botanical Departments of the Experiment Station and contains the laboratory and lecture room of the Botanical Department of the College.

The Mechanical Engineering Building contains a wood shop, a machine shop, a forge shop, a foundry and the laboratories of the Mechanical Engineering Department.

In the Armory are the lecture rooms and offices of the Military Department, the rooms of the College Club and a large drill hall or gymnasium.

A new dairy building, arranged and equipped in the most up-to-date and sanitary manner, has just been completed. It contains a commercial creamery, with separator room, churning room and cold storage room; laboratories for giving instruction in milk testing, milk inspection, farm butter-making and cheese making and bacteriology; a reading and exhibition room; a class room and offices.

The college has also an insectary, a large modern dairy barn, several smaller barns for sheep, horses, etc., and a range of greenhouses especially planned for carrying on up-to-date work in greenhouse management.

Smith Hall, the woman's dormitory, was made possible by the generosity of Mrs. Shirley Onderdonk, of Durham, who gave sixteen thousand dollars as a memorial to her mother, Mrs. Alice Hamilton Smith. The remainder of the cost, \$10,000 was provided by the state. The building furnishes accommodations for thirty-two students.

In accordance with an act of consolidation between the libraries of

Durham and the college, the books of the Durham Public Library and the college are all shelved in one building and form the Hamilton Smith Public Library. This consolidation makes an especially good collection, the scientific books of the college supplementing well the more popular books of the town library. The consolidated libraries number about 26,000 bound volumes and 7,000 pamphlets.

Aside from the main library, each department has its working library of the more technical books and those which are of special use in the laboratories and work-shops.

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## LABORATORIES AND EQUIPMENT.

### AGRONOMY.

This department is provided with a collection of dried specimens of the different forage crops; the more important varieties of corn, wheat and oats; and with a large number of lantern slides, grass charts and other illustrative material. The soil physics laboratory is equipped with soil bins, a new compacting machine, chemical and torsion balances and various kinds of physical apparatus for the study of soils, including that for the determination of specific gravity and for the making of mechanical analyses.

The agricultural museum contains many of the latest models of the different makes of farm machinery, tools and appliances, including plows, cultivators, harrows, mowers, rakes, corn and grain binders, threshers, manure spreaders, different kinds of cattle ties and various makes of patent wire fences.

The college farm, with its 300 acres of land, has a variety of soils and soil conditions suited to the growth of nearly all the important farm crops, and thus offers excellent opportunities for practical work and demonstration in the department of agronomy.

### ANIMAL HUSBANDRY.

For the various courses in animal husbandry an extensive use is made of the live stock of the college farm. The dairy herd consists of representative animals of the following breeds: Ayrshires, Guernseys, Jerseys, Holsteins and Shorthorns. The college owns seven head of horses representing the draft type, and in order to become acquainted with the carriage or roadster types the students are taken to various stock farms where these types may be inspected and judged.

For the study of the different breeds of sheep and swine the experiment station flocks of pure bred Southdowns, Dorset Horns, Shropshires, Hampshires, Lincolns and Merinos and herds of Yorkshires are used.

In the agricultural building a large room is fitted up for the judging of live stock; instruments for precise measurements are provided and score cards with a scale of points for each kind of animal are used.

The class-room is provided with a stereopticon lantern and a large collection of lantern slides is used to show the leading individuals of the different breeds of live stock. The herd books of the most prominent breeds are used for the purpose of familiarizing the student with methods of tracing pedigrees and the practices of breeders' associations.

### BOTANY.

The botanical laboratory is supplied with a good herbarium, charts, microscopes and the other necessary appliances.

### CHEMISTRY.

The several chemical laboratories are modern in design and well equipped. Each is supplied with the latest forms of apparatus required for its particular work. Besides all necessary glass and porcelain ware, this includes water baths, drying ovens, combustion, muffle and assay furnaces, platinum dishes and crucibles, polariscope, spectroscope, balances, lantern and other lecture appliances, etc.

### DAIRYING.

With the new dairy building just completed, the Dairy Department offers opportunities for instruction in practical dairy work heretofore unequalled at New Hampshire College. For the last fifteen years a commercial creamery has been conducted which has now been removed to the new building. Entirely new equipment has been installed, each piece of machinery being run by an individual motor. In addition to the product of the college herd, milk and cream are received from about forty farms in Durham and vicinity. By this arrangement sufficient milk is furnished for practical work. The farm dairy is equipped with the leading makes of hand separators and hand as well as small power churns suitable for private dairies. The milk testing and milk inspection laboratory is equipped with Babcock testers, sediment testers, acidimeters and other apparatus necessary for inspection of milk and cream both as to fat content and other qualities.

### DRAWING.

For free-hand model-drawing and for mathematical drawing there is a good supply of geometric models; and for free-hand industrial drawing the nucleus of a good collection exists, consisting of plaster casts of historic ornament, details of human form and antique sculpture, as well as vases and common objects. There is an excellent collection of work-

ing models and machines for machine drawing and various machines in other departments are available for this work.

### ELECTRICAL ENGINEERING.

The electrical engineering laboratories consist of two dynamo rooms, a transformer room, a photometer room, a storage battery room and a laboratory for the calibration of measuring instruments, etc. In addition to the regular laboratories, the department has available for experimental work the large alternator of the power and service department, also 75,000 watts from the Rockingham County Power and Light Company. In the main dynamo room there is a large distributing switchboard on which are mounted instruments, switches and plugging devices so arranged that it is possible to connect the various laboratories, also each lecture room, and convey thereto direct current and single, two phase and three phase alternating currents of different voltages and periodicities. The general equipment of the department includes various dynamos and motors for both direct and alternating currents, several transformers, the necessary measuring instruments, storage batteries, etc., designed and arranged so as to be adapted for the needs of special laboratory work.

### FORESTRY.

A tract of 60 acres of old forest growth is owned by the college. It is located close at hand and offers ample opportunities for studying forestry. The country about Durham presents forestry conditions typical of New England, and the transplanting of trees, sowing of seeds and general questions of forestry management may here be studied in Nature's laboratory.

### HORTICULTURE.

The lecture room is fitted up with a stereopticon lantern and the collection of lantern slides is being continually enlarged. The pomological and vegetable gardening laboratories are of original design and offer every facility for modern work. A great many varieties of vegetables are grown in the experiment station trial ground, and these offer exceptional opportunities for identification and study in the laboratory for some time after field conditions have gone by. The orchards, gardens and grounds also offer opportunities for demonstrating the theories advocated in the lecture-room. Propagation of fruits, shrubs and flowering plants is practised. A fine collection of Vilmorin charts is owned by the department.

### MECHANICAL ENGINEERING.

The mechanical laboratory equipment includes a 40 horse-power steam engine; a steam boiler especially equipped for testing; a large duplex pump; nozzles for measurements during hydraulic tests; a

10-inch standpipe, a 6,000-gallon measuring tank and other apparatus for an extensive series of hydraulic experiments; a 50,000-pound Olsen machine with the necessary tools and measuring instruments for tension, compression and transverse tests; a 12 horse-power gas engine; a Westinghouse air-brake pump with locomotive and tender attachments; steam and gas engine indicators; a surface condenser; a Bristol pyrometer; a cement testing machine with the necessary sieves and other apparatus for testing cement according to the recommendations of the committee for cement testing; and the usual supply of scales, gauges, thermometers and small apparatus.

### PHYSICS.

The department has a collection of the usual apparatus for laboratory work and lecture-room illustration.

The physical laboratory contains apparatus for studying absorption phenomena and the comparison of spectra of films, liquids, metals, etc.; for measuring the angles of crystals and indices of refraction; for verifying the laws of refraction and total reflection of light; for determining the moment of inertia of various forms of specimens. In electricity and magnetism the equipment includes instruments such as a magnetometer for studying the intensity of the earth's magnetism; a universal tangent galvanometer and an assortment of ammeters and voltmeters for measuring direct and alternating currents and voltages.

### SHOPWORK.

The wood shop is supplied with benches and the necessary tools to accommodate twenty students at one time. Other equipment consists of a circular saw, board-planer, buzz-planer, jig-saw, speed-lathes and a large pattern maker's lathe with molding and boring attachments.

The equipment of the machine shop consists of engine lathes, a speed-lathe, a vertical drill, a Flather planer, a universal milling machine with gear-cutting and spiral attachments; a shaper, a power hack saw; a tool grinder; 12 benches with vises; and a large number of small tools, including micrometer, calipers and gauges necessary for accurate work.

In the forge shop are 18 Sturtevant down-draft forges with anvils and necessary tools. The blast to the forges is furnished by a No. 4 blower, and the smoke carried away by a 60-inch exhauster. These are driven by a small steam-engine.

All the shops are operated by 550-volt three-phase induction motors, suitably connected to line shafting and driving the tools by the "group plan."

### SURVEYING.

The surveying instruments are sufficient in number and of the most approved pattern.

### ZOOLOGY.

The zoölogical laboratory is well supplied with aquaria, microscopes, dissecting tools, charts, reference books and collections. The latter include a representative display of the birds of New Hampshire, and a very large collection of the insects of the state arranged in glass-covered boxes.

### MUSEUM.

The museum had for a nucleus the collection made during the state geological survey. To this additions have been made from various sources. Specimens are being collected to illustrate the zoölogy of New Hampshire, and New Hampshire collectors and naturalists are invited to make the museum the permanent depository of their collections.

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### MILITARY DEPARTMENT.

This department is in charge of an officer of the United States regular army, detailed by the war department, as professor of military science and tactics. Military instruction, which is required by law, is both theoretical and practical, the former having special reference to the duties of the line.

The organization is a battalion of three companies, with a band, officered by cadets selected for character, soldierly bearing and efficiency. The federal government has furnished Krag-Jorgensen magazine rifles, model 1898, and equipment for 200 men. Attention is paid to rifle practice, the government supplying ample ammunition and target materials, and the college a good range, within four minutes' walk of the college buildings, with firing points at 200 and 300 yards. The rolling country in the vicinity of the college furnishes the best opportunities for extended order drill and field exercises, the athletic field for close order drills, and the new gymnasium or drill shed gives ample room for indoor work.

The cadets wear, whenever on military duty, and may at other times, provided the complete uniforms are worn, cadet gray uniforms with black trouser stripes, black cloth band on cuffs and collars of blouses, and gray caps, army regulation shape. Service uniform, consisting of gray flannel shirt, service hat with cord, and leggings is worn in warm weather, and for field maneuvers and extended order drills. Officers wear braid instead of cloth on collars, cuffs and on bottom and front of coat. The letters N. H. C. are embroidered in gold on each side of the blouse collar. The cost of such a uniform does not exceed \$20 and the wearing of such does away with the necessity of purchasing a civilian suit for college use.

Service in this department is optional for members of the senior classes; all other students, excepting those excused by competent authority, are required to attend both drills and recitations. Seniors who elect drill and are appointed cadet officers have their college fees remitted.

Upon the graduation of each class, the names of such students as have shown special aptitude for military service are reported to the adjutant-general of the army and to the adjutant-general of the state. The names of the three most distinguished students in this department are inserted in the United States army register.

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## FOUR-YEAR COURSES.

### AGRICULTURAL COURSE.

This course is designed for the general education and scientific training of students in the various economic branches of agriculture. The lecture and recitation work of the classroom is supplemented largely by practical exercises in the laboratories. Seminary courses are also given, especially for seniors and advanced students. The whole curriculum is so arranged that about one third of the studies may be termed cultural, one third, scientific, and one third, technical. During the junior and senior years of this course the student has elective options on certain courses of study which enable him to specialize in animal husbandry, dairying or horticulture.

While the two-year course is intended to give the student as thorough training in the science and practical details of farm operations as the time will allow, it does not give the opportunity for a broad general foundation of pure and applied science that the four-year course affords; the latter course aims primarily to combine a college education with that of a technical vocation. Many of the graduates of the four-year course return to the farm for the purpose of putting into practice the knowledge and training of their college work, and many of them are becoming successful and prosperous citizens of the community; others who have no farms of their own accept salaried positions as superintendents or foremen on the dairy, fruit or truck farms of large owners; still others take positions as teachers of science and agriculture in our secondary and high schools or as assistants in our agricultural colleges and experiment stations.

### BIOLOGICAL DIVISION OF THE AGRICULTURAL COURSE.

The biological division of the agricultural course is for the benefit of those students who desire to make a special study of some phase of natural history. It leads to such positions as teachers of botany and

zoölogy in high schools and colleges, entomologists for experiment stations, state inspectors of nursery grounds, etc. During the first two years the student pursues the regular studies of the agricultural course, but in his junior year he begins to specialize in botany and zoölogy, a considerable proportion of his time during the rest of his course being given to these subjects. Students taking this course will elect, with the advice of the instructors in charge, six hours per week of biological work in the junior year and seven hours per week during the senior year, exclusive of thesis.

#### CHEMICAL DIVISION OF THE AGRICULTURAL COURSE.

The work of this division is especially intended to give a thorough grounding in the principles of chemistry as applied to agriculture and agricultural chemical analysis and to train the student thoroughly in all kinds of manipulation required of the chemist in experiment stations, large dairy establishments, fertilizer works, etc.

Instruction is given mainly by personal supervision in the laboratory, accompanied by lectures, themes, recitations; and, as in the course in technical chemistry, the studies are arranged to meet the needs of the individual. Students wishing to take this course will elect, with the advice of the instructors in charge, six hours per week of chemical work during the junior year, and seven hours per week during the senior year.

#### ARTS AND SCIENCE COURSE.

In the Arts and Science Course those who wish a college education for its cultural value are given an academic training that especially prepares them for teaching in secondary schools, or for special work in graduate schools. By means of the group system of elective studies an opportunity is given to specialize in History, English, Mathematics, Physics, Chemistry, Modern Languages, Agriculture, Zoölogy, Botany, Drawing, Philosophy, Pedagogy and Biology.

#### COURSES FOR WOMEN.

Women attending the college may elect any course laid down in the curriculum, subject to the conditions prescribed for all students. They may omit manual labor on the farm and in the shop, and substitute other studies.

The Arts and Science Course, with its electives, is specially prepared for women, the Courses in Agriculture and Chemistry afford opportunities for the study of the natural sciences, and the Engineering Courses offer exceptional advantages in mathematics and physics.

### CHEMICAL ENGINEERING COURSE.

This course is intended to fit for the career of a professional chemist or chemical engineer, and to give a good foundation for original and independent chemical research.

Instruction is imparted by lectures, recitations and a large amount of carefully supervised laboratory work. The laboratory course is largely an individual one, and the work of each student is conducted with reference, not only to the particular object he may have in view, but also to the acquirement of a broad knowledge of chemical science. The student is given a thorough training in German and French to enable him to read with ease the chemical literature; a thorough grounding in mathematics, necessary for advanced theoretical chemistry or chemical engineering; a somewhat limited amount of special engineering work both mechanical and electrical; and a thorough undergraduate training in theoretical and applied chemistry. He is encouraged to develop the power of solving chemical problems by independent thought through the aid of the reference works and chemical periodicals which the library contains. Owing to the fact that the laboratories are becoming crowded the number of students taking this course is limited to six in each class. These six are chosen at the close of the freshman year from those who have applied. Fitness to become successful chemists will alone determine the choice made.

### ELECTRICAL ENGINEERING COURSE.

The electrical engineering course is intended to meet the demands of a young man fitting himself for practical and professional engineering, in connection with the various applications of electricity.

By means of lectures, recitations and laboratory work, the subjects of the course are brought to the attention of the student in such a manner as to emphasize, not only the present needs of the practitioner and engineer, but to give him the groundwork that will enable him to grasp and understand the constantly increasing number of problems that require solution.

The instruction aims to impart a complete practical and theoretical knowledge of the best modern types of electrical machines and appliances and the methods of designing, building and operating them.

The rapid progress in recent years in applying electricity to commercial uses, renders it difficult, if not impossible, for one without a technical education to gain prominence in the work and be intrusted with its more responsible positions.

### MECHANICAL ENGINEERING COURSE.

Mechanical engineering is concerned with the design, construction, care and operation of machinery.

The special studies are mathematical, including a large amount of drawing; technical, pertaining directly to the professional work of the engineer; and general.

The study of the scientific principles underlying the work of the engineer is accompanied throughout the course by actual practice in mechanical operations and scientific research, by training in the use of tools for working wood and metals, and by experimental tests and demonstrations in the mechanical, chemical and physical laboratories.

### POST-GRADUATE AND SPECIAL COURSES.

The college offers opportunity for post-graduate study in Agriculture, Biology and Chemistry, and on the completion of satisfactory work advanced degrees will be given. Persons of mature years presenting satisfactory evidence of their ability to complete any desired course of study may be admitted as special students by vote of the faculty.

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### \*FOUR YEAR COURSES.

#### DESCRIPTION OF STUDIES.

#### AGRONOMY.

PROF. TAYLOR, MR. SLATE.

##### 1. Farm Equipment and Farm Crops.

Lectures and recitations upon the selection, planning and equipment of farms; fencing; drainage; farm wells; harvesting and tillage implements; silos and stable construction, etc. History, use and methods of culture of our various farm crops. Practical exercises in leveling and laying out of drains and in the preparation of farm and building plans. Judging and scoring the different varieties of grains and grasses. For Agricultural Juniors. *Three exercises per week. 1st S.*

##### 2. Soils and Soil Physics.

Lectures and recitations upon the formation, kinds and physical properties of soils; the movements and conservation of soil moisture; the relation of heat and air to soil; the nature and physical effects of tillage and fertilizers; laboratory work and experimentation with soils to show the physical effects of different conditions and texture. For Agricultural Juniors. *Four exercises per week. 2d S.*

\*Students receiving a condition in any prerequisite subject may be allowed to take the advanced subject at the discretion of the instructor, with the proviso that if a warning is received in the advanced subject, it must be dropped.

**3. Soil Management and Fertility.**

An advanced course in soils for those who have shown a special aptitude in the preceding course. The processes of soil formation, the physics and chemistry of soils, soil classification and mapping and the principles of fertility will be discussed. The lecture work will be supplemented by laboratory and field experimentation. Elective for Agricultural Seniors.

*Three exercises per week. 1st S.*

**4. Manures and Fertilizers.**

A course of lectures, text book and seminary work on farm manures and commercial fertilizers. Elective for Agricultural Seniors.

*Two exercises per week. 2d S.*

**5. Agricultural Seminary.**

This course consists of library and reference work, and a study of current agricultural literature and of the history of agricultural colleges and experiment stations. Each student will prepare during the term a certain number of abstracts, reports of papers upon topics relating to agriculture. For Agricultural Seniors.

*Two exercises per week. 1st S.*

**6. Agricultural History and Economics.**

Lectures and recitations upon the history of agriculture from early Egyptian to modern American; present agricultural methods and systems in various countries; the principles of economics as applied to the organization, equipment and operation of the farm; tenancy and land ownership; practical problems in farm management. For Agricultural Seniors. First nine weeks.

*Four exercises per week. 2d S.*

**7. Farm Mechanics.**

Lectures and recitations upon the principles of construction of farm buildings; barns and silos; construction and maintenance of country roads; principles of draft; farm motors and machinery. Practical work in testing and comparisons of various makes and kinds of farm machinery. For Agricultural Seniors. Last eight weeks.

*Four exercises per week. 2d S.*

**ANIMAL HUSBANDRY.**

ASSOC. PROF. ARKELL, ASST. PROF. ECKMAN.

**1. Types and Breeds of Live Stock.**

A study of the different breeds of cattle sheep, horses and swine in respect to their origin, history, development, characteristics and adaptability to different conditions of climate and soil. In the study of beef cattle, market conditions and requirements are discussed; in the study of dairy cattle, milk and butter production; and in the study

of sheep, mutton and wool production and the raising of hot-house lambs. In the study of horses, besides the origin, history and development of the breeds, market classifications are defined; and in the study of swine, the influence of various feeds and of different methods of management as affecting types is discussed. One afternoon each week is devoted to judging the different breeds. For Agricultural Sophomores.

*Three exercises per week. 1st S.*

## 2. Principles of Breeding.

Lectures and recitations upon the laws of heredity; value of selection in improving and maintaining a high standard of excellence in farm stock; variation, cause and extent; methods of breeding, including discussion of inbreeding, crossing and grading, and practice in tracing pedigrees. Elective for Agricultural Seniors.

*Two exercises per week. 2d S.*

## 3. Feeds and Feeding.

Lectures and recitations upon the laws of nutrition; composition and digestibility of feed stuffs; influence of feed on the animal body, preservation of coarse fodders; a study of leading cereals and by-products; feeding standards. Practice will be given in computing and compounding rations for various purposes. For Agricultural Juniors.

*Three exercises per week. 2d S.*

## 4. Veterinary Science.

Lectures and recitations upon the anatomy and physiology of the animal body; diseases and ailments; simple farm medicines and methods of administering; holding a post-mortem; infectious and contagious diseases affecting farm animals and methods of treatment; care of breeding animals with treatment of diseases and accidents incident to the parturient state. Elective for Agricultural Juniors.

*Three exercises per week. 2d S.*

## 5. Poultry.

Lectures and recitations upon the different classes and breeds of poultry; breeding and feeding; location and building of poultry houses; a study of incubators and brooders; methods of preventing disease. Practice will be given in scoring. Elective for Agricultural Juniors.

*Two exercises per week. 1st S.*

## 6. Advanced Live Stock.

This course is designed especially for those students who have shown proficiency in the previous courses relating to live stock. Students are given an opportunity to perform original work in investigating special problems concerning the breeds and their management. Elective for Agricultural Juniors.

*Three exercises per week. 2d S.*

## 7. Live Stock Management.

A study of the general management and care of horses, cattle, sheep and swine; fitting for market and exhibition; approved methods of

stabling; sanitation; maintaining health and vigor in live stock. Elective for Agricultural Seniors or Juniors.

*Three exercises per week. 1st S.*

## BOTANY.

PROF. BROOKS, MISS BLACK.

### 1. General Botany. Prof. Brooks, Miss Black.

Lectures and laboratory work on the fundamental principles of plant physiology, followed by the study of a series of representative cryptogams. For Agricultural Sophomores, elective for Arts and Science Freshmen and Sophomores.

*Three exercises per week. 1st S.*

### 2. General Botany. Prof. Brooks, Miss Black.

This course continues the work on type forms begun in Course 1 and includes the study of vascular cryptogams, gymnosperms and angiosperms. The latter part of the semester will be devoted to a study of plant families and plant societies as represented in the local flora. Lectures, laboratory and field work. For Agricultural Sophomores, elective for Arts and Science Freshmen and Sophomores.

*Open only to students who have completed Botany 1.*

*Three exercises per week. 2d S.*

### 3. Plant Pathology. Prof. Brooks.

This course deals with the nature, cause and prevention of plant diseases and includes a systematic consideration of parasitic fungi. Lectures and laboratory work. For Agricultural Juniors, elective for Arts and Science Juniors and Seniors.

*Open only to students who have completed Botany 2.*

*Three exercises per week. 1st S.*

### 4. Mycology. Prof. Brooks.

A study of representative groups of fungi; culture methods and pathological work with fungous diseases. Lectures, laboratory and field work. Elective for Agricultural Juniors and Arts and Science Juniors and Seniors.

*Open only to students who have completed Botany 2.*

*Three exercises per week. 2d S.*

### 5. Plant Physiology. Prof. Brooks.

Lectures and experimental work on absorption, nutrition, growth, respiration and irritability. Elective for Agricultural and Arts and Science Juniors and Seniors.

*Open only to students who have completed Botany 2.*

*Three exercises per week. 2d S.*

**6. Plant Histology.** Miss Black.

A minute study of plant cells and plant tissues, starches, aleurones and other cell contents. Lectures and laboratory work. Elective for Arts and Science Juniors and Seniors and Agricultural Seniors.

*Open only to students who have completed Botany 2.*

*Three exercises per week. 1st S.*

**7. Advanced Botany.**

Opportunity to do original work along special lines will be offered to students who have shown special ability in the preceding courses.

*Three exercises per week. 1st S.*

**8. Advanced Botany.**

Continuation of Botany 7.

*Three exercises per week. 2d S.*

**9. Systematic Botany.** Miss Black.

Lectures and laboratory work on the classification of plants with special reference to those of New England. Elective for Agricultural and Arts and Science Juniors and Seniors.

*Open only to students who have completed Botany 2.*

*Three exercises per week. 1st S.*

**10. Bacteriology.** Prof. Brooks, Miss Black.

A study of the morphology and classification of bacteria, of culture methods, and of the relation of bacteria to such processes as decomposition, fermentation and digestion and to the production of disease. Elective for Agricultural and Arts and Science Juniors and Seniors.

*Open only to students who have completed Botany 1.*

*Three exercises per week. 2d S.*

**CHEMISTRY.**

PROF. PARSONS, ASSOC. PROF. JAMES, MR. PRATT, MR. KATZ.

**1. Inorganic Chemistry.**

Lectures and recitations on general and theoretical chemistry, illustrated by experiments, charts, specimens, lantern views, etc. Solution of chemical problems will be required. For Agricultural and Engineering Freshmen, elective for Arts and Science Freshmen.

*Three exercises per week. 1st S.*

**2. Inorganic Chemistry.**

Course 2 is a continuation of Course 1, but the time will be mainly spent on the metallic elements, their metallurgy, salts, etc.

*Open only to students who have completed Chemistry 1.*

*Two exercises per week. 2d S.*

**3. Elementary Physical Chemistry.**

A short elementary course of ten lectures on the Dissociation Theory and its application; the Mass Law, etc. To accompany Chemistry 2 and 4.

*Elective by special arrangement.*

**4. Qualitative Analysis.**

Chemistry 4 consists of laboratory practice, with occasional lectures. The student is expected to become proficient in the separation and detection of the common acids and bases and to keep a full set of notes. He will have practice in the writing of reactions and will fill out numerous slips containing questions bearing upon his work. For Chemical Freshmen, Electrical and Mechanical Freshmen (Division 1), Agricultural Sophomores and Electrical and Mechanical Sophomores (Division 2); elective for Arts and Science Sophomores and Juniors.

*Open only to students who have completed Chemistry 1.*

*Freshman Year. First nine weeks. 2d S.*

*Sophomore and Junior Years. 1st S.*

*Fifty-one exercises.*

**5. Qualitative Analysis.**

A short advanced course for Chemical Sophomores on insoluble substances and the rarer elements, to precede Chemistry 10. First five weeks.

*Twenty-five exercises. 1st S.*

**6. Organic Chemistry.**

Lectures and recitations. A study of the chemistry of the carbon compounds. For Chemical Sophomores, elective for Arts and Science students.

*Open only to students who have completed Chemistry 1 and 2.*

*Three exercises per week. 2d S.*

**7. Physiological Chemistry.**

Lectures and recitations on the composition and nutrition of plants and animals. For Chemical and Agricultural Juniors, elective for Art and Science students.

*Open only to students who have completed Chemistry 6 or 25.*

*Two exercises per week. 1st S.*

**8. Organic Chemical Laboratory.**

The course consists mainly of laboratory practice in preparing and purifying organic compounds and a study of qualitative organic reactions and analyses. Lectures and recitations will be held from time to time in connection with the practice. For Chemical Juniors, elective for Arts and Science students.

*Open only to students who have completed Chemistry 6.*

*Three exercises per week. 1st S.*

**10. Quantitative Analysis.**

A preliminary course in quantitative analysis to familiarize the student with the general methods of chemical manipulation and analysis. For Chemical Sophomores. Elective in the Arts and Science Course in Sophomore, Junior and Senior Years, provided laboratory facilities permit. Last twelve weeks.

*Open only to students who have completed Chemistry 4.*

*Five exercises per week. 1st S.*

**11. Quantitative Analysis.**

A continuation of Chemistry 10. For Chemical Sophomores.

*Six exercises per week. 2d S.*

**12. Advanced Quantitative Analysis.**

Chemistry 12 is arranged for students of the Chemical Courses, and is intended to fit them for work in the laboratories of agricultural experiment stations, fertilizer works, iron works, sugar refineries, etc., and for the duties of the public analyst. This course will be made to fit the end which each has in view, and will be largely an individual one. For those students desiring to specialize in agricultural and food chemistry the analysis made will tend in the main toward agricultural products, fertilizers, mucks, marls, manures, dairy products, waters, foodstuffs, sugars, etc. For the student wishing to enter metallurgical works, the analyses will be in the main upon iron and steel and other metals, ores, limestones, slags, alloys, fuels, etc. As a preparation for the study of medicine, work will be done on poisons, foods, drugs, urine, etc. Other lines will be arranged to meet the wants of the individual student. Each student will be given some practice in all of the branches of agricultural, metallurgical, medical, sanitary and industrial chemistry, in order to lay a foundation for any future work which may be required of him. A short course in gas and oil analysis will also be provided. For Chemical Juniors.

*Open only to students who have completed Chemistry 11.*

*Four exercises per week. 1st S.*

**13. Advanced Quantitative Analysis.**

A continuation of Chemistry 12. For Chemical Juniors.

*Four exercises per week. 2d S.*

**14. Industrial Chemistry.**

Chemistry 14 consists of lectures on chemical manufactures, such as sugar, sodium carbonate, fertilizers, sulphuric acid, glass, matches, paints, dyes, soaps, illuminating gas, petroleum, etc. The lectures will be illustrated by lantern views, and trips to the leading New England cities to examine important chemical manufactures will be taken as far as practicable. For Chemical Juniors or Seniors.

*Open only to students who have completed Chemistry 1 and 2.*

*Two exercises per week. 2d S.*

**15. Metallurgy.**

Chemistry 15 consists of lectures describing the processes employed in the smelting of ores of iron, lead, copper, zinc, silver, gold, etc., and upon the methods used in refining these metals. The lectures are illustrated by stereopticon and by specimens of metallurgical products. For Chemical Juniors or Seniors.

*Open only to students who have completed Chemistry 1 and 2.*

*One exercise per week. 2d S.*

Chemistry 14 and 15 are given in alternate years with Chemistry 22.

**16. Assaying.**

A course in the fire assay of gold and silver ores. For Chemical Seniors.

*Open only to students who have taken Chemistry 10 or 18.*

*Seventeen exercises. 1st S.*

**17. Agricultural Analysis.**

This course is arranged especially for students of the Agricultural Course, and consists mainly of the quantitative determination of the constituents of milk, butter, fertilizers, grain, etc. Elective, subject to desk room in laboratory.

*Open only to students who have completed creditably the work of Chemistry 1, 2 and 4.*

*Three exercises per week.*

**18. Metallurgical Analysis.**

This course is arranged for the students of the Engineering Departments who may elect the same, and consists mainly of the quantitative determination of ores, slags, metals, alloys, fuels, etc. Elective, subject to desk room in the laboratory.

*Open only to students who have completed creditably the work of Chemistry 1, 2 and 4 or 5.*

*Three exercises per week.*

**19. Chemical Journals, Methods, etc.**

The work consists of the study of current chemical literature, mainly in the German language, with recitations twice a week. Each student will be expected to prepare abstracts, reports, criticisms, etc., upon assigned articles. For Chemical Juniors.

*Open to students who have begun Chemistry 11.*

*Two exercises per week. 1st S.*

**20. Chemical Journals.**

A continuation of Chemistry 19. For Chemical Juniors.

*Two exercises per week. 2d S.*

**21. Physical Chemistry, Lectures.**

The work consists of advanced study of chemical theory. Practical experiments will be performed, with the aid of the student, in the determination of vapor density, molecular weights, specific heat, etc.; and the study of isomorphism, diffusion of gases, solutions, ionization, electrolysis, molecular and atomic volume, thermo chemistry, equilibrium, the phase rule, etc., will take up much of the time. For Chemical Juniors or Seniors. Course 21 comes in alternate years.

*Open only to students who have completed Chemistry 1, 2 and 10.*

*Two exercises per week. 1st S.*

**22. Physical and Electro Chemistry, Lectures.**

A continuation of Chemistry 21, and is given in alternate years with Chemistry 14 and 15. For Chemical Juniors or Seniors.

*Three exercises per week. 2d S.*

**23. Chemical Research.**

Especially arranged for students of the Chemical Engineering Course. May merge at any time into 24 and will usually do so about the middle of the first semester. For Chemical Seniors.

*Eight exercises per week. 1st S.*

**24. Thesis.**

The work of the last semester of the Chemical Engineering Course is given up to the special study of some selected subject in any branch of chemical science and the student is required to present a thesis showing him to be capable of independence of thought and manipulation. For Chemical Seniors.

*Eight exercises per week. 2d S.*

**25. Organic Chemistry.**

A brief introductory course in organic chemistry specially arranged for Agricultural students. For Agricultural Sophomores, elective for Arts and Science students.

*Open only to students who have completed Chemistry 1.*

*One exercise per week. 2d S.*

**DAIRYING.**

PROF. RASMUSSEN.

**1. Farm Dairying.**

Lectures and recitations on the Babcock test, on tests for determining the acidity of milk and on the use of the lactometer in detecting adulterations in milk. Includes also a study of the composition, separation and churning of milk. The laboratory work will be made applicable to farm conditions. For Agricultural Juniors.

*Four exercises per week. 1st S.*

**2. Advanced Butter Making.**

A study of the secretion, chemical and physical properties of milk, pasteurization, cream ripening, commercial starters, the churning, marketing and scoring of butter. The laboratory work will be made applicable to factory conditions. Elective for Agricultural Seniors.

*Open only to students who have completed Dairying 1.*

*Three exercises per week. 2d S.*

**3. Technology of Milk.**

Consists of a study of the uses of milk and its by-products outside the scope of butter and cheese making; the production and preparation of sanitary, certified, modified milk; the making of condensed milk and koumiss; the manufacture of casein and milk sugar, and the preparation of ices and ice cream. Elective for Agricultural Juniors and Seniors.

*Open only to students who have completed Dairying 1.*

*Two exercises per week. 2d S.*

**4. Factory Management.**

This course is designed for students wishing to fit themselves for managers of large factories and other dairy establishments. It consists of a study of the organization, location, construction, and operation of factories; special problems connected with the manufacturing of butter; dairy conditions and methods in foreign countries. Elective for Agricultural Seniors.

*Open only to students who have completed Dairying 2.*

*Three exercises per week. 1st S.*

**5. Dairy Bacteriology and Cheese Making.**

Lectures and demonstrations on the function of bacteria and the application of bacteriological principles to dairy work.

A course of lectures will be given covering the details of the manufacturing, curing and marketing of the more important kinds of cheese. Elective for Agricultural Seniors. *Two exercises per week. 2d S.*

**6. Dairy Research.**

A study of the work of the experiment stations and other dairy literature. Elective for Agricultural Seniors.

*Open only to students who have completed Dairying 1, 2 or 3.*

*Two exercises per week. 1st S.*

**\*DRAWING.**

PROF. PUTNAM, MR. LATON.

These courses are of an industrial nature and include both free-hand and mathematical branches of this subject.

**1a. Industrial Drawing.** Prof. Putnam, Mr. Laton.

Free-hand lettering, free-hand drawing, use of instruments, mathematical drawing, inking, tinting, tracing and blue-prints.

Systems of object drawing; orthographic projection; isometric drawing; mechanical perspective, shades and shadows. For Engineering Freshmen. *Two and one half exercises per week. 1st S.*

**1b. Industrial Drawing.** Prof. Putnam, Mr. Laton.

Same as Course 1a. For Agricultural Freshmen, elective for Arts and Science Freshmen. *Two exercises per week. 1st S.*

\*Students are advised not to purchase drawing instruments or supplies before consultation with the drawing instructor.

**2a. Descriptive Geometry.** Prof. Putnam, Mr. Laton.

Recitations and drawing exercises in the solution of geometrical problems by orthographic projection. For Engineering Freshmen (Division 1).

*Open only to students who have completed Drawing 1a and Mathematics 2.*

*Three exercises per week. 2d S.*

**2b. Descriptive Geometry.**

Same as Drawing 2a. For Engineering Freshmen (Division 2). First nine weeks.

*Open only to students who have completed Drawing 1a and Mathematics 2.*

*Two exercises per week. 2d S.*

**3. Descriptive Geometry.** Prof. Putnam, Mr. Laton.

Continuation of Drawing 2b. Practical problems on bridge beams, rafters, piping, etc.

For Engineering Freshmen (Division 2). Last eight weeks.

*Two exercises per week. 2d S.*

**4. Design of Farm Buildings.** Prof. Putnam.

This course consists of drawings of floor plans and framing details for farm buildings in preparation for the Rural Architectural Course of the Senior Year. For Agricultural Freshmen.

*Open only to students who have completed Drawing 1b.*

*Two exercises per week. 2d S.*

**5. Descriptive Geometry.** Prof. Putnam, Mr. Laton.

Same as Course 3. For Electrical and Mechanical Sophomores (Division 1). First eight weeks.

*Open only to students who have completed Drawing 1a and 2a or 2b and Mathematics 2.*

*Two and one half exercises per week. 1st S.*

**6a. Elementary Machine Drawing.** Mr. Laton.

Mechanism drawing; detail and assembly drawing of simple machines. For Electrical and Mechanical Sophomores (Division 1). Last nine weeks.

*Open only to students who have completed Drawing 1a to 3 and Mathematics 2.*

*Two exercises per week. 1st S.*

**6b. Elementary Machine Drawing.** Mr. Laton.

Same as Course 6a. For Electrical and Mechanical Sophomores (Division 2).

*Open only to students who have completed Drawing 1a to 3 and Mathematics 2.*

*Two exercises per week. 1st S.*

**7. Elementary Machine Drawing and Free-Hand Drawing of Chemical Apparatus.** Mr. Laton.

For Chemical Sophomores.

*Open only to students who have completed Drawing 1a to 3.*

*Two exercises per week. 1st S.*

**8. Machine Drawing.** Mr. Laton.

Working drawings of various machines and machine tools including steam boiler and engine details. For Electrical and Mechanical Sophomores.

*Open only to students who have completed Drawing 6.*

*Two and one half exercises per week. 2d S.*

NOTE—Alternating with shop work on Wednesdays.

**9. Free-Hand Drawing.** Prof. Putnam.

Light and shade drawing from casts and still life. Charcoal work. Elective for Arts and Science Sophomores.

*Two exercises per week. 1st S.*

**10. Free-Hand Drawing.**

Wash drawings and water color work; pencil sketching from nature and exercises in perspective. Elective for Arts and Science Sophomores

*Two exercises per week. 2d S.*

**11. Architectural Drawing.**

Studies of architectural detail and historic ornament. Elective for Arts and Science Juniors.

*Three exercises per week. 1st S.*

**12. Architectural Drawing.**

Continuation of Drawing 11. The design of a building with details of ornament. Elective for Arts and Science Juniors.

*Three exercises per week. 2d S.*

**13. Advanced Architectural Drawing.**

Elective for Arts and Science Seniors.

*Open only to students who have completed Drawing 11 and 12.*

*Three exercises per week. 1st S.*

**14. Advanced Architectural Drawing.**

Elective for Arts and Science Seniors.

*Open only to students who have completed Drawing 11, 12 and 13.*

*Two exercises per week. 2d S.*

**16. Free-Hand or Charcoal Drawing.**

Elective for Arts and Science Freshmen. Last eight weeks.

*Four exercises per week. 2d S.*

**ELECTRICAL ENGINEERING.**

PROF. HEWITT, MR. HITCHCOCK.

**1. Dynamo Electric Machinery.** Prof. Hewitt.

The course begins with a general study of both direct and alternating current dynamos and motors, including elementary theory, with a large number of practical problems to illustrate application of same. For Electrical and Mechanical Juniors.

*Open only to students who have completed Physics 2 and Mathematics 6.*

*Three exercises per week. 1st S.*

**2. Dynamo Electric Machinery.** Mr. Hitchcock.

This course is a continuation of Course 1. It takes up the theory of armature winding and construction; the general points of design; a study of various types of electrical machinery; laboratory methods of measurements, the various electrical quantities such as electromotive force, current, resistance, permeability of iron, the use of standard instruments; the laws of electrolysis; thermo-electric currents, etc. For Electrical and Mechanical Juniors.

*Open only to students who have completed Electrical Engineering 1.*

*Three exercises per week. 2d S.*

**4. Electrical Laboratory.** Prof. Hewitt, Mr. Hitchcock.

This course consists of the measurement of resistances, inductances, capacities; the permeabilities of samples of iron; the determination of the candle power of incandescent and arc lamps; the calibration of resistances; the measurement of power in alternating current circuits; alternator characteristics; the testing of synchronous and polyphase motors; transformers; power measurements by wattmeters and a general study of polyphase machinery. For Electrical Juniors.

*Open only to students who have completed Electrical Engineering 1.*

*Three exercises per week. 2d S.*

**6. Telegraph and Telephone.** Mr. Hitchcock.

This course consists in a careful study of the elementary electrical principles of telegraphy; the construction and connection of lines, repeaters; high speed telegraphy; simple and multiplex telegraphy; submarine signalling; automatic devices, general electric signalling for purposes of alarms, railroads, etc., and wireless telegraphy; also lectures and recitations on the acoustic and electrical principles of telephony; the different forms of calling and receiving apparatus and accessories and simple circuits. The latter part of the course is devoted to the consideration of the more complex forms of circuits, exchange switchboards, transfer systems and the construction of overhead and underground systems. Elective for Electrical Juniors.

*One exercise per week. 2d S.*

**11. Electrical Engineering Practice.** Mr. Hitchcock.

This course takes up the study of the properties of periodic curves; the effects of self-induction and capacity and a more detailed study of dynamos, motors, transformers and other electrical apparatus. For Electrical Seniors.

*Open only to students who have completed Electrical Engineering 2.*

*Four exercises per week. 1st S.*

**12. Electrical Engineering Practice.** Prof. Hewitt.

This course is a continuation and completion of Electrical Engineering 11. It takes up more advanced theory and general practice. It also includes a thorough study of High Tension Power Transmission and deals with the selection of apparatus for generating stations and the distributing systems. A study will be made of the proper combinations of apparatus to correctly represent standard theory and practice. The design of the transmission line and of the distributing systems will be considered. The application of the theory will be brought out in lectures and established with a large number of practical problems. A careful study will be given to the various methods used for lightning protection. For Electrical Seniors.

*Open only to students who have completed Electrical Engineering 11.*

*Four exercises per week. 2d S.*

**13. Electric Railways.** Mr. Hitchcock.

In this course will be considered the principles which govern the application of electric motors to railway service, and the location of power and sub-stations as determined by economic questions. Following this will be given the practical points involved in the selection and operation of railway equipment including power and sub-station equipment, line and track, railway motors and car equipment, storage batteries, etc. The problem of utilizing electric energy in mining will also be considered. For Electrical Seniors.

*Open only to students who have completed Electrical Engineering 2.*

*Two exercises per week. 1st S.*

**15. Electrical Laboratory.** Prof. Hewitt, Mr. Hitchcock.

This course is a continuation of Course 4 covering a more advanced series of experiments. A written report will be required for which one additional credit hour will be given. For Electrical Seniors.

*Open only to students who have completed Electrical Engineering 4.*

*Four exercises per week. 1st S.*

**16. Electrical Laboratory.** Prof. Hewitt, Mr. Hitchcock.

This course is a continuation of Course 15 and takes up experiments of a more advanced nature. A written report will be required for which one additional credit hour will be given. For Electrical Seniors.

*Open only to students who have completed Electrical Engineering 15.*

*Four exercises per week. 2d S.*

**17. Electrical Laboratory.** Prof. Hewitt, Mr. Hitchcock.

This course is similar to Course 4, only a specially arranged series of experiments is provided adapted to the needs of students in the Mechanical Engineering Course. For Mechanical Juniors.

*Open only to students who have completed Electrical Engineering 2.*

*One exercise per week. 2d S.*

**18. Thesis.** Prof. Hewitt, Mr. Hitchcock.

A deposit of fifteen dollars to cover any damage done to instruments or apparatus, etc., is required in this course. Any unexpended balance is refunded at the close of the college year. Where apparatus is constructed as a part of a thesis, it shall remain the property of the department. For Electrical Seniors.

*Three exercises per week. 2d S.*

**19. Dynamo Electric Machinery.** Mr. Hitchcock.

This course is a continuation of Electrical Engineering 2, but arranged to meet the requirements of students in Mechanical Engineering. This course is not as advanced as Electrical Engineering 11, but covers the same subjects in a more elementary manner. For Mechanical Seniors.

*Open only to students who have completed Electrical Engineering 2.*

*Three exercises per week. 1st S.*

**20. Dynamo Electric Machinery.** Prof. Hewitt.

This course is a completion of Electric Engineering 19. For Mechanical Seniors.

*Open only to students who have completed Electrical Engineering 19.*

*Two exercises per week. 2d S.*

**21. Industrial Electricity.** Prof. Hewitt.

This course consists of a careful study of the principles and methods employed in electrical measurements, such as resistance of wire and batteries, current measurement by ammeters and electrolysis, the use of electrical measuring instruments and a series of laboratory experiments specially arranged to meet the requirements of Chemical Engineers. A brief study will be made of the dynamo, motor, transformer, primary and secondary batteries, arc and incandescent lamps and the general principles of electrical distribution. Experiments in electrolysis, electrical furnaces, reduction of metals, etc., are provided. For Chemical Seniors.

*Three exercises per week. 1st S.*

**22. Industrial Electricity.** Prof. Hewitt.

This course is a continuation of Electrical Engineering 21, but more advanced in nature. For Chemical Seniors.

*Open only to students who have completed Electrical Engineering 21.*

*Three exercises per week. 2d S.*

**23. Contracts and Specifications.** Prof. Hewitt.

The laws and forms of engineering contracts; standard specifications for engineering materials and apparatus. For Mechanical Seniors, elective for Electrical Seniors. *One exercise per week. 1st S.*

**24. Electrical Laboratory.** Prof. Hewitt, Mr. Hitchcock.

This course is a continuation of Electrical Engineering 17 and takes up experiments of a more advanced nature. A written report will be required for which one additional credit hour will be given. For Mechanical Seniors.

*Open only to students who have completed Electrical Engineering 17.*

*Two exercises per week. 1st S.*

**25. Design of Electrical Machinery.** Mr. Hitchcock.

This course covers a study of the design of the more important electrical machines, and includes the calculation of the dimensions of the machine, both electrical and mechanical, and the predetermination of its performance from the dimensions. For Electrical Seniors.

*Open only to students who have completed Electrical Engineering 11.*

*Three exercises per week. 2d S.*

**ENGLISH.**

PROF. GROVES, PROF. SCOTT, ASST. PROF. DAVID.

**1. English Composition and Rhetoric.** Prof. David.

The theory of composition, theme writing, book reviews and an introduction to the principles of literary criticism. For all Freshmen.

*Three exercises per week. 1st S.*

**2. English Composition and Rhetoric.** Prof. David.

This is a continuation of English 1.

*Open only to students who have completed English 1.*

*Three exercises per week. 2d S.*

**3. Advanced English Composition and Criticism.** Prof. David.

(a) Composition. The four forms of composition (narration, description, exposition and argumentation) will be taken up and practice given in each form. There will also be daily and weekly themes based on topics of the day (editorials), and on required readings. (Gardner's Forms of Prose Literature.)

(b) Criticism. The history of criticism will be studied briefly, each student having one novel and one poet to criticize. (Winchester's Principles of Literary Criticism.) Elective for Arts and Science Sophomores and Juniors.

*Three exercises per week. 1st S.*

**4. The English Drama.** Prof. David.

Lectures on the English drama, with required readings in Shakespeare, Sheridan and Goldsmith. There will also be recitations and discussions. Elective for Arts and Science Juniors and Seniors.

*Three exercises per week. 2d S.*

**5. The English Novel.** Prof. Groves.

A seminar study of the development of the English novel. Considerable reading is required in this course. Elective for Arts and Science Juniors and Seniors.

*Open only to students who have completed English 1 and 2.*

*Three exercises per week. 1st S.*

**6. Argumentation.** Prof. Groves.

The principles and forms of argumentative composition, brief drawing and forensics. Practice in oratorical argumentation. Laycock and Scales' Argumentation and Debate. For Agricultural Seniors, elective for Chemical Seniors and Arts and Science Sophomores and Juniors.

*Three exercises per week. 2d S.*

**7. American Literature.** Prof. Scott.

Lectures with an extensive course of reading. Elective for Arts and Science and Agricultural Seniors.

*Four exercises per week. 2d S.*

**8. Modern English Poetry.**

A critical study is made of the poetry of Wordsworth, Tennyson and Browning, and of the social conditions that influenced the poets. Considerable reading is required. Elective for Arts and Science students.

*Open only to students who have completed English 1 and 2.*

*Three exercises per week. 2d S.*

**FORESTRY.****PROF. PICKETT.****1. Principles of Forestry.**

This course is intended to give the student a knowledge of the various methods of forestry management in Europe and America. The text and lectures will cover the use of trees for shelter, shade and ornament, and their propagation; the value of trees for timber; how to improve existing woodlands; the influence of forests upon soils, crops and climate; the establishment and management of plantations and forest trees. For Agricultural Juniors.

*Three exercises per week. 1st S.*

## FRENCH.

PROF. WHORISKEY, MR. TAISNE.

**1. Elementary French.** Mr. Taisne.

Essentials of French grammar and reading, with practice in speaking and writing French. Dictation. For Freshmen offering German for admission. *Three exercises per week. 1st S.*

**2. Elementary French.** Mr. Taisne.

Continuation of French 1. Reading of Modern French Prose; translation from English into French of connected narrative. Dictation. For Freshmen offering German for admission. *Three exercises per week. 2d S.*

**3. French Prose.** Mr. Taisne.

Reading and translation of French Prose, Composition, Poems. Elective for Arts and Science Students. *Three exercises per week. 1st S.*

**4. French Prose, History and Travel.** Mr. Taisne.

Reading and translation. Composition based on some book read in class. Elective for Arts and Science Students. *Three exercises per week. 2d S.*

**†5. French Prose of Nineteenth Century.** Mr. Taisne.

Selections from Hugo, Balzac, Sand, Dumas père, Daudet will be read. Sight reading. Elective for Arts and Science Students. *Three exercises per week. 1st S.*

**†6. French Prose of Nineteenth Century.** Mr. Taisne.

Continuation of French 5. Elective for Arts and Science Students. *Three exercises per week. 2d S.*

**†7. French Literature in the Seventeenth Century.**

Corneille, Racine, Molière, Bossuet, Mme. de Sévigné, La Fontaine. Elective for Arts and Science Students. *Three exercises per week. 1st S.*

**†8. French Literature in the Seventeenth Century.**

Continuation of French 7. Elective for Arts and Science Students. *Three exercises per week. 2d S.*

**†9. French Composition.**

Elective for Arts and Science Students. *One and one half exercises per week. 1st S.*

**†10. French Composition.**

Elective for Arts and Science Students. *One and one half exercises per week. 2d S.*

†French 5 and 6 are to be given in 1910-1911 and in alternate years with 7 and 8.

‡During the year 1910-1911, French 9 and 10 will not be given.

## GEOLOGY.

PROF. PARSONS, PROF. JACKSON.

1. **Mineralogy.** Prof. Parsons.

A short course in blowpipe analysis, followed by laboratory practice in the determination and study of minerals, with special reference to their economic value. For Chemical Juniors, elective for Agricultural and Arts and Science Juniors.

*Open only to students who have completed Chemistry 1 and 2.*

*Two exercises per week. 2d S.*

2. **Elementary Geology.** Miss Kephart.

A brief course in the elements of geology. Special attention is given to local geology and excursions are made to various points of interest in the vicinity. For Agricultural Juniors, elective for Arts and Science Juniors and Seniors.

*Three exercises per week. 2d S.*

3. **Historical Geology.** Prof. Jackson.

The development of the continents of the earth and the evolution and distribution of the animal and plant forms from the earliest times to the present. Recitations, lectures and laboratory work. Elective for Agricultural and Arts and Science Seniors.

*Open only to students who have completed Zoölogy 1 and 2 and Geology 2.*

*Three exercises per week. 1st S.*

## GERMAN.

PROF. WHORISKEY, ASST. PROF. DAVID.

1. **Elementary German.** Prof. Whoriskey, Prof. David.

German Grammar. Declension of articles, nouns, adjectives and pronouns; verbs, weak and strong. Reading of simple stories; conversation Dictation. For Freshmen offering French for admission.

*Three exercises per week. 1st S.*

2. **Elementary German.** Prof. Whoriskey, Prof. David.

Continuation of German 1. Verbs, modal auxiliaries, essentials of syntax. Composition, reading and translation; poems. Dictation. For Freshmen offering French for admission.

*Three exercises per week. 2d S.*

3. **German Prose of the Nineteenth Century.** Prof. Whoriskey, Prof. David.

Reading and translation. Composition based on some book read in class. For Engineering Sophomores, elective for Agricultural and Arts and Science Sophomores.

*Three exercises per week. 1st S.*

4. **Scientific German.** Prof. Whoriskey, Prof. David.  
Reading and Translation. Composition. For Engineering Sophomores, elective for Agricultural and Arts and Science Sophomores.  
*Three exercises per week. 2d S.*
- †5. **Goethe.** Prof. Whoriskey.  
His Life and Works. Elective for Arts and Science Students.  
*Three exercises per week. 1st S.*
- †6. **Goethe.** Prof. Whoriskey.  
Continuation of German 5. Elective for Arts and Science Students.  
*Three exercises per week. 2d S.*
- †7. **Schiller.** Prof. Whoriskey.  
Life and Works. Elective for Arts and Science Students.  
*Three exercises per week. 1st S.*
- †8. **Schiller.**  
Continuation of German 7. Elective for Arts and Science Students.  
*Three exercises per week. 2d S.*
9. **German Composition.** Prof. Whoriskey.  
Elective for Arts and Science Students.  
*Two exercises per week. 1st S.*
10. **German Composition.** Prof. Whoriskey.  
Elective for Arts and Science Students.  
*Two exercises per week. 2d S.*
- ‡11. **German Composition.**  
Elective for Arts and Science Students.  
*Three exercises per week. 1st S.*
- ‡12. **German Composition.**  
Elective for Arts and Science Students.  
*Three exercises per week. 2d S.*
- †13. **Sudermann.** Prof. Whoriskey.  
His Life and Principal Works. Elective for Arts and Science Students.  
*Three exercises per week. 1st S.*
- †14. **Sudermann and His Contemporaries.**  
Continuation of German 13. Elective for Arts and Science Students.  
*Three exercises per week. 2d S.*

†German 5 and 6 are to be given in 1911-1912 and in alternate years with 7 and 8. In 1910-1911, German 13 and 14 will be given instead of German 7 and 8.

‡German 11 and 12 will not be given during the year 1910-1911.

## HISTORY.

PROF. SCOTT.

In the courses in History an important place is given to historical reading carried on in the reference room. In some cases a considerable part of the work is written.

*History 1 and 2 and History 3 and 4 are given in alternate years. History 1 and 2 are offered in 1910-'11.*

## 1. History of Europe from 476 to 1492.

Recitations and collateral reading. For Arts and Science Freshmen, elective for Arts and Science Sophomores.

*Three exercises per week. 1st S.*

## 2. History of Europe from 1492 to 1715.

Recitations and collateral reading. For Arts and Science Freshmen, elective for Arts and Science Sophomores.

*Three exercises per week. 2d S.*

## 3. History of Europe from 1715 to 1815.

Recitations and collateral reading. For Arts and Science Freshmen, elective for Arts and Science Sophomores.

*Three exercises per week. 1st S.*

## 4. History of Europe since 1815.

Recitations and collateral reading. For Arts and Science Freshmen, elective for Arts and Science Sophomores.

*Three exercises per week. 2d S.*

## 5. American History to 1789.

For Agricultural Seniors, elective for Arts and Science Juniors.

*Three exercises per week. 1st S.*

## 6. Political and Constitutional History of the United States from 1789 to 1850.

For Agricultural Seniors, elective for Arts and Science Juniors.

*Three exercises per week. 2d S.*

## 7. Political and Constitutional History of the United States since 1850.

Elective for Arts and Science Seniors.

*Three exercises per week. 1st S.*

## HORTICULTURE.

PROF. PICKETT, MR. LUMSDEN, MR. WOLFF, MR. GARDNER.

With the rapid development of agricultural education, the science of horticulture has become more clearly defined. Horticulture is subdivided into five classes, viz.: (1) Pomology, or Fruit Growing; (2) Olericulture, or Vegetable Gardening; (3) Floriculture, or Flower Growing; (4) Landscape Gardening; and (5) Nursery Practice.

**1. Principles of Horticulture.** Prof. Pickett.

This course is elementary, and comprises the fundamentals of horticulture, emphasizing the sciences upon which horticulture rests and the scope and importance of its field. For Agricultural Freshmen. Last nine weeks. *Three exercises per week. 1st S.*

**2. Olericulture.** Mr. Gardner.

Lectures and recitations upon the culture, classification and identification of vegetables. The storing and marketing of vegetables are also considered. For Agricultural Freshmen.

*Two exercises per week. 2d S.*

**3. Practical Pomology.** Mr. Wolff.

Dealing with problems of fruit growing such as location, choice of site, kind and adaptability of soil for fruit growing, soil management, planting of orchards, pruning, sprays and spraying, thinning, harvesting and marketing. Lectures and laboratory work. For Agricultural Sophomores.

*Three exercises per week. 2d S.*

**4. Greenhouse Construction and Management.** Mr. Lumsden.

Lectures, recitations and laboratory work. This course aims to familiarize the student with modern methods of greenhouse work and the more important plants grown under glass. Soils, varieties, culture, marketing, enemies, etc., are studied. Each student is required to do practical work in propagating, potting, watering, ventilating, etc. A study is made of the history and development of different types of greenhouses, including methods of heating and general management. Elective for Agricultural Juniors.

*Two exercises per week. 1st S.*

**5. Landscape Gardening.** Mr. Lumsden.

An elementary course in ornamental and landscape gardening with special reference to the beautifying of home surroundings. Elective for Agricultural Juniors.

*Two exercises per week. 2d S.*

**6. Vegetable Gardening under Glass.** Mr. Lumsden.

A study of the methods of growing market vegetables in greenhouses. Lectures and practical exercises in the greenhouse. Elective for Agricultural Seniors.

*Two exercises per week. 2d S.*

**7. Nursery Management.** Mr. Wolff.

A study of the methods of propagation and the care of trees, shrubs and perennial plants in the nursery. Lectures, reference readings and practice. Elective for Agricultural Juniors

*Three exercises per week. 2d S.*

**8. Viticulture and Small Fruit Culture.** Mr. Wolff.

A comprehensive study of the grape and small fruits such as the strawberry, raspberry, blackberry, currant and gooseberry. Each fruit is

studied with reference to all the essential points such as history, classification, propagation, planting, pruning, enemies, diseases, picking and marketing. Elective for Agricultural Juniors.

*Two exercises per week. 1st S.*

**9. Commercial Floriculture.** Mr. Lumsden.

A study of the growing of cut flowers and decorative plants. Lectures and practical exercises in the greenhouse. Elective for Agricultural Seniors.

*Three exercises per week. 1st S.*

**10. Evolution and Improvement of Plants.** Prof. Pickett.

The application of the principles of evolution to the improvement of plants. Variation, selection and heredity as applied to the problems of plant breeding in agricultural practice. Elective for Agricultural Seniors.

*Two exercises per week. 2d S.*

**11. Systematic Pomology and Commercial Orcharding.** Mr. Wolff.

The first eight weeks of the semester are devoted to a study of the leading varieties of fruits and their adaptations, with special reference to New England conditions. During the remainder of the semester this course deals with the management of commercial orchards, problems of marketing, packing, transportation and coöperation. Lectures, reference reading and laboratory work. Elective for Agricultural Seniors.

*Four exercises per week. 1st S.*

**12. Advanced Landscape Gardening.** Mr. Lumsden.

A study of the principles and composition of landscape gardening as applied to public and private grounds. Lectures, reference readings and plans. Elective for Agricultural Seniors.

*Open only to students who have completed Horticulture 5.*

*Two exercises per week. 2d S.*

**13. Advanced Vegetable Gardening.** Mr. Gardner.

The management of commercial vegetable gardening establishments; rotation of crops, manures, markets and special crops. Elective for Agricultural Seniors.

*Two exercises per week. 2d S.*

**14. Cold Storage and Horticultural Manufactures.** Prof. Pickett.

This course embraces a study of the methods and principles involved in the building and refrigeration of fruit storage houses and in the manufacture of fruit and vegetable products. The efficiency of various refrigerants and insulating systems is discussed in relation to cold storage. The processes of canning and evaporating fruits and vegetables, the manufacture and bottling of fruit juices, and the relation of moulds, yeasts and bacteria to these processes are taught. Lectures, assigned reading and laboratory work. Elective for Agricultural Seniors.

*Two exercises per week. 2d S.*

## LATIN.

## 1. Livy (book I); Pliny (Letters).

Elective for Arts and Science Freshmen. Open only to students who have offered Advanced Latin for entrance.

*Three exercises per week. 1st S.*

## 2. Terence (Andria and Phormio).

Continuation of Latin 1. Elective for Arts and Science Freshmen.

*Three exercises per week. 2d S.*

## 3. Tacitus (Annals).

Elective for Arts and Science Sophomores.

*Three exercises per week. 1st S.*

## 4. Horace (Odes and Epodes).

Continuation of Latin 3. Elective for Arts and Science Sophomores.

*Three exercises per week. 2d S.*

## MACHINE DESIGN.

PROF. PUTNAM, MR LATON.

## 1. Mechanism. Prof. Putnam.

The study of machine parts with respect to their forms, motions and modes of connection; the kinematics of fluids; the theory of the slide valve. For Electrical and Mechanical Sophomores.

*Open only to students who have completed Mathematics 1 to 2.*

*Three exercises per week. 1st S.*

## 2a. Mechanism. Prof. Putnam.

Continuation of Machine Design 1. For Electrical and Mechanical Sophomores.

*Two exercises per week. 2d S.*

## 2b. Elementary Machine Design.

For Electrical and Mechanical Sophomores.

*One exercise per week. 2d S.*

## 3. Theoretical Mechanics.

Composition and resolution of forces, conditions of equilibrium, center of gravity, with special attention to plane surfaces, friction, the simple machines, laws of motion, motion in a resisting medium, constrained motion, impact, work and energy, moment of inertia, particularly of plane surfaces; also strength of materials. For Engineering Juniors.

*Open only to students who have completed Mathematics 1 to 7 inclusive and Physics 1.*

*Four exercises per week. 1st S.*

## 4. Designing and Drawing. Prof. Putnam.

The application of Course 3 to practical problems worked out in the drafting room. For Electrical and Mechanical Juniors.

*Open only to students who have completed Mathematics 1 to 7 inclusive, Physics 1 and Machine Design 1 and 2.*

*Three exercises per week. 1st S.*

**5. Theoretical Mechanics.**

Continuation of Machine Design 3. For Engineering Juniors.

*Four exercises per week. 2d S.*

**6. Shop Machinery.** Prof. Putnam, Mr. Laton.

The design of shop machinery of all kinds, except power plant machinery. For Mechanical Juniors.

*Three exercises per week. 2d S.*

**MATHEMATICS.**

PROF. PETTEE, ASSOC. PROF. MOORE.

**1. Algebra Completed.** Prof. Pettee, Prof. Moore.

For all Freshmen.

*Four exercises per week. 1st S.*

**2. Solid Geometry with Advanced Course.** Prof. Moore.

For Engineering Freshmen entering without the subject, elective for Agricultural and Arts and Science Freshmen.

*Two exercises per week. 1st S.*

**3. Plane and Spherical Trigonometry.** Prof. Pettee, Prof. Moore.

For all Freshmen. First nine weeks.

*Four exercises per week. 2d S.*

**4. Surveying.** Prof. Pettee.

Recitations, field-work and plotting, including compass, transit, plane-table and level work. For Engineering and Agricultural Freshmen, elective for Arts and Science Freshmen. Last eight weeks.

*Four exercises per week. 2d S.*

**5. Analytical Geometry.** Prof. Pettee, Prof. Moore.

For Engineering Sophomores, elective for Arts and Science Sophomores.

*Five exercises per week. 1st S.*

**6. Differential and Integral Calculus.** Prof. Pettee, Prof. Moore.

For Engineering Sophomores, elective for Arts and Science Sophomores.

*Five exercises per week. 2d S.*

**7. Differential Equations.** Prof. Moore.

Elective for Arts and Science Juniors.

*Two exercises per week. 1st S.*

**8. Quaternions.** Prof. Moore.

Elective for Arts and Science Juniors.

*Two exercises per week. 2d S.*

**9. Astronomy.** Prof. Pettee.

Elective for Arts and Science Seniors.

*Two exercises per week. 2d S.*

**\*MECHANICAL ENGINEERING.**

PROF. CARDULLO, PROF. PUTNAM.

**7. Thermodynamics.** Prof. Cardullo.

Study of the thermodynamic properties of gases and vapors, and of the phenomena of operation of thermodynamic engines; analysis of the causes of energy losses and methods of minimization; interpretation of indicator and temperature-entropy diagrams; study of steam engines and turbines, boilers, gas engines and producers and refrigerating machinery. For Electrical and Mechanical Juniors and Chemical Seniors.

*Open only to students who have completed Mathematics 6.*

*Three exercises per week. 1st S.*

**8. Thermodynamics.** Prof. Cardullo.

Continuation of Mechanical Engineering 7. For Electrical and Mechanical Juniors.

*Three exercises per week. 2d S.*

**9. Mechanical Laboratory.** Prof. Cardullo.

Study of apparatus and methods of calibration used in engineering investigations; testing of iron, steel and wood; valve setting and indicator practice. For Electrical and Mechanical Juniors.

*Open only to students who have completed or are taking Machine Design 3 and Mechanical Engineering 7.*

*Two exercises per week. 1st S.*

**10. Mechanical Laboratory.** Prof. Cardullo.

Study of miscellaneous engineering materials and apparatus, and standard methods of testing; lubricants, cement, fuels, boilers, engines, pumps, power-plant appliances and supplies, etc. For Electrical and Mechanical Juniors.

*Open only to students who have completed Mechanical Engineering 9.*

*Two exercises per week. 2d S.*

**11. Hydraulics.** Prof. Cardullo.

A study of the principles and practice of hydraulic machinery and measurements. For Electrical and Mechanical Seniors.

*Open only to students who have completed Machine Design 5.*

*Four exercises per week. 1st S.*

**12. Materials of Engineering.** Prof. Cardullo.

A study of the properties, commercial forms, methods of preparation and use of engineering materials. For Electrical and Mechanical Seniors.

*Two exercises per week. 1st S.*

\*A fee of two dollars and one-half per semester will be charged to students taking Mechanical Engineering laboratory work, to cover damage and breakage, the balance to be returned at the end of the semester.

**13. Mechanical Laboratory.** Prof. Cardullo.

A critical study and detailed analysis of the performance of engineering apparatus, particularly of steam and gas engines, hydraulic apparatus, etc. For Electrical and Mechanical Seniors. Three hours' credit is given for this course.

*Open only to students who have completed Mechanical Engineering 10.  
Two exercises per week. 1st S.*

**14. Mechanical Laboratory.** Prof. Cardullo.

Continuation of Course 13. For Mechanical Seniors. Three hours' credit is given for this course.

*Open only to students who have completed Mechanical Engineering 13.  
Two exercises per week. 2d S.*

**15. Heat Engine Design.** Prof. Cardullo.

Study of the structure and proportions of heat engines; design of valves and valve gears, governors, fly wheels and principal members of steam and gas engines and steam turbines. For Mechanical Seniors.

*Five exercises per week. 1st S.*

**16. Shop Design and Equipment.** Prof. Putnam.

A study of the proper choice and arrangement of tools, machinery and equipment of all kinds for shops and factories; the design of suitable buildings for housing the same and estimates of quantities of material and cost of construction. Particular attention will be given to textile mills and machine shops. For Mechanical Seniors.

*Four exercises per week. 2d S.*

**17. Power Plant Design.** Prof. Cardullo.

A study of different types of power plants, power plant apparatus and equipment and of controlling factors in the cost of power generation and distribution; the design of a power plant to meet given conditions. For Mechanical Seniors.

*Two exercises per week. 2d S.*

**19. Economics of Engineering.** Prof. Cardullo.

A discussion of the principles and practice of systems of shop organization and management, cost keeping, wage payment and methods of cost reduction; also a discussion of engineering finance, welfare work, labor conditions, factory laws, etc. For Electrical and Mechanical Seniors.

*Three exercises per week. 2d S.*

**METEOROLOGY.****1. Meteorology.**

Recitations and lectures on wind systems, precipitation, humidity, laws of storms and tornadoes and methods of prediction of atmospheric changes. For Agricultural Seniors, elective for Arts and Science Seniors.

*Two exercises per week. 1st S.*

**\*MILITARY SCIENCE AND TACTICS.**

LIEUT. EDGERLY.

Unless excused by proper authority, all male students are required to complete three years' satisfactory work in Drill and two years' satisfactory work in theoretical Military Science.

**DRILL.**

Drill 1 to 8 inclusive includes practical instruction in the following subjects: Close and Extended Order Drills by Company and Battalion, Advance and Rear Guards, Outposts, Marches, Ceremonies, Battalion Review, Parades and Guard Mounting, Guard Duty, Calisthenics and Gymnastics, Rifle Practice, First Aid to the Injured.

**1. Military Drill.**

For Freshmen.

*Two exercises per week. 1st S.***2. Military Drill.**

Continuation of Drill 1. For Freshmen.

*Two exercises per week. 2d S.***3. Military Drill.**

For Sophomores.

*Two exercises per week. 1st S.***4. Military Drill.**

Continuation of Drill 3. For Sophomores.

*Two exercises per week. 2d S.***5. Military Drill.**

For Juniors.

*Two exercises per week. 1st S.***6. Military Drill.**Continuation of Drill 5. For Juniors. *Two exercises per week. 2d S.***7. Military Drill.**

Elective for Seniors only.

*Two exercises per week. 1st S.***8. Military Drill.**

Continuation of Drill 7. Elective for Seniors only.

*Two exercises per week. 2d S.***MILITARY SCIENCE.**

Military Science 1 to 8 inclusive includes theoretical instruction in the principles of the military profession and in the theory of the specific movements taught on the drill ground and in the field, the military

\*Students who are excused from Drill by competent authority are required to take additional work in some subject equivalent in hours to the military work from which they are excused.

policy and history of the United States, the principles of military discipline and the administration duties of military officers.

**1. Infantry Drill Regulations.**

Practical instruction and lectures. For Freshmen.

*One exercise per week. 1st S.*

**2. Manual of Guard Duty and Small Arms Firing Regulations.**

Practical instruction and lectures. For Freshmen.

*Open only to students who have completed Military Science 1.*

*One exercise per week. 2d S.*

**3. Field Service Regulations.**

Lectures and discussions covering advance and rear guards, outposts, patrols, etc. For Sophomores.

*Open only to students who have completed Military Science 2.*

*One exercise per week. 1st S.*

**4. Field Service Regulations.**

Continuation of Military Science 3. Practical field work. For Sophomores.

*Open only to students who have completed Military Science 3.*

*One exercise per week. 2d S.*

**5. Field Service Regulations.**

Preparation of problems requiring the issuing of field orders, knowledge of marches, transportation, subsistence, etc. Elective for Juniors.

*Open only to students who have completed Military Science 4.*

*One exercise per week. 1st S.*

**6. Military Map Reading and Sketching.**

Elective for Juniors.

*Open only to students who have completed Military Science 5.*

*One exercise per week. 2d S.*

**7. Army Regulations, Organization and Administration.**

Lectures and preparation of military papers. Elective for Seniors.

*Open only to students who have completed Military Science 6.*

*One exercise per week. 1st S.*

**8. Army Regulations, Organization and Administration.**

Continuation of Military Science 7. Elective for Seniors.

*Open only to students who have completed Military Science 7.*

*One exercise per week. 2d S.*

## PHILOSOPHY AND PEDAGOGY.

PROF. GROVES.

The certification of teachers in the public schools is usually based upon the candidate's preparation in the subjects covered by Philosophy 1, 2, 3, 4 and 5. In many states, certification is required of public school

teachers; in other states, as in New Hampshire, it is a great advantage.

### 1. Psychology.

An introduction to the study of mental life. The practical needs of the student are related as closely as possible to the work of the course. For Arts and Science Sophomores or Seniors, elective for Agricultural Sophomores. *Three exercises per week. 1st S.*

### 2. The History of Educational Theory.

The greater part of the course is taken up with the study of the modern educational reformers, Comenius, Rousseau, Pestalozzi, Froebel, Spencer and Herbart. Elective for Arts and Science Freshmen and Sophomores. *Two exercises per week. 2d S.*

### 3. Philosophy of Education.

Education is studied as a social product and as a means of social control. Lectures on the motives of primitive society and the development of modern ideals. Elective for Agricultural Sophomores or Juniors, Arts and Science Juniors and Chemical Seniors. *Three exercises per week. 2d S.*

### 4. The Problems of School Education.

A study of the fundamental problems in school education; attention, interest, apperception, formal discipline and class room management. New Hampshire school law is also studied. Elective for Arts and Science Students. *Three exercises per week. 1st S.*

### 5. Advanced Psychology.

This course continues the study of consciousness begun in Philosophy 1. Especial attention is given to the application of psychology to the problems of education. Elective for Arts and Science Students.

*Open only to students who have completed Philosophy 1.*

*Three exercises per week. 2d S.*

### 6. Introduction to Philosophy.

A general survey of the field of philosophy with special reference to the definition of its problems, its spirit, its method and its relation to the various sciences; the theory of thought and knowledge; the doctrine of nature and of mind. This course aims to acquaint students with the ultimate problems of thought and to suggest possible solutions. Elective for Arts and Science Students.

*Open only to students who have completed one course in Philosophy.*

*Two exercises per week. 1st S.*

### 9. Ethics.

A study of the development of ethical thought, the various types of ethical theory and the philosophic basis of social and political rights and duties. Elective for Arts and Science Students.

*Open only to students who have completed Philosophy 1 and Political Science 1.*

*Three exercises per week. 1st S..*

### PHYSICAL CULTURE.

Unless excused by proper authority, all women students are required to complete three years' work in Physical Culture.

#### 1. Physical Culture.

A course in freehand calisthenics, dumb bell and wand drills, apparatus work and gymnasium dancing adapted to the needs of women students. *One exercise per week. 1st S.*

#### 2. Physical Culture.

A continuation of Physical Culture 1.

*One exercise per week. 2d S.*

### PHYSICS.

PROF. NESBIT.

#### 1. Mechanics and Heat.

Mechanics: The principles and laws of general physics are illustrated by a number of experiments, and the student is taught to make ready application of his mathematics in the solution of problems. It is intended to provide a foundation in the dynamics of solids, liquids and gases, and also in the subjects of statics and hydrostatics. Instruction is given by lectures, recitations and problem work. The text used is Watson's Physics. Reference is made to Ames' Theory of Physics, Duff's Text-book of Physics, and other standard treatises.

Heat: The theories of heat are briefly discussed. The subdivisions of the subject, such as the nature of heat, its effects, thermometry, sources of heat, the transference and transformations of heat are considered in detail. Constant attention is given to the relation of these topics to the subject of thermodynamics. Watson's Physics is used as a text. For Agricultural and Engineering Sophomores, elective for Arts and Science Course Sophomores. *Three exercises per week. 1st S.*

#### 2. Light, Sound and Electricity.

Light: The subject is approached from the geometrical and physical standpoint. A number of experiments are performed illustrative of wave motion in general, followed by a study of that form of wave motion upon which the modern theory is based. The subject is developed progressively and due attention is given to such subjects as reflection, refraction, color, the spectrum, and interference and polarization phenomena. The student makes a careful study of optical instruments of all classes. Watson's Physics is used as the text.

Sound: The course consists of lectures and recitations, considerable emphasis being laid upon the relation of the subject to the transmission of speech. The text used is Stone's Elementary Lessons in Sound.

Electricity and Magnetism: Numerous experiments are performed to illustrate the various phenomena of electrostatics, magnetism, current electricity and electric waves. As the course advances, the attention of the student is constantly called to the applications of electricity to the arts and sciences. S. P. Thompson's *Elementary Lessons in Electricity and Magnetism* is used as a text. For Agricultural and Engineering Sophomores, elective for Arts and Science Sophomores.

*Open only to students who have completed Physics 1.*

*Three exercises per week. 2d S.*

#### 4. Physical Laboratory.

The strictly laboratory work of this course is preceded by a brief study of the methods of making physical measurements, of determining the constants in physical laws, and of discussing the results obtained in the experiments. A careful study is made of the different types of electrical measuring instruments and the methods employed in the laboratory.

The apparatus employed in the experimental part of Physics 4 and 5 is adapted to no special laboratory manual, and either notes are prepared for students' use or reference is made to the works of Watson, Ames and Bliss, E. L. Nichols, H. M. Godwin and others. The laws of general physics are investigated experimentally. The student is encouraged to acquire skill in the manipulation of apparatus, habits of clearness and neatness in keeping records, as well as enthusiasm for independent and original investigation. A careful study is made of the analytical balance, time measuring devices, heat measurements, the microscope, spectroscopy, lens combinations, photometry, the laws of vibrating strings and the simple electrical measurements. The student has practice in the calibration of galvanometers and ammeters, the determination of the constants of instruments, the measurement of voltages, resistances, etc.

On the completion of Physics 4 and 5, an examination is given to test the student's knowledge of physical research, both in attacking a given problem and in thinking and acting for himself. For Electrical and Mechanical Juniors, elective for Arts and Science Juniors.

*Four exercises per week. 1st S.*

#### 5. Physical Laboratory.

A continuation of Physics 4. For Electrical and Mechanical Juniors, elective for Arts and Science Juniors. *Four exercises per week. 2d S.*

A fee of ten dollars is required in Physics 4 and 5 to cover breakage, etc. Any unexpended balance is refunded to the student at the close of the college year.

#### 6. Physical Laboratory.

The introduction to this course is similar to that of Physics 4. Ewell's *Physical Chemistry* and notes are used with this course. For Chemical Juniors. *Two exercises per week. 1st S.*

**7. Physical Laboratory.**

Continuation of Physics 6 and is largely devoted to experimental work in Physical Chemistry. *Four exercises per week. 2d S.*

**8. Physical Laboratory,**

For Agricultural Sophomores. *One exercise per week. 2d S.*

**POLITICAL SCIENCE.**

PROF. SCOTT.

**1. Political Economy.**

An elementary course, with lectures upon some of the practical questions of the day. For Arts and Science Sophomores, Agricultural Juniors and Engineering Seniors. *Three exercises per week. 2d S.*

**2. Laws of Business.**

Recitations supplemented by lectures and the discussion of cases. Elective for Arts and Science Juniors and Seniors and Agricultural Seniors. *Three exercises per week. 1st S.*

**3. American Constitutional Law.**

Use is made of Pomeroy's Constitutional Law, which is supplemented by the decisions of the United States Supreme Court. Special attention is given to the connections between American constitutions and American political history. Elective for Arts and Science Juniors and Seniors and Agricultural Seniors. *Three exercises per week. 1st S.*

**4. Money and Banking.**

Recitations, readings and lectures. Elective for Agricultural Seniors and Arts and Science Juniors and Seniors.

Political Science 4 and 5 are given in alternate years. Political Science 4 will be offered in the year 1910-1911.

*Open only to students who have completed Political Science 1.*

*Three exercises per week. 2d S.*

**5. Public Finance.**

Recitations, readings and lectures. Elective for Agricultural Seniors and Arts and Science Juniors and Seniors.

Political Science 4 and 5 are given in alternate years. Political Science 5 will be offered in the year 1911-1912.

*Open only to students who have completed Political Science 1.*

*Three exercises per week. 2d S.*

**SHOP WORK.**

PROF. CARDULLO, MR. LITTLE, MR. TONKIN.

Three hours' work in the shop is reckoned as one exercise.

**1a. Wood Work. Mr. Little.**

Exercises in carpentry work, joinery and pattern making. For Engineering Freshmen. *Two and one half exercises per week. 1st S.*

**1b. Wood Work.** Mr. Little.

Same as Course 1a. Elective for Arts and Science Freshmen.

*Two exercises per week. 1st S.*

**2. Forging.** Mr. Tonkin.

This course consists of exercises in upsetting, drawing, forming and welding. For Engineering Freshmen. (Division 2.) First nine weeks.

*Two exercises per week. 2d S.*

**3. Forging.**

Same as Shop Work 2. For Electrical and Mechanical Sophomores, (Division 1).

*Two exercises per week. 1st S.*

**4. Machine Work.** Mr. Tonkin.

A course in Turning, Facing, Thread Cutting, Milling, Shaping, Scraping, Filing and Planing. For Electrical and Mechanical Sophomores.

*Two and one half exercises per week. 2d S.*

**9. General Machine Work.** Mr. Tonkin.

Continuation of Shop Work 4. For Electrical and Mechanical Juniors.

*One exercise per week. 1st S.*

**10. Manufacturing.** Mr. Tonkin.

Construction and use of jigs and special fixtures; use of limit gauges, special tools, turret and screw machinery; manufacture of some simple machine, using special appliances. For Electrical Juniors, elective for Mechanical Juniors.

*One exercise per week. 2d S.*

**11. Special Shop Work.**

Work arranged to suit the needs of particular students.

**13. Wood Work.**

Same as Shop Work 1. For Agricultural Freshmen. First nine weeks.

*Two exercises per week. 2d S.*

**14. Forging.** Mr. Tonkin.

For Agricultural Freshmen. First eight weeks.

*Two exercises per week. 1st S.*

**15. Machine Work.** Mr. Tonkin.

Same as Shop Work 4. For Chemical Seniors.

*Two exercises per week. 1st S.*

**\* SPANISH.****1. Elementary Spanish.**

This course will consist of an elementary study of Spanish grammar, supplemented and followed by reading of easy Spanish tests. Elective for Arts and Science Juniors.

*Three exercises per week. 1st S.*

\*Spanish 1 and 2 will not be given in 1910-1911.

## 2. Elementary Spanish.

This course will consist of a thorough review of Spanish grammar, based on the texts studied in Spanish 1, and reading of more advanced Spanish texts. Elective for Arts and Science Juniors.

*Open only to students who have completed Spanish 1.*

*Three exercises per week. 2d S.*

## ZOOLOGY.

PROF. JACKSON, PROF. O'KANE, MISS KEPHART.

The courses in Zoölogy are arranged in sequence for those studying Agriculture or Economic Entomology, and for those desiring a more general course fitting them for teaching or for medical studies, though any courses offered may be taken by those who have completed previous courses necessary.

### 1. Invertebrate Zoology.

This course deals with the fundamental principles of life and with the structure, habits and life history of the invertebrate animals. The economic aspect will be especially emphasized. Lectures and laboratory dissection of type forms. For Agricultural Sophomores, elective for Arts and Science Freshmen and Sophomores.

*Three exercises per week. 1st S.*

### 2. Vertebrate Zoology.

A continuation of Zoölogy 1, dealing with the structure, habits and life history of the vertebrate animals, and their relation to man. Lectures and laboratory dissection of type forms. For Agricultural Sophomores, elective for Arts and Science Freshmen and Sophomores.

*Open only to students who have completed Zoölogy 1.*

*Three exercises per week. 2d S.*

### 3. Economic Entomology.

A general survey of the structure, habits and classification of the different orders of insects, with special reference to insects affecting crops, orchards, etc. Means and methods of combating them. Lectures, laboratory dissection and classification. For Agricultural Juniors, elective for Arts and Science Sophomores and Juniors.

*Open only to students who have completed Zoölogy 1 and 2.*

*Three exercises per week. 1st S.*

### 4. Advanced Entomology.

The methods of study and general principles of combating insect pests. The literature and history of Economic Entomology. Practice in rearing and combating insect pests. Elective for Agricultural and Arts and Science Sophomores and Juniors.

*Open only to students who have completed Zoölogy 1, 2 and 3.*

*Three exercises per week. 2d S.*

**5. Economic Zoology.**

This course will deal exclusively with the economic aspect of Zoölogy, and will consist of conferences and lectures in addition to assigned work calculated to meet the needs of the individual student.

*Open only to students who have completed Zoölogy 1 and 2.*

*Three exercises per week. 1st S.*

**6. Economic Zoology.**

A continuation of Zoölogy 5.

*Open only to students who have completed Zoölogy 1 and 2.*

*Three exercises per week. 2d S.*

**7. General Physiology.**

A study of the vital phenomena of animal life with special reference to the human body. The nervous, digestive, muscular, secretory and sensory processes will be discussed in detail.

*Open only to students who have completed Zoölogy 1 and 2.*

*Three exercises per week. 2d S.*

**8. Evolution.**

Lectures and laboratory work dealing with the theoretical side of the problems of evolution. The history of evolution and various theories of heredity, variation and selection will be discussed. For Agricultural Seniors.

*Open only to students who have completed Zoölogy 1 and 2.*

*Three exercises per week. 1st S.*

**9. Faunal Zoology. (Invertebrates).**

A study of the habits, life history and identification of local invertebrate forms. The work will consist of field trips, lectures and laboratory practice in the identification of the material collected.

*Open only to students who have completed Zoölogy 1 and 2.*

*Three exercises per week. 1st S.*

**10. Faunal Zoology. (Vertebrates).**

Continuation of Zoölogy 9. A study of the habits, life history and identification of local vertebrate forms with special reference to birds and mammals.

*Open only to students who have completed Zoölogy 1 and 2.*

*Three exercises per week, 2d S.*

**11. Advanced Zoology.**

This course is arranged to suit the individual needs of those who wish to specialize in Zoölogy.

*Open only to students who have completed Zoölogy 1 and 2 and have shown a proficiency in Zoölogy. Three or four exercises per week. 1st S.*

**12. Advanced Zoology.**

Continuation of Zoölogy 11. *Three or four exercises per week. 2d S.*

## 13. Zoological Seminar.

Reports and discussions upon the current literature of Zoölogy. Also reports on special topics and observations.

*Open only to students by permission of the head of the department.*

*One exercise per week. 1st S.*

## 14. Zoological Seminar.

Continuation of Zoölogy 13.

*One exercise per week. 2d S.*

## FOUR-YEAR COURSES.

## COURSES OF STUDY AND SCHEDULE OF HOURS.

(For details see Description of Studies.)

Attendance at Convocation is required of all students and attendance at Military Drill is required of all male students, unless members of the Senior class or unless excused by proper authority.

## AGRICULTURAL COURSE.

## Freshman Year.

## FIRST SEMESTER.

<i>Chemistry 1</i>	Inorganic Chemistry.....	3
<i>Drawing 1b</i>	Industrial Drawing.....	2
<i>English 1</i>	English Composition and Rhetoric .	3
<i>French 1 or</i>	Elementary French.....	} 3
<i>German 1</i>	Elementary German.....	
<i>Horticulture 1</i>	Principles of Horticulture (last nine weeks).....	1½
<i>Mathematics 1</i>	Algebra.....	4
‡ <i>Mathematics 2</i>	Solid Geometry.....	2
<i>Drill 1</i>	Military Drill.....	1
<i>Military Science 1</i>	Infantry Drill Regulations.....	1
<i>Shop Work 14</i>	Forging (first eight weeks).....	2

## SECOND SEMESTER.

<i>Chemistry 2</i>	Inorganic Chemistry.....	2
<i>Drawing 4</i>	Design of Farm Buildings.....	2
<i>English 2</i>	English Composition and Rhetoric.....	3
<i>French 2 or</i>	Elementary French.....	} 3
<i>German 2</i>	Elementary German.....	
<i>Horticulture 2</i>	Olericulture.....	2
<i>Mathematics 3</i>	Trigonometry (first nine weeks)....	2½
<i>Mathematics 4</i>	Surveying (last eight weeks).....	1½
<i>Drill 2</i>	Military Drill.....	1
<i>Military Science 2</i>	Manual of Guard Duty, etc.....	1
<i>Shop Work 13</i>	Wood Work (first nine weeks).....	1

‡Not a required subject.

## Sophomore Year.

## FIRST SEMESTER.

<i>An. Husb.</i> 1	Types and Breeds of Livestock....	3
<i>Botany</i> 1	General Botany.....	3
<i>Chemistry</i> 4	Qualitative Analysis.....	3
† <i>German</i> 3	German Prose of the Nineteenth Century.....	3
<i>Drill</i> 3	Military Drill.....	1
<i>Military Science</i> 3	Field Service Regulations.....	1
† <i>Philosophy</i> 1	Psychology.....	3
<i>Physics</i> 1	Mechanics and Heat.....	3
<i>Zoology</i> 1	Invertebrate Zoölogy.....	3

## SECOND SEMESTER.

<i>Botany</i> 2	General Botany.....	3
<i>Chemistry</i> 25	Organic Chemistry.....	1
† <i>German</i> 4	Scientific German.....	3
<i>Horticulture</i> 3	Practical Pomology.....	3
<i>Drill</i> 4	Military Drill.....	1
<i>Military Science</i> 4	Field Service Regulations.....	1
† <i>Philosophy</i> 3	Philosophy of Education.....	3
<i>Physics</i> 2	Light, Sound and Electricity.....	3
<i>Physics</i> 8	Physical Laboratory.....	1
<i>Zoology</i> 2	Vertebrate Zoölogy.....	3

## Junior Year.

Elect courses to make a total of at least 18 hours each semester.

## FIRST SEMESTER.

<i>Agronomy</i> 1	Farm Equipment and Farm Crops	3
* <i>An. Husb.</i> 5	Poultry.....	2
<i>Botany</i> 3	Plant Pathology.....	3
* <i>Botany</i> 9	Systematic Botany.....	3
<i>Chemistry</i> 7	Physiological Chemistry.....	2
<i>Dairying</i> 1	Farm Dairying.....	4
<i>Forestry</i> 1	Principles of Forestry.....	3
* <i>Horticulture</i> 4	Greenhouse Construction and Management.....	2
* <i>Horticulture</i> 8	Viticulture and Small Fruit Culture.....	2
<i>Drill</i> 5	Military Drill.....	1
* <i>Military Science</i> 5	Field Service Regulations.....	1
<i>Zoology</i> 3	Economic Entomology.....	3
* <i>Zoology</i> 5	Economic Zoölogy.....	3
* <i>Zoology</i> 9	Faunal Zoölogy.....	3

## SECOND SEMESTER.

<i>Agronomy</i> 2	Soils and Soil Physics.....	4
<i>An. Husb.</i> 3	Feeds and Feeding.....	3
* <i>An. Husb.</i> 4	Veterinary Science.....	3
* <i>An. Husb.</i> 6	Advanced Livestock.....	3

\*Elective.

†Students are required to elect either German 3 and 4 or Philosophy 1 and 3. Students who elect Philosophy in place of German in the first semester will take Political Science 1 in the second semester, leaving Philosophy 3 until the second semester of the Junior Year.

*Botany 4	Mycology.....	3
*Botany 5	Plant Physiology.....	3
*Botany 10	Bacteriology.....	3
*Dairying 3	Technology of Milk.....	2
Geology 2	Elementary Geology.....	3
*Horticulture 5	Landscape Gardening.....	2
*Horticulture 7	Nursery Management.....	3
Drill 6	Military Drill.....	1
*Military Science 6	Military Map Reading and Sketching.....	1
Political Science 1	Political Economy.....	3
*Zoölogy 4	Advanced Entomology.....	3
Zoölogy 6	Economic Zoölogy.....	3
*Zoölogy 10	Faunal Zoölogy.....	3

During the Junior Year students who desire and are qualified to take up work in the Biological or Chemical Divisions of the Agricultural Course may substitute work in these divisions for Dairying 1 and Animal Husbandry 3. Students have also an opportunity to elect courses in Animal Husbandry, Dairying and Zoölogy on the one hand and in Botany and Horticulture on the other.

### Senior Year.

#### FIRST SEMESTER.

Elect six hours in addition to required work.

*Agronomy 3	Soil Management and Fertility....	3
Agronomy 5	Agricultural Seminar.....	2
*An. Husb. 7	Live Stock Management.....	3
*Botany 6	Plant Histology.....	3
*Botany 9	Systematic Botany.....	3
*Dairying 4	Factory Management.....	3
*Dairying 6	Dairy Research.....	2
History 5	American History to 1789.....	3
*Horticulture 9	Commercial Floriculture.....	3
*Horticulture 11	Systematic Pomology and Commercial Orchardling.....	4
Meteorology 1	Meteorology.....	2
*Drill 7	Military Drill.....	1
*Military Science 7	Army Regulations.....	1
Thesis	.....	2
Zoölogy 8	Evolution.....	3
*Zoölogy 11	Advanced Zoölogy.....	3 or 4
*Zoölogy 13	Zoölogical Seminar.....	1

#### SECOND SEMESTER.

Elect six hours in addition to required work.

*Agronomy 4	Manures and Fertilizers.....	2
Agronomy 6	Agricultural History and Economics (first nine weeks).....	2
Agronomy 7	Farm Mechanics (last eight weeks).....	2
*An. Husb. 2	Principles of Breeding.....	2
*Botany 5	Plant Physiology.....	3
*Elective.		

* <i>Botany</i> 10	Bacteriology.....	3
* <i>Dairying</i> 2	Advanced Butter Making.....	3
* <i>Dairying</i> 5	Dairy Bacteriology and Cheese Making.....	2
<i>English</i> 6	Argumentation.....	3
<i>History</i> 6	Const. and Political History of U. S. (1789-1850).....	3
* <i>Horticulture</i> 6	Vegetable Gardening Under Glass..	2
* <i>Horticulture</i> 10	Evolution and Improvement of Plants.....	2
* <i>Horticulture</i> 12	Advanced Landscape Gardening...	2
* <i>Horticulture</i> 13	Advanced Vegetable Gardening...	2
* <i>Horticulture</i> 14	Cold Storage and Horticultural Manufactures.....	2
* <i>Drill</i> 8	Military Drill.....	1
* <i>Military Science</i> 8	Army Regulations.....	1
<i>Thesis</i>	.....	2
* <i>Zoölogy</i> 7	General Physiology.....	3
* <i>Zoölogy</i> 12	Advanced Zoölogy.....	3
* <i>Zoölogy</i> 14	Zoölogical Seminar.....	1

In addition to the above listed courses a student may elect any other courses offered in the college for which he is qualified.

#### ARTS AND SCIENCE COURSE.

The requirements for graduation from the Arts and Science Course include (1) the completion of all required studies, (2) the completion of two years of science, (3) the completion of one hundred and forty-four semester hours and (4) the election of studies during the Sophomore, Junior and Senior Years according to the group system.

The group system requires that all Arts and Science Course students shall elect one *major* and two *minor* courses; the *major* to consist of twenty-one credit hours exclusive of thesis, in one of the three groups, in addition to the required work; and the *minors* to consist of eighteen credit hours in each of the other two groups, in addition to the required work.

At the time of making elections for the Junior Year, a student in the Arts and Science Course must submit to the registrar for approval of the Course Committee the selection of studies to satisfy the major requirement. Students in this course are required to elect at least eighteen hours each semester.

##### GROUP I.

Languages and Literature:—English; French; German; Latin; Spanish.

##### GROUP II.

Mathematics and Sciences:— Mathematics; Zoölogy; Drawing; Agriculture; Mechanical Engineering; Electrical Engineering; Chemistry; Botany; Physics; Geology; Meteorology.

\*Elective.

## GROUP III.

History; Social Science and Philosophy:— History; Political Science; Philosophy and Pedagogy.

## Freshman Year.

## FIRST SEMESTER.

* <i>Botany 1</i>	General Botany.....	3
* <i>Chemistry 1</i>	Inorganic Chemistry.....	3
* <i>Drawing 1b</i>	Industrial Drawing.....	2
<i>English 1</i>	English Composition and Rhetoric.....	3
<i>French 1 or</i>	Elementary French.....	} 3
<i>German 1</i>	Elementary German.....	
† <i>History 1 or</i>	European History, 476-1492....	} 3
† <i>History 3</i>	European History, 1715-1815..	
* <i>Latin 1</i>	Livy, Pliny.....	3
<i>Mathematics 1</i>	Algebra.....	4
* <i>Mathematics 2</i>	Solid Geometry.....	2
<i>Drill 1</i>	Military Drill.....	1
<i>Military Science 1</i>	Infantry Drill Regulations.....	1
† <i>Physical Culture 1</i>	Physical Culture.....	1
* <i>Shop Work 1b</i>	Wood Work.....	2
* <i>Zoology 1</i>	Invertebrate Zoology.....	3

## SECOND SEMESTER.

* <i>Botany 2</i>	General Botany.....	3
* <i>Chemistry 2</i>	Inorganic Chemistry.....	2
† <i>Drawing 16</i>	Free-Hand or Charcoal Drawing (Last eight weeks).....	1½
<i>English 2</i>	English Composition and Rhetoric.....	3
<i>French 2 or</i>	Elementary French.....	} 3
<i>German 2</i>	Elementary German.....	
† <i>History 2 or</i>	European History, 1492-1715 ...	} 3
† <i>History 4</i>	European History since 1815....	
* <i>Latin 2</i>	Terence.....	3
<i>Mathematics 3</i>	Trigonometry (first nine weeks) ...	2½
† <i>Mathematics 4</i>	Surveying (last eight weeks).....	1½
<i>Drill 2</i>	Military Drill.....	1
<i>Military Science 2</i>	Manual of Guard Duty.....	1
* <i>Philosophy 2</i>	History of Educational Theory....	2
† <i>Physical Culture 2</i>	Physical Culture.....	1
* <i>Zoology 2</i>	Vertebrate Zoology.....	3

## Sophomore Year.

## FIRST SEMESTER.

* <i>Botany 1</i>	General Botany.....	3
* <i>Chemistry 4</i>	Qualitative Analysis.....	3
* <i>Drawing 9</i>	Free-Hand Drawing.....	2

\*Elective.

†Students changing from other courses to the Arts and Science Course may take the required History in the Sophomore Year. Freshmen are required to elect either Drawing 16 or Mathematics 4.

‡Women students are required to take Physical Culture 1 and 2 instead of Drill and Military Science.

*English 3	Advanced English Composition and Criticism.....	3
*German 3	German Prose of the Nineteenth Century.....	3
*History 1 or	European History, 476-1492.... } 3	3
*History 3		
*Latin 3	Tacitus.....	3
*Mathematics 5	Analytical Geometry.....	5
Drill 3	Military Drill.....	1
Military Science 3	Field Service Regulations.....	1
Philosophy 1	Psychology.....	3
†Physical Culture 1	Physical Culture.....	1
*Physics 1	Mechanics and Heat.....	3
*Zoology 1	Invertebrate Zoology.....	3
*Zoology 3	Economic Entomology.....	3
*Zoology 5	Economic Zoology.....	3

## SECOND SEMESTER.

*Botany 2	General Botany.....	3
*Chemistry 25	Organic Chemistry.....	1
*Drawing 10	Free-Hand Drawing.....	2
*English 6	Argumentation.....	3
*German 4	Scientific German.....	3
*History 2 or	European History, 1492-1715.... } 3	3
*History 4		
*Latin 4	Horace.....	3
*Mathematics 6	Calculus.....	5
Drill 4	Military Drill.....	1
Military Science 4	Field Service Regulations.....	1
†Physical Culture 2	Physical Culture.....	1
*Physics 2	Light, Sound and Electricity.....	3
*Philosophy 2	History of Educational Theory....	2
Political Science 1	Political Economy.....	3
*Zoology 2	Vertebrate Zoology.....	3
*Zoology 4	Advanced Entomology.....	3
*Zoology 6	Economic Zoology.....	3

## Junior Year.

All elective, except Drill 5 and 6 and Physical Culture 1 and 2.

## FIRST SEMESTER.

Botany 3	Plant Pathology.....	3
Botany 6	Plant Histology.....	3
Botany 9	Systematic Botany.....	3
Chemistry 4	Qualitative Analysis.....	3
Drawing 11	Architectural Drawing.....	3
English 3	Advanced English Composition ...	3
English 5	English Novel.....	3
French 3	French Prose.....	3

\*Elective.

†Students changing from other courses to the Arts and Science Course may take the required History in the Sophomore Year. Freshmen are required to elect either Drawing 16 or Mathematics 4.

‡Women students are required to take Physical Culture 1 and 2 instead of Drill and Military Science.

<i>History</i> 5	American History to 1789.....	3
<i>Mathematics</i> 7	Differential Equations.....	2
<i>Drill</i> 5	Military Drill.....	1
<i>Military Science</i> 5	Field Service Regulations.....	1
<i>Philosophy</i> 4	Problems of School Education.....	3
<i>Physical Culture</i> 1	Physical Culture.....	1
<i>Physics</i> 4	Physical Laboratory.....	4
<i>Political Science</i> 2	Laws of Business.....	3
<i>Political Science</i> 3	American Const. Law.....	3
<i>Spanish</i> 1	Elementary Spanish.....	3
<i>Zoology</i> 3	Economic Entomology.....	3
<i>Zoology</i> 9	Faunal Zoology.....	3

## SECOND SEMESTER.

<i>Botany</i> 4	Mycology.....	3
<i>Botany</i> 5	Plant Physiology.....	3
<i>Botany</i> 10	Bacteriology.....	3
<i>Chemistry</i> 25	Organic Chemistry.....	1
<i>Drawing</i> 12	Architectural Drawing.....	3
<i>English</i> 4	English Drama.....	3
<i>English</i> 6	Argumentation.....	3
<i>French</i> 4	French Prose, History and Travel..	3
<i>Geology</i> 1	Mineralogy.....	2
<i>Geology</i> 2	Elementary Geology.....	3
<i>History</i> 6	Const. and Political History of U. S. (1789-1850).....	3
<i>Mathematics</i> 8	Quaternions.....	2
<i>Drill</i> 6	Military Drill.....	1
<i>Military Science</i> 6	Military Map Reading and Sketch- ing.....	1
<i>Philosophy</i> 3	Philosophy of Education.....	3
<i>Philosophy</i> 5	Advanced Psychology.....	3
<i>Physical Culture</i> 2	Physical Culture.....	1
<i>Physics</i> 5	Physical Laboratory.....	4
<i>Political Science</i> 4 or	Money and Banking.....	3
<i>Political Science</i> 5	Public Finance.....	
<i>Spanish</i> 2	Elementary Spanish.....	3
<i>Zoology</i> 7	General Physiology.....	3
<i>Zoology</i> 10	Faunal Zoology.....	3

## Senior Year.

All elective

## FIRST SEMESTER.

<i>Botany</i> 3	Plant Pathology.....	3
<i>Botany</i> 6	Plant Histology.....	3
<i>Botany</i> 9	Systematic Botany.....	3
<i>Chemistry</i> 7	Physiological Chemistry.....	2
<i>Drawing</i> 13	Advanced Architectural Drawing..	3
<i>English</i> 5	English Novel.....	3
<i>French</i> 5	French Prose of 19th Century.....	3
<i>Geology</i> 3	Historical Geology.....	3
<i>German</i> 9	German Composition.....	2
<i>German</i> 13	Sudermann.....	3

<i>History</i> 7	Const. and Political History of U. S. since 1850.....	3
<i>Meteorology</i> 1	Meteorology.....	2
<i>Drill</i> 7	Military Drill.....	1
<i>Military Science</i> 7	Army Regulations.....	1
<i>Philosophy</i> 1	Psychology.....	3
<i>Philosophy</i> 4	Problems of School Education.....	3
<i>Philosophy</i> 6	Introduction to Philosophy.....	2
<i>Philosophy</i> 9	Ethics.....	3
<i>Political Science</i> 2	Laws of Business.....	3
<i>Political Science</i> 3	American Constitutional Law.....	3
<i>Spanish</i> 1	Elementary Spanish.....	3
<i>Thesis</i>	.....	2
<i>Zoölogy</i> 8	Evolution.....	3
<i>Zoölogy</i> 11	Advanced Zoölogy.....	3 or 4
<i>Zoölogy</i> 13	Zoölogical Seminar.....	1

## SECOND SEMESTER.

<i>Botany</i> 4	Mycology.....	3
<i>Botany</i> 5	Plant Physiology.....	3
<i>Botany</i> 8	Advanced Botany.....	3
<i>Botany</i> 10	Bacteriology.....	3
<i>Drawing</i> 14	Advanced Architectural Drawing..	2
<i>English</i> 4	English Drama.....	3
<i>English</i> 7	American Literature.....	4
<i>English</i> 8	Modern English Poetry.....	3
<i>French</i> 6	French Prose of 19th Century.....	3
<i>Geology</i> 2	Elementary Geology.....	3
<i>German</i> 10	German Composition.....	2
<i>German</i> 14	Sudermann and his Contemporaries	3
<i>Mathematics</i> 9	Astronomy.....	2
<i>Drill</i> 8	Military Drill.....	1
<i>Military Science</i> 8	Army Regulations.....	1
<i>Philosophy</i> 3	Philosophy of Education.....	3
<i>Philosophy</i> 5	Advanced Psychology.....	3
<i>Political Science</i> 4 or	Money and Banking.....	3
<i>Political Science</i> 5	Public Finance.....	
<i>Spanish</i> 2	Elementary Spanish.....	3
<i>Thesis</i>	.....	1 or 2
<i>Zoölogy</i> 12	Advanced Zoölogy.....	3 or 4
<i>Zoölogy</i> 14	Zoölogical Seminar.....	1

## ENGINEERING COURSES.

## Freshman Year.

## FIRST SEMESTER.

<i>Chemistry</i> 1	Inorganic Chemistry.....	3
<i>Drawing</i> 1a	Industrial Drawing.....	2½
<i>English</i> 1	English Composition and Rhetoric.....	3
<i>French</i> 1 or	Elementary French.....	3
<i>German</i> 1	Elementary German.....	
<i>Mathematics</i> 1	Algebra.....	4
‡ <i>Mathematics</i> 2	Solid Geometry.....	2

‡For Freshmen entering without the subject.

<i>Drill 1</i>	Military Drill . . . . .	1
<i>Military Science 1</i>	Infantry Drill and Regulations . . .	1
<i>Shop Work 1a</i>	Wood Work . . . . .	2½

## SECOND SEMESTER.

<i>Chemistry 2</i>	Inorganic Chemistry . . . . .	2
† <i>Chemistry 4</i>	Qualitative Analysis (first division), (first nine weeks) . . . . .	3
<i>Drawing 2a</i>	Descriptive Geometry (first division) . . . . .	3
<i>Drawing 2b</i>	Descriptive Geometry (second division), (first nine weeks) . . . . .	2
<i>Drawing 3</i>	Continuation of Drawing 2 (second division), (last eight weeks) . . . . .	2
<i>English 2</i>	English Composition and Rhetoric . . . . .	3
<i>French 2 or</i>	Elementary French . . . . .	} 3
<i>German 2</i>	Elementary German . . . . .	
<i>Mathematics 3</i>	Trigonometry (first nine weeks) . . . . .	2½
<i>Mathematics 4</i>	Surveying (last eight weeks) . . . . .	1½
<i>Drill 2</i>	Military Drill . . . . .	1
<i>Military Science 2</i>	Manual of Guard Duty, etc. . . . .	1
† <i>Shop Work 2</i>	Forging (second division), (first nine weeks) . . . . .	2

## CHEMICAL ENGINEERING COURSE.

## Sophomore Year.

## FIRST SEMESTER.

<i>Chemistry 5</i>	Qualitative Analysis (first five weeks) . . . . .	1½
<i>Chemistry 10</i>	Quantitative Analysis (last twelve weeks) . . . . .	3½
<i>Drawing 7</i>	Elementary Machine Drawing and Free-Hand Drawing of Chem. Apparatus . . . . .	2
<i>German 3</i>	German Prose of the Nineteenth Century . . . . .	3
<i>Mathematics 5</i>	Analytical Geometry . . . . .	5
<i>Drill 3</i>	Drill . . . . .	1
<i>Military Science 3</i>	Field Service Regulations . . . . .	1
<i>Physics 1</i>	Mechanics and Heat . . . . .	3

## SECOND SEMESTER.

<i>Chemistry 6</i>	Organic Chemistry . . . . .	3
<i>Chemistry 11</i>	Quantitative Analysis . . . . .	6
<i>German 4</i>	Scientific German . . . . .	3
<i>Mathematics 6</i>	Differential and Integral Calculus . . . . .	5
<i>Drill 4</i>	Military Drill . . . . .	1
<i>Military Science 4</i>	Field Service Regulations . . . . .	1
<i>Physics 2</i>	Light, Sound and Electricity . . . . .	3

†Division 1 elects Chemistry 4 instead of Shop Work 2 and Division 2 elects Shop Work 2 instead of Chemistry 4. These divisions are made on the basis of scholarship in Chemistry 1.

## Junior Year.

## FIRST SEMESTER.

<i>Chemistry 7</i>	Physiological Chemistry . . . . .	2
<i>Chemistry 8</i>	Organic Chemical Laboratory . . . . .	3
<i>Chemistry 12</i>	Advanced Quantitative Analysis . . . . .	4
<i>Chemistry 19</i>	Chemical Journals . . . . .	2
‡ <i>Chemistry 21</i>	Physical Chemistry . . . . .	2
<i>Machine Design 3</i>	Theoretical Mechanics . . . . .	4
<i>Drill 5</i>	Military Drill . . . . .	1
‡ <i>Military Science 5</i>	Field Service Regulations . . . . .	1
<i>Physics 6</i>	Physical Laboratory . . . . .	2

## SECOND SEMESTER.

<i>Chemistry 13</i>	Advanced Quantitative Analysis . . . . .	4
‡ <i>Chemistry 14 and</i>	Industrial Chemistry . . . . .	2
‡ <i>Chemistry 15 or</i>	Metallurgy . . . . .	1
‡ <i>Chemistry 22</i>	Physical and Electro-chemistry. } . . . . .	3
<i>Chemistry 20</i>	Chemical Journals . . . . .	2
<i>Geology 1</i>	Mineralogy . . . . .	2
<i>Machine Design 5</i>	Theoretical Mechanics . . . . .	4
<i>Drill 6</i>	Military Drill . . . . .	1
‡ <i>Military Science 6</i>	Military Map Reading and Sketching . . . . .	1
<i>Physics 7</i>	Physical Laboratory . . . . .	4

## Senior Year.

## FIRST SEMESTER.

<i>Chemistry 16</i>	Assaying . . . . .	1
‡ <i>Chemistry 21</i>	Physical Chemistry . . . . .	2
<i>Chemistry 23</i>	Chemical Research and Thesis . . . . .	8
<i>Elect. Engineering 21</i>	Industrial Electricity . . . . .	3
<i>Mech. Engineering 7</i>	Thermodynamics . . . . .	3
‡ <i>Drill 7</i>	Military Drill . . . . .	1
‡ <i>Military Science 7</i>	Army Regulations . . . . .	1
<i>Shop Work 15</i>	Machine Shop . . . . .	2

## SECOND SEMESTER.

‡ <i>Chemistry 14 and</i>	Industrial Chemistry . . . . .	} 2
‡ <i>Chemistry 15 or</i>	Metallurgy . . . . .	
‡ <i>Chemistry 22</i>	Physical and Electro-Chemistry. } . . . . .	3
<i>Chemistry 24</i>	Thesis . . . . .	8
<i>Elect. Engineering 22</i>	Industrial Engineering . . . . .	3
* <i>English 6 or</i>	Argumentation . . . . .	} 3
* <i>Philosophy 3</i>	History of Education . . . . .	
‡ <i>Drill 8</i>	Military Drill . . . . .	1
‡ <i>Military Science 8</i>	Army Regulations . . . . .	1
<i>Political Science 1</i>	Political Economy . . . . .	3

\*Chemical Seniors must elect either English 6 or Philosophy 3.

‡Given in alternate years.

‡Not a required subject.

## ELECTRICAL AND MECHANICAL ENGINEERING COURSES.

## Sophomore Year.

## FIRST SEMESTER.

†Chemistry 4	Qualitative Chemical Analysis (second division).....	3
Drawing 5	Descriptive Geometry (first divi- sion), (first eight weeks).....	1
Drawing 6a	Elementary Machine Drawing (first division), (last nine weeks)	1½
Drawing 6b	Elementary Machine Drawing (second division).....	2
German 3	German Prose of the Nineteenth Century.....	3
Mathematics 5	Analytical Geometry.....	5
Machine Design 1	Mechanism.....	3
Drill 3	Military Drill.....	1
Military Science 3	Field Service Regulations.....	1
Physics 1	Mechanics and Heat.....	3
†Shop Work 3	Forging (first division).....	2

## SECOND SEMESTER.

Drawing 8	Machine Drawing.....	2½
German 4	Scientific German.....	3
Mathematics 6	Calculus.....	5
Machine Design 2a	Mechanism.....	2
Machine Design 2b	Elementary Machine Design.....	1
Drill 4	Military Drill.....	1
Military Science 4	Field Service Regulations.....	1
Physics 2	Light, Sound and Electricity.....	3
Shop Work 4	Machine Work.....	2½

## ELECTRICAL ENGINEERING COURSE.

## Junior Year.

## FIRST SEMESTER.

<i>Elect. Engineering 1</i>	Dynamo Electric Machinery.....	3
<i>Machine Design 3</i>	Theoretical Mechanics.....	4
<i>Machine Design 4</i>	Designing and Drawing.....	3
<i>Mech. Engineering 7</i>	Thermodynamics.....	3
<i>Mech. Engineering 9</i>	Mechanical Laboratory.....	2
<i>Drill 5</i>	Military Drill.....	1
† <i>Military Science 5</i>	Field Service Regulations.....	1
<i>Physics 4</i>	Physical Laboratory.....	4
<i>Shop Work 9</i>	General Machine Work.....	1

## SECOND SEMESTER.

<i>Elect. Engineering 2</i>	Dynamo Electric Machinery.....	3
<i>Elect. Engineering 4</i>	Electrical Laboratory.....	3
<i>Machine Design 5</i>	Theoretical Mechanics.....	4

†Division 1 elects Shop Work 3 instead of Chemistry 4, and Division 2 elects Chemistry 4 instead of Shop Work 3.

‡Not a required subject.

<i>Mech. Engineering 8</i>	Thermodynamics.....	3
<i>Mech. Engineering 10</i>	Mechanical Laboratory.....	2
<i>Drill 6</i>	Military Drill.....	1
‡ <i>Military Science 6</i>	Military Map Reading and Sketching.....	1
<i>Physics 5</i>	Physical Laboratory.....	4
<i>Shop Work 10</i>	Manufacturing.....	1

**Senior Year.**

FIRST SEMESTER.

<i>Elect. Engineering 11</i>	Elect. Engineering Practice.....	4
<i>Elect. Engineering 13</i>	Electric Railways.....	2
<i>Elect. Engineering 15</i>	Electrical Laboratory.....	4
‡ <i>Elect. Engineering 23</i>	Contracts and Specifications.....	1
<i>Mech. Engineering 11</i>	Hydraulics.....	4
<i>Mech. Engineering 12</i>	Materials of Engineering.....	2
<i>Mech. Engineering 13</i>	Mechanical Laboratory.....	3
‡ <i>Drill 7</i>	Military Science.....	1
‡ <i>Military Science 7</i>	Army Regulations.....	1

SECOND SEMESTER.

<i>Elect. Engineering 12</i>	Elect. Engineering Practice.....	4
<i>Elect. Engineering 16</i>	Electrical Laboratory.....	4
<i>Elect. Engineering 18</i>	Thesis.....	3
<i>Elect. Engineering 25</i>	Design of Electrical Machinery.....	3
<i>Mech. Engineering 19</i>	Economics of Engineering.....	3
‡ <i>Drill 8</i>	Military Drill.....	1
‡ <i>Military Science 8</i>	Army Regulations.....	1
<i>Political Science 1</i>	Political Economy.....	3

**MECHANICAL ENGINEERING COURSE.**

**Junior Year.**

FIRST SEMESTER.

<i>Elect. Engineering 1</i>	Dynamo Electric Machinery.....	3
<i>Machine Design 3</i>	Theoretical Mechanics.....	4
<i>Machine Design 4</i>	Designing and Drawing.....	3
<i>Mech. Engineering 7</i>	Thermodynamics.....	3
<i>Mech. Engineering 9</i>	Mechanical Laboratory.....	2
<i>Drill 5</i>	Military Drill.....	1
‡ <i>Military Science 5</i>	Field Service Regulations.....	1
<i>Physics 4</i>	Physical Laboratory.....	4
<i>Shop Work 9</i>	General Machine Work.....	1

SECOND SEMESTER.

<i>Elect. Engineering 2</i>	Dynamo Electric Machinery.....	3
<i>Elect. Engineering 17</i>	Electrical Laboratory.....	1
<i>Machine Design 5</i>	Theoretical Mechanics.....	4
<i>Machine Design 6</i>	Shop Machinery.....	3
<i>Mech. Engineering 8</i>	Thermodynamics.....	3
<i>Mech. Engineering 10</i>	Mechanical Laboratory.....	2

‡Not a required subject.

*Drill 6*  
 ‡*Military Science 6*  
*Physics 5*  
 ‡*Shopwork 10*

Military Drill..... 1  
 Military Map Reading and Sketch-  
 ing..... 1  
 Physical Laboratory..... 4  
 Manufacturing..... 1

### Senior Year.

#### FIRST SEMESTER.

*Elect. Engineering 19*  
*Elect. Engineering 23*  
*Elect. Engineering 24*  
*Mech. Engineering 11*  
*Mech. Engineering 12*  
*Mech. Engineering 13*  
*Mech. Engineering 15*  
 ‡*Drill 7*  
 ‡*Military Science 7*

Dynamo Electric Machinery..... 3  
 Contracts and Specifications..... 1  
 Electrical Laboratory..... 2  
 Hydraulics..... 4  
 Materials of Engineering..... 2  
 Mechanical Laboratory..... 3  
 Heat Engine Design..... 5  
 Military Drill..... 1  
 Army Regulations..... 1

#### SECOND SEMESTER.

*Elect. Engineering 20*  
*Mech. Engineering 14*  
*Mech. Engineering 16*  
*Mech. Engineering 17*  
*Mech. Engineering 19*  
 ‡*Drill 8*  
 ‡*Military Science 8*  
*Political Science 1*  
*Thesis*

Dynamo Electric Machinery..... 2  
 Mechanical Laboratory..... 3  
 Shop Design and Equipment..... 4  
 Power Plant Design..... 2  
 Economics of Engineering..... 3  
 Military Drill..... 1  
 Army Regulations..... 1  
 Political Economy..... 3  
 ..... 3

‡Not a required subject.

AGRICULTURAL COURSE—FRESHMAN YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	English 1	Mathematics 1 French 1 German 1	Chemistry 1 Mathematics 1	Drill 1 Military Sci. 1 Horticulture 1 (Last nine weeks)	Drawing 1b Drawing 1b Shop Work 14 (First eight weeks)
Tuesday	English 1		Chemistry 1		Horticulture 1 (Last nine weeks) Shop Work 14 (First eight weeks)
Wednesday					
Thursday		French 1 German 1	Mathematics 1	Mathematics 1	Horticulture 1 (Last nine weeks) Shop Work 14 (First eight weeks)
Friday	English 1	Chemistry 1 French 1 German 1	Chemistry 1	Drill 1	
Saturday			Mathematics 1	Mathematics 1	

FIRST SEMESTER

Monday	English 2		Chemistry 2	Drill 2	Shop Work 13 (First nine weeks) Mathematics 4 (Last eight weeks)
Tuesday		French 2 German 2	Military Sci. 2	Mathematics 3 (First nine weeks)	Shop Work 13 (First nine weeks) Mathematics 4 (Last eight weeks)
Wednesday	English 2	Drawing 4 French 2 German 2	Drawing 4 Mathematics 3 (First nine weeks)	Mathematics 3 (First nine weeks)	Drawing 4 (First nine weeks) Mathematics 4 (Last eight weeks)
Thursday				Mathematics 3 (First nine weeks)	
Friday	English 2	French 2 German 2	Chemistry 2 Mathematics 3 (First nine weeks)	Drill 2 Mathematics 3 (First nine weeks)	Horticulture 2 Drawing 4 (First nine weeks) Mathematics 4 (Last eight weeks)
Saturday	Horticulture 2				

SECOND SEMESTER

Mathematics 2 First Semester, hours to be arranged.

## AGRICULTURAL COURSE—SOPHOMORE YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday.....	* Philosophy 1	Military Sci. 3	Botany 1	Drill 3	Chemistry 4
Tuesday.....	Zoology 1	* Philosophy 1	Physics 1	* German 3	Chemistry 4
Wednesday.....	Animal Husb. 1		Botany 1	Botany 1	Chemistry 4
Thursday.....		* Philosophy 1	Physics 1	* German 3	Animal Husb. 1
Friday.....	Animal Husb. 1		Zoology 1	Drill 3	Zoology 1
Saturday.....	Botany 1	Botany 1	Physics 1	* German 3	
Monday.....	Chemistry 25	Zoology 2	Botany 2	Drill 4	Horticulture 3
Tuesday.....	*Political Sci. 1		Physics 2	* German 4	Botany 2
Wednesday.....	Physics 8	Physics 8	Physics 8	Military Sci. 4	Botany 2
Thursday.....	*Political Sci. 1		Physics 2	* German 4	
Friday.....		Horticulture 3	Zoology 2	Drill 4	Zoology 2
Saturday.....	*Political Sci. 1	Horticulture 3	Physics 2	* German 4	

\* Elective. See Page 71.

## AGRICULTURAL COURSE—JUNIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	*Horticulture 8	Forestry 1	Zoology 3	Drill 5	Botany 3 *Animal Husb. 5 *Horticulture 4
Tuesday	Botany 3	Forestry 1	Dairying 1	Agronomy 1	Dairying 1
Wednesday	Botany 3	Botany 3	Zoology 3	Chemistry 7	Zoology 3
Thursday	Forestry 1	Forestry 1	Forestry 1	Agronomy 1	Agronomy 1
Friday	*Horticulture 8	*Animal Husb. 5 *Horticulture 4	Dairying 1	Drill 5	
Saturday	Dairying 1	Dairying 1	Chemistry 7	*Military Sci. 5	
Monday	*Horticulture 5	*Dairying 3 *Horticulture 5	Geology 2	Drill 6	Agronomy 2 *Botany 5 *Botany 10 *Dairying 3 *Zoology 6
Tuesday	*Horticulture 7 *Animal Husb. 6	*Philosophy 3 †Political Sci. 1	*Animal Husb. 4	Agronomy 2	*Animal Husb. 6 *Horticulture 7 *Zoology 6
Wednesday	*Horticulture 5	*Horticulture 5	Animal Husb. 3	Agronomy 2	Geology 2
Thursday	*Horticulture 7 *Animal Husb. 6	*Philosophy 3 †Political Sci. 1	Animal Husb. 3	Geology 2	Animal Husb. 3
Friday	*Botany 5 *Botany 10	*Botany 5 *Botany 10	*Animal Husb. 4	Drill 6	
Saturday	*Botany 5 *Botany 10	*Philosophy 3 †Political Sci. 1	*Animal Husb. 4 *Zoology 6	*Military Sci. 6	

FIRST SEMESTER

SECOND SEMESTER

For hours of courses not scheduled see instructor.  
 \* Elective. † Required if not previously taken.

## AGRICULTURAL COURSE—SENIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Zoölogy 8	*Animal Husb. 7	*Horticulture 9	*Drill 7 *Horticulture 11	Agronomy 5
Tuesday		*Animal Husb. 7	History 5	*Horticulture 11	*Agronomy 3 *Animal Husb. 7 *Botany 6 *Botany 9
Wednesday	Zoölogy 8 *Botany 6 *Botany 9	Meteorology 1 *Botany 6 *Botany 9	*Horticulture 9	*Agronomy 3 *Dairying 6	*Agronomy 3 *Animal Husb. 7 *Botany 6 *Botany 9
Thursday			History 5 *Botany 6 *Botany 9	*Drill 7 *Horticulture 11	*Agronomy 3 *Horticulture 11 *Dairying 6 *Horticulture 9
Friday	Zoölogy 8	Meteorology 1			
Saturday	*Dairying 6	*Dairying 6	History 5		
Monday	*Horticulture 10	Agronomy 6 (First nine weeks) Agronomy 7 (Last eight weeks)	History 6	*Drill 8 *Agronomy 4	*Dairying 2 *Horticulture 14
Tuesday	*Horticulture 6	Agronomy 6 (First nine weeks) Agronomy 7 (Last eight weeks)	English 6	*Dairying 2	*Animal Husb. 2 *Botany 5 *Botany 10
Wednesday	*Horticulture 10	Agronomy 6 (First nine weeks) Agronomy 7 (Last eight weeks)	History 6	*Animal Husb. 2	*Dairying 5
Thursday	*Dairying 5 *Horticulture 12 *Horticulture 13	Agronomy 6 (First nine weeks) Agronomy 7 (Last eight weeks)	English 6	*Agronomy 4	*Dairying 2 *Horticulture 6
Friday	*Botany 5 *Botany 10 *Botany 5 *Botany 10	*Botany 5 *Botany 10	History 6	*Drill 8 *Horticulture 14	*Dairying 5
Saturday	*Horticulture 12 *Horticulture 13	*Horticulture 12 *Horticulture 13	English 6		

FIRST SEMESTER

SECOND SEMESTER

\* Elective.

For hours of courses not scheduled see instructor.

ARTS AND SCIENCE COURSE—FRESHMAN YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday.....	English 1	Mathematics 1	*Botany 1 *Chemistry 1	Drill 1	*Drawing 1b *Latin 1
Tuesday.....	*Zoology 1	French 1 German 1 History 1 or History 3	Mathematics 1 *Botany 1 *Chemistry 1	Military Sci. 1	*Drawing 1b *Latin 1
Wednesday.....	English 1	French 1 German 1	*Botany 1 *Chemistry 1	*Botany 1	*Latin 1 *Shopwork 1b
Thursday.....		History 1 or History 3	Mathematics 1 *Chemistry 1 *Zoology 1	Mathematics 1	History 1 or History 3
Friday.....	English 1	*Botany 1 French 1 German 1	Mathematics 1	Drill 1	*Shopwork 1b *Zoology 1
Saturday.....	*Botany 1		Mathematics 1	Mathematics 1	

FIRST SEMESTER

Monday.....	English 2	*Philosophy 2	*Botany 2 *Chemistry 2	Drill 2	†Drawing 1b (Last eight weeks) †Mathematics 3 (Last eight weeks)
Tuesday.....	*Latin 2	French 2 German 2	Military Sci. 2	Mathematics 3 (First nine weeks)	*Botany 2 †Drawing 1b (Last eight weeks) †Mathematics 4 (Last eight weeks)
Wednesday.....	English 2	History 2 or History 4	*Philosophy 2	Mathematics 3 (First nine weeks)	*Botany 2 †Drawing 1b (Last eight weeks) †Mathematics 4 (Last eight weeks)
Thursday.....	*Latin 2	French 2 German 2	Mathematics 3 (First nine weeks)	Mathematics 3 Mathematics 3 (First nine weeks)	History 2 or History 4
Friday.....	English 2	History 2 or History 4	*Chemistry 2	Drill 2	†Drawing 1b (Last eight weeks) †Mathematics 4 (Last eight weeks)
Saturday.....	*Latin 2	French 2 German 2	Mathematics 3 (First nine weeks)	Mathematics 3 (First nine weeks)	†Mathematics 4 (Last eight weeks)

SECOND SEMESTER

\*Elective.

Mathematics 2, First Semester, hours to be arranged.  
† Elect either Drawing 1b or Mathematics 4.

## ARTS AND SCIENCE COURSE—SOPHOMORE YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Philosophy 1 *Mathematics 5 *Zoology 1	Military Sci. 3	*Botany 1	Drill 3	*Chemistry 4 *English 3
Tuesday	*Latin 3 *Mathematics 5	Philosophy 1 *History 1 *History 3	*Physics 1	*German 3	*Chemistry 4 *English 3
Wednesday	*Latin 3 *Mathematics 5	Philosophy 1 *History 1 *History 3	*Botany 1 *Physics 1	*Botany 1 *German 3	*Chemistry 4 *English 3 *History 1 *History 3
Thursday	*Latin 3 *Mathematics 5	Philosophy 1 *History 1 *History 3	*Zoology 1	Drill 3	*Zoology 1
Friday	*Mathematics 5 *Botany 1	*Botany 1 *Mathematics 5	*Physics 1	*German 3	
Saturday	*Mathematics 5				
Monday	*Chemistry 25 *Latin 4	*Philosophy 2 *Zoology 2	*Botany 2 *English 6 *Physics 2	Drill 4	*Botany 2
Tuesday	*Mathematics 6	Political Sci. 1	*Botany 2 *Philosophy 2 *English 6 *Physics 2	*German 4 Military Sci. 4	*Botany 2 *History 2 *History 4
Wednesday	*Latin 4 *Mathematics 6	*History 2 *History 4		*German 4	
Thursday	*Mathematics 6	Political Sci. 1	*Zoology 2 *English 6 *Physics 2	Drill 4	*Zoology 2
Friday	*Latin 4 *Mathematics 6	*History 2 *History 4		*German 4	
Saturday	*Mathematics 6	Political Sci. 1		*German 4	

\*Elective.

FIRST SEMESTER

SECOND SEMESTER

ARTS AND SCIENCE COURSE—JUNIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Physics 4	French 3	Zoology 3	Drill 5 Political Sci. 3	Chemistry 4 English 3 Physics 4 Spanish 1
Tuesday	Philosophy 4	Political Sci. 2	History 5	English 5	Chemistry 4 English 3 Physics 4 Spanish 1
Wednesday	Botany 6 Botany 9 Philosophy 4	French 3 Botany 6 Botany 9 Political Sci. 2	Zoology 3	Chemistry 7 Political Sci. 3	Botany 6 Botany 9 Chemistry 4 English 3 Spanish 1
Thursday			History 5	English 5	Zoology 3
Friday		French 3	Botany 6 Botany 9	Drill 5 Political Sci. 3	English 3
Saturday	Philosophy 4	Political Sci. 2	Chemistry 7 History 5	Military Sci. 5 English 5 Physics 4	

FIRST SEMESTER

Monday	Chemistry 25 Geology 1	French 4 Geology 1	Geology 2 History 6	Drill 6 Philosophy 5	Spanish 2 Botany 5 Botany 10 English 4 Spanish 2
Tuesday		Philosophy 3	English 6	Political Sci. 4 or Political Sci. 5	Physics 5 Spanish 2
Wednesday		French 4	History 6	Philosophy 5 Physics 5	Spanish 5
Thursday		Philosophy 3	English 6	Geology 2 Political Sci. 4 or Political Sci. 5	Physics 5 English 4 Geology 2
Friday	Botany 5 Botany 10 Geology 1	Botany 5 Botany 10 French 4 Geology 1	History 6	Drill 6 Philosophy 5 Military Sci. 6 Political Sci. 4 or Political Sci. 5	English 4 Physics 5
Saturday	Botany 5 Botany 10	Philosophy 3	English 6		

SECOND SEMESTER

For hours of courses not scheduled see instructor.  
All elective.

ARTS AND SCIENCE COURSE—SENIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	German 13 Philosophy 1 Zoology 8	Philosophy 9 Political Sci. 2 Philosophy 1	French 5	Drill 7 Political Sci. 3	History 7 Spanish 1
Tuesday	Philosophy 4	Meteorology 1 Philosophy 9	French 9	English 5	Spanish 1 Botany 6 Botany 9 History 7 Spanish 1
Wednesday	Philosophy 6 German 13 Zoology 8	Botany 6 Botany 9 Political Sci. 2 Philosophy 1	French 5	Political Sci. 3	
Thursday	Botany 6 Botany 9 Philosophy 4	Botany 6 Botany 9 Political Sci. 2 Philosophy 1	French 9 German 9	English 5	
Friday	Philosophy 6 German 13 Zoology 8	Meteorology 1 Philosophy 9	Botany 6 Botany 9 French 5	Drill 7 Political Sci. 3	History 7
Saturday	Philosophy 4	Political Sci. 2	German 9	English 5	
Monday	English 8	Mathematics 9	French 6 Geology 2	Philosophy 5 English 7 Drill 8	Spanish 2 Botany 5 Botany 10 English 4 Spanish 2
Tuesday	German 14	Philosophy 3	French 10	Political Sci. 4 or Political Sci. 5	Spanish 2
Wednesday	English 8	Mathematics 9	French 6	Philosophy 5 English 7	Spanish 2
Thursday	German 14 Botany 5 Botany 10 English 8	Philosophy 3	German 10 French 10	Geology 2 Political Sci. 4 or Political Sci. 5	English 4 Geology 2
Friday	Botany 5 Botany 10 German 14	Botany 5 Botany 10	French 6	Drill 8 Philosophy 5 English 7	English 4 English 7
Saturday		Philosophy 3	German 10	Political Sci. 4 or Political Sci. 5	

For hours of courses not scheduled see instructor.  
All elective.

FIRST SEMESTER

SECOND SEMESTER

## ENGINEERING COURSES—FRESHMAN YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday.....		English 1 (Div. 1) Mathematics 1 (Div. 2)	Chemistry 1 (Div. 1 & 2)	Drill 1 (Div. 1 & 2)	Drawing 1a (Div. 2) Shopwork 1a (Div. 1)
Tuesday.....	English 1 (Div. 2) German 1 (Div. 1)	French 1 (Div. 1 & 2) German 1 (Div. 2)	Mathematics 1 (Div. 2) Military Sci. 1 (Div. 1)	Mathematics 1 (Div. 1)	Drawing 1a (Div. 2) Shopwork 1a (Div. 1)
Wednesday.....		English 1 (Div. 1) Military Sci. 1 (Div. 2)	Chemistry 1 (Div. 1 & 2)	Mathematics 1 (Div. 1)	†Drawing 1a (Div. 1 or 2) ‡Shopwork 1a (Div. 1 or 2)
Thursday.....	English 1 (Div. 2) German 1 (Div. 1)	French 1 (Div. 1 & 2) German 1 (Div. 2)	Mathematics 1 (Div. 1 & 2)	Mathematics 1 (Div. 1 & 2)	Drawing 1a (Div. 1) Shopwork 1a (Div. 2)
Friday.....		English 1 (Div. 1)	Chemistry 1 (Div. 1 & 2)	Drill 1 (Div. 1 & 2)	Drawing 1a (Div. 1) Shopwork 1a (Div. 2)
Saturday.....	English 1 (Div. 2) German 1 (Div. 1)	French 1 (Div. 1 & 2) German 1 (Div. 2)	Mathematics 1 (Div. 1 & 2)	Mathematics 1 (Div. 1 & 2)	

FIRST SEMESTER

† Divisions for English 1, German 1, Mathematics 1 and Military Science 1 will be made by the Elective Committee. Divisions for Drawing 1a and Shopwork 1a will be made by agreement of instructors concerned. Hours for Mathematics 2 will be arranged by instructor.

‡ Drawing 1a and Shopwork 1a alternate on Wednesdays.

## ‡ENGINEERING COURSES—FRESHMAN YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	German 2 (Div. 1) Military Sci. 2 (Div. 2)	English 2 (Div. 1)	Chemistry 2 (Div. 1 & 2)	Drill 2 (Div. 1 & 2)	†Chemistry 4 (Div. 1) (First nine weeks) †Drawing 2b (Div. 2) (First nine weeks) Mathematics 4 (Div. 1 & 2) (Last eight weeks)
Tuesday	†Drawing 2a (Div. 1) English 2 (Div. 2)	†Drawing 2a (Div. 1) French 2 (Div. 1 & 2) German 2 (Div. 2)	†Drawing 3 (Div. 2) (Last eight weeks) Mathematics 3 (Div. 1) (First nine weeks)	†Drawing 3 (Div. 2) (Last eight weeks) Mathematics 3 (Div. 2) (First nine weeks) Military Sci. 2 (Div. 1)	†Chemistry 4 (Div. 1) (First nine weeks) †Drawing 2b (Div. 2) (First nine weeks) Mathematics 4 (Div. 1 & 2) (Last eight weeks)
Wednesday	†Drawing 2b (Div. 2) (First nine weeks) German 2 (Div. 1)	†Drawing 2b (Div. 2) (First nine weeks) English 2 (Div. 1)	†Drawing 2b (Div. 2) (First nine weeks) Mathematics 3 (Div. 1) (First nine weeks)	Mathematics 3 (Div. 2) (First nine weeks)	†Chemistry 4 (Div. 1) (First nine weeks) Mathematics 4 (Div. 1 & 2) (Last eight weeks) †Shopwork 2 (Div. 2) (First nine weeks)
Thursday	†Drawing 2a (Div. 1) English 2 (Div. 2)	†Drawing 2a (Div. 1) French 2 (Div. 1 & 2) German 2 (Div. 2)	†Drawing 3 (Div. 2) (Last eight weeks) Mathematics 3 (Div. 1 & 2) (First nine weeks)	†Drawing 3 (Div. 2) (Last eight weeks) Mathematics 3 (Div. 1 & 2) (First nine weeks)	†Chemistry 4 (Div. 1) (First nine weeks) Mathematics 4 (Div. 1 & 2) (Last eight weeks) †Shopwork 2 (Div. 2) (First nine weeks)
Friday	†Drawing 2b (Div. 2) (First nine weeks) German 2 (Div. 1)	†Drawing 2b (Div. 2) (First nine weeks) English 2 (Div. 1)	Chemistry 2 (Div. 1 & 2)	Drill 2 (Div. 1 & 2)	†Chemistry 4 (Div. 1) (First nine weeks) Mathematics 4 (Div. 1 & 2) (Last eight weeks) †Shopwork 2 (Div. 2) (First nine weeks)
Saturday	†Drawing 2a (Div. 1) English 2 (Div. 2)	†Drawing 2a (Div. 1) French 2 (Div. 1 & 2) German 2 (Div. 2)	†Drawing 3 (Div. 2) (Last eight weeks) Mathematics 3 (Div. 1 & 2) (First nine weeks)	Drill 2 (Div. 1 & 2) †Drawing 3 (Div. 2) (Last eight weeks) Mathematics 3 (Div. 1 & 2) (First nine weeks)	Mathematics 4 (Div. 1 & 2) (Last eight weeks) †Shopwork 2 (Div. 2) (First nine weeks)

†Divisions for English 2, German 2, Mathematics 3, and Military Science 2 will be made by the Elective Committee.

‡ For Divisions in these subjects, see note at bottom of page 48.

CHEMICAL ENGINEERING COURSE—SOPHOMORE YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Chemistry 5 (First five weeks) Chemistry 10 (Last twelve weeks)	Chemistry 5 (First five weeks) Chemistry 10 (Last twelve weeks)	Chemistry 5 (First five weeks) Chemistry 10 (Last twelve weeks)	Drill 3	Chemistry 5 (First five weeks) Chemistry 10 (Last twelve weeks)
Tuesday	Mathematics 5	Physics 1	Physics 1	German 3	Chemistry 5 (First five weeks) Chemistry 10 (Last twelve weeks)
Wednesday	Mathematics 5	Chemistry 5 (First five weeks) Chemistry 10 (Last twelve weeks)			
Thursday	Mathematics 5	Mathematics 5	Physics 1	German 3	Drawing 7
Friday	Mathematics 5	Mathematics 5	Military Sci. 3	Drill 3	Drawing 7
Saturday	Mathematics 5	Mathematics 5	Physics 1	German 3	
Monday		Chemistry 6		Drill 4	Chemistry 11
Tuesday	Mathematics 6	Chemistry 6	Physics 2	German 4	Chemistry 11
Wednesday	Mathematics 6	Chemistry 11	Chemistry 11	Chemistry 11	Chemistry 11
Thursday	Mathematics 6	Chemistry 6	Physics 2	German 4	Chemistry 11
Friday	Mathematics 6	Mathematics 6	Military Sci. 4	Drill 4	Chemistry 11
Saturday	Mathematics 6	Mathematics 6	Physics 2	German 4	Chemistry 11

† This hour may be used in place of the hour scheduled on Tuesday.

FIRST SEMESTER

SECOND SEMESTER

## CHEMICAL ENGINEERING COURSE—JUNIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Physics 6	Chemistry 19	Machine Design 3	Drill 5	Physics 6
Tuesday	Chemistry 7	Chemistry 21	Chemistry 12	Chemistry 12	Chemistry 12
Wednesday	Chemistry 7	Chemistry 19	Machine Design 3	Chemistry 12	Chemistry 12
Thursday	Machine Design 3	Chemistry 21	Chemistry 8	Chemistry 8	Chemistry 8
Friday	Chemistry 12	Chemistry 12	Chemistry 12	Drill 5	Chemistry 8
Saturday		Machine Design 3		‡Military Sci. 5	
FIRST SEMESTER					
Monday	Geology 1	Geology 1	Machine Design 5	Drill 6	Chemistry 13
Tuesday	Machine Design 5		Chemistry 20	Chemistry 14 Chemistry 15 Chemistry 22	Chemistry 13
Wednesday	Machine Design 5	Chemistry 13	Chemistry 13	Chemistry 13	Physics 7
Thursday	Chemistry 13	Chemistry 13	Chemistry 20	Chemistry 14 Chemistry 15 Chemistry 22	Physics 7
Friday	Geology 1	Geology 1	Physics 7	Drill 6	Physics 7
Saturday	Chemistry 13	Chemistry 13	Machine Design 5	Chemistry 14 Chemistry 15 Chemistry 22 ‡Military Sci. 6	Physics 7
SECOND SEMESTER					

‡ Not a required subject.

CHEMICAL ENGINEERING COURSE—SENIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday.....	Chemistry 23	Chemistry 23	Chemistry 23	‡Drill 7 ‡Chemistry 23	Chemistry 23
Tuesday.....	Elect. Eng. 21	Chemistry 21	Elect. Eng. 21	Elect. Eng. 21	Chemistry 23
Wednesday.....	Shopwork 15	Shopwork 15	Shopwork 15	Mech. Eng. 7	Chemistry 23
Thursday.....	Chemistry 23	Chemistry 21	Chemistry 23	Chemistry 23	Chemistry 23
Friday.....	Elect. Eng. 21	Mech. Eng. 7	Chemistry 23	‡Drill 7 ‡Chemistry 23	Chemistry 23
Saturday.....	Mech. Eng. 7	Chemistry 16	Chemistry 16	Chemistry 16	

FIRST SEMESTER

Monday.....	Chemistry 24	Chemistry 24	Chemistry 24	‡Drill 8 ‡Chemistry 24	Chemistry 24
Tuesday.....	Political Sci. 1	Elect. Eng. 22	English 6 or Philosophy 3	Chemistry 14 Chemistry 15 Chemistry 22	Chemistry 24
Wednesday.....	Elect. Eng. 22	Elect. Eng. 22	Chemistry 24	Chemistry 24	Chemistry 24
Thursday.....	Political Sci. 1	Elect. Eng. 22	English 6 or Philosophy 3	Chemistry 14 Chemistry 15 Chemistry 22	Chemistry 24
Friday.....	Elect. Eng. 22	Chemistry 24	Chemistry 24	‡Drill 8 ‡Chemistry 24	Chemistry 24
Saturday.....	Political Sci. 1		English 6 or Philosophy 3	Chemistry 14 Chemistry 15 Chemistry 22	

SECOND SEMESTER

‡ Hours to be arranged for students electing Military Science 7 and 8.

‡ Not a required subject.

## ELECTRICAL AND MECHANICAL ENGINEERING COURSES—SOPHOMORE YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Military Sci. 3	Machine Design 1	Physics 1 (Div. 1)	Drill 3	Chemistry 4 (Div. 2) Shopwork 3 (Div. 1)
Tuesday	Mathematics 5	Physics 1 (Div. 2)	†Physics 1 (Div. 1 & 2)	German 3	Chemistry 4 (Div. 2) Shopwork 3 (Div. 1)
Wednesday	Mathematics 5	Machine Design 1		Physics 1 (Div. 1)	Drawing 5 (Div. 1) (First eight weeks) Chemistry 4 (Div. 2)
Thursday	Mathematics 5	Mathematics 5	Physics 1 (Div. 1 & 2)	German 3	Drawing 5 (Div. 1) (First eight weeks) Drawing 6a (Last nine weeks) Drawing 6b
Friday	Mathematics 5	Machine Design 1	Military Sci. 3	Drill 3	Drawing 5 (Div. 1) (First eight weeks) Drawing 6a (Last nine weeks) Drawing 6b
Saturday	Mathematics 5	Mathematics 5	Physics 1 (Div. 1 & 2)	German 3	
Monday	Machine Design 2a Machine Design 2b	Machine Design 2a Machine Design 2b	Machine Design 2a Machine Design 2b	Drill 4	Shopwork 4
Tuesday	Mathematics 6	Machine Design 2a Machine Design 2b	Physics 2 (Div. 1 & 2)	German 4	Shopwork 4
Wednesday	Mathematics 6	Machine Design 2a Machine Design 2b	Military Sci. 4 (Div. 1)	Physics 2 (Div. 2)	Drawing 8 Shopwork 4
Thursday	Mathematics 6	Physics 2 (Div. 1)	†Physics 2 (Div. 1 & 2)	German 4	Drawing 8
Friday	Mathematics 6	Mathematics 6	Military Sci. 4 (Div. 2)	Drill 4	Drawing 8
Saturday	Mathematics 6	Mathematics 6	Physics 2 (Div. 1 & 2)	German 4	

† This hour may be used in place of the hours scheduled on Monday and Tuesday.

FIRST SEMESTER

SECOND SEMESTER

ELECTRICAL ENGINEERING COURSE—JUNIOR YEAR

7

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Physics 4	Elect. Eng. 1 Machine Design 4	Machine Design 3 Machine Design 4	Drill 5 Machine Design 4	Machine Design 4 Mech. Eng. 9
Tuesday		Elect. Eng. 1 Machine Design 4	Machine Design 3 Machine Design 4	Mech. Eng. 7 Machine Design 4	Physics 4 Physics 4
Wednesday		Machine Design 4	Elect. Eng. 1 Mech. Eng. 7	Drill 5 †Military Sci. 5 Physics 4	Shopwork 9
Thursday	Machine Design 3	Machine Design 3	Machine Design 3		
Friday		Machine Design 3	Machine Design 3		
Saturday	Mech. Eng. 7	Machine Design 3	Elect. Eng. 1 Mech. Eng. 9		
FIRST SEMESTER					
Monday	†Elect. Eng. 6	Elect. Eng. 2	Machine Design 5	Drill 6	Physics 5
Tuesday	Machine Design 5	Shopwork 10	Shopwork 10	Shopwork 10	Physics 5
Wednesday	Machine Design 5	Elect. Eng. 2	Mech. Eng. 8	Physics 5	Physics 5
Thursday	Elect. Eng. 4	Elect. Eng. 4	Elect. Eng. 4	Mech. Eng. 8	Mech. Eng. 10
Friday	Mech. Eng. 10	Mech. Eng. 8	Elect. Eng. 2	Drill 6	Elect. Eng. 4
Saturday			Machine Design 5	†Military Sci. 6	
SECOND SEMESTER					

† Not a required subject.

## ELECTRICAL ENGINEERING COURSE—SENIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Elect. Eng. 15		Mech. Eng. 11	†Drill 7	Mech. Eng. 13
Tuesday	Mech. Eng. 12		Elect. Eng. 11	Elect. Eng. 13	Elect. Eng. 15
Wednesday	Mech. Eng. 13	Mech. Eng. 11	Elect. Eng. 11		
Thursday	Mech. Eng. 12	Elect. Eng. 11	Mech. Eng. 11	Elect. Eng. 13	Elect. Eng. 15
Friday			Mech. Eng. 11	†Drill 7	
Saturday	†Elect. Eng. 23	Elect. Eng. 11		†Military Sci. 7	
Monday	Mech. Eng. 19	Elect. Eng. 12	Elect. Eng. 18	†Drill 8	Elect. Eng. 18
Tuesday		Political Sci. 1	Elect. Eng. 25	Elect. Eng. 16	Elect. Eng. 16
Wednesday	Elect. Eng. 18	Elect. Eng. 18	Elect. Eng. 12	Mech. Eng. 19	Elect. Eng. 25
Thursday		Political Sci. 1		Elect. Eng. 25	Elect. Eng. 16
Friday		Elect. Eng. 12	Mech. Eng. 19	†Drill 8	Elect. Eng. 18
Saturday	Elect. Eng. 12	Political Sci. 1		†Military Sci. 8	

FIRST SEMESTER

SECOND SEMESTER

† Not a required subject.

MECHANICAL ENGINEERING COURSE—JUNIOR YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	Physics 4	Elect. Eng. 1	Machine Design 3	Drill 5	Physics 4
Tuesday		Machine Design 4	Machine Design 4	Machine Design 4	Physics 4
Wednesday		Elect. Eng. 1	Machine Design 3	Mech. Eng. 7	Shopwork 9
Thursday	Machine Design 3	Machine Design 4	Machine Design 4	Machine Design 4	Machine Design 4
Friday		Mech. Eng. 7	Elect. Eng. 1	Drill 5	Mech. Eng. 9
Saturday	Mech. Eng. 7	Machine Design 3	Mech. Eng. 9	†Military Sci. 5 Physics 4	
FIRST SEMESTER					
Monday	Machine Design 6	Elect. Eng. 2	Machine Design 5	Drill 6	Machine Design 6
Tuesday	Machine Design 5	‡Shopwork 10	‡Shopwork 10	‡Shopwork 10	Mech. Eng. 10
Wednesday	Machine Design 5	Elect. Eng. 2	Mech. Eng. 8	Physics 5	Physics 5
Thursday	Machine Design 6	Machine Design 6	Machine Design 6	Mech. Eng. 8	Physics 5
Friday	Mech. Eng. 10	Mech. Eng. 8	Elect. Eng. 2	Drill 6	Physics 5
Saturday	Elect. Eng. 17	Elect. Eng. 17	Machine Design 5	‡Military Sci. 6	
SECOND SEMESTER					

‡ Not a required course.

## MECHANICAL ENGINEERING COURSE—SENIOR YEAR

Day	8-4	9-10	10-11	10-12	P. M.
Monday	Mech. Eng. 15	Elect. Eng. 19	Mech. Eng. 11	‡Drill 7	Mech. Eng. 13
Tuesday	Mech. Eng. 12	Mech. Eng. 15	Mech. Eng. 15	Mech. Eng. 15	Mech. Eng. 15
Wednesday	Mech. Eng. 13	Mech. Eng. 11		Elect. Eng. 19	
Thursday	Mech. Eng. 12	Mech. Eng. 15	Mech. Eng. 11		
Friday		Elect. Eng. 19	Mech. Eng. 11	‡Drill 7	Elect. Eng. 24
Saturday	Elect. Eng. 23	Mech. Eng. 15	Mech. Eng. 15	Mech. Eng. 15	
Monday	Mech. Eng. 19		Elect. Eng. 20	‡Drill 8	Thesis
Tuesday	Political Sci. 1	Mech. Eng. 17	Mech. Eng. 14		Thesis
Wednesday	Elect. Eng. 20		Mech. Eng. 16	Mech. Eng. 19	Mech. Eng. 14
Thursday	Political Sci. 1	Thesis	Thesis	Thesis	Mech. Eng. 16
Friday	Mech. Eng. 16	Mech. Eng. 16	Mech. Eng. 19	‡Drill 8	Mech. Eng. 16
Saturday	Political Sci. 1	Mech. Eng. 17			

FIRST SEMESTER

SECOND SEMESTER

‡ Not a required course.

EXAMINATIONS—FIRST SEMESTER  
SENIORS, JUNIORS, SOPHOMORES, FRESHMEN

	Thursday, January 26	Friday, January 27	Saturday, January 28	Monday, January 30	Tuesday, January 31
8 to 10 A. M.	Dairying 1 Chemistry 7 Horticulture 1 Latin 1 Latin 3	Agronomy 1 Elect. Eng. 13 German 1 Zoology 8	Animal Husb. 1 History 1 History 3 Mech. Eng. 12	Elect. Eng. 1 History 5 History 11 Military Sci. 1	Elect. Eng. 19 French 5 Military Sci. 3 Physics 4
10 to 12 A. M.	Elect. Eng. 11 English 3 Horticulture 9 Political Sci. 3	German 3 German 13 Horticulture 8	Agronomy 3 Elect. Eng. 23 French 3 Military Sci. 7	Animal Husb. 7 Elect. Eng. 21 Philosophy 4	French 1 Geology 3 Military Sci. 5 Philosophy 1
1:30 P. M.	English 1 Mathematics 5 Mech. Eng. 9 Political Sci. 2	Botany 1 Botany 6 Botany 9 History 7 Machine Design 3 Mathematics 7 Mech. Eng. 11	Horticulture 4 Mathematics 2 Mech. Eng. 7 Meteorology 1 Philosophy 7 Zoology 3	Chemistry 1 Forestry 1 Machine Design 1 Mech. Eng. 15 Spanish 1	Chemistry 21 Machine Design 4 Mathematics 1 Mech. Eng. 13 Physics 1 Zoology 1

Examinations in subjects not scheduled are arranged by instructors.

EXAMINATIONS—SECOND SEMESTER  
SENIORS

	Saturday, June 3	Monday, June 5	Tuesday, June 6
8 to 10 A. M.	Elect. Eng. 20 Elect. Eng. 22 German 14 Horticulture 12 Horticulture 13	Agronomy 6 Agronomy 7 Chemistry 24 Mech. Eng. 16	English 6 French 6 Horticulture 6
10 to 12 A. M.	Chemistry 22 Mathematics 9 Mech. Eng. 14	Elect. Eng. 25 English 7 History 6	Horticulture 14 Philosophy 5 Political Sci. 1
1.30 P. M.		Botany 6 Botany 9 Chemistry 14 Elect. Eng. 12 Horticulture 10 Mech. Eng. 17 Philosophy 3	Animal Husb. 2 Chemistry 15 Mech. Eng. 19 Political Sci. 4 Political Sci. 5

Examinations in subjects not scheduled are arranged by instructor. Senior examinations begin upon the last Saturday but one of the term.

EXAMINATIONS—SECOND SEMESTER

JUNIORS, SOPHOMORES, FRESHMEN

	Wednesday, June 7	Thursday, June 8	Friday, June 9	Saturday, June 10	Monday, June 12
8 to 10 A. M.	Elect. Eng. 6 German 2 Horticulture 5	Dairying 3 Horticulture 2 Latin 2 Latin 4 Mech. Eng. 1	Agronomy 2 History 2 History 4	Animal Husb. 6 Physics 5 Chemistry 25	Animal Husb. 3 Philosophy 2
10 to 12 A. M.	Horticulture 3 Spanish 2	Botany 2 Mech. Eng. 10	Botany 5 Botany 10 Physics 6	French 2 English 4	Chemistry 6 Zoology 2 Zoology 6 Zoology 7
1.30 P. M.	Horticulture 7 German 4 Machine Design 5 Military Sci. 2	Geology 1 Machine Design 6 Mathematics 4 Mathematics 6	Chemistry 2 French 4 Geology 2 Mech. Eng. 8 Military Sci. 4		Animal Husb. 4 Elect. Eng. 2 English 2 Mathematics 8 Physics 2

Examinations in subjects not scheduled are arranged by instructors. These examinations end upon the Monday before Commencement.

## TWO-YEAR COURSE IN AGRICULTURE.

This course was established by the State Legislature in 1895, and provides an opportunity to secure a training for their life work for those students who do not have the time, money or preparation to take a four-year college course.

The course is especially arranged and suited for the young, bright boys of the farm, who expect to make a business of some line of agricultural or horticultural work. Although it is open to students who have had no previous training on the farm, the entrance of such is not encouraged because of their lack of practical experience. By independent work and close application, however, inexperienced students sometimes pass the course with credit.

The year's work closes the first week in May, so as to enable the students to get home for the spring work on the farm or to accept other positions for the summer. This short school year also permits of more than four months' time for those students who are dependent upon their own resources to earn money for the following year.

The courses of study and the classes of the two-year course are entirely separate and distinct from those of the four-year courses. The work of the first year is largely preparatory, being a study of the sciences underlying agriculture, together with some elementary agricultural and horticultural work. The second year contains optional studies so that it is possible for students to specialize in animal husbandry dairying, or horticulture. Ten hours per week on the average are spent in practical work on the farm, in the barn, greenhouses or shops.

### ADMISSION.

The course is open to those who can pass a fair and reasonable examination in reading, spelling, writing, arithmetic, English grammar, geography and history of the United States. Applicants, unless over eighteen years of age, who do not bring high school or other satisfactory certificates to show their proficiency in these subjects, will be given an entrance examination on Tuesday afternoon and Wednesday morning of the opening week of college. Applicants who are over eighteen years of age will be admitted without examination.

### EXPENSES.

The expenses of the course will vary with the tastes and frugality of the students and the kind of accommodations which they secure. The total average expense for the year, if the student holds a scholarship, is not far from \$250. Many students, by working for their board or room rent, or by doing various kinds of work about the college or village, are able to go through the year with a cash outlay not exceeding \$150.

## OPENING.

The course opens Wednesday, September 14, 1910, and closes Wednesday, May 3, 1911. A Christmas vacation of two weeks will be given.

## CERTIFICATES.

No degree is given at the end of the course, but a certificate of graduation is issued upon the completion of it or its equivalent.

## DESCRIPTION OF STUDIES.

## AGRONOMY.

PROF. TAYLOR, MR. SLATE.

## 31. Elementary Agriculture.

Text-book and recitations upon the elementary principles of agriculture, including a study of the soil and the plant, and their relations to each other. For Two-Year Agricultural Students, First Year. First nine weeks. *Three exercises per week. 1st S.*

## 32. Farm Equipment and Farm Crops.

This course is similar to Agronomy 1, although less detailed. For Two-Year Agricultural Students, Second Year. *Three exercises per week. 1st S.*

## 33. Soils and Soil Physics.

This course is similar to Agronomy 2, but involves less mathematics and physics. For Two-Year Agricultural Students, Second Year. *Three exercises per week. 2d S.*

## 34. Manures and Fertilizers.

Text-book and recitations upon the constituents of farm manures and chemical fertilizers, the care and application of manures, the home-mixing of fertilizers and the modifications required by different soils and crops. For Two-Year Agricultural Students, Second Year. *Two exercises per week. 2d S.*

## ANIMAL HUSBANDRY.

ASSOC. PROF. ARKELL, ASST. PROF. ECKMAN.

## \*30. Types and Breeds of Live Stock.

A study of the breeds of live stock, with practical demonstrations in judging the different breeds. For Two-Year Agricultural Students, First Year. Last eight weeks. *Three exercises per week. 1st S.*

## \*31. Types and Breeds of Live Stock.

Continuation of Animal Husbandry 30. For Two-Year Agricultural Students, Second Year. *Three exercises per week. 1st S.*

\*Animal Husbandry 30 and 31 are similar to Animal Husbandry 1.

**32. Sheep Raising.**

Lectures and recitations upon the breeds of sheep; adaptability to this section; care and management; fitting for the shows and feeding for market purposes; the raising of hot house lambs. Also practical exercises in judging the various breeds. Elective for Two-Year Agricultural Students, Second Year. *Three exercises per week. 1st S.*

**33. Feeds and Feeding.**

Similar to Animal Husbandry 3. For Two-Year Agricultural Students, Second Year. *Three exercises per week. 2d S.*

**34. Principles of Breeding.**

Similar to Animal Husbandry 2. Elective for Two-Year Agricultural Students, Second Year. *Three exercises per week. 2d S.*

**35. Veterinary Science.**

Similar to Animal Husbandry 4. Elective for Two-Year Agricultural Students, Second Year. *Three exercises per week. 2d S.*

**36. Poultry.**

Similar to Animal Husbandry 5. Elective for Two-Year Agricultural Students, Second Year. *Two exercises per week. 1st S.*

**BOTANY.**

PROF. BROOKS, MISS BLACK.

**31. Elements of Botany. Miss Black.**

A general view of the life processes and structure of plants, followed by the study in detail of a few type forms. Recitations and laboratory work. For Two-Year Agricultural Students, First Year.

*Three exercises per week. 1st S.*

**32. Plant Diseases. Prof. Brooks, Miss Black.**

A study of the more important fungous diseases and their prevention. Lectures, recitations and laboratory work. For Two-Year Agricultural Students, First Year.

*Open only to students who have completed Botany 1.*

*Three exercises per week. 2d S.*

**CHEMISTRY.****31. Elementary Applications.**

An elementary course, with special reference to the elements of plant food, composition of fertilizers, elements subject to exhaustion in soils, etc. For Two-Year Agricultural Students, First Year.

*Two exercises per week. 2d S.*

## DAIRYING.

PROF. RASMUSSEN.

## 31. Milk and Milk Testing.

Lectures and recitations on the secretion, composition and properties of milk, the Babcock test and lactometer. Comparative study of different systems of creaming and different factors influencing the efficiency of the hand separator. For Two-Year Agricultural Students, First Year. *Three exercises per week. 2d S.*

## 32. Butter Making.

This includes pasteurization, commercial starters, cream ripening, churning, marketing and scoring butter. Elective for Two-Year Agricultural Students, Second Year. *Three exercises per week. 1st S.*

## 33. Technology of Milk.

Same as Course 3. Elective for Two-Year Agricultural Students, Second Year. *Two exercises per week. 2d S.*

## DRAWING.

## 31. For Two-Year Agricultural Students, Second Year.

*One exercise per week. 1st S.*

## ENGLISH.

ASST. PROF. DAVID.

## 31. Grammar and Elementary Composition.

For Two-Year Agricultural Students, First Year.

*Three exercises per week. 1st S.*

## 32. Grammar and Composition.

This is a continuation of English 31. For Two-Year Agricultural Students, First Year.

*Open only to students who have completed English 31.*

*Three exercises per week. 2d S.*

## FORESTRY.

PROF. PICKETT.

## 31. Farm Forestry.

Method of reproduction, seed collecting, thinning, determination of heights, contents and increment of forest trees. For Two-Year Agricultural Students, First Year. *Two exercises per week. 2d S.*

## HORTICULTURE.

PROF. PICKETT, MR. LUMSDEN, MR. WOLFF, MR. GARDNER.

## 31. Vegetable Gardening. Mr. Gardner.

A study of the commercial methods of vegetable growing. Special attention is given to the home garden. For Two-Year Agricultural Students, First Year. *Three exercises per week. 1st S.*

## 32. Fruit Growing. Mr. Wolff.

This course embraces a study of commercial orcharding; each fruit being studied with reference to planting, cultivating, pruning, fertilizing, picking, packing, storing and marketing. For Two-Year Agricultural Students, Second Year. *Three exercises per week. 1st S.*

## 33. Greenhouse Management. Mr. Lumsden.

Combined lecture, demonstration and laboratory course in greenhouse management. Elective for Two-Year Agricultural Students, Second Year. *Three exercises per week. 1st S.*

## 34. Home Decoration. Mr. Lumsden.

A study of ornamental trees, shrubs and flowers; their culture, proper arrangement and decorative value, with special reference to home surroundings. Elective for Two-Year Agricultural Students, Second Year. *Three exercises per week. 2d S.*

## MATHEMATICS.

MR. SLATE.

## 31. Arithmetic and Bookkeeping.

A review of arithmetic, the first twelve weeks, and farm bookkeeping, the last six weeks. For Two-Year Agricultural Students, First Year. *Three exercises per week. 1st S.*

## MILITARY SCIENCE AND TACTICS.

LIEUT. EDGERLY.

## DRILL.

## 31. Military Drill.

For Two-Year Agricultural Students, First Year.

*Two exercises per week. 1st S.*

## 32. Military Drill.

For Two-Year Agricultural Students, First Year.

*Two exercises per week. 2d S.*

## 33. Military Drill.

For Two-Year Agricultural Students, Second Year.

*Two exercises per week. 1st S.*

## 34. Military Drill.

For Two-Year Agricultural Students, Second Year.

*Two exercises per week. 2d S.*

## MILITARY SCIENCE.

## 31. Infantry Drill Regulations.

Practical instruction and lectures. For Two-Year Agricultural Students, First Year. *One exercise per week. 1st S.*

## 32. Manual of Guard Duty and Small Arms Firing Regulations.

Practical instruction and lectures. For Two-Year Agricultural Students, First Year.

*Open only to students who have completed Military Science 31. One exercise per week. 2d S.*

## 33. Field Service Regulations.

For Two-Year Agricultural Students, Second Year.

*Open only to students who have completed Military Science 32. One exercise per week. 1st S.*

## 34. Field Service Regulations.

Lectures on advance guards, outposts, etc. Continuation of Military Science 33. For Two-Year Agricultural Students, Second Year.

*Open only to students who have completed Military Science 33. One exercise per week. 2d S.*

## PHYSICS.

PROF. NESBIT.

## 31. Elementary Physics.

For Two-Year Agricultural Students, Second Year.

*Four exercises per week. 1st S.*

## SHOP WORK.

## 31. Wood Work. Mr. Little.

For Two-Year Agricultural Students, First Year.

*Two exercises per week. 2d S.*

## 32. Iron Work. Mr. Tonkin.

For Two-Year Agricultural Students, Second Year.

*Two exercises per week. 2d S.*

## ZOOLOGY.

## 31. Human Physiology and Hygiene.

A study of the structure, physiology and care of the human body. Special attention will be given to the fundamental principles of Zoölogy, the nature of parasitic and bacterial diseases and the means of prevention. For Two-Year Agricultural Students, First Year.

*Three exercises per week. 1st S.*

## 32. Entomology.

The structure, habits and classification of insects, with special consideration of injurious pests and the means of controlling them. For Two-Year Agricultural Students, First Year.

*Three exercises per week. 2d S.*

## 33. Special Zoology.

This course will be arranged to meet the needs of Two-Year Students who wish to elect Zoölogy during the second year. Students are requested to see the instructor before electing this course.

*Three exercises per week. 1st S.*

## 34. Special Zoology.

Continuation of Zoölogy 33.

*Three exercises per week. 2d S.*

## COURSES OF STUDY AND SCHEDULE OF HOURS.

## First Year.

## FIRST SEMESTER.

	Credit Hours.	
<i>Agronomy 31</i>	Elementary Agriculture (first nine weeks).....	1½
<i>An. Husb. 30</i>	Types and Breeds of Live Stock (Last eight weeks).....	1½
<i>Botany 31</i>	Elements of Botany.....	3
<i>English 31</i>	Grammar and Elementary Composition.....	3
<i>Horticulture 31</i>	Vegetable Gardening.....	3
<i>Mathematics 31</i>	Mathematics and Bookkeeping ...	3
<i>Drill 31</i>	Military Drill.....	1
<i>Military Science 31</i>	Infantry Drill Regulations.....	1
<i>Zoölogy 31</i>	Human Physiology and Hygiene ..	3

## SECOND SEMESTER.

<i>Botany 32</i>	Plant Diseases .....	3
<i>Chemistry 31</i>	Elementary Applications.....	2
<i>Dairying 31</i>	Milk and Milk Testing.....	3
<i>English 32</i>	Grammar and Composition.....	3
<i>Forestry 31</i>	Farm Forestry.....	2
<i>Drill 32</i>	Military Drill.....	1
<i>Military Science 32</i>	Manual of Guard Duty.....	1
<i>Shop Work 31</i>	Wood Work.....	2
<i>Zoölogy 32</i>	Entomology.....	3

## Second Year.

## FIRST SEMESTER.

<i>Agronomy 32</i>	Farm Equipment and Farm Crops .	3
<i>An. Husb. 31</i>	Types and Breeds of Livestock....	3
* <i>An. Husb. 32</i>	Sheep Raising.....	3
* <i>An. Husb. 36</i>	Poultry.....	2
* <i>Dairying 32</i>	Butter Making.....	3
<i>Drawing 31</i>	.....	1

\*Elective. Elect courses to make a total of at least 18 hours.

<i>Horticulture</i> 32	Fruit Growing.....	3
* <i>Horticulture</i> 33	Greenhouse Management.....	3
<i>Drill</i> 33	Military Drill.....	1
<i>Military Science</i> 33	Field Service Regulations.....	1
<i>Physics</i> 31	Elementary Physics.....	4
* <i>Zoölogy</i> 33	Special Zoölogy.....	3

## SECOND SEMESTER.

<i>Agronomy</i> 33	Soils and Soil Physics.....	3
<i>Agronomy</i> 34	Manures and Fertilizers.....	2
<i>An. Husb.</i> 33	Feeds and Feeding.....	3
* <i>An. Husb.</i> 34	Principles of Breeding.....	3
* <i>An. Husb.</i> 35	Veterinary Science.....	3
* <i>Dairying</i> 33	Technology of Milk.....	2
* <i>Forestry</i> 32	Aboriculture and Forestry.....	3
* <i>Horticulture</i> 34	Home Decoration.....	3
<i>Drill</i> 34	Military Drill.....	1
<i>Military Science</i> 34	Field Service Regulations.....	1
<i>Shop Work</i> 32	Iron Work.....	2
* <i>Zoölogy</i> 34	Special Zoölogy.....	3

\*Elective. Elect courses to make a total of at least 18 hours.

## TWO-YEAR COURSE IN AGRICULTURE—FIRST YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	English 31	Agronomy 31 (First nine weeks)	Mathematics 31	Drill 31	Horticulture 31 Botany 31 (Div. 1) Zoology 31 (Div. 2)
Tuesday		Military Sci. 31	Horticulture 31	Botany 31 (Div. 1 & 2)	
Wednesday	English 31	Agronomy 31 (First nine weeks) An. Husb. 30 (Last eight weeks)	Mathematics 31	Zoology 31 (Div. 1 & 2)	Zoology 31 (Div. 1)
Thursday		Horticulture 31		Zoology 31 (Div. 1 & 2)	Botany 31 (Div. 1)
Friday	English 31	Agronomy 31 (First nine weeks) An. Husb. 30 (Last eight weeks)	Mathematics 31	Drill 31	Botany 31 (Div. 2)
Saturday	An. Husb. 30 (Last eight weeks)	An. Husb. 30 (Last eight weeks)	Botany 31 (Div. 2)	Botany 31 (Div. 2)	
Monday	English 32	Chemistry 31 Botany 32 (Div. 1) Shop 31 (Div. 2)	Forestry 31	Drill 32	Botany 32 (Div. 2) Shop 31 (Div. 1)
Tuesday			Botany 32 (Div. 1) Shop 31 (Div. 2)	Shop 31 (Div. 2)	Dairying 31 (Div. 1) Zoology 32 (Div. 2)
Wednesday	English 32	Chemistry 31	Shop 31 (Div. 1) Shop 31 (Div. 2)	Botany 32 (Div. 1) Shop 31 (Div. 2)	Forestry 31
Thursday	Dairying 31 (Div. 1) Zoology 32 (Div. 2)	Dairying 31 (Div. 1) Zoology 32 (Div. 2)	Dairying 31 (Div. 1) Zoology 32 (Div. 2)	Botany 32 (Div. 1 & 2)	Dairying 31 (Div. 2) Zoology 32 (Div. 1)
Friday	English 32	Military Sci. 32	Dairying 31 (Div. 1 & 2)	Drill 32	Botany 32 (Div. 2) Shop 31 (Div. 1)
Saturday	Dairying 31 (Div. 2) Zoology 32 (Div. 1)	Dairying 31 (Div. 2) Zoology 32 (Div. 1)	Dairying 31 (Div. 2) Zoology 32 (Div. 1)	Zoology 32 (Div. 1 & 2)	

FIRST SEMESTER

SECOND SEMESTER

TWO-YEAR COURSE IN AGRICULTURE—SECOND YEAR

Day	8-9	9-10	10-11	11-12	P. M.
Monday	*An. Husb. 32 *Horticulture 33	Horticulture 32	*Dairying 32	Drill 33	An. Husb. 31
Tuesday	*Dairying 32 *An. Husb. 32 *Horticulture 33	*Dairying 32 Horticulture 32	Agronomy 32 Physics 31	Physics 31 An. Husb. 31	*An. Husb. 36 Agronomy 32 *Dairying 32 *Horticulture 33
Wednesday	*An. Husb. 32	*An. Husb. 32	Agronomy 32	Physics 31	Horticulture 32
Thursday	Military Sci. 33	*An. Husb. 36	An. Husb. 31	Drill 33	Horticulture 32
Friday	Drawing 31	Drawing 31	Drawing 31	Physics 31	
Saturday					
Monday	Agronomy 34	*Dairying 33	*Forestry 32	Drill 34	*An. Husb. 35 *Dairying 33 *Forestry 32
Tuesday	Military Sci. 34	*An. Husb. 35	Agronomy 33	*Horticulture 34	
Wednesday	Agronomy 34	Shop 32 *An. Husb. 34 *Horticulture 34	Shop 32	Shop 32	Agronomy 33
Thursday	*Horticulture 34	*An. Husb. 35 *Forestry 32	Agronomy 33	Drill 34	An. Husb. 33 *Horticulture 34 *An. Husb. 34
Friday	An. Husb. 33				
Saturday	An. Husb. 33	*An. Husb. 34	Shop 32	Shop 32	

\* Elective.

FIRST SEMESTER

SECOND SEMESTER

## TEN-WEEK COURSE IN DAIRYING OR DAIRY SCHOOL.

### OPENING.

The Sixteenth Annual Dairy School of the New Hampshire College opens Thursday, January 5, and closes Friday, March 10. Students should present themselves for registration at Thompson Hall the first day of the session. Lectures and laboratory work will begin the following day.

### ADMISSION.

The school is open to men and women sixteen years of age and upward. No entrance examination is required. However, in order to make the best use of the instruction, the student should have a good common school education. The experiences of previous years have shown that the subject in which the student is most deficient is arithmetic, especially percentage and decimals. Both of these divisions of arithmetic are used to a large extent in solving problems in the creamery and also in computing rations for the dairy cow. It is, therefore, well for those planning to take the dairy course to review these subjects before entering. To be most benefited by the school, the students should have had some practical experience on a farm or in a creamery.

### EXPENSES.

A tuition of five dollars is payable on registering, at the beginning of the term; other expenses, including books, white suits, and room and board for ten weeks, amount to approximately sixty dollars.

### CERTIFICATES.

Students completing the required work of the dairy school and passing satisfactory examinations, will be given certificates

### PRIZES.

Through the courtesy of Mr. T. J. Davis, Duluth, Minn., three suitable prizes will be given to students who rank the highest in judging dairy cattle.

### AGRONOMY.

PROF. TAYLOR, MR. SLATE.

#### 50. Forage and Silage Crops.

This course will consist of ten lectures upon forage and silage crops which are suited to New Hampshire conditions. The matter of varieties, preparation of the ground, time of seeding, amount of seed, harvesting and storing will be discussed. Soiling crops, the construction of silos and the growing of crops for the silo will be treated in as much detail as the time allows. Laboratory periods in corn judging and in seed testing will be given.

**51. Manures and Fertilizers.**

This course will consist of eight lectures upon the constituents of farm manures and chemical fertilizers; the care and application of manure; the home mixing of fertilizers and the modifications for different soils and crops.

**ANIMAL HUSBANDRY.**

ASST. PROF. ECKMAN.

**42. Breeds of Dairy Cattle.**

Lectures and recitations upon the origin, history, distribution, characteristics, adaptability and standard of excellence of the pedigreed breeds of cattle, with special reference to the selection of breeds and of individual animals for the herd. The practical work will consist of scoring and judging representatives of the various breeds of dairy cattle, and in tracing pedigrees of animals in the herd books of the different breeds. Two lectures and one judging period per week.

**44. Diseases of Cattle.**

This course will consist of lectures and recitations upon the anatomy and physiology of the cow, with special reference to the digestive, reproductive and milk-producing organs. The common diseases, their causes and the methods of treatment will be discussed. Practice will also be given in fitting animals for the show ring.

**45. Feeds and Feeding.**

Lectures and recitations upon the composition and digestibility of feeding stuffs. A daily study of the different grains and feeds, and their value in a dairy ration. Practice will be given in computing rations for the dairy cow.

*Three exercises per week.*

**DAIRYING.**

PROF. RASMUSSEN, MR. PIERPONT, MR. JUDKINS.

**40. Butter Making.**

Lectures and recitations on the different systems of creaming milk and a comparison of the efficiency of different cream separators under varying conditions; cream ripening; churning, washing, marketing and scoring of butter.

**41. Dairy Bacteriology.**

Lectures and demonstrations on the function of bacteria and the application of bacteriological principles to dairy work, such as pasteurization, cream ripening, commercial starters, and deterioration of butter.

**42. Dairy Practice.**

The equipment in the dairy building is such that the laboratory work can be made applicable both to farm and factory conditions. The student will have an opportunity to study construction and efficiency and operation of the various machines used in the handling of milk

and making of butter. The use of the Babcock test in apportioning the money value of milk is now regulated by state law, and the importance of the test in the successful management of the dairy herd has created a demand for more complete and practical training. The details of the test will be studied carefully, and the student will practise testing milk, cream, skim-milk and butter-milk until fully competent to perform the work for himself or for others.

#### 43. Market Milk.

A study of the value of milk as a food and its relation to public health. The production and handling of market milk, and of certified milk. Commercial milk inspection. Exercise will be given in the scoring of milk and cream, and in the scoring of dairies.

#### 44. Milk Testing.

This course will consist of a study of the composition, the physical and chemical properties of milk, the various methods of sampling and testing milk and cream, the testing of dairy herds and organizing and operating cow test associations.

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## NEW HAMPSHIRE AGRICULTURAL EXPERIMENT STATION.

Most of the Agricultural Experiment Stations of the various states, including that of New Hampshire, were founded in 1888 by an act of Congress, approved March 2, 1887, known as the Hatch Act, in honor of its author. This act appropriated fifteen thousand dollars (\$15,000) annually for the maintenance of an Agricultural Experiment Station in each state. This act provides:

“That it shall be the object and duty of said Experiment Stations to conduct original researches or verify experiments on the physiology of plants and animals; the diseases to which they are severally subject, with the remedies for the same; the chemical composition of useful plants at their different stages of growth; the comparative advantages of rotative cropping as pursued under a varying series of crops; the capacity of new plants or trees for acclimation; the analysis of soils and water; the chemical composition of manures, natural and artificial, with experiments designed to test their comparative effects on crops of different kinds; the adaptation and value of grasses and forage plants; the composition and digestibility of the different kinds of food for domestic animals; the scientific and economic questions involved in the production of butter and cheese; and such other researches or experiments bearing directly on the agricultural industry of the United States as may in each case be deemed advisable, having due regard to the varying conditions and needs of the respective states and territories.” The

act also provides that the results of such work shall be published in bulletins and reports.

A further endowment of the Experiment Stations to provide specifically for research work was made by the Adams Act, passed by Congress and approved March 16, 1906, which provided an increased annual appropriation which amounts to \$15,000 for the current fiscal year. This appropriation is specifically limited to the "necessary expenses of conducting original researches or experiments," and the rulings of the United States Department of Agriculture, which is vested with the supervision of the expenditures under this act, require that this appropriation be spent in fundamental investigations or researches to determine the underlying causes and principles of agricultural science, rather than for mere experiments to secure results of immediate practical application as contemplated under the Hatch Act appropriation. The purposes of the two acts are therefore supplementary but distinct.

The New Hampshire Agricultural Experiment Station is organized as a department of the New Hampshire College of Agriculture and Mechanic Arts, and is administered by a Board of Control, elected by its Board of Trustees.

The publications of the Station comprise 148 bulletins of the regular series and seven circulars. The bulletins are issued at irregular intervals and are sent to all residents of New Hampshire requesting them. Back numbers will be sent as long as the supply lasts.

The Station is prepared to give advice and assistance to the farmers of New Hampshire along the following lines:

The maintenance of soil fertility, including the rotation of crops and the selection and use of manures and fertilizing materials.

The selection of varieties of grains, grasses and forage crops and methods of culture.

The selection of varieties of fruits and vegetables and the management of orchards.

The examination of seeds that are suspected of being unsound or adulterated; the identification of grasses, weeds and other plants; the prevention of fungous diseases of plants.

The identification of insects and the control of such as are injurious.

The feeding of animals, including calculation of rations and use of various feeding stuffs.

The methods of milk production, creamery and dairy methods and machinery and the scoring of dairy products.

The testing of milk to determine the value of dairy cows.

The planting and care of forest trees and the management of farm wood lots.

Any citizen of New Hampshire has the right to apply to the Station for such assistance as it can give, and all such requests will be given prompt attention.

## COMMENCEMENT, 1910.

On Commencement Day, June 15, 1910, the following degrees were conferred:

**BACHELORS OF SCIENCE.****Agriculture.**

David Wadsworth Anderson, Manchester.  
Lucian Holmes Burns, Milford.  
Henry Thomas Converse, Amherst.  
Harold Elwin Hardy, Hollis.  
Edson Dana Sanborn, Fremont.  
Charles Shannon Wright, Portsmouth.

**Arts and Science.**

Walter Sidney Abbott, Manchester.  
Arthur Clyde Cotton, Alton.  
Leonard Samuel Morrison, Penacook.  
Henry Brown Philbrook, North Hampton.  
Clyde Henry Swan, Keene.

**Chemical Engineering.**

Alfred Edward Blake, Nashua.  
Orville Frank Bryant, Ashland.  
Harry Percival Corliss, Wolfeboro.  
Harry Peach Corson, Laconia.  
Charles Edward Peel, Nashua.  
Clement Linwood Perkins, Berwick, Me.

**Electrical Engineering.**

Frank Hartwell Bills, Reed's Ferry.  
Edward Daniel French, South Hampton.  
Walter Dennis Kidder, Manchester.  
Haldimand Wentworth Neal, Dover.  
Robert Abbott Neal, Dover.  
Harold Clifford Read, Westport.  
Theron Alberto Thorp, Exeter.  
Burleigh Ray Wells, Somersworth.

**Mechanical Engineering.**

Edgar Herbert Burroughs, Sanbornville.  
Wilbur Warren Burroughs, Sanbornville.  
Fred Odell Chase, Waterloo.  
George Burpee Hefler, Jackson.  
Simes Thurston Hoyt, Newington.  
Cheney Edison Lawrence, Nashua.  
Raymond Brewster Scammon, Stratham.

**Unclassified.**

Dalton Boynton, Little Boar's Head.  
Brenton William Proud, Manchester.

**Certificates.**

Andrew Winfred Benner, Gonic.  
Channing Montford Jonathan Bickford, Rye Beach.  
Wilfred Albro Osgood, Windham Depot.  
Howard Weaver Sanborn, Sanbornton.  
Bertram Eugene Graham Silver, Roxbury, Mass.  
Percy Septimus Snow, Nashua.  
Henry Leigh Stevens, Franklin.  
Hugh Townsend, Lebanon.  
Everett Cook Williams, Worcester, Mass.  
Everett Wiswell, Colebrook.  
Minot Walter Woods, Bath.

**HONOR LIST FOR 1910.****SPECIAL HONOR.****Average of 90 for the Year's Work.**

1910.

Walter Sidney Abbott,	Arts and Science Course.
Harry Percival Corliss,	Chemical Engineering Course.

1911.

Margaret DeMeritt,	Arts and Science Course.
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1913.

Donald Babcock Keyes,	Engineering Course.
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**HONOR.****Average of 80 for the Year's Work.**

1910.

David Wadsworth Anderson,	Agricultural Course.
Frank Hartwell Bills,	Electrical Engineering Course.
Alfred Edward Blake,	Chemical Engineering Course.
Lucian Holmes Burns,	Agricultural Course.
Henry Thomas Converse,	Agricultural Course.
Harry Peach Corson,	Chemical Engineering Course.
Edward Daniel French,	Electrical Engineering Course.
Simes Thurston Hoyt,	Mechanical Engineering Course.
Leonard Samuel Morrison,	Arts and Science Course.

Charles Edward Peel,  
Raymond Brewster Scammon,  
Theron Alberto Thorp,

Chemical Engineering Course.  
Mechanical Engineering Course.  
Electrical Engineering Course.

1911.

Albert Huckins Brown,  
Arthur Samuel Colby,  
Mariette Alice Drew,  
Ralph Lewis Easterbrook,  
Olive Estelle Hatch,  
Henry Forrest Judkins,  
Charles Willis Kemp,  
Bret Pease,

Agricultural Course.  
Agricultural Course.  
Arts and Science Course.  
Agricultural Course.  
Arts and Science Course.  
Agricultural Course.  
Agricultural Course.  
Electrical Engineering Course.

1912.

George Wesley Berry,  
Lewis L. H. Bunker,  
Philip Lewis Gowen,

Agricultural Course.  
Electrical Engineering Course.  
Chemical Engineering Course.

1913.

Robin Beach,  
Don Warren Bissell,  
Philip Cowell Jones,  
Gilbert Frederic Lane,  
John Christie Morgan,  
Harold Forrest Peavey,  
Alfred Leroy Richmond,  
Harold Averill Robinson,  
Hugh Townsend,  
Perry Elliott Tubman,  
Thomas James Twomey,  
Lester Ray Whitaker,  
Clayton Wight Work,

Engineering Course.  
Agricultural Course.  
Engineering Course.  
Engineering Course.  
Arts and Science Course.  
Engineering Course.

#### Special Course.

George Filmore Roberts,

Agricultural Course.

### PRIZE RECORD FOR 1910.

#### BAILEY PRIZE—\$10.

GIVEN BY DR. C. H. BAILEY OF THE CLASS OF '79, AND E. A. BAILEY  
OF THE CLASS OF '85.

HARRY PERCIVAL CORLISS, Wolfeboro.

#### ERSKINE MASON MEMORIAL PRIZE.

ALFRED EDWARD BLAKE, Nashua.

CHASE-DAVIS MEMORIAL MEDALS.

Gold Medal.

WILBUR WARREN BURROUGHS, Sanbornville.

Silver Medal.

ROBERT ABBOTT NEAL, Dover.

SENIOR STANDING HIGHEST IN THE MILITARY  
DEPARTMENT.

HARRY PEACH CORSON, Laconia.

WINNERS OF INDIVIDUAL PRIZE DRILL.

Gold Medal.

ALAN LEIGHTON, '12, Concord.

Silver Medal.

HAROLD AVERILL ROBINSON, '13, Elmwood.

HONORABLE MENTION.

CLAYTON WIGHT WORK, '13, Exeter.

PRIZE SWORD—EXCELLENCE IN DRILL.

CHARLES FARNUM WHITTEMORE, '11, Pembroke.

Honorable Mention.

ELDON EUGENE STARK, '11, Haverhill.

SENIORS REPORTED TO ADJUTANT-GENERAL, U. S. ARMY,  
FOR APTITUDE IN DRILL.

HARRY PEACH CORSON, Laconia.

ROBERT ABBOTT NEAL, Dover.

FRED ODELL CHASE, Warner.

CHENEY EBEN LAWRENCE, Nashua.

COLOR COMPANY—FIRST SEMESTER.

COMPANY B.

VALENTINE SMITH SCHOLARSHIPS.

MARGARET DEMERITT, '11.

PHILIP L. GOWEN, '12.

GILBERT FREDERIC LANE, '13.

RAY WARREN COMBS, '14.

## ROSTER OF BATTALION.

FOR 1910-'11.

## COMMANDANT.

LIEUTENANT G. W. EDGERLY, Second United States Infantry.

## CADET OFFICERS AND NON-COMMISSIONED OFFICERS.

## Field and Staff.

MAJOR C. F. WHITTEMORE.

FIRST LIEUT. AND ADJT. L. E. PIERCE.

SECOND LIEUT. AND Q. M. C. H. ROBINSON.

SERGT. MAJOR H. R. TUCKER.

Q. M. SERGT. P. D. BUCKMINSTER.

COLOR SERGT. C. M. NEAL.

## BAND.

CHIEF MUSICIAN H. W. SANBORN.

PRINCIPAL MUSICIAN R. E. LOVELL.

DRUM MAJOR H. C. HOLDEN.

## Sergeants.

I. C. PERKINS.

J. B. PETTENGILL.

G. W. TOWLE.

A. M. BENNETT.

## Corporals.

J. C. BODWELL.

P. C. JONES.

C. B. ADAMS.

P. A. FOSTER.

H. L. WHITTEMORE.

A. W. CHADBOURN.

## Captain and Physical Instructor.

B. F. PROUD.

## COMPANY A.

CAPT. P. J. BURBECK.

FIRST LIEUT. J. H. BATCHELDER.

SECOND LIEUT. S. DEMERITT.

FIRST SERGT. J. A. MANTER.

## Sergeants.

L. L. H. BUNKER.

J. E. ROBINSON.

E. C. WILLIAMS.

A. J. LEIGHTON.

## Corporals.

N. D. PAINE.

A. GRISWOLD.

D. A. ANDREW.

W. H. METZE.

J. E. LADD.

W. C. KROOK.

## Musician.

A. G. DAVIS.

## COMPANY B.

CAPT. E. E. STARK.

FIRST LIEUT. L. S. FOSTER.

SECOND LIEUT. A. LEIGHTON.

FIRST SERGT. G. W. BERRY.

## Sergeants.

M. S. WATSON.

M. J. O'MALLEY.

M. P. BRADFORD.

D. B. KEYES.

## Corporals.

B. WOODWARD.

S. SANBORN.

F. G. FISHER.

C. F. SCOTT.

P. M. PHILLIPS.

H. R. ROBINSON.

## Musicians.

C. N. STETSON.

L. F. BROWN.

## COMPANY C.

CAPT. R. E. CARPENTER.

FIRST LIEUT. R. C. MORGAN.

SECOND LIEUT. P. R. CROSBY.

FIRST SERGT. W. E. ROGERS.

## Sergeants.

C. A. JENNINGS.

A. H. SAWYER.

W. H. QUIMBY.

P. C. GALE.

## Corporals.

C. H. ROGERS.

V. E. LEAVITT.

T. J. TWOMEY.

A. G. WOOD.

H. B. CATLIN.

L. S. DREW.

## Musician.

G. A. MCPHETERS.

## STUDENTS.

*a*—Agricultural Course; *c*—Course in Chemical Engineering; *a* and *s*—Arts and Science Course; *m e*—Mechanical Engineering; *e e*—Electrical Engineering; *u*—Unclassified. Freshmen in the Engineering Courses and Sophomores in the Electrical and Mechanical Engineering Courses are designated by *e* only.

## SENIORS.

Name.	Residence.
Arozian, Ohannes A. <i>c</i>	<i>Nashua.</i>
Bennett, Leland Wilson <i>e e</i>	<i>Laconia.</i>
Brown, Albert Huckins <i>a</i>	<i>Strafford.</i>
Brown, Charles Owen <i>c</i>	<i>Concord.</i>
Burbeck, Perry James <i>e e</i>	<i>Haverhill.</i>
Colby, Arthur Samuel <i>a</i>	<i>Tilton.</i>
DeMeritt, Margaret <i>a</i> and <i>s</i>	<i>Durham.</i>
Drew, Mariette Alice <i>a</i> and <i>s</i>	<i>Colebrook.</i>
Easterbrook, Ralph Lewis <i>a</i>	<i>Dudley, Mass.</i>
Gove, Willis Ansel <i>e e</i>	<i>Laconia.</i>
Hatch, Olive Estelle <i>a</i> and <i>s</i>	<i>Dover.</i>
Judkins, Henry Forrest <i>a</i>	<i>Kingston.</i>
Kemp, Charles Willis <i>a</i>	<i>Kingston.</i>
Little, Webb <i>a</i> and <i>s</i>	<i>Campton.</i>
Morrill, Winfred <i>e e</i>	<i>Pike.</i>
Nason, Carl Eastman <i>e e</i>	<i>Concord.</i>
Parker, Edward Gookin <i>c</i>	<i>Portsmouth.</i>
Pease, Bret <i>e e</i>	<i>Ashland.</i>
Pierce, Leonard Emerson <i>e e</i>	<i>Worcester, Mass.</i>
Proud, Benjamin Franklin <i>a</i> and <i>s</i>	<i>Manchester.</i>
Robinson, Charles Harrison <i>c</i>	<i>Marlborough.</i>
Scott, Bessie Amanda <i>a</i> and <i>s</i>	<i>Tyson, Vt.</i>
Stark, Eldon Eugene <i>e e</i>	<i>Haverhill.</i>
Towne, Ernest George <i>m e</i>	<i>Plymouth.</i>
Whittemore, Charles Farnum <i>c</i>	<i>Pembroke.</i>
Wilkins, Aaron Wallace <i>e e</i>	<i>Amherst.</i>

## JUNIORS.

Name.	Residence.
Bachelor, John Hutchins <i>a</i> and <i>s</i>	<i>Concord.</i>
Bailey, Thomas Craig <i>a</i> and <i>s</i>	<i>New Boston.</i>
Berry, George Wesley <i>a</i>	<i>Stratham.</i>
Bradford, Maurice P. <i>e e</i>	<i>Derry.</i>
Buckminster, Paul D. <i>c</i>	<i>Lee.</i>
Bunker, Lewis L. H. <i>e e</i>	<i>Durham.</i>
Carpenter, Roy Elbert <i>a</i> and <i>s</i>	<i>Medford, Mass.</i>
Cole, Florence Viola <i>a</i> and <i>s</i>	<i>Dover.</i>
Crosby, Percy Raymond <i>e e</i>	<i>Durham.</i>
Davis, Arthur G. <i>a</i>	<i>Peterborough.</i>
Davison, Frank S. <i>a</i>	<i>Durham.</i>
DeMeritt, Stephen <i>e e</i>	<i>Durham.</i>
Donnelly, Edith G. <i>a</i> and <i>s</i>	<i>Dover.</i>
Drew, Lyle Stevens <i>e e</i>	<i>Union.</i>
Foster, Leland S. <i>e e</i>	<i>Newport.</i>

Name.	Residence.
Gowen, Philip Lewis <i>c</i>	<i>Stratham.</i>
Hayes, Bernice M. <i>a</i> and <i>s</i>	<i>Durham.</i>
Holden, Hiram Chester <i>c</i>	<i>Manchester.</i>
Jennings, Earle B. <i>e e</i>	<i>Winchester.</i>
Leighton, Alan <i>c</i>	<i>Concord.</i>
Leighton, Arthur John <i>m e</i>	<i>Laconia.</i>
Lowd, Clarence Mortimer <i>e e</i>	<i>Durham.</i>
McLucas, Charles Abraham <i>e e</i>	<i>Nashua.</i>
Manter, Jerauld A. <i>a</i> and <i>s</i>	<i>Manchester.</i>
Morgan, Ralph Clifford <i>e e</i>	<i>Concord.</i>
O'Malley, Michael J. <i>a</i> and <i>s</i>	<i>Somersworth.</i>
Pettengill, James B. <i>e e</i>	<i>Dover.</i>
Quimby, Waldo Hutchinson <i>e e</i>	<i>Concord.</i>
Robinson, John E. <i>c</i>	<i>Pembroke.</i>
Rogers, William Edward <i>m e</i>	<i>Durham.</i>
Shapleigh, Edward Eugene <i>e e</i>	<i>Kittery, Me.</i>
Skinner, Russell E. <i>a</i>	<i>Colebrook.</i>
Tucker, Herbert Ray <i>a</i> and <i>s</i>	<i>Concord.</i>
Tucker, Raymond Hodgdon <i>c</i>	<i>Berlin.</i>
Watson, Myles Standish <i>a</i>	<i>Durham.</i>

## SOPHOMORES.

Name.	Residence.
Adams, Carroll Sidney <i>a</i> and <i>s</i>	<i>Marlborough.</i>
Andrew, David Henry <i>e</i>	<i>Newbury.</i>
Batchelder, C. Howard <i>a</i> and <i>s</i>	<i>Taunton, Mass.</i>
Batchelder, Roy Eugene <i>a</i>	<i>Sugar Hill.</i>
Beach, Robin <i>e</i>	<i>South Natick, Mass.</i>
Bissell, Don Warren <i>c</i>	<i>Keene.</i>
Buxton, Ray Pressey <i>e</i>	<i>South Hampton.</i>
Catlin, Harwood B. <i>a</i> and <i>s</i>	<i>Hill.</i>
Christie, Jesse Roy <i>a</i>	<i>New Boston.</i>
Cole, Edward Everett <i>a</i> and <i>s</i>	<i>Warner.</i>
Davis, Wesley Elton <i>e</i>	<i>Durham.</i>
Eastman, Wesley Edward <i>a</i>	<i>Andover.</i>
Falconer, William Marshall <i>a</i>	<i>Milford.</i>
Fisher, Frank Gordon <i>a</i>	<i>Durham.</i>
Foster, Perley Addison <i>a</i>	<i>Claremont.</i>
Gale, Philroy Clifton <i>e</i>	<i>Concord.</i>
Garland, Irving Robinson <i>a</i>	<i>Lakeport.</i>
Gillespie, Marion Emma <i>a</i> and <i>s</i>	<i>Manchester.</i>
Hayden, Harry Eugene <i>a</i> and <i>s</i>	<i>The Weirs.</i>
Hilliard, Leon Wilcomb <i>c</i>	<i>Kingston.</i>
Hoben, Francis Michael <i>c</i>	<i>Concord.</i>
Hodgdon, Winifred <i>a</i> and <i>s</i>	<i>Portsmouth.</i>
Jenness, Augustine Watson <i>e</i>	<i>Dover.</i>
Jones, Philip Cowell <i>a</i> and <i>s</i>	<i>Milton.</i>
Kelley, Charles George <i>a</i>	<i>Gilmanton.</i>
Keyes, Donald Babcock <i>c</i>	<i>Dover.</i>
Knight, Ray Hubert <i>a</i>	<i>Marlborough.</i>
Krook, William Cleon <i>e</i>	<i>Wolfboro.</i>
Ladd, John Everett <i>a</i>	<i>Raymond.</i>
Lane, Gilbert Frederic <i>c</i>	<i>Ashburnham, Mass.</i>
Lang, Gilman Anjavine <i>c</i>	<i>Newmarket.</i>
Leavitt, Van Earle <i>a</i> and <i>s</i>	<i>Laconia.</i>

Name.	Residence.
Locke, Harriet Esther <i>a</i> and <i>s</i>	<i>Hampton.</i>
Lord, Mabel Estella <i>a</i> and <i>s</i>	<i>Hopkinton.</i>
Lovell, Roscoe Ernest <i>a</i> and <i>s</i>	<i>Portsmouth.</i>
McPheters, George Allen <i>a</i> and <i>s</i>	<i>Portsmouth.</i>
Metze, Wilhelm Hamilton <i>e</i>	<i>Berlin.</i>
Morgan, John Christie <i>c</i>	<i>Durham.</i>
Neal, Cecil Maurice <i>e</i>	<i>Portsmouth.</i>
O'Connor, Regina <i>a</i> and <i>s</i>	<i>Newmarket.</i>
Paine, Nathan Dean <i>e</i>	<i>Berlin.</i>
Peavey, Harold Forrest <i>e</i>	<i>Wolfboro.</i>
Perkins, Irving C. <i>a</i> and <i>s</i>	<i>Kennebunk, Me.</i>
Phillips, Paul Milton <i>a</i>	<i>Nashua.</i>
Pinkham, Valentine <i>e</i>	<i>Dover.</i>
Place, Walter Roy <i>e</i>	<i>Alton Bay.</i>
Richmond, Alfred Leroy <i>c</i>	<i>Nashua.</i>
Robinson, Harold Averill <i>c</i>	<i>Elmwood.</i>
Rogers, Charles Harold <i>a</i> and <i>s</i>	<i>Exeter.</i>
Sanborn, Ralph Moses <i>a</i> and <i>s</i>	<i>Lakeport.</i>
Sanborn, Smith <i>e</i>	<i>Franklin.</i>
Sawyer, Arthur H. <i>a</i>	<i>Atkinson.</i>
Scott, Charles Field <i>a</i> and <i>s</i>	<i>Durham.</i>
Towle, George Wesley <i>a</i> and <i>s</i>	<i>Newmarket.</i>
Tubman, Perry Elliott <i>e</i>	<i>Portsmouth.</i>
Tuttle, Harry Benjamin <i>a</i>	<i>Atkinson.</i>
Twomey, Thomas James <i>c</i>	<i>Newfields.</i>
Warner, William Pearl, Jr. <i>a</i> and <i>s</i>	<i>Plaistow.</i>
Whiting, Paul Nathaniel <i>a</i>	<i>Amherst.</i>
Whittemore, Hollie Leon <i>a</i>	<i>Colebrook.</i>
Willard, Daniel Phineas Alston <i>a</i> and <i>s</i>	<i>West Upton, Mass.</i>
Wood, Arthur G. <i>a</i> and <i>s</i>	<i>Newmarket.</i>
Woodward, Bernard <i>e</i>	<i>Lancaster.</i>
Work, Clayton Wight <i>e</i>	<i>Exeter.</i>
Wyman, Horace Chester <i>a</i>	<i>Manchester.</i>
Yates, James Black <i>e</i>	<i>Biddeford, Me.</i>

## FRESHMEN.

Name.	Residence.
Annis, John Harold <i>e</i>	<i>Manchester.</i>
Arthur, Walter Edward <i>e</i>	<i>Manchester.</i>
Barrett, Lawrence Newton <i>e</i>	<i>Hampton Falls.</i>
Bean, Raymond Jackson <i>e</i>	<i>Laconia.</i>
Blake, Percival Moulton <i>a</i> and <i>s</i>	<i>Hampton.</i>
Brackett, William Henry Langdon <i>a</i> and <i>s</i>	<i>Greenland.</i>
Brown, Byron Francis <i>e</i>	<i>Berlin Mills.</i>
Brown, Leon Frank <i>a</i>	<i>Rochester.</i>
Carey, George Martin <i>a</i> and <i>s</i>	<i>Salem Depot.</i>
Chatfield, Asa Benjamin <i>a</i>	<i>Durham.</i>
Clark, Byron Humphrey <i>e</i>	<i>Manchester.</i>
Cole, Louise Annie <i>a</i> and <i>s</i>	<i>Rollinsford.</i>
Combs, Ray Warren <i>a</i>	<i>Hampton Falls.</i>
Connell, John Henry <i>e</i>	<i>Rochester.</i>
Davis, John Edgar <i>a</i> and <i>s</i>	<i>Portsmouth.</i>
Davis, Thomas Albert <i>e</i>	<i>Dover.</i>
Donoghue, John James <i>e</i>	<i>Berlin.</i>
Dresser, Clarence Jewell <i>e</i>	<i>Berlin.</i>

Name.	Residence.
Dustin, True Page <i>e</i>	Berlin.
Eastman, Harold Moses <i>e</i>	Franklin.
Eastman Moses Gale <i>a</i>	Sanbornton.
Fernald, Llwellyn Francis <i>e</i>	Rochester.
Foss, Raymond Haskell <i>e</i>	Dover.
Gamash, Albert William <i>a</i>	Manchester.
Garland, Russell White <i>e</i>	Manchester.
Goss, Herbert Albert <i>e</i>	Berlin.
Halvorsen, George Arthur <i>e</i>	Berlin Mills.
Halvorsen, Henry Olaf <i>e</i>	Berlin Mills.
Ham, Guy Leslie <i>e</i>	Tuflonborough.
Hannaford, Paul Francis <i>a</i> and <i>s</i>	Peterborough.
Hayes, John Paul, Jr. <i>a</i>	Portsmouth.
Heath, Carroll Richard <i>e</i>	South Danville.
Holt, Raimond Vincent <i>e</i>	Berlin.
Jeness, Chester Albert <i>a</i> and <i>s</i>	Dover.
Jesseman, LeRoy Dexter <i>a</i>	Franconia.
Johnson, Charles <i>a</i>	Gilmanton.
Kelley, Leon Jerry <i>e</i>	Colebrook.
Key, Yuling George <i>e</i>	Shanghai, China.
Ladd, Daniel Watson, Jr. <i>a</i>	Epping.
Lambe, Maxwell Richard <i>a</i>	Somersworth.
Leach, Herbert Chase <i>a</i>	Litchfield.
Lewis, Percy John <i>e</i>	Lebanon.
McCartney, Howard Ransom <i>e</i>	Meriden.
McCrillis, Neal <i>a</i>	Whiteface.
McNeil, Robert Henry <i>e</i>	Dover.
Mansur, John Percival <i>a</i> and <i>s</i>	Haverhill, Mass.
Montgomery, Earl Roger <i>e</i>	Contoocook.
Nudd, Frances Augusta <i>a</i> and <i>s</i>	Hampton.
O'Connor, Joseph R. <i>a</i>	Newmarket.
Osgood, Wilfred Albro <i>a</i>	Windham.
Paige, Laura Jane <i>a</i> and <i>s</i>	Goffstown.
Paulson, Carl Gustav <i>e</i>	Berlin Mills.
Pendergast, Harold Worth <i>a</i> and <i>s</i>	Somerville, Mass.
Perkins, Gerald Nye <i>e</i>	Claremont.
Pike, Isaac Watson <i>a</i> and <i>s</i>	Haverhill.
Reardon, Timothy Patrick <i>e</i>	Concord.
Richardson, Ernest Leonell <i>e</i>	Newton.
Sanborn, Roland Rufus <i>e</i>	Rochester.
Sargent, Arthur Frank <i>e</i>	Manchester.
Sellers, Paul Thornton <i>e</i>	Franklin.
Smart, Raymond Woodus <i>e</i>	Dover.
Smith, David Albert <i>e</i>	Manchester.
Smith, Fred Carl <i>e</i>	Bradford, Vt.
Smith, Holton A. <i>e</i>	West Lebanon.
Story, Irving Chellis <i>e</i>	Claremont.
Tarbell, Luther Allen <i>a</i>	Hollis.
Taylor, John Walter <i>e</i>	North Walpole.
Trickey, Mabelle Grace <i>a</i> and <i>s</i>	Dover.
Tufts, James Arthur, Jr. <i>a</i>	Exeter.
Watson, Lyle N. <i>a</i> and <i>s</i>	Barnstead.
Welsh, Russell Hamilton <i>e</i>	Exeter.
Wilder, Wallace Whittier <i>a</i>	Amesbury, Mass.
Williams, Everett Cook <i>a</i>	Durham.

Name.	Residence.
Worster, Della Olivia <i>a</i> and <i>s</i>	<i>Dover.</i>
Worthen, Frank Fayette <i>a</i>	<i>Piermont.</i>
Yaxis, Themistocles George <i>a</i>	<i>Kingston.</i>

## SPECIALS.

Name.	Residence.
Hadley, Charles Harvey, Jr.	<i>Brooklyn, N. Y.</i>
Odiorne, Benjamin Gilbert	<i>Rye.</i>
Roberts, George Filmore	<i>Alton.</i>
Sanborn, Howard Weaver	<i>Sanbornton.</i>

## TWO-YEAR COURSE.

## Second Year.

Name.	Residence.
Bennett, Arthur M.	<i>Nashua.</i>
Bent, Horace V.	<i>Annapolis, N. S.</i>
Bodwell, Joseph Connor	<i>Sanbornton.</i>
Brown, Ernest Dwight	<i>Keene.</i>
Chadbourn, Aaron Willey	<i>Durham.</i>
Dole, Rockwell Merrill	<i>Proctorsville, Vt.</i>
Eaves, Louis Clifton	<i>Dublin.</i>
Ellsworth, Laurence E.	<i>Peterborough.</i>
Frizzell, Edward Reuben	<i>Durham.</i>
Griswold, Atherton	<i>Hancock.</i>
Hartshorn, Frank W.	<i>Meredith.</i>
Hazen, Allen E.	<i>Bethlehem.</i>
Henry, Norman Sargeant	<i>Durham.</i>
Leonard, James Basil	<i>Hingham, Mass.</i>
Mercer, Forrest Clinton	<i>Peterborough.</i>
Nyc, Frederick Isaiah	<i>Swampscott, Mass.</i>
Robinson, Howard R.	<i>Littleton.</i>
Samayoa, Julius	<i>Guatemala, C. A.</i>
Sargent, Raymond A.	<i>Newton.</i>
Sherburne, Ernest G.	<i>Pelham.</i>
Stearns, Clifford Dwight	<i>Hinsdale.</i>
Stetson, Charles N.	<i>Durham.</i>
Stevens, Leon V.	<i>Canaan.</i>
Wadleigh, Lewis J.	<i>Tilton.</i>

## First Year.

Baptiste, Alfred	<i>Durham.</i>
Bell, Charles E.	<i>Hollis.</i>
Blaisdell, Willis Stanley	<i>East Rochester.</i>
Brown, Horace Carlton	<i>Hollis.</i>
Chickering, Arthur Morgan	<i>Pembroke.</i>
Clark, Henry Howard	<i>Kingston.</i>
Davis, Wendell Philips	<i>Durham.</i>
Dennett, Jean Elwood	<i>Arlington, Mass.</i>
Eastman, Arthur Dearborn	<i>South Weare.</i>
Eastman, Thomas J.	<i>South Weare.</i>
Elkins, Harold David	<i>Hampton Falls.</i>
Field, Karl Satterly	<i>Ferrisburg, Vt.</i>
Gray, Edward Roberts	<i>Worcester, Mass.</i>
Haines, Ray Edward	<i>Lakeport.</i>

Name.	Residence.
Hall, Azel Storrs	Durham.
Harden, Edgar Arthur	No. Conway.
Henderson, Charles D.	Somerville, Mass.
Huntoon, Laurence Fred	Danbury.
Mitchell, Karl Perkins	Epping.
Mixer, Clarence Maxwell	Somerville, Mass.
Niemezik, George Arthur	Leipzig, Germany.
Ober, Frank Carroll	Ashland.
Philbrick, Horace Brown	Kensington.
Piper, Ralph Boutelle	Townsend, Mass.
Sherburne, Burton W.	Pelham.
Smith, Leslie Bernard	Ashland.
Steele, Philip Emerson	Stoneham, Mass.
Swasey, Fred Harold	South Berwick, Me.
Thomas, Reginald Robert	Lancaster.
Trow, Henry George	Plymouth.
Wear, Frank Gordon	Gilmanton.
Webster, Myrl Henry	West Canaan.
Whitcomb, Ernest B.	Lempster.
Wiggin, Ralph Minot	Bedford.
Wood, Browning Paton	Dover.

## TEN-WEEK COURSE.

Batchelder, Paul Emery	Hampton Falls.
Burpee, Francis A.	Peterborough.
Douglas, Lee P.	South Fairlee, Vt.
Downes, Maurice E.	West Andover.
Eastman, Fred	North Haverhill, R. F. D. 1.
Fontaine, Edwin S.	Peterborough.
Howe, Chester LeRoy	Watertown, Mass.
Kilburn, Homer E.	Andover.
Mills, Frank L.	Dover.
Pease, Leon B.	Wentworth.
Potter, Edward E.	East Concord.
Robinson, Guy M.	South Fairlee, Vt.
Shaw, Albert V.	Greenland.
Smith, Arthur C.	Hampton Falls.

## SUMMARY.

Seniors.....	26
Juniors.....	35
Sophomores.....	66
Freshmen.....	76
Students in Two-Year Course.....	59
Students in Ten-Week Course.....	14
Special Students.....	4
Students in One-Week Course.....	199
Total.....	479
Total (not including <i>One-Week Course</i> ).....	280







THIRTIETH REPORT OF THE BOARD OF  
TRUSTEES OF THE NEW HAMPSHIRE  
COLLEGE OF AGRICULTURE AND THE  
MECHANIC ARTS FOR THE TWO YEARS  
ENDING AUGUST 31, 1910.

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*To His Excellency the Governor and the Honorable Senate and House of  
Representatives of New Hampshire.*

DURHAM, N. H., September 1, 1910.

I have the honor of transmitting herewith the report of the New  
Hampshire College of Agriculture and the Mechanic Arts for the two  
years ending August 31, 1910.

Yours respectfully,

WARREN BROWN.

*President of the Board of Trustees.*



## REPORT OF THE PRESIDENT.

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DURHAM, N. H., September 1, 1910.

*Hon. Warren Brown,*  
*President of the Board of Trustees.*

SIR:—This biennial report contains the following:

First. Report of the president and heads of departments on the condition and needs of the college.

Second. Detailed statements as to the financial condition and transactions of the college from September 1, 1908, to August 31, 1910, including the annual reports furnished the United States government, covering the administration of the Morrill, Hatch and Adams funds. All financial reports have been audited by both the state and the college auditors and have been approved by the Board of Trustees. In addition, all reports of funds appropriated by the United States government have been approved by government officials designated for that purpose.

### RELATION OF THE STATE TO NEW HAMPSHIRE COLLEGE.

The success of a democracy depends upon the intelligence of its citizens. Education at public expense is, therefore, necessary in our form of government. Long ago the private schools, academies and colleges proved inadequate as a means of public education. Accordingly our system of state-supported schools, colleges and universities was formed and has now been in successful operation long enough to insure its permanency.

The New Hampshire College, established by Congressional act and maintained by state and federal appropriations, is, naturally and logically, therefore, the crown of the public school system of the state. Because of this position its work should be broad enough in its scope to include all of the industries and professions in which the people of the state are actively engaged. To render its fullest service, the work of the college should not be confined wholly to class-room and laboratory instruction at the college, but should be extended as well to farm, factory, trade organizations, business men's clubs—wherever it may have a helpful influence. College or university extension is now recognized the country over as a most necessary and important branch of college or university work. Urgent demand for lectures, demonstrations,

coöperative experiments and many other kinds of helpful service are continually being made upon the college by granges, and by local organizations of many sorts from all parts of the state. However, from lack of funds available for such purposes, these appeals must, for the most part, go unheeded. At present, therefore, the work of the college is limited, almost wholly, to the instruction of students in the several courses of study offered.

The college recognizes its responsibility to the state and aims to train its students for good citizenship and efficient service. Its standard of scholarship is high and its requirements for admission such as to admit, upon certificate or examination, graduates from the approved high schools and academies of the state. New Hampshire College is no place for loafers, rich or poor, neither is the institution an amusement resort where a student may spend his father's money for a "good time." The college does not give diplomas for "Good Fellowship" or athletic prowess. The policy of the institution is to insist upon faithful work and reasonable accomplishment. It strives to impart high ideals and to graduate students well equipped with that bodily and mental vigor and training necessary to their success in life.

Considered with reference to the economic and social needs of New Hampshire the work of the college ranks in importance second to no other state institution or enterprise. Without doubt the greatest need of New England in general, and of New Hampshire in particular, is the "conservation (development) of her natural resources." Mighty problems confront us. Manufacturing should be improved and encouraged; waste lands reforested; roads improved; waterways further developed; country life made more attractive and more satisfying, and the whole business of farming redirected and rejuvenated. This work calls for strong leadership. We have a few men now at work; but we need many more. The state could make no better investment than to provide her college liberally with funds, that it in turn might give to the young men and women of New Hampshire the best possible training for service. Natural resources can be conserved and developed only as we conserve and develop the youth of our land. The state college needs much to enable it to do its best work. It needs the hearty interest and coöperation of every citizen within its borders. It needs the loyal support of the legislature and the generous endowment of individuals. The college is anxious to make good and cannot fail to accomplish the work expected of it if the people for whom it labors enter enthusiastically into a study of its problems and needs.

#### THE NEEDS OF NEW HAMPSHIRE COLLEGE.

New Hampshire College is not standing still. It is growing faster than most people realize. In nine years the number of students has nered from one hundred and eleven to two hundred and seventy-

eight, twenty-two instructors have been added to the faculty, eight buildings have been erected and the entire work of the college organized, strengthened and made more efficient. Like all growing enterprises the institution has many needs which must be supplied if further growth and improvement are to be made. The college has no sympathy for its so-called friends who would be satisfied to have it stand still, abstain from making mistakes and glory in what it has done. It is easy enough and desirable enough to see what has been done, but it is absolutely essential that we be able to perceive what the college might do and what the college should do.

Growth and improvement is expected, and with the opening of each school year there is universal delight expressed with increased members, considered by most people as the one sure index of prosperity. Our friends must remember, in this connection, that increased attendance means more courses of study, more instructors, more laboratory equipment and more buildings and that these cost money and, in an institution giving training in technical subjects—science, agriculture and engineering—very large sums are necessary to provide shops, machinery, livestock and laboratories which are absolutely necessary.

One of the greatest needs at the present time is an engineering building. The departments of mechanical and electrical engineering, drawing and physics are housed in three different buildings in the same space they occupied seventeen years ago when there were less than one tenth as many students as we now have in these departments. For several years students have been turned away from the course in chemistry because of lack of laboratory room, only six men being admitted to the course each year. Further, advanced work in chemistry is denied students in agriculture, engineering and general science for the same reason. The science building (Conant Hall) should be devoted wholly to chemistry as would be the case were an engineering building erected. A domestic science department should be established at once, but it is impossible at present owing to lack of room. With the drawing rooms, which are now overcrowded, removed to an engineering building, space would be available for domestic science. Further, it is impossible, with the large number of students, to continue to give efficient instruction in the present cramped and overcrowded engineering laboratories, drawing and class rooms.

The housing of students has grown to be a serious problem. Several houses in Durham have recently become available as student quarters, but many of the rooms are not altogether desirable. While there are many objections to the dormitory system it will become necessary in a very short time if the numbers of students increase.

Suitable houses for professors are scarce. Every such house available in Durham is now occupied and one of the instructors lives in the neighboring town of Madbury.

The college buildings are now well supplied with excellent water, but the scarcity of water in the village is the cause of much concern. It is a question whether or not the college should undertake coöperation with the citizens of Durham looking toward improvement in this direction.

One of our most urgent needs is increased salaries to enable professors to live comfortably and appropriately in these times of high prices of the necessities of life. Salaries have remained the same although living expenses are from one third to one half more than formerly. The established policy in this matter has also caused the loss of many valuable men in recent years.

Strong demands are being made for several new courses, especially in domestic science, forestry, poultry husbandry and in education, all of which should be established.

The agricultural department must have a new horse barn to take the place of the old one destroyed by the relocation of the railroad tracks. The department also needs a piggery. Also appropriations for agricultural extension work, more livestock, and for the printing of station publications.

Several additional instructors are very seriously needed.

With the increase in number of buildings maintenance expenses are increasing rapidly and it must be remembered that federal appropriations cannot be used for this purpose.

The one great danger to the college welfare at the present time is that people not familiar with the real financial needs of the institution may think that the income of the Thompson fund (available this year, 1910) will meet all the requirements of the college and that further state appropriation will be unnecessary. It must be remembered first, that the Thompson income *is not a state appropriation and cannot be considered as such in any sense of the term*; it is the income from securities given the state by Benjamin Thompson and is not derived from taxation. Second, that the Thompson fund income is not even sufficient to take care of the normal growth made by the college in recent years. Third, that private benefactions should be welcomed as supplementary to state aid, but not to take the place of it. It is inconceivable that a state should withdraw sustenance from its lusty infant and turn it out to grass on the public thoroughfare. Fourth, that it was never Benjamin Thompson's wish to relieve the state of the expense of the higher education of her sons and daughters, only to assist and encourage what he believed to be the most important work the state could undertake.

In order to take care of some of the more important needs of the college enumerated above, the incoming legislature should provide for a suitable engineering building to cost \$80,000. This estimate being made by a reliable contractor on plans drawn by a competent architect

after consultation with college authorities as to the *actual* needs. The sum of \$5,000 should be provided for a new horse barn. The maintenance charges, increasing every year, must be met and, besides increases in salaries, some new courses, additional instructors, and the establishment of departments of forestry, domestic science, poultry husbandry and agricultural extension are highly necessary. An annual appropriation of \$40,000 would enable the college to meet most of the above and some other minor necessities not mentioned. This would mean an appropriation of \$125,000 for the first and \$40,000 for the second year of the biennium. This sum is urgently needed and must be provided if the college is to go forward and do its work well. Everybody expects the college to grow in usefulness with each succeeding year as it has done in the past. What is needed is wide appreciation of the real needs of the college. Students, alumni, trustees and friends of the college everywhere who believe in the conservation and development of the state's resources through the higher education of her young men and women should lose no time in acquainting our lawmakers and others with the facts.

#### STATE EXPENDITURES.

A study of the chart on page 8 reveals some interesting facts with reference to the nature of public outlays for the nine-year period—1900 to 1909.

During this period the state appropriated six times as much money for the insane, the defectives, the dependents, the state prisoners, and on the state militia and armories, all non-productive classes, as she spent on higher education at the State College and at Dartmouth College. Money spent for higher education, it must be remembered, is not an expense, but a productive investment which yields abundant returns. It will be observed that the amount spent on defective children alone, exceeds by one and one-half times the total amount appropriated to the State College. It will be observed also that twice as much was spent on the State Militia and armories as on the State College, more in fact by \$58,000 than was spent on the State College and Dartmouth College combined. For the cost of dependents no individual or administration is responsible. It is a condition laid upon us and its burden will increase, but it should not constitute much longer our principal public outlay.

Is it a wise policy for the state to appropriate so much for non-productive and so little for productive purposes? It would seem that the development of the state and its resources is the best defense against the crushing burden of the dependents. *Every time we put down a dollar to care for the defective, dependent and non-producing classes, let us put down another dollar to develop the state in the person of its best citizens, its natural resources and its productive industries.*

COMPARATIVE AMOUNTS OF PRODUCING AND NON-PRODUCING STATE OUTLAYS TOTALS FOR NINE YEAR PERIOD — 1900 — 1909.	
INDIANS. \$ 1117,704. 22	Non-Productive.
MILITIA AND ARMORIES \$ 42,426. 17	
DEFECTIVE CHILDREN \$ 360,215. 95	
DEPENDENTS NOT DEFECTIVE \$ 357,703. 73	
STATE PRISON \$ 58,869. 31	
NEW HAMPSHIRE COLLEGE. \$ 224,000. 00	Productive.
DARTMOUTH COLLEGE. \$ 160,000. 00	

STATE APPROPRIATION AVAILABLE FOR RUNNING EXPENSES TOTALS FOR NINE YEAR PERIOD — 1900 — 1909.	
DARTMOUTH COLLEGE. \$ 160,000. 00	
NEW HAMPSHIRE COLLEGE \$ 104,500.00	

New Hampshire has reached the time when the chief public concern is not for economy in the sense of non-expenditure, but it is development, which means the judicious use of a reasonable amount of money to increase the producing power and the wealth of the state.

#### DEPARTMENT OF MATHEMATICS.

The most pressing need of the department is for additional teaching force. The head of the department is carrying fifteen hours of teaching per week, an amount which is supposed to represent a full professor's work. One of his classes contains thirty-six students and, of course, ought to be divided at once. In addition, the work of the dean's office consumes a large amount of time while student correspondence, work on financial reports, etc., leave no adequate time for personal affairs.

At least one half the time of an additional instructor is absolutely essential for the work of another year. One hundred dollars should be allowed the department for apparatus.

The time of the assistant professor of mathematics is already fully occupied, so that no relief can be expected in that direction. Salaries in the department should be advanced as soon as the finances of the college will allow. No advance has been made, notwithstanding the great increase in living expenses during the last decade.

C. H. PETTEE,

*Dean and Professor of Mathematics.*

#### DEPARTMENT OF HISTORY AND POLITICAL ECONOMY.

It is not necessary to say much about the needs of the department of history and political economy, since it must be assumed that those needs are well understood and are to be among the first considered.

The department was established fifteen years ago when the college had fifteen instructors and fewer than a hundred students. It is not equal to the demands of the present college with more than thirty instructors, and with nearly three hundred students.

It should be considered that in this college during those fifteen years the time given to the study of American History has been doubled, and the courses in European History have been raised from a high school grade to a college grade.

It is to be considered, also, that although the department offers thirteen courses in American History, American Literature, American Constitutional Law, Business Law, Political Economy and European History, it should offer several additional courses. In particular there is great need of more courses in history. In the high schools much time is now given to that subject. Some students are coming here with the intention of becoming teachers of history. Hence, there are excellent

reasons for increasing the number of courses given. The courses in American History are fairly adequate, but the work in European History should be increased so as to make some provision for Ancient History and for English History.

Within a short time the number of those taking the courses of the department has greatly increased. Twice within two years has there been a class of fifty taking one of the courses in political economy. Twice within a year has there been a class of nearly forty in European History.

These statements will probably be considered a sufficient reason for urging that no one person can properly perform the work of the department.

C. W. SCOTT,

*Professor of History and Political Economy.*

#### DEPARTMENT OF CHEMISTRY.

The chemical department is in as flourishing condition as could be expected with the facilities and space available for use. Little can be added to the report made two years ago, which covers our present needs, the state having provided no further facilities during the interim.

The laboratories are crowded beyond their normal capacity and we are still obliged to limit the number of students taking the chemical course to six men from each class. We are greatly in need of more room and even if the whole of the present building now occupied by our department, the department of electrical engineering and the department of physics were turned over to our use, we could barely meet the demands put upon us. No student in the mechanical, electrical, agricultural and arts and science courses can be given any advance analytical work so much needed by them simply for the reason that we have not desks in the laboratory available for use.

In spite of the disadvantages named we are turning out each year six graduated chemists who in every instance are almost immediately placed in good positions. During the last six months the department has had a demand for at least ten men where it could supply one, which in itself is a fair commentary upon the class of men that are graduating from the chemical course. There are no graduates of the department unemployed.

The specific needs of the department are, therefore, more space and lecture rooms in order to meet the demand put upon us. When this space becomes available it will, of course, also be necessary to have funds to supply the desks and apparatus therefor. If funds for an engineering building are provided, the present building can be utilized throughout for the chemical department and an appropriation should

be secured for fitting up the laboratories after this space becomes available. I am

Respectfully,

CHARLES L. PARSONS.

*Professor of Inorganic Chemistry.*

#### DEPARTMENT OF AGRONOMY.

The division of the agricultural department into the departments of agronomy and animal husbandry in 1908, has unquestionably resulted in greater efficiency and more concentration of effort along the two respective lines of work. The agronomy department has made a good vigorous growth during its two years of separate existence and in equipment and courses offered, compares very favorably with similar departments in much larger institutions. During the past two years some valuable pieces of apparatus have been added to the equipment for studies in soil physics and farm mechanics, including a new soil compacting machine, aspirator, evaporimeters, drainage levels, plane tables and grade-draft apparatus; a seed testing laboratory with a large germination chamber and other conveniences has been fitted up; a complete card index system for filing correspondence, experimental data, negatives and photographs has been installed; additional machines have been added to the farm machinery room and considerable new illustrative material has been provided for the work in farm crops.

With the assistance of Mr. W. L. Slate, Jr. (O. S. U. '09), the department gave instruction in thirteen courses during the year 1909-'10. The courses with the number of students in each were as follows:

FIRST SEMESTER.		
<i>Course</i>		<i>No. Students</i>
Agronomy	1.....	8
Agronomy	5.....	4
Agronomy	31.....	35
Agronomy	32.....	11
Mathematics	31.....	25
SECOND SEMESTER.		
Agronomy	2.....	11
Agronomy	4.....	10
Agronomy	6.....	4
Agronomy	7.....	4
Agronomy	33.....	10
Agronomy	34.....	22
Agronomy	50.....	14
Agronomy	51.....	14

The department, however, in common with most other departments of the college, has some urgent needs. A notation of these is as follows:

1. Suitable land for field crop experiments.
2. A small plant house for soil fertility work.
3. Equipment for a soil fertility laboratory.
4. Additional equipment for the course in farm mechanics.
5. A second assistant for both the increased teaching and experimental work.

Commenting briefly upon these needs it may be said that the land of the present college farm is so ununiform as regards drainage, topography, soil and underlying rocks that it is impossible to conduct satisfactory field tests. It is highly pertinent, therefore, that a few acres of land suitable for the accurate testing of field crops, be either purchased or leased. There is no line of agronomy work more fundamental and at the present time more interesting and important than that of soil fertility, and in order to keep pace with modern developments a course of study with supplementary laboratory work should be introduced. With the constant addition of new implements and machinery for farm use, and the increasing demand for various kinds of motive power on the farm, together with the construction of modern farm buildings, the subject of farm mechanics is beginning to assume a relatively important place in the agricultural curricula. In order to execute the proposed work of the department and to make this work most efficient with the largely increased size of classes, it is imperative that an additional teaching force be provided.

Another need, not of this department in particular, but of the agricultural department in general, is a suitable and permanent meeting place for the three agricultural societies,—namely, the Agricultural Club, Alpha Zeta Fraternity and the Alpha Tau Alpha Society of the two-year students. The first named organization has already anticipated a new room by soliciting and subscribing funds for furnishing it when secured. The third story of Morrill Hall if fitted and furnished would make excellent quarters for these societies and it is hoped that the trustees will, in the very near future provide sufficient funds for the purpose.

Our Farmers' One-Week Course is proving to be one of the most popular and successful means of getting the farmers of the state in touch and in sympathy with the work of the college. This course was conducted this year on larger and broader lines than it was in 1909 and next year we hope to still further enlarge its scope and usefulness. To maintain the course on the basis which its importance justifies, an annual appropriation of at least \$300 should be made.

As soon as an additional teaching force can be provided it is planned to make three divisions of the agricultural course after the sophomore

year. These divisions would admit of more specialization and would give the students an opportunity to elect work along the particular line of agriculture in which they are most interested and for which they have the best preparation. These divisions will most likely be (1) agronomy; (2) animal husbandry and dairying; (3) horticulture and forestry.

The following table, showing the number of students enrolled in all agricultural courses for the past sixteen years and the itemized enrollment for the present year in these courses, will indicate something of the growth of this division of the institution:

1895-96.....	9 students
1896-97.....	20 students
1897-98.....	27 students
1898-99.....	34 students
1899-00.....	54 students
1900-01.....	59 students
1901-02.....	64 students
1902-03.....	49 students
1903-04.....	54 students
1904-05.....	59 students
1905-06.....	68 students
1906-07.....	62 students
1907-08.....	51 students
1908-09.....	72 students
1909-10.....	95 students
1910-11.....	122 students

#### Registration in Agricultural Course November 1, 1910.

Freshmen.....	20
Sophomores.....	16
Juniors.....	5
Seniors.....	5
1st year two-year.....	35
2d year two-year.....	24
Special.....	3
Dairy.....	14
	<hr/>
	122

The agricultural division which includes the departments of agronomy, animal husbandry, dairying and horticulture, is growing and developing rapidly and in proportion to the increased growth just in that proportion are increased funds needed for maintenance and further development.

F. W. TAYLOR,  
*Professor of Agronomy.*

## DEPARTMENT OF PHYSICS.

At the present time the number of students registering for the sophomore course in physics is such that six more settees with arm rests are needed to properly seat the class, so that notes may be taken. An additional room should be provided with curtains or shutters for darkening it.

For lecture and laboratory apparatus there is an immediate need of an expenditure of at least \$1,200, to be divided approximately as follows:—Mechanics, \$90; heat, \$250; light, \$300; sound, \$60; electricity and magnetism, \$500.

This new equipment is made absolutely necessary on account of the large classes registering for the laboratory courses, and only in a few cases does it represent a duplication of apparatus.

This apparatus may serve for lecture purposes as well as experimental, and is made up as follows:—New sets of metric weights for analytical balances; two sets of metric weights in kilograms, etc.; one set English weights; one rough balance weighing to several kgs.; one Amsler planimeter; one set of verniers, calipers and micrometers; air thermometer, Boyle's law apparatus, thermometry apparatus, specific heat, and latent heat of steam, tuning forks, sonometer, standard resonance pipes, photometer screen, standard lamps, direct vision spectroscope, goniometer, multipliers, standard resistances, galvanometers, Clark cells, potentiometer, condenser switches, standard cells of different types and a small motor.

For raw materials and labor, \$100 is needed for the remainder of the present year.

Not less than \$1,500 should be immediately set aside, for the use of this department, to be expended as suggested above, and excepting a small amount for labor, practically all of this sum may be used in such a way as to be available for equipment at such a time as a new engineering building is ready for occupancy.

I trust that the demands made upon this department by the other departments of the college may no longer remain unheeded.

Respectfully submitted,

A. F. NESBIT,  
*Professor of Physics.*

## DEPARTMENT OF MODERN LANGUAGES.

There is an increasing demand for courses in the department. This year we have met the demand only partially, by giving two hours instruction each week in second-year French, and two hours in third-year French, instead of the three hours scheduled in the catalog. Although this enabled us to give one extra course, the results are not satisfactory.

Besides this, Spanish could not be given this semester, because of the limited instructing force.

I recommend, therefore, that the department be given an additional instructor, who shall teach three hours per week in French, three hours in Spanish and nine hours in German. This would then relieve Professor David and allow him to devote his whole time to English.

In conclusion, permit me to express my commendation of Mr. Telesphore Taisne, instructor in French, and Professor David, assistant in German.

Yours truly,

RICHARD WHORISKEY,  
*Professor of Modern Languages.*

#### DEPARTMENT OF DRAWING AND MACHINE DESIGN.

Since the last biennial report was issued, the number of students electing drawing has greatly increased both in the engineering and agricultural courses.

The present equipment of drawing tables and stands used in the freshman drawing room is wholly in use and at the present time, through the courtesy of the horticultural department, we are using eight drawing stands taken from the landscape gardening drawing room. These drawing tables are not suitable for mechanical drawing work and should be replaced by fifty substantial tables bolted to the floor. These could later be transferred to the new engineering building as soon as one is built, and the present equipment used in the free-hand drawing room and for other purposes.

The equipment in the senior drawing room which is also used by the sophomore classes must be increased at once and should accommodate forty students.

The department has at present five cases for drawing boards and student supplies, each with fifteen lockers. These cases are all master-keyed and are very satisfactory. Two more of these cases will be needed next year, as at present, many of the lockers are used by two students.

The department has been very fortunate the past year in securing the loan of several complete machines and engines as well as the gift of many machine parts. These models are used not only in mechanical drawing but in the subjects of mechanism and kinematics of machinery.

There is an excellent basement under the freshman drawing room where it would be easily possible to set up a line of shafting and so run these machines for purposes of class instruction. For this is needed a three-horse-power electric motor and the necessary shafting.

This addition to the equipment of this department is one that is

greatly needed and is one that would prove of great value in practically demonstrating the mechanisms of machines.

The department has within the last year equipped a catalog case with up-to-date machinery catalogs which are used for reference in the machine design classes. A blue print filing case is needed greatly and I hope may soon be added to the equipment.

The classes in freshman, sophomore and second-year two-year courses are increasing so rapidly in size that there is imperative need for an additional instructor in this department. Several of the other departments are now obliged to divide the classes into divisions for recitations and this makes it necessary to have the same number of divisions in drawing. This causes frequent conflict in the drawing classes, so that several sections in different classes are obliged to use the drawing room at the same time.

FREDERICK W. PUTNAM.

*Professor of Drawing and Machine Design.*

#### DEPARTMENT OF BOTANY.

I beg to present the following report of the condition and needs of the department of botany.

The botanical work has been greatly benefited by the use of the greenhouse recently turned over to the department. Slight additions to the equipment of this house would add much to its value in both station and college work.

The department has no physiological apparatus, thus making it difficult to give physiology proper consideration in the courses in general botany and impossible to give satisfactory laboratory work in a course in plant physiology. A subject which should receive a great deal of attention in an agricultural college is thus practically shut out for want of apparatus.

The department is also in need of charts, models and apparatus for use in its various courses. One of its special needs is a stereopticon. Many subjects can be at best but poorly presented without the use of the lantern in lectures.

The supply of laboratory tables is not sufficient to meet the present demands satisfactorily. The probable increase in the number and size of the classes makes it essential that additional laboratory furniture should be purchased before the beginning of another year.

The quarters recently vacated by the dairy department have furnished a much needed opportunity for the expansion of the botanical work and will make it possible to conduct recitations and laboratories in advanced classes without interfering with the experiment station work. The rooms need to be replastered and supplied with gas and water.

It is difficult to accommodate the present number of students at lectures and any increase in this number will make it necessary to provide a larger room for lecture purposes.

The increasing demand for instruction in bacteriology, plant physiology and other advanced subjects together with the large number of students in general botany makes it impossible for the department to meet its teaching demands without greatly neglecting its station work. The entire time of another instructor is needed in order to properly handle the college work.

CHARLES BROOKS.

*Professor of Botany.*

#### DEPARTMENT OF HORTICULTURE.

The department of horticulture reports progress along the following lines:

1. *Changes in and additions to courses.* The number of courses now open to students in horticulture in the four-year course is fourteen, as compared with seven in 1908-'09. These courses are so arranged as to give fundamental horticultural instruction to all students in agriculture, and to permit of specialization for those who desire to do so. Four courses in horticulture are given for two-year students in agriculture.

2. *Changes in and additions to teaching staff.* Besides the head of the department there are three instructors, ranking as assistants in the several branches of horticulture, *i. e.*, pomology, landscape gardening and floriculture, and vegetable gardening. The changes are as follows: In February, 1910, W. H. Wolff, M. S. (Pennsylvania State), succeeded Mr. W. H. Wicks, as assistant in pomology, Mr. Wicks having accepted a position as professor of horticulture in the University of Idaho. In July, 1909, T. G. Bunting, B. S. A. (Ontario Agricultural College), was appointed assistant in vegetable gardening. After a year of very satisfactory service, Mr. Bunting resigned to accept a position with the Canadian government, and was replaced in September, 1910, by J. J. Gardner, B. S. (Massachusetts Agricultural College).

3. *Special features.* In 1909, a team of three students from the class in Horticulture 11, Systematic Pomology and Commercial Orchardng, won a handsome silver trophy in a fruit-judging contest between teams of students from the various New England Agricultural Colleges and ranked second in a fruit-packing contest. These contests were held at the New England Fruit Show in Boston. In 1910, at a similar contest, held in Manchester, N. H., two students from the college ranked first and second respectively in judging, the team winning second place.

4. *Correspondence and other work of department.* The amount of correspondence is very large and is rapidly increasing. The most

important, though not the most voluminous part, consists in replies to requests for information on various subjects connected with horticulture. Many persons have become regular correspondents, owing, I am convinced, to the fact that painstaking care is exercised in replying to every individual inquirer. The writer estimates the inquiries received by this department at eight hundred during the past year, and calls attention to the importance of this means of popularizing the college among the people of the state.

5. The members of the staff of the department have addressed six farmers' Institute meetings, ten Grange meetings, ten meetings of other organizations, and have taken an active part in the furthering of the horticultural industries of the state whenever opportunity permitted during the past twelve months.

#### NEEDS OF THE DEPARTMENT.

I recommend:

##### 1. *Assistance in Instruction and Administration.*

a. That the work in landscape gardening and greenhouse management be divided, one instructor being placed in charge of each branch.

b. That a graduate student be appointed as student instructor at a salary of \$500 per year, with an opportunity to secure the degree of Master of Science in two years from the time of his appointment.

##### 2. *Equipment.*

Boiler for greenhouses.....	\$450.00
Addition to present potting and work-house connected with greenhouses.....	575. 00
Cool and cold storage house for fruits and vegetables with packing rooms and other facilities for student instruction and demonstration.....	4,500.00

Attention is called to the fact that no money has been expended in permanent improvements in the department of horticulture for three years and the above items are immediately essential to a reasonable development of the work.

##### 3. *Scientific apparatus, instruction and incidental expenses.*

The sum of three hundred dollars is needed for these purposes, fifty more than was appropriated in 1909-'10.

##### 4. *Stenographic help.*

Stenographer for 10 months at \$40 one third to be charged to college accounts.....	\$133.33
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##### 5. *Library.*

The present appropriation to be continued.

## REPORT OF DEPARTMENT OF FORESTRY.

Two courses in forestry have been given during the past year, *i. e.*, Forestry 1 and Forestry 31. In 1908 and 1909 additional courses were given to special students in aboriculture and in forest nursery management.

The demand for instruction in forestry is very large and it is with regret that I find it necessary to curtail the number of courses offered in this subject. It is impossible to do justice to the courses in horticulture and at the same time give satisfactory instruction in forestry.

In my annual reports of the last two years I have strongly urged the appointment of an instructor in forestry. I feel that the college is losing an opportunity that probably cannot later be regained by failing to make such an appointment.

## ROADS AND GROUNDS.

Walks, roads and grounds have been kept neat and in a fair state of repair during the past two summers. In the way of permanent improvements a great deal of grading has been done about Smith Hall, and a new walk constructed along the front of the main college campus. It has been found impractical to do any planting of any account, owing to want of money for the purpose.

I would make the following recommendations:

First, that all the money that can be secured for grading be obtained. It would be difficult to estimate the cost of the grading needed on the grounds at the present time. An unlimited sum might be spent to advantage. The most practical method of handling the grading proposition is probably to spend yearly the sum of \$1,200 for this purpose and to continue the expenditure until the work has been completed.

For the maintenance of grounds, \$1,000 per year is needed; for planting, \$300; and for concrete walks and permanent driveways an expenditure of \$1,000 per annum for a period of four years.

B. S. PICKETT.

*Professor of Horticulture.*

## DEPARTMENT OF ENGLISH AND PHILOSOPHY.

Since the last report, the number of students electing courses in English and philosophy has considerably increased. This increase has been greatest in the course in psychology. Two years ago the work of the department was seriously handicapped because of insufficient teaching force. With more students to care for, the difficulty of the department has been augmented, and it has been necessary to withdraw courses offered in the present catalog. This condition has been

dissatisfying to many of the students, and, if continued, will retard the natural growth of the Arts and Science Course.

I, therefore, recommend that Professor David give his full time to English instruction and that the department of English and philosophy be divided into the department of rhetoric and literary criticism and the department of English literature and philosophy, the division to be based upon the courses offered in the present catalog by Professor David and myself. Professor David's excellent service entitles him to full responsibility for the courses given by him, and the division of the department will prove advantageous to the college.

In any case there is imperative need that Professor David be no longer required to carry courses in the modern language department.

E. R. GROVES,

*Professor of English and Philosophy.*

#### DEPARTMENT OF MECHANICAL ENGINEERING.

I have the honor to submit the following in regard to the condition and needs of the mechanical engineering department.

At present, the department consists of a professor of mechanical engineering, and two shop work instructors, who also act as mechanics for the college. The head of the department is expected to give instruction in twenty-four semester hours of work during the fall, and twenty-one semester hours of work during the spring. By temporary arrangement he is relieved of a small portion of this work at the present time, but he still operates at 50% overload.

In a material way, the department has the following: Our wood shop is well equipped, and lacks only a universal saw and some hand tools to make this equipment all that could be desired.

Our machine shop is inadequate to the service expected of it, and most of its equipment is now obsolete, although the shop possesses a few good tools. This shop has not room to accommodate all the tools which ought to be in it. The blacksmith shop equipment is fairly satisfactory, in view of the short time which we can devote to this subject. The mechanical laboratory equipment is very meager, although splendid work is being done with the scanty resources which we have at hand. This part of our equipment is the least satisfactory.

The needs of the mechanical engineering department are: first, an assistant professor of mechanical engineering in order that the quantity of instruction demanded of the head of the department may be reduced to reasonable limits; second, about \$5,000 worth of new tools for the shops; third, about \$8,000 worth of equipment for the laboratory, and fourth, some more floor space for the machine shop and laboratory.

The equipment needed in the machine shop comprises three or four modern lathes, two new shapers, a vertical spindle boring mill, a hori-

zontal spindle boring mill, and a universal milling machine. The wood shop needs a universal saw and some small tools. The blacksmith shop needs a power hammer and electric motor.

The needs of the mechanical laboratory are a high pressure steam boiler with a stoker, a steam turbine, a centrifugal pump, a Corliss engine arranged for experimental work, a common slide valve engine arranged for experimental work, and a larger equipment of good weighing and measuring apparatus, indicators, hydraulic measuring apparatus, etc.

Very truly yours,

FORREST E. CARDULLO.

*Professor of Mechanical Engineering.*

#### DEPARTMENT OF DAIRYING.

With the new dairy building completed and with the commercial creamery, the farm dairy laboratory and the milk testing and milk inspection laboratory thoroughly equipped with the most sanitary and most efficient machinery, and with an abundance of milk and cream always at hand for demonstration and practice work, the department is in a position to give more efficient instruction in dairying than it ever has been in the history of the institution.

The dairy bacteriology laboratories, the cheese laboratory and the market milk division have not been equipped due to a lack of funds. Dairy bacteriology is fast becoming the fundamental division of all dairy instruction. The farm department has this year established a milk route in the village and is in daily need of the market milk division fully equipped for bottling and handling milk. Therefore, one of the urgent needs of the department is sufficient funds for equipping the dairy bacteriology division, the market milk division and also the cheese laboratories.

The most urgent need of the department is additional assistance on the instructional staff. It should be remembered that the work of the dairy department covers the following distinct divisions: Market milk, dairy bacteriology, buttermaking, cheese making and ice cream making. With the rapid increase in the number of agricultural students, especially the two-year students, it is impossible for one man to give all the instruction in the laboratories and in the class room. With a class of thirty-six two-year men it is necessary to divide the class in two sections in the laboratories which doubles this phase of the work. Furthermore the short courses, the ten weeks' dairy school and farmers' one-week course, call for a large amount of dairy instruction. It is utterly impossible for one man to give the fundamental courses as outlined at present, not to think of giving instruction in advanced courses for a number of students wishing to specialize in dairying.

It is especially urged that as soon as possible a dairy bacteriologist be connected with this department, as the understanding and appreciation of dairy bacteriology is essential for the most successful teaching of other dairy subjects.

Further, if it is desired that the dairy department shall carry on Experiment Station work, provision should be made for having bacteriological work done.

FRED RASMUSSEN,  
*Professor of Dairying.*

#### DEPARTMENT OF ZOOLOGY.

I beg herewith to submit my first annual report as professor of zoölogy. Since my duties in this capacity began September 1, 1910, a report of the work accomplished will necessarily be brief.

The courses offered in the department fall naturally under two heads:—(a) Those courses arranged to meet the needs of agricultural students who desire a practical knowledge of zoölogy as applied to their particular line of work. (b) An arrangement of courses to meet the needs of students desiring a broad, scientific knowledge either to train them as teachers, or to complete their general scientific education.

Of the primarily economic courses offered may be mentioned, Economic Entomology (Zoölogy 3) under the personal supervision of Professor O'Kane, station entomologist, Economic Zoölogy, (Zoölogy 5) dealing with parasitic diseases of domesticated animals, Economic Ornithology and Mammalogy (Zoölogy 6) or a study of beneficial and injurious birds and mammals; and evolution, dealing with the principles of heredity, variation, and other questions of stock breeding.

Students desiring a more general scientific knowledge of the subject can arrange courses including general zoölogy, systematic zoölogy of the invertebrates and vertebrates, and the evolution and distribution of local fauna. The department is also prepared to offer courses in pure and comparative anatomy, physiology and embryology to such students as desire to qualify themselves for a medical college.

Needs of the department:—At present one of the most urgent needs of the department is a lecture room fitted with lantern and projection apparatus. This will largely take the place of more expensive models and charts, and is essential in order to carry on first-class work in zoölogy. At present the lectures are held in the museum, and as we already have insufficient seating capacity, expansion of the museum is impossible.

A second need of the department is in the development of the museum. This is also indispensable to good work in zoölogy, and at present the museum is of little value owing to its crowded condition. Two or three glass cases should therefore be provided, together with suitable means for mounting and handling the specimens.

The present instructing force is barely sufficient to handle the classes in zoölogy, and but little time can be spent in developing the collection. For this reason a student assistant should be appointed whose duties would be to assist in mounting and taking care of museum material.

C. F. JACKSON.

*Professor of Zoölogy.*

### HAMILTON SMITH PUBLIC LIBRARY.

The library records show an increase of about two thousand volumes since the report in 1908, the figures being as follows:

September 1, 1910

Volumes in Consolidated library..... 26,390  
(college and town)

Volumes in New Hampshire College library..... 16,370  
Periodicals and newspapers regularly received..... 150

The books of the town library form, naturally, a more general reading and reference library, while those belonging to the college, selected with special regard to the courses of instruction, include the more technical and specialized working collections for the various departments. The college reading room is well supplied with general and popular periodicals and at least seventy-five or eighty of the more important scientific journals are to be found in the different department reading rooms.

It is probable that, with increased college registration, it will be necessary, in the near future, to furnish one or more of the rooms provided for seminar use in the library building; but we have, of course, ample accommodation for the housing of the collections for many years. The most urgent need of the library, at present, is for an increase in the annual appropriation which will allow a much larger amount to be applied to the purchase of books and periodicals. In these days of discoveries and rapid developments in science, periodicals and current publications are a practical necessity in the work of instruction, and, it is safe to say, they are never inexpensive.

Respectfully submitted,

MABEL HODGKINS,

*Librarian.*

### ANIMAL HUSBANDRY DEPARTMENT.

The library of the department has been increased by new volumes of Herd Books of the various breeds of livestock as well as by volumes on special subjects. Recently the entire set of Herd Books of the Dutch Belted Cattle Club was received. New lantern slides have been added to the collection and a number of veterinary, pathological and anatomical specimens have been received, for class room demonstration.

This department has a good lecture room and a very good livestock judging room, but it is urgently in need of more livestock for demonstration purposes. Of certain classes of livestock, such as swine, poultry, and beef cattle, we have no animals at all. Of the principal breeds of dairy cattle we have a few good representative animals, but not a sufficient number for class room work. The following breeds of sheep are well represented: Shropshire, Hampshire, Southdown, Merino, Leicester and Dorset.

It seems very necessary, therefore, that more livestock be added to the college herd. We should have more animals of the dairy breeds, representative animals of the beef breeds, breeds of hogs and poultry as well as good animals of several of the important breeds of horses.

Having been here but a month I am hardly in a position to report more fully on the needs of the department.

Respectfully submitted,

O. L. ECKMAN,

*Assistant Professor of Animal Husbandry.*

#### FARM DEPARTMENT.

In the spring of 1909 this department of the college was formed by placing the management of the farm and the college herd under one head. Since September, 1911, this department has been under the supervision of the Experiment Station.

The college farm comprises a little over 300 acres, about seventy acres of which are covered with a fine growth of timber, mostly pine and hemlock. About thirty acres are included in the college campus and athletic field; about twenty acres are used by the horticultural department; about eight acres by the agronomy department; not far from twenty-five acres are set aside for the use of the animal husbandry department of the station. In addition, a little over twelve acres consisting of four acres of pasture land and about eight acres of the best tillage land on the farm, have been converted to the use of the Boston & Maine Railroad, the proposed changes in the location of their tracks rendering it necessary for the railroad to cross the farm land. This leaves about 135 acres, consisting approximately of forty-five acres in pasture and ninety acres in tillable land, for the use of this department.

There was harvested upon the college farm this season about 140 tons of hay, oat fodder, oats and peas and cured Hungarian, 200 tons of corn silage, 100 bushels of oats and about 500 bushels of corn.

The much needed repairs have been made in our dairy barn so that today we have an up-to-date, sanitary stable. A substantial cement manure shed has been constructed and a litter carrier equipment installed, which will undoubtedly prove of great value to the barn and farm.

The extension of the work conducted by the agronomy and horticultural departments of the station necessitates the use of larger areas of the college farm each year. For this reason, if for no other, the farm should be enlarged by the purchase of thirty to forty acres of tillage land of a uniform character on which such experiments could be conducted.

The college herd numbers thirty-eight head consisting of twenty-two cows, thirteen neat stock and three mature bulls. Four different breeds are represented, the Holstein, the Ayrshire, the Guernsey and the Jersey.

The college farm is best suited for dairy purposes and since the production of dairy products is the most important branch of New Hampshire agriculture, it seems fitting that the college farm, while performing its mission to the college and station, should be developed into a model dairy farm. The college herd is much too small. At least twelve more cows, good representatives of the four leading breeds, should be added to the present number.

This department has five horses, consisting of one pair of excellent young horses and three aged horses, one of which is of very little value. Perhaps the most urgent and immediate need of the farm department is a new horse barn and a proper building for the housing of wagons and farm implements. Such a building is made necessary, not alone from the fact that our old horse barn is in poor condition, but more especially from the fact that the land on which this old barn stands has been granted to the railroad by right of eminent domain.

One of the serious problems that confronts the New Hampshire farmer today is the cost of supplying suitable draft horses for farm work. The station should assist in solving this problem and for that reason this barn should be so arranged and of sufficient size that breeding pens may be built for carrying on such work.

Another urgent need of this department is the erection of a piggery and the procuring of pure bred hogs of approved breeds. At present there are no hogs kept on the farm, owing to the fact that we have no place to house them.

At present quite a portion of the milk from the college herd is sold to the student boarding clubs and others connected with the college, the remainder being taken to the college creamery. A new dairy building has been erected the past year. One wing of this building was designed and intended for the production of certified milk. This wing should be equipped with up-to-date machinery for that purpose, thus affording the dairy students an opportunity to become familiar with such work, and also making it possible for the farm and station to demonstrate the advisability of producing certified milk.

J. C. KENDALL.

C. W. STONE.

# FINANCIAL REPORTS.

## TREASURER'S REPORT.

*To the President and Trustees of the New Hampshire College of Agriculture and the Mechanic Arts:*

Your treasurer respectfully submits his report for the period from July 2, 1908, to July 2, 1909.

WALTER M. PARKER, treasurer, in account with the New Hampshire College of Agriculture and the Mechanic Arts.

Cash on hand July 2, 1908.....	\$3,194.68
Income Conant fund.....	3,561.66
Interest state bonds.....	4,800.00
State appropriation.....	13,000.00
Government appropriation.....	61,000.00
W. D. Gibbs, president.....	31,182.16
Income Pillsbury fund.....	7.00
Income Smythe fund.....	45.40
Income Hamilton Smith fund.....	400.00
Income Erskine Mason fund.....	34.84
Borrowed.....	18,097.49
	<hr/>
	\$135,323.23

Schedules.....	\$116,608.62
Notes.....	18,097.49
Interest on notes.....	149.00
Cash on hand July 2, 1909.....	468.12
	<hr/>
	\$135,323.23

### LIBRARY FUND.

Cash on hand July 2, 1908.....	\$59.80
Schedule.....	59.80

### MRS. SHIRLEY ONDERDONK FUND.

Cash on hand July 2, 1908.....	\$12,180.00
Schedules.....	12,180.00

## NOTE ACCOUNT.

## Notes unpaid July 2, 1908.

Manchester National Bank.....	\$1,556.95
Manchester National Bank.....	7,101.46
Manchester Savings Bank.....	9,439.08
	<hr/>
	\$18,097.49

## \*NOTES PAID.

All of above notes.....	\$18,097.49
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## NEW NOTES.

## All outstanding July 2, 1909.

Manchester National Bank, November 30, 1908.....	\$4,100.00
Manchester Savings Bank, January 1, 1909.....	7,700.00
Manchester National Bank, March 2, 1909.....	6,000.00
Manchester Savings Bank, July 1, 1909.....	297.49
	<hr/>
	\$18,097.49

## TREASURER'S REPORT.

*To the President and Trustees of the New Hampshire College of Agriculture and the Mechanic Arts:*

Your treasurer respectfully submits his report for the period from July 2, 1909, to July 6, 1910.

WALTER M. PARKER, treasurer, in account with the New Hampshire College of Agriculture and the Mechanic Arts.

Cash on hand July 2, 1909.....	\$468.12
Income Conant fund.....	2,945.67
Interest state bonds.....	4,800.00
State appropriation.....	32,430.13
Government appropriation.....	67,250.00
W. D. Gibbs, president.....	37,044.81
Income Pillsbury fund.....	7.00
Income Smythe fund.....	165.44
Income Hamilton Smith fund.....	400.00
Income Erskine Mason fund.....	4.00
Notes.....	18,097.49
Benjamin Thompson trust fund interest.....	7,971.82
	<hr/>
	\$171,584.48

\*Several hundred dollars in interest have been saved to the state, during the past year, by using current funds early in the year to pay old indebtedness and by reborrowing later as the money was needed.

Schedules.....	\$152,481.15
Notes.....	18,097.49
Interest on notes.....	420.00
Cash on hand July 6, 1910.....	585.84
	<hr/>
	\$171,584.48

## NOTE ACCOUNT.

## Notes unpaid July 2, 1909.

Manchester National Bank, November 30, 1908.....	\$4,100.00
Manchester Savings Bank, January 1, 1909.....	7,700.00
Manchester National Bank, March 2, 1909.....	6,000.00
Manchester Savings Bank, July 1, 1909.....	297.49
	<hr/>
	\$18,097.49

## \*NOTES PAID.

All of the above notes.....	18,097.49
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## NEW NOTES.

## All outstanding July 6, 1910.

Manchester National Bank, October 5, 1909.....	\$3,842.62
Manchester National Bank, December 31, 1909.....	2,754.27
Manchester Savings Bank January 31, 1910.....	10,000.00
Manchester Savings Bank, July 5, 1910.....	1,500.60
	<hr/>
	\$18,097.49

## REPORT OF C. H. PETTEE, AUDITOR.

## FUND STATEMENT AND NET EXPENSE SUMMARY.

July 2, 1909.

## FUND STATEMENT.

## CONANT FUND.

Receipts.....	\$3,561.66
Expenditures.....	3,561.66

## LAND GRANT.

Receipts.....	\$4,800.00
Expenditures:—	
Modern Language: instruction.....	\$1,750.00
President and Secretary: salaries...	3,050.00
	<hr/>
	4,800.00

\*Several hundred dollars in interest have been saved to the state, during the past year, by using current funds early in the year to pay old indebtedness and by re-borrowing later as the money was needed.

## ROSECRANS W. PILLSBURY FUND.

Cash on hand July 2, 1908.....	\$33.25	
Receipts.....	7.00	
Balance.....		<u>\$40.25</u>

## STUDENT LOAN FUND.

Cash on hand July 2, 1908.....	\$2.00	
Receipts—Pearson Estate.....	150.00	
Interest and note payment.....	54.56	
		<u>\$206.56</u>
Expenditures—Loan notes.....	204.00	
Balance.....		<u>\$2.56</u>

## HAMILTON SMITH FUND.

Receipts.....	\$400.00	
Expenditures.....	400.00	
		<u></u>

## MORRILL FUND.

Receipts.....	\$35,000.00	
Expenditures:		
Agronomy Department.....	\$2,364.86	
Horticultural Department.....	2,570.30	
Animal Husbandry Department...	2,092.80	
Dairy Department.....	1,028.51	
Mechanical Engineering Department	2,769.91	
Electrical Engineering Department	3,682.64	
Drawing Department.....	2,445.63	
Shop Work.....	1,800.00	
English Language Department....	1,898.33	
Mathematical Science Department .	2,066.65	
Chemical Department.....	5,910.95	
Physical Science Department.....	2,299.67	
Botanical and Bacteriological De- partment.....	899.07	
Zoölogical Department.....	1,730.84	
Economic Science Department....	1,439.84	
		<u>\$35,000.00</u>

## LIBRARY FUND.

Balance on hand July 2, 1908.....	\$59.80	
Expenditures.....	59.80	
		<u></u>

## MRS. SHIRLEY ONDERDONK FUND.

Balance on hand July 2, 1908.....	\$12,180.00
Expenditures.....	12,180.00
	<hr/>

## STATE APPROPRIATION (SPECIAL 1907-'08).

Balance on hand July 2, 1908.....	\$2,487.43
Expenditures:	
Smith Hall equipment.....	2,487.43
	<hr/>

## STATE APPROPRIATION (ORDINARY).

Receipts.....	\$13,000.00
Expenditures:	
Tuition New Hampshire students expended for Power and Service Department; coal.....	\$3,000.00
Balance Power and Service Depart- ment, net expense.....	4,140.88
Curator Department.....	2,186.01
Buildings and Repairs Department .	\$60.07
President and Secretary: salaries....	2,441.30
Postage, stationery and printing....	371.74
	<hr/>
	\$13,000.00

## FREDERICK SMYTHE FUND.

Balance on hand July 2, 1908.....	\$134.92
Receipts.....	45.40
	<hr/>
	\$180.32
Expenditures.....	126.25
Balance.....	<hr/>
	\$54.07

## GENERAL FUND.

Cash on hand.....	\$146.31
*W. D. Gibbs, president.....	28,032.11
Interest, Erskine Mason Fund.....	34.84
	<hr/>
	\$28,213.26
Expenditures.....	27,920.95
Balance.....	<hr/>
	\$292.31

\*The amount reported by treasurer as received from W. D. Gibbs, president, includes in addition the cash receipts from Student Loan Fund and Miscellaneous Income, Experiment Station.

## MISCELLANEOUS INCOME: EXPERIMENT STATION.

Cash on hand July 2, 1908.....	\$0.64
Receipts.....	4,077.80
	<hr/>
	\$4,078.44
Expenditures.....	4,749.51
Balance.....	<hr/> \$-671.07

## HATCH FUND.

Balance July 2, 1908.....	\$1.58
Receipts.....	15,000.00
	<hr/>
	\$15,001.58
Expenditures.....	14,251.58
Balance.....	<hr/> \$750.00

## ADAMS FUND.

Balance July 2, 1908.....	\$523.47
Receipts.....	11,000.00
	<hr/>
	\$11,523.47
Expenditures.....	11,523.47
	<hr/>

## SUMMARY FUND BALANCES.

Rosecrans W. Pillsbury Fund.....	\$40.25
Student Loan Fund.....	2.56
Frederick Smythe Fund.....	54.07
General.....	292.31
Hatch Fund.....	750.00
Miscellaneous income: Experiment Station.....	-671.07
Cash on hand as per treasurer's report.....	<hr/> \$468.12

## \*ACTUAL NET EXPENSE.

July 2, 1908-July 2, 1909.

*Running Expenses College.*

Expenditures from income as follows:

Cash on hand July 2, 1908, less cash on hand July 2, 1909.....	\$2,865.29
Conant fund.....	3,561.66
Land grant fund.....	4,800.00
State appropriation.....	13,000.00
United States government appropriation....	35,000.00
Frederick Smythe fund.....	45.40

\*Not including a large number of balanced transactions in farm, dairy and other accounts.

Rosecrans W. Pillsbury fund.....	\$7.00	
Hamilton Smith fund.....	400.00	
Erskine Mason fund.....	34.84	
Rents.....	251.25	
Forestry Department net receipts.....	295.80	
Rebates on insurance premiums.....	523.41	
Cash tuition and fees less \$671.07 advanced		
Experiment Station.....	4,452.93	
	<hr/>	\$65,237.58
Balance Mrs. Onderdonk building fund.....	\$12,180.00	
Running expenses Agricultural Experiment Station.....	29,999.51	
	<hr/>	
Total.....		\$107,417.09

## REPORT OF C. H. PETTEE, AUDITOR.

### FUND STATEMENT AND NET EXPENSE SUMMARY.

July 6, 1910.

#### FUND STATEMENT.

##### BENJAMIN THOMPSON FUND.

Receipts.....	\$7,971.82
Expenditures.....	7,971.82
	<hr/>

##### CONANT FUND.

Receipts.....	\$2,945.67
Expenditures.....	2,945.67
	<hr/>

##### ERSKINE MASON FUND.

Receipts.....	\$4.00
Expenditures.....	4.00
	<hr/>

##### FREDERICK SYMTHE FUND.

Cash on hand, July 2, 1909.....	\$54.07	
Receipts.....	165.44	
	<hr/>	
	\$219.51	
Expenditures.....	173.09	
Balance.....	<hr/>	\$46.42

##### HAMILTON SMITH FUND.

Receipts.....	\$400.00
Expenditures.....	400.00
	<hr/>

## LAND GRANT.

Receipts.....		\$4,800.00
Modern Languages: instruction....	\$2,037.50	
President and Secretary: salaries ...	2,762.50	
	<hr/>	\$4,800.00

## MORRILL FUND.

Receipts.....		\$40,000.00
Expenditures:		
Agronomy Department.....	\$2,496.36	
Animal Husbandry Department ...	1,418.75	
Botanical and Bacteriological De- partment.....	1,367.73	
Chemical Department.....	7,104.18	
Creamery Department.....	10.94	
Dairy Department.....	1,572.89	
Drawing Department.....	2,428.22	
Electrical Engineering Department..	3,976.74	
English Language Department....	2,403.23	
Economic Science Department....	1,477.10	
Forestry Department.....	12.15	
Horticultural Department.....	2,292.26	
Mathematical Science Department	3,412.93	
Mechanical Engineering Depart- ment.....	5,287.07	
Physical Science Department....	2,136.00	
Zoölogy Department.....	2,603.45	
	<hr/>	\$40,000.00

## ROSECRANS W. PILLSBURY FUND.

Cash on hand, July 2, 1909.....		\$40.25
Receipts.....		7.00
Balance.....	<hr/>	\$47.25

## STATE APPROPRIATION (ORDINARY).

*Receipts.....		\$13,000.00
Expenditures:		
Advertising.....	\$199.09	
Books.....	37.34	
Clerical work.....	49.98	
Coal.....	3,591.95	
Commencement expenses.....	10.50	
Contingent expenses.....	34.25	

\*The actual amount received by the college treasurer from the state was \$12,890; \$110 having been paid directly to the Telegraph Publishing Company, by the state treasurer.

Department supplies.....	\$325.57	
Freight and express.....	227.99	
Furniture and fixtures.....	242.11	
Labor.....	1,887.40	
Postage, stationery and printing....	264.80	
President and Secretary: salaries....	1,735.58	
Curator: salary.....	111.66	
Librarians' salary.....	263.31	
Modern Languages Instruction.....	554.16	
Tools.....	46.09	
Traveling expenses.....	277.67	
Trustees' expenses.....	30.55	
Telegraph Publishing Company....	110.00	
Tuition New Hampshire students expended for:		
Curator department, labor.....	\$1,023.39	
P. and S. department, labor.....	1,976.61	
	<u>3,000.00</u>	
		\$13,000.00

## STATE APPROPRIATION (SPECIAL).

Receipts.....	\$19,540.13
*Receipts.....	6,459.87
Expenditures:	
Dairy Building.....	\$8,000.00
Athletic Field.....	999.23
Building and repairs.....	1,930.90
Electric lighting plant.....	3,620.53
Farm improvements.....	2,776.78
Special grading account.....	672.56
Water supply and sewerage.....	1,540.13
	<u>\$19,540.13</u>
*Water supply and sewerage.....	6,459.87
	<u>\$6,459.87</u>

## STUDENT LOAN FUND.

Cash on hand, July 2, 1909.....	\$2.56
Receipts, Pearson estate.....	150.00
Receipts, Student loans.....	150.00
Receipts, Interest on loans.....	2.61
	<u>\$305.17</u>
Expenditures, loans.....	200.00
Balance.....	<u>\$105.17</u>

\*Balance of appropriation received between July 1, and September 1, the dates of closing of United States government and state reports respectively.

## GENERAL FUND.

Cash on hand, July 2, 1909.....	\$292.31	
*W. D. Gibbs, president.....	33,352.42	
		<hr/>
	\$33,644.73	
Expenditures.....	33,257.73	
Balance.....		<hr/> \$387.00

## HATCH FUND.

Balance, July 2, 1909.....	\$750.00
Receipts.....	14,250.00
	<hr/>
	\$15,000.00
Expenditures.....	15,000.00
	<hr/>

## ADAMS FUND.

Receipts.....	\$13,000.00
Expenditures.....	13,000.00
	<hr/>

## MISCELLANEOUS INCOME: EXPERIMENT STATION.

Receipts from regular sources.....	\$4,034.51
Amount furnished by college.....	509.93
	<hr/>
	\$4,544.44
Balance due college July 2, 1909.....	\$671.07
Expenditures.....	3,873.37
	<hr/>
	\$4,544.44

## SUMMARY FUND BALANCES.

Frederick Smythe fund.....	\$46.42
Rosecrans W. Pillsbury fund.....	47.25
Student Loan fund.....	105.17
General.....	387.00
	<hr/>
Cash on hand as per treasurer's report.....	585.84

## †ACTUAL NET EXPENSE.

July 2, 1909–July 6, 1910.

*Running Expenses College.*

Expenditures from income as follows:

Cash on hand July 2, 1909 less cash on hand July 6, 1910.....	—\$117.72
Conant Fund.....	\$2,945.67

\*The amount reported by treasurer as received from W. D. Gibbs, president, includes in addition the cash receipts from Student Loan Fund and Miscellaneous Income, Experiment Station.

†Not including a large number of balanced transaction in farm, dairy and other accounts.

Land Grant fund.....	\$4,800.00		
State appropriation—ordinary.....	13,000.00		
United States government appropriation.....	40,000.00		
Benjamin Thompson fund.....	7,971.82		
Tuition and fees (cash).....	4,758.00		
Hamilton Smith fund.....	400.00		
Rents.....	186.52		
Creamery and Forestry departments and miscellaneous income, net receipts.....	3,325.11		
Frederick Smythe fund.....	165.44		
Rosecrans W. Pillsbury fund.....	7.00		
Erskine Mason fund.....	4.00		
	<hr/>		
	—\$117.72	\$77,563.56	\$77,445.84
Special state appropriation:			
Dairy Building, water supply, sewerage, etc.....			\$26,000.00
Running Expense Agricultural Experiment Station.....			31,873.37
			<hr/>
Total.....			\$135,319.21

## PRESIDENT'S REPORT.

W. D. GIBBS, PRESIDENT.

July 2, 1908—July 2, 1909.

### INCOME.

Receipts from tuition, fees, farm, creamery, book sales, student loan fund and miscellaneous income, Experiment Station, deposited with treasurer.....	\$31,182.16
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### EXPENDITURES BY SCHEDULES.

1908			
Ju'y	1	Schedule No. 1.....	\$2,300.00
	15	2.....	960.24
	31	3.....	525.05
	31	4.....	8,172.28
Aug.	19	5.....	2,000.00
	22	6.....	649.90
	31	7.....	9,573.83
Sept.	14	8.....	5,000.00
	15	9.....	581.02
	30	10.....	12,591.22
Oct.	15	11.....	1,949.93

Oct.	15	Schedule No. 12.....	\$661.74
	31	13.....	9,845.21
Nov.	10	14.....	930.07
	10	15.....	59.80
	16	16.....	594.74
	17	17.....	9,762.18
Dec.	15	18.....	533.62
	18	19.....	60.00
	31	20.....	8,392.73
1909			
Jan.	15	21.....	900.56
	30	22.....	7,878.14
Feb.	17	23.....	697.11
	27	24.....	7,776.10
Mar.	15	25.....	651.39
	31	26.....	8,420.54
Apr.	15	27.....	707.81
	30	28.....	8,448.79
May	15	29.....	40.00
	15	30.....	635.42
	31	31.....	7,445.86
June	15	32.....	735.32
	22	33.....	5,173.31
	30	34.....	4,194.51
			\$128,848.42

## DEPARTMENT TRANSACTIONS.

## AGRONOMY DEPARTMENT.

	Receipts.	Expenditures.	
Agronomy Science (Morrill).....	\$1,839.84		\$1,839.84
(General).....		11.00	11.00
Farm (Morrill).....	\$2,635.85	3,160.87	525.02
(General).....	113.88	102.88	+11.00

## ANIMAL HUSBANDRY DEPARTMENT.

Animal Husbandry (Morrill).....	\$2,455.54	\$4,548.34	\$2,092.80
(General).....	37.12	37.12	

## BOTANICAL AND BACTERIOLOGICAL DEPARTMENT.

Botany and Bacteriology (Morrill).....	\$899.07		\$899.07
(General).....	\$23.20	30.91	7.71

## CHEMICAL DEPARTMENT.

Chemistry (Morrill).....	\$5,910.95	\$5,910.95
(General).....	\$539.66 194.17	+345.49

## DAIRY DEPARTMENT.

Dairy (Morrill).....	\$997.51	\$997.51
Creamery (Morrill).....	31.00	31.00
(General).....	\$10,468.68 10,416.32	+52.36

## DRAWING DEPARTMENT.

Drawing (Morrill).....	\$2,445.63	\$2,445.63
(General).....	\$11.25 31.93	20.68

## ECONOMIC SCIENCE DEPARTMENT.

Economic Science (Morrill).....	\$1,439.84	\$1,439.84
(General).....	600.00	600.00

## ELECTRICAL ENGINEERING DEPARTMENT.

Electrical Engineering (Morrill).....	\$3,682.64	\$3,682.64
(General).....	249.64	249.64

## ENGLISH LANGUAGE DEPARTMENT.

English Language (Morrill).....	\$1,898.33	\$1,898.33
(General).....	313.32	313.32
Secretary of Faculty (General).....	4.75	4.75

## HORTICULTURAL DEPARTMENT.

Horticulture (Morrill).....	\$2,013.92	\$2,013.92
Greenhouse Laboratory (Morrill) .	\$649.03 1,205.41	556.38
Greenhouse (General).....	346.34 346.34	
Forestry (General).....	1,627.60 1,331.80	+295.80
Roads and Grounds (General).....	1,411.17	1,411.17

## LIBRARY DEPARTMENT.

Library (General).....	\$165.00 \$1,493.37	\$1,328.37
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## MATHEMATICAL SCIENCE DEPARTMENT.

Mathematical Science (Morrill).....	\$2,066.65	\$2,066.65
(General) ..	\$15.00 1.00	+14.00

## MECHANICAL ENGINEERING DEPARTMENT.

Mechanical Engineering (Morrill).....	\$4,569.91	\$4,569.91
(General)..	\$58.78 84.99	26.21
Power and Service (State App.— Ordinary).....	\$340.26 \$7,481.14	\$7,140.88

Curator (State Appr.—Ordinary).....	2,186.01	\$2,186.01
Buildings and Repairs (State Appr.—Ordinary).....	860.07	860.07

## MILITARY SCIENCE DEPARTMENT.

Military Science (General).....	\$12.70	\$169.55	\$156.85
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## MODERN LANGUAGE DEPARTMENT.

Modern Language (Land Grant).....	\$1,750.00	\$1,750.00
(General).....	15.47	15.47

## PHYSICAL SCIENCE DEPARTMENT.

Physical Science (Morrill).....	\$2,299.67	\$2,299.67	
(General).....	\$6.10	14.43	8.33

## ZOÖLOGY DEPARTMENT.

Zoölogy (Morrill).....	\$1,730.84	\$1,730.84
(General).....	157.24	157.24

## SMITH HALL.

Smith Hall: Supplies (General).....	\$2,423.79		
Matron's Salary (General).....	250.00		
Equipment (General).....	276.86		
Sales (General).....	\$2,582.09		
	<hr/>		
	\$2,582.09	\$2,950.65	\$368.56

## MISCELLANEOUS ACCOUNTS.

Miscellaneous Accounts (State Appr.—Ordinary).....	\$2,813.04	\$2,813.04	
(Library Fund).....	59.80	59.80	
(Mrs. Onderdonk Fund).....	12,180.00	12,180.00	
(State Appr.—Special 1907-'08).....	2,487.43	2,487.43	
(Conant Scholarships)	3,561.66	3,561.66	
(Valentine Smith Scholarships).....	400.00	400.00	
(Land Grant).....	3,050.00	3,050.00	
(Smythe Book Fund assistance).....	126.25	126.25	
(Student Loans)	\$206.56	204.00	+2.56
(General)	12,983.72	7,758.46	+5,225.26

SALARIES OF OFFICERS OF INSTRUCTION  
AND  
AGRICULTURAL EXPERIMENT STATION STAFF.

July 2, 1908-July 2, 1909.

President of the College.....	\$4,000.00
Dean and Professor of Mathematics.....	2,200.00
Professor of History and Political Economy.....	2,000.00
Professor of Organic Chemistry, and Vice-Director and Chemist of the Experiment Station.....	2,000.00
Professor of Inorganic Chemistry.....	2,500.00
Professor of Agronomy and Agriculturist of the Experiment Station.....	2,000.00
Professor of Zoölogy and Entomology, and Director and Entomologist of the Experiment Station.....	2,500.00
Professor of Physies.....	2,000.00
Professor of Modern Languages.....	1,600.00
Professor of Drawing and Design.....	1,600.00
Professor of Botany and Botanist of the Experiment Station.	1,750.00
Professor of Electrical Engineering.....	1,666.60
Professor of Horticulture and Horticulturist of the Experi- ment Station.....	1,800.00
Professor of English and Philosophy.....	1,466.62
Professor of Mechanical Engineering.....	2,000.00
Associate Professor of Dairying and Dairyman of the Experi- ment Station.....	1,500.00
Associate Professor of Animal Husbandry and Animal Husbandman of the Experiment Station.....	1,283.30
Assistant Professor of Inorganic Chemistry.....	1,500.00
Associate Chemist of Experiment Station.....	1,800.00
Assistant Professor of Electrical Engineering.....	833.30
Instructor in Machine Work.....	1,000.00
Instructor in Chemistry.....	1,000.00
Instructor in English and Modern Languages.....	850.00
Instructor in Wood Work.....	800.00
Instructor in Drawing.....	800.00
Instructor in Zoölogy.....	916.60
Instructor in Entomology and Assistant Entomologist of the Experiment Station.....	1,200.00
Instructor in Botany and Assistant Botanist of the Experi- ment Station.....	1,000.00
Assistant in Agronomy and Assistant Agriculturist of the Experiment Station.....	900.00
Assistant in Horticulture and Assistant Horticulturist of the Experiment Station.....	1,200.00

Assistant in Animal Husbandry and Herdsman of the Experiment Station.....	\$1,000.00
Foreman of Gardens and Greenhouse, and Assistant in Floriculture of the Experiment Station.....	920.00

## PRESIDENT'S REPORT.

W. D. GIBBS, PRESIDENT.

July 2, 1909-July 1, 1910.

## INCOME.

Receipts from Tuition, Fees, Farm, Creamery, Book Sales, Student Loan Fund and Miscellaneous Income, Experiment Station Deposited with Treasurer.....	\$37,044.81
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## EXPENDITURES BY SCHEDULES.

1909			
July	15	Schedule No. 1.....	\$1,015.35
	31	2.....	9,575.43
Aug.	14	3.....	925.77
	31	4.....	11,673.01
Sept.	21	5.....	668.35
	30	6.....	13,315.48
Oct.	15	7.....	644.54
	30	8.....	13,277.64
Nov.	15	9.....	631.71
	30	10.....	11,527.43
Dec.	15	11.....	776.57
	31	12.....	11,809.91
	31	13.....	1,771.88
1910			
Jan.	15	14.....	1,068.59
	31	15.....	10,437.18
Feb.	15	16.....	1,051.57
	21	17.....	1,789.25
	28	18.....	10,458.54
Mar.	15	19.....	690.70
	18	20.....	1,989.68
	31	21.....	9,988.81
Apr.	15	22.....	815.06
	30	23.....	11,115.16
May	16	24.....	1,496.10
	31	25.....	8,699.85
June	15	26.....	3,288.69
	22	27.....	5,799.99
	30	28.....	6,178.91
			<hr/> \$152,481.15

## DEPARTMENT TRANSACTIONS.

## AGRONOMY DEPARTMENT.

	Receipts.	Expenditures.	
Agronomy Science (Morrill).....	\$2,496.36		\$2,496.36
(State Appro.—Ordinary).....	6.66		6.66
(Benj. Thompson Fund)...	96.90		96.90

## ANIMAL HUSBANDRY DEPARTMENT.

Animal Husbandry (Morrill).....	\$1,418.75		\$1,418.75
(Benj. Thompson Fund).....	\$1.91	27.21	25.30

## BOTANICAL AND BACTERIOLOGICAL DEPARTMENT.

Botany and Bacteriology (Morrill).....	\$1,367.73		\$1,367.73
(State Appro.—Ordinary).....	3.00		3.00
(Benj. Thompson Fund).....	\$59.45	106.70	47.25

## CHEMICAL DEPARTMENT.

Chemistry (Morrill).....	\$7,104.18		\$7,104.18
(General).....	\$721.35	161.13	+560.22

## DAIRY DEPARTMENT.

Dairy (Morrill).....	\$1,572.89		\$1,572.89
(Benj. Thompson Fund).....	172.01		172.01
Creamery (Morrill).....	10.94		10.94
(General).....	\$15,188.88	14,137.79	+1,051.09

## DRAWING DEPARTMENT.

Drawing (Morrill).....	\$2,428.22		\$2,428.22
(General).....	\$12.40	133.64	121.24

## ECONOMIC SCIENCE DEPARTMENT.

Economic Science (Morrill).....	\$1,477.10		\$1,477.10
(Benj. Thompson Fund) ...	600.00		600.00

## ELECTRICAL ENGINEERING DEPARTMENT.

Electrical Engineering (Morrill).....	\$3,976.74		\$3,976.74
(State Appro.—Ordinary).....	111.43		111.43
(General).....	\$5.60	73.89	68.29

## ENGLISH LANGUAGE DEPARTMENT.

English Language (Morrill).....	\$2,403.23		\$2,403.23
(Benj. Thompson Fund) ..	355.33		355.33

Secretary of Faculty (State Appro.—Ordinary)	\$7.00	\$7.00
(General).....	6.30	6.30

## FARM DEPARTMENT.

Farm (State Appro.—Special).....	\$2,776.78	\$2,776.78
(Benj. Thompson Fund)....	\$4,074.66 6,565.30	\$2,490.64

## HORTICULTURAL DEPARTMENT.

Horticulture (Morrill).....	\$2,292.26	\$2,292.26
(Benj. Thompson Fund).....	178.58	178.58
Greenhouse (Benj. Thompson Fund)	\$1,061.87 1,179.96	118.09
Forestry (Morrill).....	12.15	12.15
(General).....	2,886.59 773.71	+2,112.88
Roads and Grounds (Benj. Thompson Fund)	472.22	472.22
(General).....	828.82	828.28
Special Grading (State Appro.—Special).....	672.56	672.56
(General).....	202.73	202.73

## LIBRARY DEPARTMENT.

Library (General).....	\$145.00	\$145.00
(State Appro.—Ordinary).....	319.47	\$319.47
(Benj. Thompson Fund)....	54.54 1,362.15	1,307.61

## MATHEMATICAL SCIENCE DEPARTMENT.

Mathematical Science (Morrill).....	\$3,412.93	\$3,412.93
(Benj. Thompson Fund)	5.71	5.71

## MECHANICAL ENGINEERING DEPARTMENT.

Mechanical Engineering (Morrill).....	\$5,287.07	\$5,287.07
(State Appro.—Ordinary).....	50.14	50.14
(General).....	\$85.88 106.86	20.98
Power and Service (State Appro.—Ordinary).	7,319.96	7,319.96
(Benj. Thompson Fund)	624.49 1,854.63	1,230.14
Curator (State Appro.—Ordinary).....	1,671.24	1,671.24
(Benj. Thompson Fund).....	461.18	461.18
Buildings and Repairs (State Appro.—Special)	1,930.90	1,930.90

## MILITARY SCIENCE DEPARTMENT.

Military Science (State Appro.—Ordinary)...	\$11.95	\$11.95
(Benj. Thompson Fund).....	\$2.00 150.31	148.31

## MODERN LANGUAGE DEPARTMENT.

Modern Language (Land Grant).....	\$2,037.50	\$2,037.50
(State Appro.—Ordinary)	554.16	554.16
(Benj. Thompson Fund)...	24.91	24.91

## PHYSICAL SCIENCE DEPARTMENT.

Physical Science (Morrill).....	\$2,136.00	\$2,136.00
(State Appro.—Ordinary) ..	15.80	15.80
(Benj. Thompson Fund).....	227.85	227.85

## SMITH HALL.

Smith Hall: Supplies (General).....	\$4,204.18	
Matron's Salary (General).....	325.00	
Sales (General).....	\$3,988.26	
	<hr/>	
	\$3,988.26	\$4,529.18
		\$540.92

## ZOOLOGICAL DEPARTMENT.

Zoölogy (Morrill).....	\$2,603.45	\$2,603.45
(State Appro.—Ordinary).....	28.07	28.07
(Benj. Thompson Fund).....	\$72.45	82.24
		9.79

## MISCELLANEOUS ACCOUNTS.

Miscellaneous Accounts (Land Grant).....	\$2,762.50	\$2,762.50
(State Appro.—Ordinary).....	2,791.12	2,791.12
(State Appro.—Special).....	14,159.89	14,159.89
(Conant Scholarships)	2,945.67	2,945.67
(Erskine Mason Prize)	4.00	4.00
(Valentine Smith Scholarships).....	400.00	400.00
(Smythe Book Fund Assistance).....	173.09	173.09
(Student Loans)	\$305.17	200.00
(General)	11,661.90	11,652.72
		+105.17
		+9.18

SALARIES OF OFFICERS OF INSTRUCTION  
AND  
AGRICULTURAL EXPERIMENT STATION STAFF.

July 2, 1909—July 1, 1910.

President of the College.....	\$4,000.00
Dean and Professor of Mathematics.....	2,200.00
Professor of History and Political Economy.....	2,000.00
Professor of Inorganic Chemistry.....	2,500.00
Professor of Agronomy and Agronomist to Experiment Station.....	2,000.00

Professor of Zoölogy and Entomology and Director and Entomologist of the Experiment Station.....	\$2,500.00
Professor of Physics.....	2,000.00
Professor of Modern Languages.....	1,766.66
Professor of Drawing and Design.....	1,600.00
Professor of Botany and Botanist to Experiment Station	1,800.00
Professor of Electrical Engineering.....	2,000.00
Professor of Horticulture and Horticulturist to Experiment Station.....	1,966.65
Professor of English and Philosophy and Secretary of the Faculty.....	1,766.66
Professor of Mechanical Engineering.....	2,000.00
Professor of Dairying.....	1,750.00
Chemist of the Experiment Station.....	1,800.00
Associate Professor of Animal Husbandry and Animal Husbandman to Experiment Station.....	1,416.66
Assistant Professor of Inorganic Chemistry.....	1,600.00
Assistant Professor of Electrical Engineering.....	1,000.00
Assistant Professor of Animal Husbandry and Assistant Animal Husbandman to Experiment Station.....	1,166.66
Assistant Professor of Zoölogy.....	1,549.92
Assistant Professor of Mathematics.....	1,166.60
Assistant Professor of Entomology and Entomologist to Experiment Station.....	1,166.68
Instructor in Machine Work.....	1,000.00
Instructor in Chemistry.....	1,100.00
Instructor in Wood Work.....	800.00
Instructor in Drawing.....	800.00
Instructor in Rhetoric and Literary Criticism.....	1,125.00
Instructor in Botany and Assistant Botanist to Experiment Station.....	1,166.66
Instructor in Agronomy, College Farmer and Farmer of Experiment Station.....	2,000.00
Assistant in Floriculture and Foreman of Grounds and Assistant in Floriculture to Experiment Station.....	920.00
Assistant in Vegetable Gardening and Assistant in Vegetable Gardening to Experiment Station.....	777.70
Assistant in Modern Languages.....	500.00
Assistant in Agronomy and Assistant Agronomist to Experiment Station.....	900.00
Assistant in Chemistry.....	600.00
Assistant in Horticulture and Assistant Horticulturist to Experiment Station.....	723.08
Assistant in Shop Work, Engineer and Curator of Buildings.....	943.32







# THIRTEENTH REPORT

(EIGHTH BIENNIAL)

OF THE

## BOARD OF COMMISSIONERS OF LUNACY

FOR THE

STATE OF NEW HAMPSHIRE

FOR THE

Two Fiscal Years Ending August 31, 1910.

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VOLUME II - - PART VIII



STATE OF NEW HAMPSHIRE.

OFFICE OF THE COMMISSIONERS OF LUNACY.

STATE HOUSE, September 1, 1910.

*To His Excellency the Governor and the Honorable Council:*

In conformity to the laws of the state of New Hampshire, I have the honor to present herewith the twelfth report of the Board of Commissioners of Lunacy, for the two fiscal years ending August 31, 1910.

Respectfully submitted,

*Irving A. Watson*

*Secretary.*

## Members of the Board.

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Gov. HENRY B. QUINBY, Laconia.

ATT'Y-GEN. E. G. EASTMAN, Exeter.

G. P. CONN, M. D., PRESIDENT, Concord.

CHAS. S. COLLINS, M. D., Nashua.

ROBERT FLETCHER, C. E., Hanover.

IRVING A. WATSON, M. D., SECRETARY, Concord.

# REPORT

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HEREWITH is presented the thirteenth report of the Board of Commissioners of Lunacy, for the years 1909 and 1910. The commission is constituted of the State Board of Health, by an act of the legislature of 1889. This act also provides that all persons deprived of their liberty in this state, by being committed to custody as an insane person, shall be wards of the state and subject to state supervision.

The commission is also required to make inspections, to examine into the care and treatment of the insane, and was empowered to order the removal of any indigent, insane person to the New Hampshire State Hospital for remedial treatment. It is further required to keep a correct record of the number of commitments, discharges, and deaths at the asylums for the insane, with age, sex and nationality, and to make a report of the same to the governor and council. In accordance with this, the following tables are submitted:

- TABLE 1. Commitments to the several institutions for the year 1909.
- TABLE 2. Discharges for the year 1909.
- TABLE 3. Deaths for the year 1909.
- TABLE 4. Commitments to the several institutions for the year 1910.
- TABLE 5. Discharges for the year 1910.
- TABLE 6. Deaths for the year 1910.
- TABLE 7. List of persons who received state aid at the New Hampshire State Hospital by order of the Commissioners of Lunacy, during the two years, September 1, 1908–August 31, 1910, inclusive.

In 1903, an act was passed by the legislature providing that after January 1, 1905, the Board of Commissioners of Lunacy should transfer from the several county almshouses to the New Hampshire State Hospital, as rapidly as accommodations could be provided, such patients as in their judgment were most suitable subjects for remedial treatment, the transfers to be made pro rata, by counties. In 1907, the provisions of the law relative to the indigent insane were broadened, to the extent that they were made to apply to all indigent insane persons, independently of the opinion of the board as to whether or not such persons might be susceptible to remedial treatment. The law referred to is as follows:

“AN ACT TO PROVIDE FOR THE INDIGENT INSANE.

*“Be it enacted by the Senate and House of Representatives in General Court convened:*

“SECTION 1. The State Board of Commissioners of Lunacy is hereby empowered to transfer any indigent insane person to the New Hampshire State Hospital, there to be supported by the state, provided satisfactory affidavits are executed by the selectmen, or county commissioners, or both, as the said board may require, to the effect that neither the patient, nor any relative chargeable therewith, is able to bear the expense incident to his maintenance at the said hospital.

“SECT. 2. Indigent insane persons at the New Hampshire State Hospital, for remedial treatment or otherwise, may be maintained by the state at the said hospital upon orders issued to that effect by the State Board of Commissioners of Lunacy, having first in each case obtained satisfactory evidence as provided for in section 1 of this act.

“SECT. 3. In a case where the patient, or relatives chargeable with his support are able to pay only a part of the expense of maintaining the said patient at the New Hampshire State Hospital, the State Board of Commissioners of Lunacy, upon satisfactory evidence of the facts,

may direct that such part of the expense of maintenance at the said hospital as cannot be met by the patient or relatives chargeable therewith, be paid by the state.

“SECT. 4. All acts and parts of acts inconsistent with this act are hereby repealed, and this act shall take effect upon its passage.

“[Approved April 3, 1907.]”

In order that the provisions of the foregoing law might be carried out as intended by its provisions, suitable blank form of application was prepared for the investigation of the financial status of the patient and of his relatives legally chargeable with his support, the document to be signed, under oath, by the board of county commissioners, or by the board of selectmen.

In 1909, the law of 1903, providing that the state should take over all insane persons at the county almshouses after January 1, 1905, was amended so as to extend the time to the first day of January, 1913, the reason being inadequate accommodations at the State Hospital.

A change in the law relating to the commitment of insane persons was made at the last session of the Legislature, by amending Section 18 of Chapter 10 of the Public Statutes of the State of New Hampshire, so as to read as follows, the italicized portion showing the amendment made:

No person shall be committed to the asylum for the insane, except by an order of the court or the judge of probate, without the certificate of two reputable physicians that such person is insane, given after a personal examination made within one week of the committal. Such certificate shall be accompanied by a certificate of a judge of the supreme court or court of probate, mayor, or one of the selectmen, certifying to the genuineness of the signatures and the respectability of the signers. *The physicians making such examination shall be legally registered to practice medicine in New Hampshire, and in the actual practice of their profession at the time of said examination and for at least three years prior thereto. They shall act jointly in making said examination and their certificate shall bear the date of said examination. Neither of said physicians shall be a relative of the person alleged to be insane, or an official of the institution to which it is proposed to commit such person. Any violation of the terms of this act may be punished by a fine not exceeding*

*one hundred dollars. The certificate of insanity shall be in the form prescribed by the commission and shall contain the facts and circumstances upon which the judgment of the physicians is based.*

New blanks for the purpose of carrying out the provisions of this law have been prepared by the Board of Commissioners of Lunacy, and will be forwarded to physicians and others requiring such blanks.

The blank referred to must be used in the commitment of insane persons to any institution in this State.

Following is a copy of the form of medical certificate of insanity as issued by the commission:

[MEDICAL CERTIFICATE OF INSANITY—1909.]

STATE OF NEW HAMPSHIRE, }  
 County of ..... } ss.  
 City or town of .....

We, ..... a permanent resident of ..... County of ..... and State of New Hampshire, and ..... a permanent resident of ..... County of ..... and State aforesaid, being severally and duly sworn, do make oath and depose, each for himself, with the exceptions hereinafter noted, as follows:—

1. That I am a graduate of a legally chartered medical school or college; that I have been in actual practice as a physician for three years since said graduation and next preceding said oath; that I am registered in accordance with the law of this State; and that I do not hold any office or appointment in or connected with the institution for the insane to which this commitment is to be made.

2. That on the ..... day of ..... A. D. 19 .., I, the subscriber, personally examined with care and diligence ..... a resident of ..... County of ..... and State of New Hampshire, and as a result of such examination find, and hereby certify, that in my opinion he is insane and a proper subject for treatment and custody in some hospital, asylum or other institution for the insane, as an insane person, under the provisions of law.

3. That I have formed the above opinion from,

a. Facts indicating insanity, personally observed by me:

The patient said [*Here state what was said to each examiner separately, unless it was said to both.*]  
 -----  
 -----

The patient did [*Here state what the patient did in the presence of each examiner separately, unless it was done in the presence of both.*]  
 -----  
 -----  
 -----

The patient's appearance and manner were  
 -----  
 -----  
 -----

b. Other facts indicating insanity, including those communicated to me by others:—[*State whether there has been any change in the patient's mental condition and bodily health, and if so, what.*]  
 -----  
 -----

4. That the above statements are true, to the best of my knowledge, information and belief.

----- M. D.

----- M. D.

Subscribed and sworn to before me this.....day of....., 19....  
 Justice of the Peace.....  
 -----

Having personal acquaintance with the signers of the above certificate, I certify that the signatures are genuine, and the signers reputable physicians.

-----  
 Official Position.....

Place.....

Date .....19 .

Returns made to the board by the superintendents of the several county asylums and almshouses, show that on September 1, 1910, there were remaining at those institutions 124 insane persons, as against 126 in 1909. This is due to the fact that, owing to the lack of accommodations, these patients have not been, and cannot be at present, transferred to the New Hampshire State Hospital, as the law contemplates. On September 1, 1910, the State Hospital had 909 patients, the limit of its capacity.

If it is to be the continued policy of the state, as is now outlined by law, to care for all of the indigent insane, it will be necessary to construct additional buildings, and in so doing it would be wise to take into consideration the average annual increase of the insane. A glance at Table No. 10, will show that this class of unfortunates has increased in a ratio considerably larger than that of the increase in population.

COMMITMENTS

1909

TABLE No. 1 — COMMITMENTS.  
*Persons committed to the New Hampshire State Hospital during the year ending August 31, 1909.*

NAME.	AGE, SEX AND CONDITION.					Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.			
Keenan, Frank W.....	66	M.		W.	Widowed.....	Canada.....	Sept. 2, 1908	Berlin.
Campbell, Mary Agnes.....	18		F.	"	Single.....	New Hampshire.....	Sept. 5, 1908	Dover.
Endman, Edward.....	19	M.		"	".....	Prince Edward Island.....	Sept. 9, 1908	Stewartstown.
Berry, Marshall.....	48	"		"	".....	New Hampshire.....	Sept. 8, 1908	Freedom.
Bailey, Elvira E.....	50		F.	"	".....	Maine.....	Sept. 10, 1908	Concord.
Spensas, Angelika.....	36			"	Married.....	Syria.....	Sept. 12, 1908	Nashua.
Moulton, Charles G.....	43	M.		"	Single.....	Massachusetts.....	Sept. 12, 1908	New Boston.
Fisher, George W.....	60	"		"	Married.....	New Hampshire.....	Sept. 13, 1908	Keene.
Cofran, Samuel B.....	65	"		"	Single.....	Massachusetts.....	Sept. 14, 1908	Epsom.
Lastman, Luella E.....	35		F.	"	".....	".....	Sept. 14, 1908	Derry.
Clancy, John H.....	36	M.		"	Single.....	".....	Sept. 15, 1908	Berlin.
Gilman, Daniel S.....	73	"		"	Widowed.....	".....	Sept. 16, 1908	Tilton.
Smith, Edwin H.....	40	"		"	Single.....	".....	Sept. 18, 1908	Laconia.
Brown, Charles T.....	25	"		"	".....	".....	Sept. 19, 1908	Rye.
Bergeron, Joseph.....	38	"		"	".....	Canada.....	Sept. 19, 1908	Dover.
Saunders, Timothy.....	50	"		"	".....	England.....	Sept. 20, 1908	Peterborough.
Parker, Warren.....	32	"		"	".....	New Hampshire.....	Sept. 21, 1908	Concord.
Woods, Mary.....	35		F.	"	Married.....	".....	Sept. 21, 1908	Orford.
Boulanger, Charles.....	42	M.		"	".....	Vermont.....	Sept. 21, 1908	Berlin.
Johnson, Edward H.....	60	"		"	".....	Canada.....	Sept. 23, 1908	Candia.
Longval, Virginia.....	48		F.	"	Single.....	New Hampshire.....	Sept. 25, 1908	Manchester.
Fiske, Diantha L.....	85		"	"	".....	Massachusetts.....	Sept. 26, 1908	Dublin.
Merrill, Nellie.....	40		"	"	".....	New Hampshire.....	Sept. 26, 1908	Pittsfield.
Oleson, Elias.....	45	M.		"	".....	Norway.....	Sept. 29, 1908	Berlin.
Roberts, Fred.....	37	"		"	Married.....	New Hampshire.....	Sept. 30, 1908	Lancaster.
Bergeron, Mary E.....	65		F.	"	".....	Maine.....	Oct. 1, 1908	Dover.
Coombs, Martha H.....	64		"	"	Single.....	New Hampshire.....	Oct. 3, 1908	Stratford.
	68		"	"	".....	".....	Oct. 3, 1908	Concord.

Belanger, Joseph.....	29	M.	"	"	"	Canada.....	Oct.	5, 1908	Rochester.
Millard, Albert V.....	50	"	"	"	"	West Virginia.....	Oct.	5, 1908	Pembroke.
Boutwell, Lillian A.....	32	"	F.	Divorced.....	"	Massachusetts.....	Oct.	6, 1908	Hopkinton.
Peterson, Matilda.....	41	"	"	Married.....	"	Sweden.....	Oct.	8, 1908	Concord.
Leary, John.....	50	M.	"	"	"	Massachusetts.....	Oct.	9, 1908	Keene.
Tenny, Anna.....	53	"	F.	"	"	New Hampshire.....	Oct.	13, 1908	"
Dwyer, Annie.....	27	"	"	Single.....	"	Canada.....	Oct.	14, 1908	Manchester.
Laforest, John.....	40	M.	"	Widowed.....	"	Greece.....	Oct.	15, 1908	"
Roudon, Cousé.....	23	"	"	Married.....	"	Canada.....	Oct.	16, 1908	Berlin.
Morin, Cedulie.....	27	"	F.	"	"	"	Oct.	17, 1908	Groveton.
Gay, Louis.....	57	M.	"	Married.....	"	Sweden.....	Oct.	19, 1908	Clarkville.
Lefontaine, Louis.....	68	"	F.	"	"	Nova Scotia.....	Oct.	19, 1908	Chickster.
Carlson, August.....	37	"	"	Widow.....	"	New Hampshire.....	Oct.	21, 1908	Plymouth.
Margeson, Jane P.....	70	"	F.	Married.....	"	Maine.....	Oct.	21, 1908	Kingston.
Kimball, Francena.....	48	"	"	Single.....	"	New Hampshire.....	Oct.	21, 1908	Laconia.
Price, Charles J.....	22	M.	"	"	"	England.....	Oct.	22, 1908	Dover.
Beatty, Roland.....	19	"	"	Married.....	"	New Hampshire.....	Oct.	22, 1908	Hillsborough.
Riley, James.....	40	"	F.	"	"	Maine.....	Oct.	23, 1908	Portsmouth.
Morgan, Mary.....	23	"	"	Married.....	"	New Hampshire.....	Oct.	23, 1908	Danville.
Dunham, Etta W.....	40	M.	"	Single.....	"	Vermont.....	Oct.	24, 1908	Portsmouth.
Brown, Harry.....	42	"	"	Married.....	"	New Hampshire.....	Oct.	24, 1908	West Lebanon.
Jones, Thomas F.....	40	"	F.	"	"	Ireland.....	Oct.	26, 1908	Laconia.
Newcomb, Lizzie A.....	54	"	"	Single.....	"	Scotland.....	Oct.	27, 1908	Dover.
Trainer, Thomas A.....	26	M.	"	"	"	New Hampshire.....	Oct.	30, 1908	Newington.
Farrall, Thomas.....	53	"	"	Married.....	"	New Hampshire.....	Oct.	31, 1908	Grafton.
Stewart, Charles.....	75	"	"	Widowed.....	"	Maine.....	Oct.	31, 1908	Rockingham Co. Jail.
Tenney, Gustavus.....	75	"	"	Single.....	"	New Hampshire.....	Nov.	2, 1908	Portsmouth.
Chapman, William E.....	29	"	"	Widowed.....	"	"	Nov.	3, 1908	Concord.
Hurley, Celia.....	52	"	F.	"	"	"	Nov.	4, 1908	Rumery.
Carr, Jennie L.....	49	"	"	Single.....	"	Maine.....	Nov.	5, 1908	Keene.
Harris, Hannah.....	73	"	"	Married.....	"	New Hampshire.....	Nov.	5, 1908	Portsmouth.
Pratt, Maria R.....	38	"	"	"	"	Maine.....	Nov.	6, 1908	Madbury.
Davis, Lizzie.....	35	M.	"	"	"	New Hampshire.....	Nov.	6, 1908	Colebrook.
Williams, Charles E.....	59	"	"	Single.....	"	New Hampshire.....	Nov.	9, 1908	Gilsou.
Bedel, Alice.....	55	"	F.	Divorced.....	"	"	Nov.	9, 1908	Lebanon.
MacLaughlin, Marian.....	30	"	"	Single.....	"	"	Nov.	10, 1908	Concord.
Griffin, Katherine E.....	28	"	"	Married.....	"	"	Nov.	10, 1908	State Prison.
Tandy, Henry E.....	36	M.	"	"	"	"	Nov.	11, 1908	"
Davis, Fred E.....	29	"	"	Single.....	"	New Hampshire.....	Nov.	11, 1908	Westmoreland.
Gouin, Joseph.....	35	"	F.	"	"	Canada.....	Nov.	12, 1908	Derry.
Moise, Nellie J.....	35	"	"	"	"	"	Nov.		
Carrier, Phillipe.....	29	M.	"	"	"	"	Nov.		

TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Wetchell, Mamie.....	35			W.	New Hampshire.....	Nov. 14, 1908	Wolfeboro.
Sliver, George W.....	73	M.	F.	"	"	Nov. 15, 1908	East Concord.
Malloy, John.....	38			"	"	Nov. 16, 1908	Stewartstown.
Lambroborlow, Chrisoula.....	35		F.	"	Groce.....	Nov. 16, 1908	Manchester.
Davis, Arthur W.....	34	M.	F.	"	New Hampshire.....	Nov. 18, 1908	Newport.
Pinkham, Lily Abbie.....	34			"	"	Nov. 18, 1908	Alton.
Holt, Thomas M.....	24	M.		"	Massachusetts.....	Nov. 19, 1908	Salem.
Jackson, Stephen.....	81	"		"	New Hampshire.....	Nov. 20, 1908	Pittsfield.
Donagan, James J.....	76	"		"	Vermont.....	Nov. 24, 1908	Concord.
Sargent, Ida.....	48		F.	"	New Hampshire.....	Nov. 24, 1908	Milford.
Prince, Roney.....	40	M.		"	"	Nov. 24, 1908	Concord.
Drislane, Margaret.....	73		F.	"	Ireland.....	Nov. 25, 1908	Walpole.
Munroe, Harry E.....	53	M.		"	New Hampshire.....	Nov. 25, 1908	Amherst.
Hood, Susan P.....	45		F.	"	"	Nov. 27, 1908	Manchester.
Adomaitis, Anton.....	56	M.		"	Poland.....	Nov. 28, 1908	Lancsh.
Lachame, Julia.....	49		F.	"	Canada.....	Nov. 28, 1908	Haverhill.
Knight, Augusta B.....	87			"	Massachusetts.....	Dec. 1, 1908	New London.
Kelley, Henry B.....	34	M.		"	New Hampshire.....	Dec. 2, 1908	Nashua.
Wiltzinc, Fred E.....	29	"		"	Massachusetts.....	Dec. 4, 1908	Canaan.
Heath, George A.....	56	"		"	New Hampshire.....	Dec. 5, 1908	Claremont.
Hammel, Alfred.....	43	"		"	Canada.....	Dec. 5, 1908	Pembroke.
Arnold, Mary Ada.....	33		F.	"	New Hampshire.....	Dec. 7, 1908	Laconia.
Melvin, Albert T.....	25	M.		"	"	Dec. 9, 1908	Derry.
Hawes, Samuel C.....	43	"		"	"	Dec. 9, 1908	Hampton Falls.
Howe, William F.....	56	"		"	Massachusetts.....	Dec. 12, 1908	Manchester.
Wakefield, Mary.....			F.	"	Maine.....	Dec. 14, 1908	Littleton.
Ryan, Mary H.....	55			"	New York.....	Dec. 15, 1908	Nashua.
Welch, John.....	30	M.		"	New Hampshire.....	Dec. 16, 1908	Hancock.
Gates, Andrew J.....	70	"		"	"	Dec. 16, 1908	Walpole.
Tetreau, Ludger.....	44	"		"	Canada.....	Dec. 16, 1908	Manchester.
Roles, George A.....	54	"		"	New Hampshire.....	Dec. 17, 1908	Ossipee.



TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.					Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.			
Gervais Judger.....	57	M.		W.	Married.....	Canada.....	Feb. 6, 1909	Manchester.
Vallee, Emma.....	30		F.	"	"	"	Feb. 8, 1909	"
Boyle, James.....	40	M.		"	Widowed.....	New Hampshire.....	Feb. 9, 1909	"
Thompson, Timothy.....	74	"		"	"	Maine.....	Feb. 10, 1909	Carroll Co. Farm.
Merritt, John.....	47	"	F.	"	"	Ireland.....	Feb. 10, 1909	Hillsborough Co. Jail.
Davis, Harriet E.....	84			"	"	New Hampshire.....	Feb. 12, 1909	Concord.
Langford, Thomas.....	62	M.		"	"	Ireland.....	Feb. 15, 1909	Nashbury.
Stuart, Henry.....	45	"		"	"	New Hampshire.....	Feb. 16, 1909	Tuftonborough.
Garrett, Tony.....	58	"		B.	Unknown.....	South Carolina.....	Feb. 17, 1909	Dover.
Kearns, Jane.....	36	F.	"	W.	Widowed.....	Scotland.....	Feb. 17, 1909	Manchester.
Marshall, Lizzie B.....	41			"	Married.....	New York.....	Feb. 19, 1909	Manchester.
Mignault, Frank.....	46	M.		"	Single.....	New York.....	Feb. 22, 1909	Nashua.
Heath, Julia A.....	75		F.	"	Married.....	New Hampshire.....	Feb. 23, 1909	Dunbarton.
Dryer, Eliza.....	64		"	"	Single.....	England.....	Feb. 23, 1909	Newport.
Hooper, Otis T.....	70	M.		"	Married.....	Maine.....	Feb. 23, 1909	Gorham.
Clark, Charles C.....	74	"		"	Widowed.....	New Hampshire.....	Feb. 25, 1909	Anchester.
Fairfield, David G.....	28	"		"	Married.....	"	Feb. 25, 1909	Harrisville.
Dow, M. Louise.....	26	F.		"	Single.....	"	Feb. 25, 1909	McLean Hospital.
Colwell, Hatie L.....	21	"		"	Single.....	Rhode Island.....	Feb. 26, 1909	Laconia.
Hoyt, Nora M.....	42	"		"	Married.....	Ireland.....	Feb. 26, 1909	Tuftonborough.
Ryan, Michael.....	55	M.		"	Single.....	New York.....	Feb. 27, 1909	Nashua.
Jones, Mahelle.....	15		F.	"	Single.....	New Hampshire.....	Feb. 27, 1909	Alton.
Stannis, Deucas.....	24	M.		"	Single.....	Greece.....	Mar. 2, 1909	Manchester.
Rowe, Irvin A.....	21	"		"	Single.....	New Hampshire.....	Mar. 4, 1909	Nashua.
Evans, Arthur L.....	30	"		"	"	"	Mar. 4, 1909	Shelburne.
Trainor, Thomas A.....	26	"		"	"	"	Mar. 6, 1909	Laconia.
Caswell, Frank J.....	43	"		"	Married.....	"	Mar. 9, 1909	Concord.
Moulton, John M.....	55	"		"	Single.....	Maine.....	Mar. 9, 1909	Newington.
Wyatt, Thomas.....	46	"		"	Single.....	Canada.....	Mar. 10, 1909	Hillsborough Co. Farm.
Hull, Elmer A.....	18	"		"	Single.....	New Hampshire.....	Mar. 10, 1909	"

Besile, Isai.....	32	M.	"	"	Canada.....	Mar.	10, 1909	"	"
Name unknown.....	75	"	Widowed.	"	Poland.....	Mar.	10, 1909	"	"
Swan, Helen B.....	82	F.	Single.	"	New York.....	Mar.	11, 1909	Nashua.	"
Witham, Thomas J.....	25	M.	Married.	"	New Hampshire.....	Mar.	13, 1909	Deerfield.	"
Smith, Everett J.....	16	F.	"	"	"	Mar.	13, 1909	Manchester.	"
Beesley, Bessie.....	39	"	"	"	New Hampshire.....	Mar.	14, 1909	Portsmouth.	"
Metevier, Annie T.....	22	"	Single.	"	Nova Scotia.....	Mar.	15, 1909	"	"
Webster, Susie P.....	45	"	Widowed	"	Massachusetts.....	Mar.	16, 1909	Farmington.	"
Weymouth, Edwin L.....	93	B.	Married.	"	New Hampshire.....	Mar.	17, 1909	Merrimack Co. Farm.	"
Flanders, Robert K.....	66	W.	"	"	Virginia.....	Mar.	19, 1909	Concord.	"
Kennedy, Martha.....	30	"	"	"	Canada.....	Mar.	21, 1909	Berlin.	"
Nadweski, Mary.....	35	"	Single.	"	Poland.....	Mar.	29, 1909	Rockingham Co. Farm.	"
Porter, George B.....	27	M.	Widowed.	"	New Hampshire.....	Mar.	29, 1909	Plainfield.	"
Burr, Eben.....	80	"	Married.	"	Vermont.....	Mar.	30, 1909	Keene.	"
Bailey, Ernest.....	33	"	"	"	Canada.....	Mar.	30, 1909	Manchester.	"
Stickney, Frank L.....	48	"	Single.	"	New Hampshire.....	Mar.	31, 1909	Wentworth.	"
Belmare, Andrew.....	30	"	"	"	Quebec.....	April	3, 1909	Grafton Co. Farm.	"
Palardy, Theodore.....	40	"	"	"	Canada.....	April	3, 1909	Manchester.	"
Burns, Ella F.....	48	F.	"	"	New Hampshire.....	April	4, 1909	"	"
Rhines, Edith M.....	19	"	"	"	"	April	5, 1909	Farmington.	"
Purnort, Elizabeth.....	50	"	"	"	Minnesota.....	April	6, 1909	Lebanon.	"
McDuffie, Alice C.....	36	"	"	"	"	April	7, 1909	Dover.	"
Lucas, Freeman.....	37	M.	Married.	"	New Hampshire.....	April	8, 1909	Farmington.	"
Smith, Vianna.....	70	F.	Widowed.	"	Canada.....	April	9, 1909	Stewartstown.	"
Casey, Mary.....	49	"	Married.	"	Ireland.....	April	9, 1909	Gorham.	"
Potter, Phindens H.....	70	M.	Widowed.	"	New Hampshire.....	April	9, 1909	Conway.	"
Littlefield, Charles L.....	52	"	Single.	"	"	April	13, 1909	Newfields.	"
O'Leary, James.....	40	"	Widowed.	"	Ireland.....	April	15, 1909	Pratt Station.	"
Ellis, Hartwell.....	52	"	Married.	"	New Hampshire.....	April	15, 1909	Hampstead.	"
Reynolds, Mary F.....	78	"	"	"	"	April	16, 1909	Lebanon.	"
Ring, Frank C.....	49	M.	Widowed	"	"	April	16, 1909	Pittsfield.	"
Freeman, Emma Frances.....	57	F.	Single.	"	"	April	17, 1909	Lebanon.	"
Theroux, Eddie.....	11	M.	"	"	"	April	30, 1909	Nashua.	"
Cooper, Walter.....	60	"	Married.	"	Massachusetts.....	May	2, 1909	Sunapee.	"
Maloney, Michael J.....	37	"	Single.	"	Ireland.....	May	5, 1909	Dover.	"
Tilton, Lydia E.....	60	F.	Married.	"	New Hampshire.....	May	5, 1909	Laconia.	"
Mills, Annie L.....	34	"	Widowed.	"	"	May	7, 1909	Wakefield.	"
Hurd, Lucy A.....	77	"	Married.	"	"	May	8, 1909	Wilton.	"
Powers, Stephen D.....	74	M.	Widowed.	"	Vermont.....	May	9, 1909	Croydon.	"
Washburn, Vienna A.....	54	F.	Married.	"	Maine.....	May	10, 1909	Keene.	"
Bradford, Minnie F.....	42	"	Single.	"	Quebec.....	May	10, 1909	Concord.	"
Melvin, Albert T.....	26	M.	"	"	New Hampshire.....	May	10, 1909	Derry.	"

TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Cunningham, Hannah.....	70	.....	.....	W.	Ireland.....	11, 1909	Rochester.
Stephens, Julia Frances.....	34	.....	.....	"	New York.....	12, 1909	Lebanon.
St. Pierre, Seville.....	34	M.	.....	"	Canada.....	14, 1909	Manchester.
Boucher, Corina D.....	11	.....	F.	"	New Hampshire.....	15, 1909	Nashua.
Loonans, George.....	25	M.	.....	"	"	16, 1909	Concord.
Harty, David.....	63	.....	.....	"	Ireland.....	17, 1909	Walpole.
Little Emma E.....	52	.....	F.	Married.	New Hampshire.....	17, 1909	Concord.
Hartshorn, Mary.....	22	.....	"	"	Ireland.....	18, 1909	Manchester.
Brown, Susan J.....	37	.....	"	"	Massachusetts.....	18, 1909	Windham.
Burraby, Josephine.....	00	.....	"	Single.	Vermont.....	18, 1909	Nashua.
McDonald, Addie M.....	52	.....	"	Married.	New Hampshire.....	19, 1909	Harrisville.
Wentworth, Anna.....	53	.....	"	"	Maine.....	21, 1909	Tuftonborough.
Currier, Josephine.....	41	.....	"	"	New Hampshire.....	22, 1909	Laconia.
Bean, Mary Ann.....	00	.....	"	Widowed.	New Hampshire.....	22, 1909	Manchester.
O'Connell, Edward.....	32	M.	.....	Single.	"	24, 1909	Hopkinton.
Parker, Warren.....	33	"	.....	"	"	24, 1909	Concord.
Hebert, Arthur.....	16	"	.....	"	Canada.....	26, 1909	Manchester.
St. Amour, Juliet.....	49	.....	F.	Married.	"	27, 1909	Derry.
Gibson, Edwin J.....	66	M.	.....	"	Vermont.....	28, 1909	Nashua.
Pallier, Alexis.....	35	"	.....	"	Canada.....	29, 1909	Concord.
Berry, Ernest H.....	20	"	.....	Single.	New Hampshire.....	2, 1909	Manchester.
Tracy, Annie M.....	46	.....	F.	"	Ireland.....	2, 1909	Dover.
Moher, Catherine J.....	35	.....	"	"	"	2, 1909	Derry.
Jones, Clara E.....	35	.....	"	"	New Hampshire.....	2, 1909	Manchester.
Bartlett, Mary J.....	69	.....	"	Widowed.	New Hampshire.....	3, 1909	Franklin.
Turootte, Edward E.....	26	M.	.....	Single.	"	4, 1909	Ossipee.
Greaney, Maud.....	32	.....	F.	Married.	"	6, 1909	Manchester.
Kenniston, Bert.....	49	M.	.....	"	"	9, 1909	Franklin.
White, John M.....	83	"	.....	"	"	10, 1909	Ossipee.
Lery, Harley.....	33	"	.....	Single.	New Hampshire.....	14, 1909	Canaan.
Hayes, Samuel E.....	25	.....	"	"	"	14, 1909	Manchester.

Wallace, Berton.....	27	M.	F.	W.	"	"	June	15, 1909	Farmington.
Lafitte, Mary Ann.....	36	"	"	"	"	"	June	17, 1909	Pembroke (Suncooks).
Belduke, Napoleon.....	00	M.	"	"	"	"	June	17, 1909	Concord.
Duchene, Joseph.....	29	"	"	"	"	Canada.	June	19, 1909	Newbury.
Hurley, Dennis.....	45	"	"	"	"	Ireland.....	June	20, 1909	Manchester.
Bourgeois, Mary T.....	24	"	F.	"	"	Canada.....	June	21, 1909	Manchester.
Thomas, Arthur T.....	60	M.	"	"	"	Massachusetts.....	June	21, 1909	Concord.
Carter, John.....	32	"	F.	"	"	New Hampshire.....	June	23, 1909	Hill.
Meserve, Carrie A.....	46	"	"	"	"	"	June	25, 1909	Rochester.
Fuller, Harry.....	47	M.	"	"	"	"	June	28, 1909	Littleton.
Hennessey, Timothy.....	48	"	"	"	"	"	June	29, 1909	Forsmouth.
Rice, Harry.....	35	"	"	"	"	California.....	June	29, 1909	Derry.
Welsh, John.....	44	"	"	"	"	New Hampshire.....	June	30, 1909	Manchester.
Cunningham, Albert J.....	56	"	"	"	"	Maine.....	June	30, 1909	"
Hardy, Ethel L.....	21	"	F.	"	"	New Hampshire.....	July	1, 1900	"
Tay, Bradley.....	58	M.	"	"	"	Massachusetts.....	July	5, 1909	Lynneborough.
Butterfield, Samuel.....	48	"	"	"	"	Maine.....	July	6, 1909	Rochester.
Roberts, Emma.....	55	"	F.	"	"	Vermont.....	July	8, 1909	Orford.
Kimball, S. M.....	49	"	"	"	"	New Hampshire.....	July	10, 1909	Kingston.
Roberts, Forwardener S. M.....	49	"	"	"	"	"	July	10, 1909	"
Moineau, Eugene.....	26	"	"	"	"	Canada.....	July	10, 1909	Manchester.
Gilmartin, Edwin W.....	29	M.	"	"	"	New Hampshire.....	July	10, 1909	Nashua.
Howard, Jennie.....	35	"	F.	"	"	Canada.....	July	11, 1909	"
Kandarian, Nazanee.....	25	"	"	"	"	New Hampshire.....	July	16, 1909	Manchester.
Phulbrick, Charles E.....	35	M.	"	"	"	Turkey.....	July	16, 1909	Pittsfield.
Beauchesne, Isaac.....	78	"	"	"	"	New Hampshire.....	July	16, 1909	Manchester.
Bruce, Carl.....	18	"	"	"	"	Canada.....	July	17, 1909	"
Kelly, Patrick.....	35	"	"	"	"	New Hampshire.....	July	22, 1909	"
Calahan, W. Findley.....	56	"	"	"	"	Ireland.....	July	24, 1909	Dover.
Flisk, Peter.....	48	"	"	"	"	Prince Edward Island.....	July	26, 1909	Rumney.
Farrar, Fiske.....	61	"	"	"	"	Germany.....	July	26, 1909	Hillsborough.
Le Mere, William.....	33	"	"	"	"	Massachusetts.....	July	25, 1909	Rundge.
Glover, Lina Mae.....	63	"	"	"	"	New York.....	July	28, 1909	Keene.
Tillison, Elvira M.....	31	"	F.	"	"	New Hampshire.....	July	28, 1909	Brentwood.
Morse, Sarah J.....	23	"	"	"	"	"	July	29, 1909	Manchester.
Ladd, Harvey A.....	76	"	"	"	"	"	Aug.	3, 1909	Lyme.
Lang, Lester.....	22	M.	"	"	"	"	Aug.	5, 1909	Tuftonborough.
Golan, Thomas J.....	40	"	"	"	"	Maine.....	Aug.	6, 1909	Munroe.
Lee, Harold.....	41	"	"	"	"	Vermont.....	Aug.	7, 1909	Manchester.
Marsh, Mary F.....	66	"	F.	"	"	New Hampshire.....	Aug.	10, 1909	Concord.
Cobb, Fay Hill.....	16	"	"	"	"	"	Aug.	14, 1909	Nashua.
Donnelly, Edward.....	60	M.	"	"	"	"	Aug.	16, 1909	Campton.
Clark, Jennie A.....	30	"	"	"	"	"	Aug.	17, 1909	Grantham.
	32	"	F.	"	"	"	Aug.	18, 1909	Lebanon.

TABLE No. 1.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.					Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.			
Moody, Dana.....	77	M.	.....	W.	Married.....	New Hampshire.....	Aug. 24, 1909	Newport.
County, Mary J.....	32	.....	F.	.....	Single.....	.....	Aug. 25, 1909	Manchester.
<i>Persons committed to the Rockingham County Asylum during the year ending August 31, 1909.</i>								
None reported.								
<i>Persons committed to the Strafford County Almshouse during the year ending August 31, 1909.</i>								
Lowell W. Hawkes.....	65	M.	.....	W.	Single.....	American.....	April 16, 1909	Rollinsford.
<i>Persons committed to the Belknap County Asylum during the year ending August 31, 1909.</i>								
Carrie D. Buckmore.....	69	.....	F.	W.	Widowed.....	English.....	Feb. 4, 1909	Alton.
John Clark.....	81	.....	M.	.....	.....	American.....	Jan. 22, 1909	Lakeport.
<i>Persons committed to the Merrimack County Almshouse during the year ending August 31, 1909.</i>								
None reported.								

*Persons committed to the Hillsborough County Asylum during the year ending August 31, 1909.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Charles G. Moulton.....	43	M.		W.	American.....	Sept. 9, 1908	New Boston.
Angelika Spenas.....	36		F.	"	Syrian.....	Sept. 9, 1908	Nashua.
Cousi Rondom.....	23	M.		"	Greek.....	Oct. 8, 1908	Manchester.
Chrisoula Lambrouloun.....	35		F.	"	"	Nov. 10, 1908	"
William Howe.....	56	M.		"	American.....	Dec. 4, 1908	"
Ludger Tetreau.....	44		"	"	French.....	Dec. 12, 1908	"
Beate Kristenson.....	65		F.	"	Swede.....	Jan. 6, 1909	Millford.
H. Panton.....	64		"	"	American.....	Jan. 7, 1909	Nashua.
Elmer Hull.....	95	M.		"	French.....	Jan. 14, 1909	Nashua.
Thomas Wyatt.....	18	"	"	"	American.....	Mar. 1, 1909	Manchester.
Ernest Boiley.....	40	"	"	"	French.....	Mar. 1, 1909	Weare.
Isai Basile.....	75	"	"	"	Polander.....	Mar. 1, 1909	Mason.
Ernest Boiley.....	32	"	"	"	French.....	Mar. 1, 1909	Manchester.
James O'Leary.....	33	"	"	"	"	Mar. 27, 1909	"
Mary Hartshorn.....	40	"	"	"	Irish.....	Apr. 6, 1909	Pratt Station.
Jennie Howard.....	22	"	"	"	"	May 15, 1909	Manchester.
Nauger Kaudarian.....	30		F.	"	French.....	July 14, 1909	Nashua.
	25		"	"	Armenian.....	July 14, 1909	Manchester.
Peter Flick.....	48	M.		"	Jew.....	July 24, 1909	Hillsborough.

*Persons committed to the Cheshire County Asylum during the year ending August 31, 1909.*

None reported.

*Persons committed to the Sullivan County Asylum during the year ending August 31, 1909.*

Dana Moody.....	77	M.		W.	American.....	July 22, 1909	Newport.
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*Persons committed to the Grafton County Asylum during the year ending August 31, 1910.*

None.

*Persons committed to the Coos County Asylum during the year ending August 31, 1910.*

None.



DISCHARGES

1909

TABLE No. 2.—DISCHARGES.  
*Persons discharged from the New Hampshire State Hospital during the year ending August 31, 1909.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.	
	Years.	Male.	Female.	Color.			Single, married or widowed.	Days.	Months.		Years.
Whitmore Albia.....	42	M.	.....	W.	Married.....	Maine.....	Sept. 1, 1908	.....	4	15	Much improved.
Berube, Joseph Arby.....	26	"	.....	"	Single.....	Canada.....	Sept. 1, 1908	.....	2	2	Recovered from alcoholism.
Nelson, Blanche.....	23	"	.....	"	"	Vermont.....	Sept. 2, 1908	.....	6	22	"
Woods, Charles O.....	24	M.	F.	"	"	New Hampshire.....	Sept. 4, 1908	.....	9	5	Much improved.
Mack, John E.....	30	"	.....	"	"	Massachusetts.....	Sept. 4, 1908	.....	23	3	Recovered from alcoholism.
Donovan, Michael H.....	29	"	.....	"	"	Canada.....	Sept. 5, 1908	.....	2	3	"
Danneau, Phillip.....	47	"	.....	"	Married.....	New Brunswick.....	Sept. 7, 1908	.....	27	4	"
Blodgett, Charlotte E.....	41	F.	.....	"	"	New Brunswick.....	Sept. 7, 1908	.....	23	3	"
Wilcox, Robert E.....	65	M.	.....	"	"	Connecticut.....	Sept. 9, 1908	.....	1	17	"
Osgood, Frank J.....	68	"	.....	"	Widowed.....	New Hampshire.....	Sept. 10, 1908	.....	21	11	"
Bradbury, Mary E.....	38	"	.....	"	Married.....	New Hampshire.....	Sept. 10, 1910	.....	8	.....	"
Keenan, Frank W.....	66	M.	.....	"	Widowed.....	Massachusetts.....	Sept. 12, 1908	.....	10	.....	Recovered from acute alcoholism.
Davis, Arthur W.....	26	"	.....	"	"	Canada.....	Sept. 15, 1908	2	1	16	Recovered from alcoholism.
Wilson, Edward Elias.....	34	"	.....	"	Single.....	New Hampshire.....	Sept. 17, 1908	.....	2	7	Not insane.
Storm, Mary E.....	35	F.	.....	"	Married.....	New Brunswick.....	Sept. 18, 1908	.....	5	8	Not improved.
Gorman, Patrick.....	40	M.	.....	"	"	Ireland.....	Sept. 19, 1908	.....	1	2	Recovered from alcoholism.
Fillion, Auguste.....	19	"	.....	"	"	Canada.....	Sept. 26, 1908	4	11	20	Much improved.
Simons, Edith M.....	18	"	.....	"	Single.....	New Hampshire.....	Sept. 29, 1908	.....	3	16	Recovered.
Flanders, Stowbridge.....	55	M.	.....	"	Married.....	"	Oct. 2, 1908	.....	4	27	Improved.
Caswell, Frank J.....	42	"	.....	"	Single.....	"	Oct. 4, 1908	.....	5	21	Much improved.
Silva, Rosa.....	92	F.	.....	"	"	Portugal.....	Oct. 5, 1908	.....	3	27	Recovered.
Parker, Warren.....	32	"	.....	"	"	New Hampshire.....	Oct. 7, 1908	.....	17	.....	Recovered from acute alcoholism.
Desmond, Patrick.....	43	M.	.....	"	Widowed.....	Ireland.....	Oct. 9, 1908	1	.....	20	Eloped.
Kiley, Nellie.....	33	F.	.....	"	Single.....	Ireland.....	Oct. 15, 1908	3	1	25	Recovered.
Hazelton, Mary E.....	59	"	.....	"	Married.....	New York.....	Oct. 16, 1908	.....	2	16	Much improved.
Bailey, Elvira E.....	50	"	.....	"	Single.....	Maine.....	Oct. 23, 1908	.....	1	13	Recovered.
Belanger, Joseph.....	29	M.	.....	"	"	Canada.....	Oct. 27, 1908	.....	22	22	Recovered from acute alcoholism.
Prucee, Eleonard.....	35	"	.....	"	"	Rhode Island.....	Oct. 29, 1908	.....	2	8	Recovered.



TABLE No. 2.—Continued.—DISCHARGES.

NAME.	AGE, SEX AND CONDITION.			Nationality.	Date of discharge.	How long at institution.			Condition when discharged.		
	Years.	Male.	Female.			Color.	Single, married or widowed.	Years.		Months.	Days.
								Years.		Months.	Days.
Gibson, Wilbert.....	26	M.	.....	.....	New Hampshire.	Mar. 11, 1909	1	6	27	Much improved.	
Thyng, Herbert M.....	34	M.	.....	W.	"	Mar. 17, 1909	1	7	4	"	
Mausur, Edwin.....	28	M.	.....	"	"	Mar. 19, 1909	3	5	10	Recurrent recovery.	
Melvin, Albert T.....	25	"	.....	"	"	Mar. 23, 1909	3	14	14	Not improved.	
Riley, James.....	40	"	.....	"	"	Mar. 23, 1909	5	1	.....	Recovered.	
Getchell, Mammie.....	35	"	F.	.....	England.....	Mar. 23, 1909	5	1	.....	"	
Ryan, Mary H.....	55	"	.....	"	New Hampshire.	Mar. 26, 1909	4	12	.....	Improved.	
Hughes, Francis J.....	29	M.	.....	"	New York.....	Mar. 31, 1909	3	8	16	Not improved.	
Wilson, Hiram P.....	50	"	.....	"	Rhode Island..	April 1, 1909	2	7	30	Not improved.	
Yeaton, James.....	43	"	.....	"	New Hampshire.	April 9, 1909	3	3	8	Improved from general paralysis.	
Hawes, Samuel C.....	43	"	.....	"	"	April 17, 1909	11	25	11	Eloped. Not improved.	
Rice, James C.....	..	"	.....	"	"	April 21, 1909	4	12	.....	Much improved.	
Kelley, Josephine K.....	..	"	F.	.....	"	April 29, 1909	1	11	.....	Improved.	
Purdy, William A.....	21	M.	.....	"	Massachusetts	April 30, 1909	6	3	18	Much improved.	
Webster, Susie P.....	42	"	.....	"	Nova Scotia.....	May 1, 1909	3	12	.....	Recovered.	
Pulrady, Theodore.....	40	M.	F.	.....	Massachusetts	May 2, 1909	1	16	29	Recovered from morphinomania.	
Malloy, Mary A.....	52	"	.....	"	Canada.....	May 7, 1909	3	22	20	Recovered from alcoholism.	
Marshall, Lizzie B.....	41	"	F.	.....	Massachusetts	May 9, 1909	2	20	.....	Recovered.	
Wood, George Dudley.....	55	"	.....	"	New Hampshire.	May 15, 1909	4	8	.....	"	
Lachance, Julia.....	49	"	.....	"	Canada.....	May 17, 1909	5	16	.....	Not improved.	
Roberts, Fred.....	37	M.	.....	"	New Hampshire.	May 17, 1909	7	17	17	Much improved.	
Mastro, Desdemona.....	46	"	F.	.....	West Indies.....	May 20, 1909	9	1	.....	"	
MacLaughlin, Marion.....	36	"	.....	.....	New Hampshire.	May 22, 1909	6	13	.....	Recovered.	
Rhines, Edith M.....	19	"	.....	.....	"	May 22, 1909	1	17	.....	Recurrent recovery.	
Little, Emma B.....	52	"	.....	"	"	May 24, 1909	.....	7	.....	Improved.	
Levanis, George.....	25	M.	.....	"	Not known.....	May 24, 1909	.....	8	.....	Not insane.	
Bradford, Minnie F.....	42	"	F.	.....	Quebec.....	May 25, 1909	.....	15	.....	Improved.	
O'Connell, Edward.....	32	M.	.....	"	New Hampshire.	May 26, 1909	.....	3	.....	Recovered from alcoholism.	

Flanders, Robert K.	66	M.	W.	Married.	New Hampshire.	May 26, 1909	2	5	Recovered from alcoholism
Weymouth, Edwin L.	25	"	"	Single.	"	May 26, 1909	9	9	Recovered.
Gay, Louis.	57	"	"	Married.	Canada.	May 26, 1909	7	9	Recov'd, alcoholic confusional insanity.
Williams, Charles E.	59	"	"	"	Maine.	May 29, 1909	6	23	Much improved.
Martin, Roger.	17	"	"	Single.	New Hampshire.	June 5, 1909	4	20	"
Trainor, Thomas.	26	"	"	"	"	June 5, 1909	3	4	"
Gagnon, Lena.	..	F.	"	"	Canada.	June 5, 1909	1	21	Improved.
Fisher, George W.	..	M.	"	Married.	New Hampshire.	June 7, 1909	8	3	Eloped, improved.
Willzine, Fred E.	29	"	"	Single.	Massachusetts.	June 9, 1909	6	3	Improved.
Hale, Robert.	..	"	"	"	New Hampshire.	June 10, 1909	10	25	Recovered.
Campbell, Mary Agnes	..	F.	"	"	"	June 18, 1909	9	5	Recovered from alcoholism.
Parker, Warren.	33	M.	"	"	"	June 18, 1909	10	25	Improved.
Parker, Helen A.	..	F.	"	"	"	June 18, 1909	7	10	Recurrent recovery.
Griffin, Katherine E.	..	"	"	"	"	June 19, 1909	7	10	Eloped, recovered.
Roudon, Cousé.	23	M.	"	"	"	June 20, 1909	8	5	Not improved.
Lee, Mary.	30	F.	"	Married.	New Hampshire.	June 22, 1909	5	29	Not improved.
Maloney, Michael.	37	M.	"	Married.	Ireland.	June 24, 1909	1	19	Recovered from acute alcoholism.
Sargent, Ida.	48	F.	"	Widowed.	New Hampshire.	June 25, 1909	7	1	Much improved.
Cooper, Walter.	60	M.	"	Single.	Massachusetts.	June 28, 1909	1	26	Much improved.
Smith, Carrie C.	..	F.	"	Married.	"	July 5, 1909	1	29	Much improved.
Ardomarkis, Anton.	56	M.	"	"	Poland.	July 6, 1909	7	8	Recovered.
Carr, Jennie L.	49	"	"	"	New Hampshire.	July 7, 1909	8	4	Not improved.
Gouin, Joseph.	35	M.	"	Widowed.	"	July 9, 1909	7	29	Returned to prison, recovered.
Vallé, Clément.	19	"	"	Single.	Canada.	July 9, 1909	6	20	"
Burns, Ella F.	48	F.	"	"	New Hampshire.	July 9, 1909	3	5	Not improved.
Duchene, Joseph.	29	M.	"	"	Canada.	July 12, 1909	23	23	Recovered from alcoholism.
Washington, Vienna A.	54	F.	"	Married.	Maine.	Aug. 2, 1909	2	23	Not improved.
Merrill, Nellie.	41	"	"	Single.	Massachusetts.	Aug. 22, 1909	10	27	Not improved.
Purnort, Elizabeth.	50	"	"	"	New Hampshire.	Aug. 24, 1909	4	18	Recurrent recovery.
Chasse, Enaele V.	41	M.	"	"	Canada.	Aug. 24, 1909	1	4	Much improved.
Mills, Annie L.	34	F.	"	Married.	New Hampshire.	Aug. 24, 1909	3	14	Recovered.
Lee, Harold.	41	M.	"	Divorced.	Vermont.	Aug. 25, 1909	15	15	Recovered from alcoholism.
Chapman, William E.	37	"	"	Single.	Maine.	Aug. 25, 1909	8	2	Not insane.
Legendre, Agnes.	20	F.	"	"	"	Aug. 25, 1909	7	25	Much improved.
Possé, Anna E.	45	"	"	Married.	Canada.	Aug. 27, 1909	5	10	"
Berry, Ernest H.	26	M.	"	"	New Hampshire.	Aug. 30, 1909	2	28	Improved.
Métievier, Anne T.	22	F.	"	Married.	"	Aug. 30, 1909	5	15	Not improved.

Persons discharged from the Rockingham County Asylum during the year ending August 31, 1909.

None.

TABLE No. 2.—Continued.—DISCHARGES.

*Persons discharged from the Strafford County Almshouse during the year ending August 31, 1909.*

None.

*Persons discharged from the Belknap County Almshouse during the year ending August 31, 1909.*

None.

*Persons discharged from the Carroll County Asylum during the year ending August 31, 1909.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.	
	Years.	Male.	Female.	Color.			Single, married or widowed.	Years.	Months.		Days.
Reuben R. Flanders.....	61	M.	.....	W.	Married....	American.....	Sept. 22, 1909	5	6	....	

*Persons discharged from the Merrimack County Asylum during the year ending August 31, 1909.*

None.

*Persons discharged from the Hillsborough County Asylum during the year ending August 31, 1909.*

Susie P. Hood.....	47	.....	F.	.....	W.	Married....	American.....	Nov. 27, 1908	8	11	27	Returned to State Hospital.
Charles G. Moulton.....	43	.....	M.	.....	"	Single.....	"	Sept. 10, 1908	.....	.....	15	Transferred to State Hospital.





DEATHS.

1909.

TABLE No. 3.—DEATHS.

Persons who died at the New Hampshire State Hospital during the year ending August 31, 1909.

NAME.	AGE, SEX AND CONDITION.					Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.	Single, married or widowed.			
Mathews, Edwin	65	M.	..	W.	Widowed	New Hampshire.	Sept. 1, 1908	Chronic interstitial nephritis.
Dean, Sarah	56	..	F.	"	"	Canada.	Sept. 1, 1908	Uræmia.
Dustin, Rosaline	76	..	"	"	"	Vermont.	Sept. 2, 1908	Myocarditis.
Stack, William	56	M.	..	"	Single	Canada.	Sept. 9, 1908	Cerebral hemorrhage.
Blair, James P.	55	"	..	"	Married	United States.	Sept. 19, 1908	Strangulation.
Gilman, Daniel S.	73	"	..	"	Widowed	New Hampshire.	Sept. 22, 1908	Organic heart disease.
Barr, John	54	"	..	"	Married	New York.	Oct. 2, 1908	Paresis.
Soollard, Cornelius	46	"	..	"	"	Ireland.	Oct. 5, 1908	Chronic myocarditis.
Jackson, Lot	63	"	..	"	Widowed	England.	Oct. 7, 1908	Enteritis.
Woodward, Jacob N.	80	"	..	"	Married	New Hampshire.	Oct. 9, 1908	Cerebral embolism.
Cole, Lizzie A.	65	M.	F.	"	"	"	Oct. 10, 1908	Cerebral hemorrhage.
Wellman, Israel P.	80	M.	F.	"	Widowed	"	Oct. 13, 1908	Valvular disease of heart.
Babb, Sally	74	..	F.	"	Married	"	Oct. 17, 1908	Chronic interstitial nephritis.
Duclos, Susie	37	..	F.	"	"	France.	Oct. 29, 1908	Exhaustion in chronic dementia.
Brown, Christie W.	62	M.	..	"	"	New Hampshire.	Oct. 31, 1908	Valvular disease of heart.
Bergeron, Mary E.	48	..	F.	"	"	Maine.	Nov. 3, 1908	Suicide by strangulation.
Margeson, Jane P.	79	..	"	"	"	Nova Scotia.	Nov. 4, 1908	Exhaustion in senile dementia.
Kimball, George B.	43	M.	..	"	Widowed	New Hampshire.	Nov. 10, 1908	Paresis.
Moore, Philander	79	"	..	"	Married	Vermont.	Nov. 14, 1908	Enteritis.
White, James M.	63	"	..	"	Single	New Hampshire.	Nov. 17, 1908	Exhaustion in senile dementia.
O'Brien, Bridget	53	..	F.	"	Married	Ireland.	Nov. 22, 1908	Valvular disease of heart.
Jackson, Stephen	81	M.	F.	"	Widowed	New Hampshire.	Nov. 24, 1908	Exhaustion in senile dementia.
Edmonds, Mary M.	73	..	F.	"	"	Ireland.	Nov. 27, 1908	Exhaustion in senile dementia.
Genelle, Margaret	50	..	"	"	Married	Canada.	Dec. 4, 1908	Paresis.
Hendricks, Mary A.	41	M.	..	"	"	Massachusetts.	Dec. 4, 1908	Cerebral hemorrhage.
Sides, Frank	55	"	..	"	"	New Hampshire.	Dec. 9, 1908	Cerebral hemorrhage.
Kelley, Henry	34	..	"	"	"	"	Dec. 13, 1908	Paresis.

52	Hill, David A.	M.		W.	"	Maine.	Dec. 15, 1908	Valvular disease of heart.
73	Silver, George W.	"		"	Widowed.	New Hampshire.	Dec. 17, 1908	Myocarditis.
23	Whitler, Orville.	"		"	Widowed.	New Hampshire.	Dec. 19, 1908	Pulmonary tuberculosis.
69	Bliss, Cyrus.	"		"	Married.	New Hampshire.	Dec. 22, 1908	Organic heart disease.
41	Gray, Joseph.	"		"	"	Canada.	Dec. 24, 1908	Exhaustion in senile dementia.
41	Demars, Frank L.	"		"	"	New Hampshire.	Dec. 26, 1908	Cerebral hemorrhage.
52	Philbrick, Daniel.	"		"	"	New Hampshire.	Dec. 29, 1908	Exhaustion in epileptic dementia.
45	Elsmore, Mary.	F.		"	"	Canada.	Jan. 1, 1909	Exhaustion in acute mania.
53	Daniels, Charles.	M.		"	Single.	New Hampshire.	Jan. 2, 1909	Pulmonary tuberculosis.
54	Brown, Mary Ray.	"		"	"	"	Jan. 3, 1909	Hypostatic pneumonia.
77	Baldwin, Lucy A.	"		"	Widowed.	Ireland.	Jan. 6, 1909	Exhaustion in senile dementia.
73	Drislane, Margaret.	"		"	"	New Hampshire.	Jan. 8, 1909	Exhaustion in senile dementia.
75	Tenney, Gustavus.	M.		"	"	Vermont.	Jan. 9, 1909	Exhaustion in senile dementia.
65	Haviland, Maria.	F.		"	Married.	Rhode Island.	Jan. 9, 1909	Exhaustion in secondary dementia.
62	Sanders, Mary A.	"		"	"	New Hampshire.	Jan. 10, 1909	Exhaustion in organic dementia.
83	Sanborn, Joseph B.	M.		"	Widowed.	Germany.	Jan. 10, 1909	Paresis.
86	Apple, Sophia.	"		"	"	New Hampshire.	Jan. 13, 1909	Valvular disease of heart.
63	Dimond, Henry C.	M.		"	Single.	"	Jan. 14, 1909	Paresis.
53	Plumer, Edward.	"		"	"	"	Jan. 21, 1909	Cerebral hemorrhage.
52	Sloan, Fred E.	"		"	"	"	Jan. 25, 1909	Cerebral hemorrhage.
62	Descateaux, Nobert.	"		"	Married.	Canada.	Jan. 26, 1909	Paresis.
29	Sears, Felix.	"		"	Single.	New Hampshire.	Jan. 26, 1909	Exhaustion in senile dementia.
87	Knight, Augusta B.	"		"	Widowed.	Vermont.	Jan. 31, 1909	Pulmonary tuberculosis.
71	Lawrence, Amy E.	F.		"	Married.	Massachusetts.	Feb. 2, 1909	Exhaustion in senile dementia.
36	Noyes, Russell.	M.		"	Single.	New Hampshire.	Feb. 5, 1909	Exhaustion in senile dementia.
53	Farell, Thomas.	"		"	"	"	Feb. 9, 1909	Pulmonary tuberculosis.
36	Aiken, Charles.	"		"	Unknown.	Ireland.	Feb. 11, 1909	Enterocolitis.
84	Davis, Harriet E.	"		"	Married.	New Hampshire.	Feb. 12, 1909	Pulmonary tuberculosis.
50	Saltmarsh, Charles M.	M.		"	"	"	Feb. 19, 1909	Exhaustion in senile dementia.
53	Munroe, Harry F.	"		"	Widowed.	Massachusetts.	Feb. 23, 1909	Exhaustion in general paralysis.
74	Clark, Charles C.	"		"	Married.	New Hampshire.	Feb. 28, 1909	Sepsis.
75	Thomas, Marie A.	F.		"	"	"	Feb. 28, 1909	Valvular disease of heart.
69	Mahoney, Patrick.	M.		"	Married.	New Hampshire.	Mar. 2, 1909	Organic dementia.
56	Walker, Ruth L. S.	"		"	"	New York.	Mar. 4, 1909	Chronic myocarditis.
64	Coombs, Martha H.	"		"	"	Maine.	Mar. 5, 1909	Exhaustion in acute confusional insanity.
57	Learned, Charles H.	M.		"	Single.	New Hampshire.	Mar. 6, 1909	Exhaustion in involution melancholia.
48	Shute, George.	"		"	"	"	Mar. 8, 1909	Cerebral hemorrhage.
61	Hanson, Stephen A.	"		"	"	"	Mar. 14, 1909	Paresis.
31	Hannon, Patrick.	"		"	Married.	Maine.	Mar. 18, 1909	Pulmonary tuberculosis.
67	McCooley, Mary A.	"		"	Single.	New Hampshire.	Mar. 19, 1909	Pulmonary tuberculosis.
58	Huckins, Hannah.	F.		"	Widowed.	Ireland.	Mar. 28, 1909	Exhaustion in melancholia.
30	Belmare, Andrew.	M.		"	"	New Hampshire.	April 2, 1909	Exhaustion in senile dementia.
40	Quinn, John.	"		"	Single.	Quebec.	April 5, 1909	Gangrene of feet.
						New Hampshire.	April 6, 1909	Pulmonary tuberculosis.

TABLE No. 3.—Continued.—DEATHS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
Monteth, Walter A.	52	M.	.....	W.	Canada	April 10, 1909	Paresis.
Byaus, Arthur L.	36	"	.....	"	New Hampshire	April 13, 1909	Exhaustion in general paralysis.
Praire, Louis	40	"	.....	"	Unknown	April 17, 1909	Pulmonary tuberculosis.
Smith, Charles C.	52	"	.....	"	New Hampshire	April 17, 1909	Exhaustion in chronic dementia.
Swain, Helen B.	82	"	F.	"	New York	April 24, 1909	Enteritis.
Wehster, Daniel	67	M.	.....	"	Massachusetts	May 1, 1909	Exhaustion in senile dementia.
Pettazzi, Frank	36	"	.....	"	Italy	May 4, 1909	Paresis.
Marion, Hervey	25	"	.....	"	New Hampshire	May 5, 1909	Epilepsy.
Goodell, Edward H.	37	"	.....	"	"	May 18, 1909	Paresis.
Clark, Nathaniel	74	"	.....	"	"	May 19, 1909	Exhaustion in secondary dementia.
Cunningham, Hannah	70	"	.....	"	Ireland	May 22, 1909	Organic dementia.
Guertin, Joseph	61	M.	.....	"	Canada	May 25, 1909	Pulmonary tuberculosis.
Lemieux, Guillaume	77	"	.....	"	French	May 27, 1909	Exhaustion in senile dementia.
Piehorn, Lorenz	36	"	.....	"	Austria	May 28, 1909	Paresis.
Powers, George P.	55	"	.....	"	New Hampshire	May 29, 1909	Exhaustion in chronic dementia.
Tilton, Lydia E.	66	"	F.	"	"	May 30, 1909	Organic heart disease.
Stewart, Charles	75	M.	.....	"	Scotland	June 2, 1909	Strangulation (suicide).
Penton, Henry	95	"	.....	"	Canada	June 11, 1909	Exhaustion in senile dementia.
Cunningham, Thomas F.	50	"	.....	"	New York	June 17, 1909	Paresis.
McDonald, Addie M.	52	"	F.	"	Vermont	June 21, 1909	Cerebral hemorrhage in paresis.
Pelletier, Pierre Alexis	35	M.	.....	"	Canada	June 21, 1909	Loba pneumonia.
Bassilian, Solomon	37	"	.....	"	"	June 22, 1909	Pulmonary tuberculosis.
Smith, George	57	"	.....	"	New Hampshire	June 22, 1909	Heat exhaustion.
Cartier, John	32	"	.....	"	"	June 25, 1909	Acute alcoholism.
Coleridge, Thomas	84	"	.....	"	Russia	June 28, 1909	Loba pneumonia.
Zovizian, Michael	28	"	.....	"	Armenia	June 28, 1909	Pulmonary tuberculosis.
Sturtevant, George A.	65	"	.....	"	New Hampshire	July 5, 1909	Organic heart disease.
Brown, Charles T.	25	"	.....	"	"	July 8, 1909	Exhaustion in dementia precox.
Sugrue, John	37	"	.....	"	Ireland	July 11, 1909	Pulmonary tuberculosis.

Butterfield, Samuel.....	48	M.	.....	W.	Married.....	Maine.....	July 12, 1909	12, 1909	Suicide by cutting throat.
Nelson, Carl.....	38	"	.....	"	Single.....	Sweden.....	July 13, 1909	13, 1909	Exhaustion in chronic dementia.
Bartlett, Mary J.....	69	F.	.....	"	Widowed.....	New Hampshire.....	July 14, 1909	14, 1909	Chronic interstitial nephritis.
Rueg, George H.....	77	M.	.....	"	.....	"	July 14, 1909	14, 1909	Arteriosclerosis.
Jackson, Oliver.....	74	"	.....	"	Married.....	Maine.....	July 19, 1909	19, 1909	Exhaustion in senile dementia.
Tobin, James B.....	35	"	.....	"	Single.....	New Hampshire.....	July 20, 1909	20, 1909	Paresis.
Burraby, Josephine.....	21	F.	.....	"	.....	"	July 21, 1909	21, 1909	Valvular disease of heart.
Bullard, Fred K.....	43	M.	.....	"	Married.....	New Hampshire.....	July 25, 1909	25, 1909	Paresis.
Tibbetts, Carrie M.....	31	F.	.....	"	Single.....	"	July 27, 1909	27, 1909	Pulmonary tuberculosis.
McCrystal, Mary.....	70	"	.....	"	Widowed.....	Ireland.....	July 28, 1909	28, 1909	Exhaustion in senile dementia.
Patten, John A.....	65	M.	.....	"	Married.....	New Hampshire.....	July 31, 1909	31, 1909	Exhaustion in organic dementia.
Belduke, Napotoon.....	60	"	.....	"	"	"	Aug. 28, 1909	28, 1909	Hypostatic pneumonia with cerebral hemorrhage.
Moody, Dana.....	77	"	.....	"	"	"	Aug. 31, 1909	31, 1909	Exhaustion in senile dementia.

*Persons who died at the Rockingham County Asylum during the year ending August 31, 1909.*  
None.

*Persons who died at the Strafford County Asylum during the year ending August 31, 1909.*

Hawkes Lowell W.....	65	M.	.....	W.	Single.....	American.....	April 18, 1909	18, 1909	Cut his throat at Rutherford, N. H.
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*Persons who died at the Belknap County Asylum during the year ending August 31, 1909.*  
None.

*Persons who died at the Carroll County Asylum during the year ending August 31, 1909.*

Eldredge, Albert.....	49	M.	.....	W.	Single.....	American.....	Aug. 18, 1909	18, 1909	Paralysis.
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*Persons who died at the Merrimack County Asylum during the year ending August 31, 1909.*  
None.

*Persons who died at the Hillsborough County Asylum during the year ending August 31, 1909.*

Kristanson, Beate.....	65	M.	.....	W.	.....	Sweden.....	Jan. 16, 1909	16, 1909	Dementia.
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TABLE No. 3.—Continued.—DEATHS.

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*Persons who died at the Cheshire County Asylum during the year ending August 31, 1909.*  
None.

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*Persons who died at the Sullivan County Asylum during the year ending August 31, 1909.*  
None.

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*Persons who died at the Grafton County Asylum during the year ending August 31, 1909.*  
None.

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*Persons who died at the Coös County Asylum during the year ending August 31, 1909.*  
None.

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COMMITMENTS.

1910.

TABLE No. 4.—COMMITMENTS.

Persons committed to the New Hampshire State Hospital during the year ending August 31, 1910.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.	
	Years.	Male.	Female.	Color.				Single, married or widowed.
Yan Papiak.....	19	M.		W.	Single.....	Sept. 1, 1909	Manchester.	
Lydia J. Ward.....	59		F.	"	Married.....	Sept. 2, 1909	Hampstead.	
Howard F. Rollins.....	23	M.		"	Single.....	Sept. 3, 1909	Laconia.	
Katherine M. Jones.....	22		F.	"	"	Sept. 4, 1909	Milton.	
Nellie Merrill.....	41		"	"	"	Sept. 5, 1909	Pittsfield.	
Elizabeth Permort.....	50		"	"	"	Sept. 5, 1909	Lebanon.	
Charles Albert Bryant.....	65	M.		"	Married.....	Sept. 6, 1909	Belmont.	
Anne T. Metevier.....	22		F.	"	"	Sept. 6, 1909	Concord.	
Abba M. McConnell.....	46		"	"	Single.....	Sept. 7, 1909	New London.	
Susan A. Head.....	66		"	"	Married.....	Sept. 8, 1909	Chatham.	
Mary J. Heath.....	43		"	"	"	Sept. 9, 1909	Manchester.	
Robert E. Wilcox.....	64	M.		"	"	Sept. 10, 1909	Claremont.	
Patrick Dwyer.....	39		"	"	"	Sept. 12, 1909	Salern.	
Vilona L. Gilson.....	79		F.	"	Widowed.....	Sept. 14, 1909	Nashua.	
Reuben R. Planders.....	62	M.		"	Married.....	Sept. 15, 1909	Fillingham.	
Azeline Boisvert.....	13		F.	"	Single.....	Sept. 16, 1909	Manchester.	
John Carney.....	67	M.		"	Married.....	Sept. 17, 1909	Concord.	
Helen Colburn.....	76		F.	"	Single.....	Sept. 18, 1909	Nashua.	
Fred Price.....	76	M.		"	Widowed.....	Sept. 19, 1909	Concord.	
Antoine Tulip, Jr.....	26		"	"	Single.....	Sept. 20, 1909	Littleton.	
Daphne P. Barker.....	62		F.	"	Married.....	Sept. 21, 1909	Marlborough.	
Henry B. Peabody.....	37	M.		"	Widowed.....	Sept. 22, 1909	Concord.	
Thomas Griffin.....	55		"	"	Married.....	Sept. 23, 1909	Manchester.	
Thomas Sherman.....	57		"	"	Married.....	Sept. 24, 1909	Concord.	
Frank V. Sherrin.....	81		F.	"	Widowed.....	Sept. 27, 1909	Bennington.	
Catherine J. Webster.....	25		"	"	Single.....	Sept. 28, 1909	Manchester.	
Edith M. Sawyer.....	81		"	"	Married.....	Sept. 29, 1909	Manchester.	
Phillip Maher.....	43	M.		"	"	Sept. 29, 1909	Chester.	
Harriet A. Carr.....	38		F.	"	"	Sept. 29, 1909	Chester.	

Mertle V. Thompson.....	30	M.	"	"	"	Single.....	New Hampshire.....	Sept.	29, 1909	Nashua
Charles A. Wilkinson.....	11	"	"	"	"	Widowed.....	"	Sept.	30, 1909	Milford.
Abbie Upham.....	77	"	F.	"	"	Married.....	Maine.....	Oct.	1, 1909	Ashland.
J. Alphonse Courtemanche.....	34	M.	"	"	"	Married.....	New Hampshire.....	Oct.	2, 1909	Lebanon.
Eva R. La Bonte.....	23	M.	"	"	"	Widowed.....	Maine.....	Oct.	2, 1909	Farmington.
Peter McDonnell.....	56	M.	"	"	"	Married.....	Virginia.....	Oct.	2, 1909	Lebanon.
Annie Ahern.....	36	"	"	"	"	Single.....	Canada.....	Oct.	3, 1909	Concord.
Rosa E. Drown.....	21	"	"	"	"	Single.....	Maine.....	Oct.	4, 1909	Albany.
Lizzie O'Brien.....	24	"	"	"	"	Married.....	New Hampshire.....	Oct.	6, 1909	Keene.
Emily L. Amy.....	53	"	"	"	"	Single.....	Vermont.....	Oct.	8, 1909	Keene.
Carrie F. Woodman.....	60	"	"	"	"	Single.....	New Hampshire.....	Oct.	8, 1909	Monroe.
Margaret Sullivan.....	39	"	"	"	"	Single.....	New Brunswick.....	Oct.	9, 1909	Clarendon.
Mary Lee.....	31	"	"	"	"	Single.....	New Brunswick.....	Oct.	10, 1909	Nashua.
William Spauls.....	28	M.	"	"	"	Married.....	Turkey.....	Oct.	12, 1909	Dover.
Hannah E. Totman.....	56	M.	"	"	"	Single.....	New Hampshire.....	Oct.	12, 1909	Londonberry.
Frank Paquette.....	28	M.	"	"	"	Married.....	Vermont.....	Oct.	13, 1909	Laconia.
Marion Hoitt.....	36	"	"	"	"	Widowed.....	Canada.....	Oct.	13, 1909	Bath.
Rosella Whitefield.....	47	"	"	"	"	Single.....	Vermont.....	Oct.	16, 1909	Concord.
Anna M. Edgerley.....	46	"	"	"	"	Single.....	New Hampshire.....	Oct.	17, 1909	Bristol.
Sadie B. Kimball.....	17	"	"	"	"	Single.....	Canada.....	Oct.	19, 1909	Concord.
Joseph Johnson.....	60	"	"	"	"	Single.....	Massachusetts.....	Oct.	21, 1909	Manchester.
Eugene Fortier.....	27	"	"	"	"	Single.....	New Hampshire.....	Oct.	22, 1909	Manchester.
Maria Spodra.....	51	"	F.	"	"	Single.....	Massachusetts.....	Oct.	25, 1909	Barrington.
Robert Hale.....	28	M.	"	"	"	Single.....	New Hampshire.....	Oct.	25, 1909	Lebanon.
Clarence L. Dowse.....	19	"	"	"	"	Married.....	"	Oct.	27, 1909	Farmington.
Theron Ham.....	36	"	"	"	"	Single.....	"	Oct.	28, 1909	Somersworth.
Emma F. Varney.....	43	"	F.	"	"	Single.....	"	Oct.	29, 1909	Goffstown.
Mary Frances Moore.....	57	"	"	"	"	Single.....	New Brunswick.....	Oct.	30, 1909	Concord.
Alexander Laird.....	32	M.	"	"	"	Married.....	New York.....	Nov.	1, 1909	Dover.
Susan B. Tenney.....	80	"	"	"	"	Single.....	Massachusetts.....	Nov.	4, 1909	Manchester.
Alma Meroux.....	28	"	"	"	"	Single.....	New Brunswick.....	Nov.	4, 1909	Derry.
William Welsh.....	17	"	"	"	"	Married.....	Massachusetts.....	Nov.	4, 1909	Derry.
Mary F. James.....	61	"	F.	"	"	Single.....	New Brunswick.....	Nov.	6, 1909	Portsmouth.
Alice C. Elliot.....	40	"	"	"	"	Single.....	New Brunswick.....	Nov.	8, 1909	Madbury.
John H. Canney.....	77	"	"	"	"	Married.....	Maine.....	Nov.	9, 1909	Prisfield.
Cyrus Kingsbury.....	67	"	"	"	"	Single.....	New Hampshire.....	Nov.	11, 1909	Rochester.
Eugene W. Stephens.....	77	"	"	"	"	Single.....	Vermont.....	Nov.	13, 1909	Keene.
Millicent Q. Groome.....	50	"	"	"	"	Single.....	Gilford.....	Nov.	15, 1909	Laconia.
Andrew Charland.....	23	"	F.	"	"	Single.....	Vermont.....	Nov.	15, 1909	Lancaster.
Frank McMillen.....	26	"	"	"	"	Single.....	Canada.....	Nov.	16, 1909	Londonberry.
Elizabeth A. Taylor.....	32	"	"	"	"	Single.....	Prince Edward Island.....	Nov.	18, 1909	Lincaln.
Frank G. Patchelder.....	42	"	F.	"	"	Single.....	New Hampshire.....	Nov.	19, 1909	Portsmouth.
	43	"	"	"	"	Married.....	"	Nov.	22, 1909	Concord.

TABLE No. 4.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Joseph Lacasse.....	49	M.	..	W.	Canada.....	Nov.	Somersworth.
Edwin E. Fogg.....	19	"	..	"	New Hampshire.....	Nov.	Sandwich.
John B. Stevens.....	51	"	..	"	"	Nov.	Raymond.
Charles Frank Davis.....	53	"	..	"	"	Nov.	Dover.
Joseph P. Weeks.....	75	"	..	"	"	Nov.	Jefferson.
Emma A. Mead.....	56	"	F.	"	"	Nov.	Hill.
Margaret Bisson.....	54	"	..	"	Canada.....	Nov.	Iacovia.
Elizabeth A. Srett.....	68	"	..	"	New Hampshire.....	Dec.	Pltsfield.
Bessie Rosovsky.....	46	"	..	"	Russia.....	Dec.	Nashua.
Mary Malloy.....	50	"	..	"	Massachusetts.....	Dec.	Manchester.
Sarah Hopkins.....	31	"	..	"	Massachusetts.....	Dec.	Nashua.
Margaret Reynolds.....	40	"	..	"	Nova Scotia.....	Dec.	Nashua.
Jennie Whipple.....	27	"	..	"	Ireland.....	Dec.	Concord.
Timothy Whittemore.....	84	M.	..	"	Vermont.....	Dec.	Lebanon.
Henry O. Farnum.....	61	"	..	"	New Hampshire.....	Dec.	Manchester.
Enoch P. Young.....	85	"	..	"	Massachusetts.....	Dec.	Hampton.
James Boudreau.....	50	"	..	"	New Hampshire.....	Dec.	Concord.
Joseph Mariner Thompson.....	30	"	..	"	Maine.....	Dec.	Walpole.
George Papiant.....	65	"	..	"	Vermont.....	Dec.	Tilfon.
Peter Flisk.....	56	"	..	"	"	Jan.	Manchester.
Ralph W. Hunt.....	52	"	..	"	New Hampshire.....	Jan.	Webster.
Walter Flanders.....	52	"	..	"	Ireland.....	Jan.	Concord.
James Maguire.....	30	"	..	"	New Hampshire.....	Jan.	Claremont.
Mary Richardson.....	45	"	F.	"	"	Jan.	"
Harry Rowe.....	29	M.	..	"	New Hampshire.....	Jan.	Henniker.
Alberton W. Howe.....	60	"	..	"	"	Jan.	Dover.
John A. Duplessis.....	42	"	..	"	Canada.....	Jan.	Concord.
John Potter.....	60	"	..	"	Maine.....	Jan.	"
Thomas Connelley.....	57	"	..	"	New Hampshire.....	Jan.	"

Stephen Stoddard.....	29	M.	.....	W.	Single.....	.....	Jan.	17, 1910	Portsmouth.
William H. Knowlton, Jr.....	42	"	F.	"	Married.....	.....	Jan.	17, 1910	Keene.
Maria Peterson.....	51	"	"	"	"	.....	Jan.	17, 1910	Manchester.
Grace B. Greenan.....	36	"	"	"	"	.....	Jan.	18, 1910	"
Alice Willoughby.....	48	"	"	"	"	.....	Jan.	18, 1910	North Woodstock.
Emma Cuddahay.....	26	"	"	"	Single.....	.....	Jan.	20, 1910	Claremont.
Lottie S. Marston.....	25	"	"	"	Single.....	.....	Jan.	22, 1910	Westmoreland.
Emma Walsh.....	23	"	"	"	Single.....	.....	Jan.	24, 1910	Manchester.
Frank W. Sargent.....	42	M.	"	"	Married.....	.....	Jan.	26, 1910	Concord.
Hiram P. Wilson.....	52	"	"	"	Single.....	.....	Jan.	26, 1910	Hudson.
Frank J. Caswell.....	45	"	"	"	Married.....	.....	Jan.	26, 1910	Concord.
Elsie M. Phillips.....	43	"	F.	"	Single.....	.....	Jan.	29, 1910	Bethlehem.
Alice V. Andrews.....	46	"	"	"	"	.....	Jan.	29, 1910	Somersworth.
Edwin J. Gibson.....	67	M.	"	"	"	.....	Jan.	29, 1910	Nashua.
Ida Anderson.....	47	"	F.	"	Single.....	.....	Jan.	31, 1910	Merrimack Co. Farm.
Ida Quimby.....	45	"	"	"	Single.....	.....	Jan.	31, 1910	Lisbon.
Carrie Putney.....	51	"	"	"	Divorced.....	.....	Feb.	1, 1910	Sutton.
Lizzie Amazeen.....	45	"	"	"	Married.....	.....	Feb.	2, 1910	Newcastle.
Eleazer Colburn.....	71	M.	"	"	Single.....	.....	Feb.	7, 1910	Salisbury.
Amie Juneau.....	47	"	"	"	Single.....	.....	Feb.	8, 1910	Manchester.
Wyman F. Lincoln.....	27	"	"	"	Single.....	.....	Feb.	12, 1910	Concord.
Mabel May Swain.....	24	"	F.	"	Divorced.....	.....	Feb.	14, 1910	Dover.
George A. Mitchell.....	62	M.	"	"	Married.....	.....	Feb.	16, 1910	Concord.
James Riley.....	43	"	"	"	Single.....	.....	Feb.	18, 1910	Dover.
John J. Dyer.....	40	"	"	"	Single.....	.....	Feb.	18, 1910	Goffstown.
James McGary.....	45	"	F.	"	Married.....	.....	Feb.	19, 1910	Lancaster.
Elizabeth Maher.....	52	"	"	"	Single.....	.....	Feb.	19, 1910	Concord.
Frank Vaugois.....	66	M.	"	"	Married.....	.....	Feb.	23, 1910	Rochester.
Kate F. Trumbull.....	51	"	F.	"	Single.....	.....	Feb.	23, 1910	Hanover.
John H. Barker.....	70	M.	"	"	Widowed.....	.....	Feb.	26, 1910	Farmington.
Henry H. Look.....	37	"	"	"	Married.....	.....	Feb.	26, 1910	Stratford.
Charles Sheridan.....	37	"	"	"	Single.....	.....	Mar.	3, 1910	Berlin.
Fred C. Blood.....	48	"	"	"	Married.....	.....	Mar.	3, 1910	Nashua.
Frank E. Kidder.....	47	"	"	"	Single.....	.....	Mar.	4, 1910	"
Margaret Hartigan.....	34	"	F.	"	Single.....	.....	Mar.	4, 1910	Manchester.
Emma J. Dixon.....	55	"	"	"	Single.....	.....	Mar.	4, 1910	Farmington.
Charles H. Griffin.....	45	"	"	"	Single.....	.....	Mar.	5, 1910	Farmington.
Evelyn Carboneau.....	33	M.	F.	"	Single.....	.....	Mar.	5, 1910	Milau.
Ralph Hunt.....	60	M.	"	"	Single.....	.....	Mar.	6, 1910	Littleton.
Stephen W. Mansfield.....	60	"	"	"	Married.....	.....	Mar.	9, 1910	Nashua.
Frank M. Brown.....	44	"	"	"	Single.....	.....	Mar.	11, 1910	Canada.
John A. Lord.....	43	"	"	"	Single.....	.....	Mar.	12, 1910	Derry.
Catherine Cromwell.....	58	"	F.	"	Single.....	.....	Mar.	12, 1910	Concord.

TABLE No. 4.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Mary E. Rankin.....	61	.....	.....	.....	New Hampshire.....	Mar.	Concord.
Annie D. G. Robinson.....	69	.....	.....	W.	.....	Mar.	Bristol.
Sarah McCallion.....	28	.....	.....	.....	Ireland.....	Mar.	Rochester.
William H. Keenan.....	51	M.	.....	.....	New Hampshire.....	Mar.	Concord.
Ethel Dow.....	25	.....	F.	.....	.....	Mar.	New Hampton.
Charles H. Sanborn 2d.....	45	M.	.....	.....	.....	Mar.	Concord.
James Lord.....	60	.....	.....	.....	Maine.....	Mar.	Exeter.
Merton Mandigo.....	27	.....	.....	.....	.....	Mar.	.....
Desire Jette.....	58	.....	.....	.....	Quebec.....	Mar.	Nashua.
Annie E. Murdock.....	19	.....	F.	.....	New Hampshire.....	Mar.	Penacook.
James F. Leaver.....	53	M.	.....	.....	.....	Mar.	Chichester.
Myra Butland.....	73	.....	F.	.....	Maine.....	Mar.	Dover.
Josephine Carriere.....	38	.....	.....	.....	Canada.....	April	Manchester.
Catherine L. Carroll.....	38	.....	.....	.....	New Hampshire.....	April	Keene.
Joseph Dumont.....	30	M.	.....	.....	.....	April	Manchester.
Mary E. Martin.....	43	.....	F.	.....	.....	April	Hillsborough.
Mary A. Sullivan.....	.....	.....	.....	.....	.....	April	.....
Lily Abbie Pukham.....	.....	.....	.....	.....	.....	April	.....
George B. Wells.....	42	M.	.....	.....	New Hampshire.....	April	Franklin.
Arthur Corriveau.....	21	.....	.....	.....	Canada.....	April	Berlin.
Frank A. Ouillette.....	19	.....	.....	.....	Michigan.....	April	Claremont.
Morris Christie.....	77	.....	.....	.....	.....	April	Antrim.
Albert Grant.....	52	.....	.....	.....	New Hampshire.....	April	Newmarket.
Maud A. L. Robbins.....	32	.....	F.	.....	.....	April	Allenstown.
Maud Evelyn Tozier.....	39	.....	.....	.....	Maine.....	April	Plaistow.
Julia A. Merrill.....	81	.....	.....	.....	New Hampshire.....	April	Lebanon.
Fred Richards.....	45	M.	.....	.....	Canada.....	April	Nashua.



TABLE No. 4.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Samuel Le Clair.....	47	M.	..	W.	Massachusetts.....	June 9, 1910	Nashua.
William Nelson.....	53	"	..	"	Canada.....	June 10, 1910	Keene.
David Charatt.....	47	"	..	"	Maine.....	June 10, 1910	Hollis.
Frank D. Emery.....	39	"	..	"	New Hampshire.....	June 11, 1910	Nashua.
Ira F. Perkins.....	54	"	F.	"	Prince Edward Island.....	June 11, 1910	Manchester.
Helen C. Flaherty.....	27	"	..	"	New Hampshire.....	June 11, 1910	Nashua.
Charles H. Colson.....	42	M.	..	"	Ireland.....	June 13, 1910	Portsmouth.
Moses Ashmault.....	66	"	..	"	New Hampshire.....	June 13, 1910	Bartlett.
Johanna Burns.....	65	F.	..	"	New Hampshire.....	June 13, 1910	Amherst.
Joseph J. Beyer.....	24	M.	..	"	Quebec.....	June 14, 1910	Portsmouth.
Georgianna A. Loid.....	49	F.	..	"	New Hampshire.....	June 14, 1910	Rochester.
Alphonzine Tett.....	39	M.	..	"	New Hampshire.....	June 15, 1910	Manchester.
Lewis Jacques.....	20	M.	..	"	Canada.....	June 16, 1910	Laconia.
Mary E. Schmidt.....	45	F.	..	"	New Hampshire.....	June 18, 1910	Portsmouth.
Ernest Croteau.....	31	M.	..	"	Canada.....	June 20, 1910	Manchester.
Sarah Robinson.....	64	F.	..	"	New York.....	June 20, 1910	Concord.
William A. Brewster.....	78	M.	..	"	New Hampshire.....	June 20, 1910	Alton.
William W. McConthie.....	61	"	..	"	"	June 21, 1910	Atkinson.
Eugene M. Chase.....	40	"	..	"	Italy.....	June 21, 1910	Manchester.
James D. Quirolo.....	37	"	..	"	New Hampshire.....	June 22, 1910	Somersworth.
Ralph W. Sanders.....	34	"	..	"	Canada.....	June 23, 1910	Claremont.
Annie B. Foy.....	48	F.	..	"	New Hampshire.....	June 25, 1910	Concord.
Martin H. Spain.....	55	M.	..	"	New Hampshire.....	June 25, 1910	Concord.
Hannah S. Moore.....	59	F.	..	"	Vermont.....	June 27, 1910	Nashua.
Thomas F. Cannon.....	44	M.	..	"	New Hampshire.....	June 27, 1910	Concord.
Sam C. Dwinell.....	77	"	..	"	"	June 28, 1910	Manchester.
James E. Mulligan.....	31	"	..	"	New Hampshire.....	June 28, 1910	Nashua.
Minnie Leash.....	31	F.	..	"	"	June 29, 1910	Keene.
George M. Eaton.....	48	M.	..	"	New Hampshire.....	June 30, 1910	Seabrook.



TABLE No. 4.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.			
Thomas J. Keough.....	41	M.	"	W.	Ireland	Aug. 16, 1910	Lincoln.
Henry Perrusse.....	36	"	"	"	New Hampshire.....	Aug. 16, 1910	Somersworth.
Annie B. Foy.....	48	"	F.	"	"	Aug. 16, 1910	Returned.
Sarah A. Luedg.....	68	"	"	"	England	Aug. 17, 1910	Concord.
Mary Ferrisald.....	36	"	"	"	New Hampshire.....	Aug. 18, 1910	Canaan.
Catherine Moher.....	47	M.	"	"	Ireland	Aug. 18, 1910	Manchester.
Lester H. Locke.....	47	"	"	"	New Hampshire.....	Aug. 18, 1910	South Seabrook.
Eugene M. Chase.....	51	"	"	"	"	Aug. 18, 1910	Returned from elopement.
Georgia C. French.....	51	"	F.	"	New Hampshire.....	Aug. 19, 1910	Gilmanton.
August Carlson.....	67	M.	"	"	"	Aug. 19, 1910	Returned from elopement.
Dwight H. Johnson.....	31	"	"	"	Massachusetts.....	Aug. 20, 1910	Clarendon.
William E. Chapman.....	57	"	"	"	Maine	Aug. 20, 1910	Fortsmouth.
Frank P. Kidder.....	53	"	"	"	New Hampshire.....	Aug. 20, 1910	Newbury.
Almon E. Willey.....	69	"	"	"	"	Aug. 20, 1910	Groton.
Charlotte A. Matthews.....	27	"	F.	"	Massachusetts.....	Aug. 23, 1910	Rochester.
Robert Proctor.....	25	M.	"	"	Rhode Island.....	Aug. 23, 1910	Dover.
George Bourmival.....	71	"	"	"	New Hampshire.....	Aug. 26, 1910	Manchester.
William S. Peaslee.....	48	"	"	"	"	Aug. 26, 1910	Amherst.
Mary Carroll.....	24	"	F.	"	Canada.....	Aug. 28, 1910	Nashua.
Wilbert Gibson.....	34	M.	"	"	"	Aug. 28, 1910	Returned from elopement.
Lester Powhatan.....	24	"	"	"	Indiana.....	Aug. 30, 1910	Rye.
Frank Kenigan.....	18	"	"	"	Ireland.....	Aug. 30, 1910	North Woodstock.
Alice Donnelly.....	42	M.	F.	"	New Hampshire.....	Aug. 30, 1910	Dover.
A. G. Byrns.....	42	"	"	"	New York.....	Aug. 31, 1910	Harrisville.



TABLE No. 4.—Continued.—COMMITMENTS.

NAME.	AGE, SEX AND CONDITION.					Nationality.	Date of commitment.	Where from.
	Years.	Male.	Female.	Color.	Single, married or widowed.			
Margaret Hartegan.....	34	M.	F.	W.	Married.....	Ireland.....	Feb. 28, 1910	Manchester.
Fred C. Blood.....	43	"	"	"	".....	American.....	Feb. 28, 1910	Nashua.
Joseph Dumont.....	30	"	"	"	Divorced.....	".....	Mar. 31, 1910	Manchester.
Eugene M. Chase.....	40	"	"	"	Single.....	".....	May 24, 1910	"
James E. Mulligan.....	31	"	"	"	".....	".....	June 27, 1910	Nashua.
George Bournival.....	25	"	"	"	".....	French.....	Aug. 26, 1910	Manchester.
<i>Persons committed to the Cheshire County Asylum during the year ending August 31, 1910.</i>								
None.								
<i>Persons committed to the Sullivan County Asylum during the year ending August 31, 1910.</i>								
Ellen Byer.....	64	M.	F.	W.	Single.....	English.....	Mar. 3, 1910	Newport.
Chester Dingman.....	78	"	"	"	Widowed.....	American.....	Dec. 29, 1910	Acworth.
<i>Persons committed to the Grafton County Asylum during the year ending August 31, 1910.</i>								
Charles Brent.....	..	M.	.....	W.	Single.....	American.....	July 16, 1910	Plymouth.

*Persons committed to the Coös County Asylum during the year ending August 31, 1910.*

None.

DISCHARGES.

1910.



Timothy Hennessy.....	48	M.	W.	Widowed...	New Hampshire.	Nov. 4, 1909	4	6	Much improved.
Albert T. Melvin.....	26	M.	"	Single.....	"	Nov. 6, 1909	5	27	Not improved.
Helen Colburn.....	76	F.	"	"	"	Nov. 6, 1909	1	18	Much improved.
George B. Porter.....	27	M.	"	Married.....	New York.	Nov. 10, 1909	7	12	Recovered.
Julia Frances Stephens.....	34	F.	"	Single.....	New Hampshire.	Nov. 13, 1909	6	1	"
Edwin W. Gilmartin.....	29	M.	"	Married.....	Turkey.....	Nov. 21, 1909	4	7	Improved.
Nazanee Kandarian.....	25	F.	"	"	"	Nov. 23, 1909	4	10	"
Emma F. Verney.....	43	F.	"	"	"	Nov. 25, 1909	2	28	Much improved.
Marlin J. Bixby.....	67	M.	"	Single.....	Vermont.....	Nov. 27, 1909	10	23	Recovered, recurent.
Ernestine Dion.....	45	F.	"	Married.....	Canada.....	Nov. 28, 1909	11	1	Improved.
Emily I. Amy.....	53	F.	"	Widowed.....	Vermont.....	Nov. 29, 1909	1	21	Improved.
Ella Marston.....	58	F.	"	Single.....	New Hampshire.	Dec. 2, 1909	10	9	Recovered.
David Hartly.....	66	M.	"	"	Ireland.....	Dec. 2, 1909	6	15	"
Jennie S. Fillian.....	62	F.	"	Single.....	Vermont.....	Dec. 3, 1909	10	7	Not improved.
Harry Fuller.....	47	M.	"	"	New Hampshire.	Dec. 3, 1909	5	5	Much improved.
Alexander Laird.....	32	M.	"	"	New Brunswick.	Dec. 8, 1909	1	8	Recovered from alcoholism.
Andrew Charland.....	26	M.	"	Married.....	Canada.....	Dec. 21, 1909	7	17	Recovered.
Anne T. Metevier.....	22	F.	"	Single.....	"	Dec. 21, 1909	3	4	"
Sadie B. Kimball.....	17	F.	"	"	"	Dec. 21, 1909	2	4	"
Frank Paquette.....	28	M.	"	Married.....	Vermont.....	Dec. 25, 1909	2	14	"
Lizzie C. Folsom.....	52	F.	"	"	New Hampshire.	Dec. 25, 1909	11	27	"
Annie Ahern.....	36	F.	"	"	Canada.....	Dec. 30, 1909	2	27	"
Peter Flak.....	..	M.	"	"	"	Dec. 23, 1909	..	..	"
Harry Rowe.....	..	M.	"	Single.....	New Hampshire.	Jan. 1, 1910	..	..	Eloped, not discharged.
Angeline Boisvert.....	14	F.	"	"	"	Jan. 8, 1910	..	..	Home on visit, not discharged.
Alma Marcoux.....	17	F.	"	"	Massachusetts	Jan. 9, 1910	3	28	Recovered.
Ellen Bryer.....	64	F.	"	"	England.....	Jan. 10, 1910	5	5	Not improved.
James Maguire.....	30	M.	"	Married.....	Ireland.....	Jan. 14, 1910	11	18	Recovered.
Joseph Johnson.....	60	M.	"	Single.....	Unknown.....	Jan. 20, 1910	3	8	Recovered from alcoholism.
Margaret Reynolds.....	46	F.	B.	Single.....	Ireland.....	Jan. 20, 1910	3	22	Recovered.
Jeremiah Faricy.....	38	M.	W.	Married.....	Ireland.....	Feb. 7, 1910	1	22	Not improved.
Irving A. Rowe.....	22	M.	"	Single.....	New Hampshire.	Feb. 26, 1910	4	18	Recovered.
Ralph Hunt.....	..	M.	"	"	"	Mar. 3, 1910	11	29	"
Edwin E. Fogg.....	19	M.	"	Single.....	New Hampshire.	Mar. 8, 1910	..	..	Not discharged, eloped.
Alice C. Elliott.....	40	F.	"	Married.....	Maine.....	Mar. 19, 1910	3	22	Recovered.
Jennie Whipple.....	29	F.	"	"	Vermont.....	Mar. 21, 1910	4	12	Not improved.
Annie D. G. Robinson.....	69	F.	"	"	New Hampshire.	Mar. 22, 1910	3	4	Recovered.
John A. Potter.....	42	M.	"	"	Maine.....	Mar. 24, 1910	8	8	Not improved.
George H. Worcester.....	45	M.	"	"	Massachusetts	Mar. 25, 1910	2	9	Recovered.
Mary A. Richardson.....	45	F.	"	Widowed.....	New Hampshire.	Mar. 26, 1910	3	1	Much improved.
Mary A. Sullivan.....	..	F.	"	"	"	Mar. 26, 1910	2	16	Recovered.
Wynnan F. Lincoln.....	27	F.	"	Single.....	New Hampshire.	Mar. 26, 1910	1	14	Not insane.
Lily Abbie Pinkham.....	..	F.	"	"	"	Mar. 30, 1910	..	..	Not discharged, eloped.

TABLE No. 5.—Continued.—DISCHARGES.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.				
	Years.	Male.	Female.	Color.			Single, married or widowed.	Years.	Months.					
									Days.					
Mary E. Raukin.....	61		F.	W.	Widowed.....	New Hampshire.	Mar.	31	1910	Recovered.				
Walker Flanders.....	52	M.		"	Married.....	"	April	2	1910	Improved.				
Alice Willoughby.....	48		F.	"	"	Massachusetts.	April	2	1910	Much improved.				
Rosa E. Drown.....	21		F.	"	"	Maine.	April	5	1910	Recovered.				
William H. Keenan.....	51	M.		"	Widowed.....	New Hampshire.	April	5	1910	"				
Lizzie O'Brien.....	24		F.	"	Single.....	"	April	9	1910	6	3	Not improved.		
Clara E. Jones.....	35		"	"	Married.....	"	April	14	1910	10	12	Much improved.		
Grace O. Greenan.....	36		"	"	Single.....	New Brunswick.	April	17	1910	2	30	Recovered.		
Millicent A. Groome.....	23		"	"	Married.....	Vermont.....	April	22	1910	5	3	Much improved		
Charles H. Sanboru.....	45	M.		"	Married.....	New Hampshire.	April	23	1910	29		Recovered from alcoholism.		
Celina Tuller.....	55		F.	"	Single.....	Canada.....	April	28	1910	1	3	9	Much improved.	
Charles Sheridan.....	37	M.		"	Married.....	Vermont.....	April	29	1910	1	26		Recovered.	
Maria Peterson.....	51		F.	"	Married.....	Sweden.....	May	7	1910	3	20		Improved.	
Mary Frances Moore.....	57		"	"	"	New Hampshire.	May	8	1910	6	8		Recovered.	
Antoine Tulp, Jr.....	26	M.		"	Single.....	Canada.....	May	11	1910	7	21		Recovered.	
Benjamin C. Cook.....	11		"	"	Single.....	New Hampshire.	May	11	1910	6	13		Improved.	
Charles A. Wilkinson.....	43		"	"	Married.....	"	May	13	1910	2	2		Recovered.	
John A. Lord.....	66		F.	"	"	"	May	14	1910	2	2		Not improved.	
Mary F. Marsh.....	43		F.	"	"	"	May	15	1910	9	1		Not improved.	
Elsie M. Phillips.....	31	M.		"	Single.....	"	May	16	1910	3	17		Recovered.	
Willie H. Highland.....	47		F.	"	"	Ireland.....	May	16	1910	6	5	28		Not improved.
Annie M. Tracy.....	45		"	"	Married.....	New Hampshire.	May	16	1910	11	14		Recovered.	
Lizzie Amazeen.....	47		"	"	Single.....	"	May	22	1910	3	20		"	
Annie E. Murdock.....	19		"	"	Widowed.....	Massachusetts.	May	22	1910	1	24		Not improved.	
Mary G. Bellford.....	40		"	"	"	"	May	26	1910	1	8		"	
Mary A. Sullivan.....	56		"	"	Married.....	Vermont.....	May	27	1910	10	24		Not discharged, home on a visit.	
Emma Roberts.....	27		"	"	Single.....	New Hampshire.	June	1	1910	1	3	10		Much improved.
M. Louise Dow.....	27		"	"	Married.....	"	June	4	1910	1	3	10		"
Elizabeth Maher.....	52		"	"	Married.....	New Hampshire.	June	6	1910	3	18			Not improved.

23	Lester Lang.....	M.	"	W.	"	"	Single.....	New Hampshire.	June	9,	1910	3	Recovered.
51	Carrie Putney.....	M.	F.	"	"	"	Divorced.....	"	June	9,	1910	4	Recurrent recovery.
35	Ralph W. Hunt.....	M.	"	"	"	"	Married.....	"	June	9,	1910	4	Improved.
56	John J. Leahy.....	M.	"	"	"	"	Married.....	Ireland.....	June	12,	1910	1	Recovered.
55	Clara E. Hutton.....	M.	F.	"	"	"	Divorced.....	New Hampshire.	June	18,	1910	3	Recovered.
67	Louise C. Glidden.....	M.	"	"	"	"	"	"	June	18,	1910	7	Three weeks parole.
61	Honry O. Farnum.....	M.	"	"	"	"	Married.....	Massachusetts.	June	21,	1910	6	Improved.
50	Peter Flisk.....	M.	"	"	"	"	Married.....	"	June	23,	1910	6	Eloped.
50	Martha Craigue.....	M.	F.	"	"	"	Married.....	New Hampshire.	June	28,	1910	21	Recovered.
27	Helen Cora Flaherty.....	M.	"	"	"	"	Single.....	"	June	28,	1910	21	Not insane.
35	John Leonard.....	M.	"	"	"	"	Married.....	England.....	July	2,	1910	19	Not insane.
41	Harriet L. Lane.....	M.	F.	"	"	"	Married.....	Quebec.....	July	2,	1910	27	Recovered.
64	Mary A. Sullivan.....	M.	F.	"	"	"	Married.....	"	July	2,	1910	1	Recovered from alcoholism.
43	Sarah Robinson.....	M.	"	"	"	"	Married.....	New York.....	July	2,	1910	1	Home on a visit.
46	Mary E. Martin.....	M.	"	"	"	"	"	New Hampshire.	July	2,	1910	12	Not improved.
46	William H. Badger.....	M.	"	"	"	"	"	"	July	2,	1910	2	Improved. Against advice.
49	Joseph Jaessse.....	M.	"	"	"	"	Widowed.....	Canada.....	July	5,	1910	1	Recovered.
27	Winifred W. Brown.....	M.	F.	"	"	"	Married.....	Nova Scotia.....	July	5,	1910	7	Eloped recover'd—no return.
26	Peter Beliveau.....	M.	"	"	"	"	Single.....	Quebec.....	July	6,	1910	1	Not insane.
60	Carrie F. Woodman.....	M.	F.	"	"	"	Married.....	New Hampshire.	July	8,	1910	1	Recovered from alcoholism.
30	Alphonse Tetu.....	M.	"	"	"	"	Single.....	Quebec.....	July	9,	1910	9	Not improved.
36	Ellen Walker.....	M.	"	"	"	"	Married.....	New Hampshire.	July	9,	1910	24	Much improved.
49	Lilla E. S. Perrigo.....	M.	"	"	"	"	"	"	July	12,	1910	1	Improved. Against advice.
44	Thomas F. Cannon.....	M.	"	"	"	"	Single.....	Vermont.....	July	16,	1910	5	Much improved.
54	Ida F. Perkins.....	M.	F.	"	"	"	Married.....	Canada.....	July	20,	1910	1	Recovered from alcoholism.
27	Eugene Fortier.....	M.	"	"	"	"	Single.....	"	July	23,	1910	1	Recovered.
42	Richard Murphy.....	M.	"	"	"	"	Married.....	Ireland.....	July	23,	1910	9	Home on a visit.
55	Martin H. Spain.....	M.	"	"	"	"	Single.....	Concord.....	Aug.	2,	1910	23	Recovered from alcoholism.
37	James D. Quirolo.....	M.	"	"	"	"	Married.....	Italy.....	Aug.	2,	1910	1	Home on a visit.
26	James Lord.....	M.	"	"	"	"	Married.....	Maine.....	Aug.	3,	1910	1	Home on a visit.
00	Alice C. McDuffee.....	M.	F.	"	"	"	Widowed.....	Russia.....	Aug.	7,	1910	4	Recovered.
46	Bessie Rasovsky.....	M.	"	"	"	"	Married.....	New Hampshire.	Aug.	10,	1910	8	Home on trial.
42	Charles H. Colson.....	M.	"	"	"	"	Single.....	Pennsylvania.	Aug.	10,	1910	1	Not improved.
21	John F. Shaw.....	M.	"	"	"	"	Married.....	New Hampshire.	Aug.	10,	1910	2	Improved.
46	Addison L. Hamblett.....	M.	"	"	"	"	Married.....	"	Aug.	12,	1910	29	Not improved.
46	Annie B. Foy.....	M.	F.	"	"	"	"	"	Aug.	15,	1910	29	Home on trial.
65	Johanna Burns.....	M.	"	"	"	"	Married.....	Ireland.....	Aug.	17,	1910	2	Eloped.
26	August Carlson.....	M.	F.	"	"	"	Married.....	Canada.....	Aug.	19,	1910	16	Recovered.
26	Emma Cuddahy.....	M.	F.	"	"	"	Married.....	Nashua.....	Aug.	20,	1910	7	Eloped.
39	Frank D. Emery.....	M.	"	"	"	"	"	"	Aug.	21,	1910	2	Improved.
													Recovered from alcoholism.

TABLE No. 5.—Continued.—DISCHARGES.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.
	Years.	Male.	Female.	Color.			Single, married or widowed.	Years.	Months.	
Wilbert Gibson.....		M.		W.	.....	Aug. 23, 1910	.....	.....	.....	Eloped.
Desire Jette.....	58	"		"	.....	Aug. 28, 1910	4	29		Recovered.
Charles H. Sargent.....	51	"		"	.....	Aug. 30, 1910	1	2		Recovered from acute alcoholism.
<i>Persons discharged from the Rockingham County Asylum during the year ending August 31, 1910.</i>										
George Eaton.....	47	M.		W.	American.....	July 2, 1910	7	3		Sent to State Asylum.
Bonivista Brown.....	61	"		"	"	May 24, 1910	.....	6		"
Michael Lahey.....	35	"		"	Irish.....	July 28, 1910	.....	10		"
<i>Persons discharged from the Stratford County Asylum during the year ending August 31, 1910.</i>										
Arthur Barf.....	30	M.		W.	American.....	July 25, 1910	.....	6		Violent.
Timothy Whittemore.....	83	"		"	"	Dec. 21, 1909	2	10	22	Violent.
<i>Persons discharged from the Belknap County Asylum during the year ending August 31, 1910.</i>										
Maude Flanders.....	20		F.	W.	American.....	April 30, 1910	.....	3		Bad condition.

TABLE No. 5.—Continued.—DISCHARGES.

Persons discharged from the Carroll County Asylum during the year ending August 31, 1910.

None.

Persons discharged from the Merrimack County Asylum during the year ending August 31, 1910.

	F.	W.	Married. Single.	Sweden. American.	Jan. Aug.	20 15	6 15	Transferred to State Hospital.
Ida Anderson.....	44				Jan.	20	6	.....
Ida Edmonds.....	35				Aug.	15	15	.....

Persons discharged from the Hillsborough County Asylum during the year ending August 31, 1910.

	F.	W.	Married. Widowed. Single. Widowed. Single.	American. Irish. French. New Brunswick American. England. American. Ireland. American. American. French.	Sept. Sept. Sept. Oct. Dec. Dec. Feb. Mar. Mar. April June June Aug.	9, 1909 23, 1909 29, 1909 9, 1909 14, 1909 14, 1909 18, 1910 4, 1910 4, 1910 1, 1910 21, 1910 28, 1910 26, 1910	9 10	9 10	28 3	Transferred to State Hospital.
Mary J. Heath.....	M.	W.	Married.	American.	Sept.	9, 1909	9	10	28	Transferred to State Hospital.
Thomas Griffin.....	"	"	Widowed.	Irish.	Sept.	23, 1909	9	10	3	"
Phillip Maher.....	"	"	Married.	French.	Sept.	29, 1909	1	10	5	"
Margaret Sullivan.....	F.	"	Single.	New Brunswick	Oct.	9, 1909	1	10	5	"
Sarah Hopkins.....	"	"	Widowed.	American.	Dec.	14, 1909	1	10	21	"
Mary Malloy.....	"	"	Single.	American.	Dec.	14, 1909	1	10	14	"
John J. Dyer.....	M.	"	Married.	England.	Feb.	18, 1910	3	10	21	"
Frank E. Kidder.....	"	"	"	American.	Mar.	4, 1910	1	10	7	"
Margaret Hartigan.....	F.	"	"	Ireland.	Mar.	4, 1910	1	10	7	"
Fred C. Blood.....	"	"	"	American.	Mar.	4, 1910	1	10	3	"
Joseph Dumont.....	"	"	Divorced.	"	April	1, 1910	1	10	7	"
Eugene M. Chase.....	"	"	Single.	"	June	21, 1910	1	10	7	"
James E. Mulligan.....	"	"	"	"	June	28, 1910	1	10	7	"
George E. Bournival.....	"	"	"	French.	Aug.	26, 1910	1	10	7	"

Persons discharged from the Cheshire County Asylum during the year ending August 31, 1910.

None.

Persons discharged from the Sullivan County Asylum during the year ending August 31, 1910.

None.

TABLE No. 5.—Continued.—DISCHARGES.  
*Persons discharged from the Grafton County Asylum during the year ending August 31, 1910.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of discharge.	How long at institution.			Condition when discharged.	
	Years.	Male.	Female.	Color.			Single, married or widowed.	Years.	Months.		Days.
Charles Brent.....	..	M. ....	..	W.	Single.....	American.....	July 28, 1910	.....	.....	12	Sent to State Insane Asylum.

*Persons discharged from the Coös County Asylum during the year ending August 31, 1910.*  
 None.

DEATHS.

1910.

TABLE No. 6.—DEATHS.  
*Persons who died at the New Hampshire State Hospital during the year ending August 31, 1910.*

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
Ellen F. Gates.....	47	.....	F.	W.	Nova Scotia.....	Sept. 2, 1909	Enterocolitis.
Charlotte A. Gregg.....	88	.....	"	"	New Hampshire.....	Sept. 3, 1909	Exhaustion in senile dementia.
John Walsh.....	44	M.	"	"	"	Sept. 6, 1909	Lobar pneumonia.
John Longnecker.....	61	M.	"	"	Kentucky.....	Sept. 10, 1909	Chronic interstitial nephritis.
Ann Luxman.....	66	.....	F.	"	New Hampshire.....	Sept. 14, 1909	Exhaustion in chronic dementia.
Roney Prince.....	40	M.	"	"	England.....	Sept. 15, 1909	General paresis.
Robert E. Mason.....	68	.....	F.	"	New Hampshire.....	Sept. 15, 1909	Exhaustion in senile dementia.
Rose A. Bennett.....	36	M.	"	"	New Hampshire.....	Sept. 16, 1909	Exhaustion in manic depressive insanity.
Andrew J. Gates.....	71	M.	"	"	"	Sept. 19, 1909	Valvular disease of heart.
Lydia J. Wood.....	59	.....	F.	"	Ireland.....	Sept. 19, 1909	Exhaustion in secondary dementia.
Catherine Foley.....	72	.....	"	"	New Hampshire.....	Sept. 20, 1909	Valvular disease of heart.
William E. Jewett.....	46	M.	"	"	"	Sept. 22, 1909	Pulmonary tuberculosis.
Nellie Francis.....	36	.....	"	"	Canada.....	Sept. 30, 1909	Paresis.
Rose Dunais.....	36	.....	"	"	"	Oct. 1, 1909	Pulmonary tuberculosis.
Charles L. Littlefield.....	52	M.	"	"	New Hampshire.....	Oct. 1, 1909	Exhaustion in organic dementia.
Almond O. Leavitt.....	94	.....	"	"	"	Oct. 10, 1909	Organic heart disease.
John W. White.....	38	"	"	"	"	Oct. 10, 1909	Paresis.
Sarah J. Morse.....	76	.....	F.	"	New Hampshire.....	Oct. 11, 1909	Chronic myocarditis.
Hannah E. Totman.....	56	.....	F.	"	"	Oct. 15, 1909	Exhaustion in confusional insanity.
Elizabeth Henry.....	85	.....	"	"	New Brunswick.....	Oct. 17, 1909	Chronic myocarditis.
Rosella Whitefield.....	47	.....	"	"	Canada.....	Oct. 17, 1909	Pulmonary embolism.
George W. Harvey.....	31	M.	"	"	Massachusetts.....	Oct. 18, 1909	Paresis.
Marion Hoyt.....	36	.....	F.	"	Canada.....	Oct. 19, 1909	Exhaustion in acute mania.
Amanda J. Wiggins.....	58	.....	"	"	Maine.....	Oct. 23, 1909	Exhaustion in melancholia.
W. Findley Calahan.....	56	M.	"	"	P. E. I.....	Oct. 25, 1909	Paresis.
Eben Burr.....	80	.....	"	"	Vermont.....	Oct. 27, 1909	Hypostatic pneumonia.
Peter McDonnell.....	56	"	"	"	Virginia.....	Oct. 29, 1909	Cerebral hemorrhage.



TABLE No. 6.—Continued.—DEATHS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
Mary Ann Bean.....	43	.....	F.	W.	New Hampshire.	April 1, 1910	Paresis.
Mary F. James.....	61	M.	.....	"	"	April 7, 1910	Organic heart disease.
John Harrigan.....	73	M.	.....	"	Ireland.....	April 15, 1910	Organic heart disease.
Myra Butland.....	73	M.	F.	"	Maine.....	April 15, 1910	Myocarditis.
Harwell, Ellis.....	53	M.	.....	"	New Hampshire.	April 18, 1910	Pulmonary tuberculosis.
Ella Kimball Hammond.....	60	M.	F.	"	"	April 21, 1910	Chronic interstitial nephritis.
John F. Danforth.....	74	M.	.....	"	"	April 24, 1910	Myocarditis.
Fred C. Chessman.....	31	"	.....	"	"	April 27, 1910	Pulmonary tuberculosis.
Sarah A. Davis.....	80	M.	F.	"	"	April 30, 1910	Organic heart disease.
Aaron W. Clark.....	79	M.	.....	"	"	May 6, 1910	Cerebral embolism.
Timothy Thompson.....	75	M.	.....	"	Maine.....	May 6, 1910	Pulmonary tuberculosis.
Clara J. Crowell.....	59	M.	F.	"	New Hampshire.	May 8, 1910	Acute dilation of heart.
Albert Adams.....	60	M.	.....	"	England.....	May 8, 1910	Arteriosclerosis.
Michael Ryan.....	56	"	.....	"	New York.....	May 9, 1910	Arteriosclerosis.
Hattie B. Sunborn.....	38	"	F.	"	New Hampshire.	May 11, 1910	Organic heart disease and arteriosclerosis.
William H. Knowlton, Jr.....	42	M.	.....	"	"	May 23, 1910	Hypostatic pneumonia.
Albert Grant.....	52	.....	.....	"	"	May 24, 1910	Paresis.
Mary J. Chase.....	50	.....	F.	"	Massachusetts..	May 28, 1910	Septicemia.
Charles Bernard.....	30	M.	.....	"	New Hampshire.	May 30, 1910	Status epilepticus.
Charles A. Bryant.....	65	.....	.....	"	"	June 6, 1910	Loba pneumonia.
Ludger Tetreau.....	46	.....	.....	"	Canada.....	June 6, 1910	Cerebral hemorrhage.
Bradley Tav.....	59	"	.....	"	Massachusetts..	June 8, 1910	Cerebral jaundice and exhaustion.
Peter Lumar.....	68	"	.....	"	Canada.....	June 10, 1910	Pulmonary embolism.
Gardner Fyler.....	79	"	.....	"	"	June 11, 1910	Uremia.
Eliazer Colburn.....	71	.....	.....	"	New Hampshire.	June 11, 1910	Chronic interstitial nephritis.
Edna F. Woodman.....	35	M.	F.	"	"	June 17, 1910	Cholema.
John Laforest.....	42	M.	.....	"	Canada.....	June 17, 1910	Paresis.
John Frye.....	69	"	.....	"	"	June 20, 1910	Arteriosclerosis.
Henry C. Kendrick.....	56	"	.....	"	New Hampshire.	June 30, 1910	Involution melancholia.

William A. Brewster.....	78	M.	W.	Widowed.....	"	July 1, 1910	Organic heart disease.
Deborah Moore.....	80	F.	"	Widowed.....	Massachusetts..	July 3, 1910	Heat exhaustion.
Mary Ann Ray.....	79	"	"	Married.....	Connecticut.....	July 7, 1910	Diarrhoea and exhaustion.
Frank Cone.....	74	M.	"	Single.....	United States....	July 8, 1910	Enteritis.
Carter Sayles.....	94	"	"	Widowed.....	Virginia.....	July 10, 1910	Exhaustion in senile dementia.
Angeline Adams.....	77	F.	"	Widowed.....	New Hampshire..	July 15, 1910	Hypostatic pneumonia.
Henry E. Tandy.....	37	M.	"	Married.....	"	July 19, 1910	Dysentery.
Mary F. Hartford.....	74	F.	"	Widowed.....	"	July 23, 1910	Dysentery.
John Gagner.....	92	M.	"	Single.....	"	July 25, 1910	Valvular disease of heart.
George D. Brown.....	63	"	"	Married.....	Maine.....	July 30, 1910	Cerebral hemorrhage.
John M. Moulton.....	36	"	"	Married.....	Italy.....	July 31, 1910	Dysentery.
Carmenuej Timbriano.....	30	"	"	Widowed.....	Nova Scotia.....	July 31, 1910	Exhaustion in acute delirium.
Sarah Hopkins.....	31	F.	"	Single.....	New Hampshire..	Aug. 2, 1910	Pulmonary tuberculosis.
Edwin L. Berry.....	44	M.	"	Widowed.....	New Brunswick..	Aug. 4, 1910	Valvular disease of the heart.
Eunice A. Rogers.....	52	F.	"	Married.....	New Hampshire..	Aug. 6, 1910	Dysentery.
William W. McCombie.....	61	M.	"	Married.....	Sweden.....	Aug. 7, 1910	Organic heart disease.
Niles Peterson.....	42	"	"	Widowed.....	New Hampshire..	Aug. 8, 1910	Acute alcoholic epilepsy.
Vilona L. Gilson.....	80	F.	"	Married.....	"	Aug. 8, 1910	Exhaustion in senile dementia.
Maud E. Tozier.....	39	"	"	Married.....	Maine.....	Aug. 12, 1910	Dysentery.
Moses Ashmault.....	63	M.	"	Married.....	P. E. I.....	Aug. 14, 1910	Chronic interstitial nephritis.
Porter C. True.....	85	"	"	Widowed.....	U. S. A.....	Aug. 14, 1910	Exhaustion in senile dementia.
Philena Spencer.....	53	F.	"	Single.....	New Hampshire..	Aug. 15, 1910	Organic heart disease.
Samuel R. Duren.....	82	M.	"	Married.....	Massachusetts..	Aug. 16, 1910	Enterocolitis.
Mary L. Wallace.....	67	F.	"	Single.....	New Hampshire..	Aug. 18, 1910	Enterocolitis.
Georgia C. French.....	51	"	"	"	"	Aug. 21, 1910	Acute dilation of heart.
Edward Lambert.....	33	M.	"	"	"	Aug. 22, 1910	Status epilepticus.
Susan A. Head.....	67	F.	"	Married.....	"	Aug. 22, 1910	Enterocolitis.
Mary F. Reynolds.....	78	"	"	Single.....	"	Aug. 24, 1910	Broncho-pneumonia.
Emma Martin.....	29	"	"	Married.....	England.....	Aug. 24, 1910	Paresis.
Sarah A. Luge.....	48	"	"	Widowed.....	New Hampshire..	Aug. 25, 1910	Organic heart disease.
Lucy Hurd.....	78	"	"	"	Quebec.....	Aug. 28, 1910	Cerebral hemorrhage.
Eugene Deslèts.....	52	M.	"	"	"	Aug. 29, 1910	Organic dementia.

Persons who died at the Rockingham County Asylum during the year ending August 31, 1910.

Emma Meserve.....	63	F.	W.	Widowed.....	American.....	Sept. 2, 1909	Acute mania.
Mary E. Willey.....	65	"	"	"	"	Sept. 13, 1910	Dementia.
Mary Cook.....	59	"	"	Single.....	English.....	Jan. 18, 1910	Paretic dementia.

TABLE No. 6.—Continued.—DEATHS.

NAME.	AGE, SEX AND CONDITION.				Nationality.	Date of death.	Cause of death.
	Years.	Male.	Female.	Color.			
<i>Persons who died at the Strafford County Asylum during the year ending August 31, 1910.</i>							
None.							
<i>Persons who died at the Belknap County Asylum during the year ending August 31, 1910.</i>							
Carrie D. Buckmore .....	70	.....	F.	W.	Widowed.....	American.....	April 25, 1910 Convulsions.
<i>Persons who died at the Carroll County Asylum during the year ending August 31, 1910</i>							
Martha Tibbitts.....	71	.....	F.	W.	Widowed.....	American.....	May 20, 1910 Heart disease.
<i>Persons who died at the Merrimack County Asylum during the year ending August 31, 1910.</i>							
None.							
<i>Persons who died at the Hillsborough County Asylum during the year ending August 31, 1910.</i>							
None.							
<i>Persons who died at the Cheshire County Asylum during the year ending August 31, 1910.</i>							
Burpee, A. E.....	72	M.	.....	W.	Single.....	American.....	July 19, 1910

*Persons who died at the Sullivan County Asylum during the year ending August 31, 1910.*

	71	F.	W.	Widowed.....	American.....	Nov. 7, 1909 Feb. 3, 1910	Cerebral embolism. Heart disease.
Carr, Martha.....	71	.....	.....	.....	.....	.....	.....
Dingman, Chester.....	78	M. ....	.....	.....	.....	.....	.....

*Persons who died at the Grafton County Asylum during the year ending August 31, 1910.*  
None.

*Persons who died at the Coös County Asylum during the year ending August 31, 1910.*  
None.

TABLE No. 7.

*Persons who received State Aid at the New Hampshire State Hospital by order of the Commissioners of Lunacy during the two years, September 1, 1908,—August 31, 1910, inclusive, not including those whose complete record is given in former reports.*

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Abbott, Dexter.....	Hillsborough.....	Oct. 23, 1907	
Adams, Albert.....	Coös.....	Jan. 1, 1905	May 8, 1910
Adams, Albert E.....	Belknap.....	Mar. 11, 1908	
Adams, Angeline.....	Hillsborough.....	June 29, 1907	July 15, 1910
Adams, Moses.....	Merrimack.....	July 1, 1907 (Partial support)	
Adishian, Salag.....	Coös.....	April 1, 1907	
Adomaitis, Anton.....	Grafton.....	Nov. 28, 1908	July 6, 1909
Ahern, Bessie.....	Cheshire.....	Aug. 27, 1908	
Aiken, Charles.....	Rockingham.....	Nov. 8, 1907	Feb. 12, 1909
Allen, Helen J. A.....	Merrimack.....	Nov. 1, 1909	
Anderson, Ida.....	".....	Jan. 31, 1910	
Anderson, Louise.....	Hillsborough.....	Nov. 2, 1904	
Anderson, Peter.....	Merrimack.....	Jan. 1, 1905	
Andrews, Lillian.....	Belknap.....	Jan. 1, 1908	
Annis, John S.....	Rockingham.....	Aug. 17, 1904	
Arell, Peter.....	Merrimack.....	Jan. 26, 1909	
Arnold, Mary Ada.....	Belknap.....	Dec. 7, 1908	Oct. 13, 1909
Atwood, Flora A.....	Merrimack.....	April 1, 1907	
Aulis, Thomas H.....	Grafton.....	June 15, 1907	
Avery, Laura.....	Merrimack.....	Dec. 19, 1904	
Babb, Sally E.....	Strafford.....	July 1, 1908	Oct. 17, 1908
Badger, William H.....	Grafton.....	May 22, 1910	July 5, 1910
Ballard, Fred K.....	Merrimack.....	April 1, 1900	July 26, 1909
Barber, Lydia.....	Sullivan.....	Dec. 28, 1907	
Barbour, Ernest.....	Hillsborough.....	Jan. 1, 1905	
Barnes, Herbert.....	".....	Oct. 23, 1907	
Barr, Arthur L.....	Strafford.....	July 26, 1910	
Bartlett, Alice S.....	".....	April 1, 1907	
Bartlett, Frances.....	Hillsborough.....	April 15, 1908	
Basillian, Solomon.....	".....	Oct. 23, 1907	June 22, 1909
Batchelder, Florene.....	Rockingham.....	Feb. 7, 1905	
Bean, Hattie.....	".....	Jan. 1, 1905	
Bean, Mark O.....	Carroll.....	Aug. 20, 1908	
Bean, Mary Ann.....	Hillsborough.....	Sept. 1, 1909	April 1, 1910
Beatty, Roland.....	Belknap.....	Oct. 22, 1908	
Bedel, Alice.....	Coös.....	Nov. 6, 1908	
Beers, Richard.....	Merrimack.....	April 1, 1907	
Beirne, James P.....	Cheshire.....	Jan. 1, 1905	
Belanger, Joseph.....	Strafford.....	Oct. 5, 1908	Oct. 27, 1908
Belduke, Napoleon.....	Merrimack.....	June 17, 1909	Aug. 28, 1909
Beliveau, Peter.....	Cheshire.....	June 7, 1910	July 8, 1910
Bellemare, Hermine.....	Hillsborough.....	June 3, 1910	
Belmare, Andrew.....	Grafton.....	April 3, 1909	April 5, 1909
Bennett, Rose A.....	Merrimack.....	Dec. 1, 1908	Sept. 16, 1909
Benoit, Armidas.....	Hillsborough.....	Jan. 1, 1905	
Benoit, Mary.....	Merrimack.....	June 24, 1908	
Bergeron, Joseph.....	Strafford.....	Sept. 19, 1908	
Berritt, Harvey C.....	Grafton.....	April 1, 1907	
Berry, Ernest H.....	Merrimack.....	June 2, 1909	Aug. 30, 1909
Berry, Edwin L.....	Rockingham.....	July 5, 1904	Aug. 2, 1910
Berry, John H.....	Strafford.....	April 1, 1903	
Berry, Laura A.....	".....	Jan. 1, 1905	
Berry, Marshall.....	Carroll.....	Sept. 8, 1908	
Berube, Alcide.....	Strafford.....	Sept. 17, 1904	
Berube, Joseph A.....	Grafton.....	June 30, 1908	Sept. 1, 1908
Besile, Isai.....	Hillsborough.....	Mar. 10, 1909	
Betham, Aurant.....	Merrimack.....	Dec. 4, 1902	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Billet, Gustave A.	Belknap	Jan. 1, 1905	
Bird, Olivine	Hillsborough	April 15, 1908	
Bissom, Maggie	Belknap	Nov. 30, 1909	
Blain, Julia	Hillsborough	April 1, 1907	
Blake, Izetta D.	Merrimack	April 1, 1907 (Partial support.)	
Blake, William B.	Rockingham	Jan. 1, 1907	
Blanchard, Charles H.	Merrimack	Dec. 1, 1908	Dec. 22, 1908
Bliss, Cyrus	Cheshire	June 4, 1907	Sept. 14, 1909
Bliss, Lucy	Hillsborough	July 1, 1908	
Bliss, Lucy	"	May 20, 1910	
Bliss, Lucy	"	Nov. 21, 1905	
Blood, Charles C.	Merrimack	April 1, 1907	
Blood, Edwin P.	Hillsborough	Mar. 4, 1910	
Blood, Fred C.	"	Mar. 30, 1909	
Boiley, Erbest.	"	Sept. 16, 1909	Jan. 8, 1910
Boisvert, Azeline	"	April 15, 1908	
Boisvert, Elmer	"	June 15, 1907	
Boisvert, Fred.	Sullivan	Dec. 28, 1907	
Bonneau, Vittoline	Merrimack	Jan. 1, 1905	
Bordeau, Simon	Hillsborough	Oct. 23, 1907	
Borden, Frank	Merrimack	Dec. 23, 1909	
Boudreau, James	Coös	Sept. 21, 1908	Nov. 12, 1908
Boulanger, Charles	Hillsborough	Aug. 26, 1910	
Bournival, George	"	April 15, 1908	
Boutin, Angeline	Merrimack	Oct. 6, 1908	Dec. 14, 1908
Boutwell, Lily A.	Hillsborough	April 1, 1907	May 27, 1909
Bowers, George P.	"	Feb. 9, 1909	
Boyle, James A.	Sullivan	Jan. 11, 1908	Sept. 10, 1908
Bradbury, Mary E.	Merrimack	May 10, 1909	May 25, 1909
Bradford, Minnie F.	Rockingham	May 13, 1907	Mar. 19, 1910
Brady, Sarah	Grafton	July 28, 1910	
Brent, Charles	Rockingham	July 1, 1907	
Bricckett, George	Sullivan	Dec. 28, 1907	
Brooks, Jennie	Rockingham	April 1, 1907	
Brown, Alfred H.	"	Jan. 1, 1905	
Brown, Alfred K.	Cheshire	Jan. 1, 1907	
Brown, Annie	Rockingham	May 24, 1910	
Brown, Bonavista	Hillsborough	Dec. 26, 1907	Oct. 31, 1908
Brown, Christie W.	Merrimack	Sept. 16, 1907	
Brown, Emma	Rockingham	Mar. 11, 1910	
Brown, Frank M.	Merrimack	Jan. 1, 1905	
Brown, George W.	Cheshire	July 1, 1907	
Brown, George W., 2d	Rockingham	Oct. 22, 1908	
Brown, Harry	"	May 18, 1909	
Brown, Susan J.	Hillsborough	July 23, 1909	
Bruce, Carl	"	Dec. 26, 1907	Jan. 13, 1909
Bryant, Jennie	Strafford	May 9, 1904	
Bryden, David	Sullivan	Feb. 23, 1909	Jan. 10, 1910
Bryer, Ellen	Hillsborough	June 21, 1909	Oct. 16, 1909
Burgois, Mary T.	"	April 1, 1907	
Burgoin, Concorde	Sullivan	Jan. 1, 1905	
Burr, Emma J.	Hillsborough	May 18, 1909	July 21, 1909
Burraby, Josephine	Strafford	Feb. 14, 1906	
Burrroughs, John M.	Cheshire	April 1, 1908	
Butterick, Mrs. Maria	"	(Partial support.) Aug. 31, 1910	
Byrns, Ambrose	Merrimack	Dec. 19, 1901	
Cady, Edward L.	Grafton	Oct. 11, 1907	
Callaghan, Ellen	"	July 26, 1909	Oct. 25, 1909
Calahan, W. Findley	Rockingham	July 1, 1908	
Cameron, James W.	Strafford	Sept. 5, 1908	June 10, 1909
Campbell, Mary A.	"	Nov. 11, 1909	
Canney, John H.	"		

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Carbonneau, Evelyn	Grafton	Mar. 6, 1910	Mar. 23, 1910
Card, John P.	Strafford	April 1, 1907	
Carson, August	Merrimack	Oct. 19, 1908	
Carney, John	"	Sept. 17, 1909	Sept. 21, 1909
Carnier, Phillippe	Rockingham	Nov. 12, 1908	Mar. 3, 1909
Carpenter, Thomas E.	Cheshire	Sept. 12, 1907	
Carr, Harriet A.	Rockingham	Sept. 29, 1909	
Carriere, Josephine	Hillsborough	April 1, 1910	
Carriveau, George	Merrimack	Oct. 1, 1907	
Carroll, Mary	Hillsborough	Aug. 26, 1910	
Carson, Grace	Merrimack	May 12, 1908	
Carter, George	"	Jan. 1, 1905	
Carter, John	"	June 23, 1909	June 25, 1909
Casey, Mary	Coös	April 9, 1909	
Cashien, Martin	Merrimack	Jan. 1, 1905	
Castagne, Frank	"	Jan. 1, 1905	
Caswell, Frank J.	"	April 13, 1908	Oct. 4, 1908
Caswell, Frank J.	"	Mar. 9, 1909	Sept. 14, 1909
Caswell, Frank J.	"	Jan. 26, 1910	
Cate, Christie McR.	Hillsborough	Jan. 15, 1907	
Chapman, Mary	Grafton	Feb. 6, 1908	
Chapman, William E.	Rockingham	Aug. 20, 1910	
Charait, David	Hillsborough	June 10, 1910	
Chase, Eugene M.	"	June 21, 1910	
		(Partial support)	
Chase, Nellie	Grafton	Feb. 6, 1908	
Chase, Odell R.	Carroll	May 30, 1905	
Chasse, Eurebe V.	Hillsborough	April 15, 1908	Aug. 24, 1909
Cheaney, Charles	Grafton	Jan. 1, 1905	
Choschy, Herman J.	Sullivan	April 1, 1907	
Clancy, John H.	Coös	Sept. 15, 1908	
Clark, Edith	Merrimack	Jan. 1, 1905	
Clark, James	"	Jan. 1, 1905	
Clark, Jennie A.	Grafton	Aug. 18, 1909	
Clarke, Julian O.	Hillsborough	Oct. 23, 1907	
Clayton, Betsy	Strafford	Jan. 23, 1908	
Clegg, William N.	Cheshire	Jan. 1, 1905	
Clements, Leonora	Strafford	Feb. 10, 1908	Jan. 8, 1910
Cobb, Fay H.	Grafton	Aug. 16, 1909	
Colby, Annie	"	Feb. 6, 1908	
Cole, Elizabeth A.	Strafford	Oct. 1, 1908	Oct. 10, 1908
Cole, Selina	Hillsborough	May 4, 1908	
Coleman, William	Merrimack	April 1, 1907	
Collins, Charlotte	"	April 1, 1907	
Collins, Margaret M.	Hillsborough	Nov. 1, 1907	
Colwell, Hattie L.	Belknap	Feb. 25, 1909	
Conant, Grace	Hillsborough	Feb. 14, 1908	
Cone, Frank	Coös	Jan. 1, 1905	July 8, 1910
Conlon, Annie M.	Hillsborough	June 19, 1909	
Conneley, Thomas	Merrimack	Jan. 17, 1910	
Connors, Thomas F.	"	June 27, 1910	July 20, 1910
Conovan, James	"	Dec. 17, 1906	
Cook, Benjamin C.	"	Mar. 14, 1901	
Cook, Carrie	Hillsborough	Aug. 15, 1910	
Cook, Herbert W.	Merrimack	Mar. 2, 1907	
Copp, Mina	Grafton	Feb. 6, 1908	
Corbett, Margaret	Cheshire	June 4, 1907	
Corson, Eva M.	Rockingham	Jan. 1, 1905	
County, Mary J.	Hillsborough	Aug. 25, 1909	
Courtemauche, J. Alphonse	Grafton	Oct. 2, 1909	Nov. 3, 1909
Craigie, Martha A.	Merrimack	June 7, 1910	June 28, 1910
Crocker, Burtis A.	Cheshire	Jan. 1, 1905	
Crompton, William	Rockingham	April 1, 1907	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Cronin, William	Rockingham	May 26, 1908	
Crosby, Benjamin	Cheshire	July 1, 1907	
Cross, Frank R.	Belknap	Aug. 20, 1908	
Crowley, John	"	April 1, 1907	
Cuddihy, James W.	Hillsborough	Oct. 23, 1907	
Cuff, Mary A.	Rockingham	June 8, 1907	
Cummings, Harriet E.	Hillsborough	Aug. 2, 1906	
Cunningham, John	Rockingham	Nov. 8, 1907	
Cunningham, Thomas F.	Hillsborough	Oct. 10, 1905	June 17, 1909
Currier, Josephine	Belknap	May 22, 1909	
Cutler, Carlos L.	Rockingham	Jan. 15, 1909	
Cutter, Mary	Grafton	Jan. 1, 1905	
Daneau, Philip	Merrimack	Aug. 11, 1908	Sept. 7, 1908
Daniels, Charles	Rockingham	Mar. 3, 1905	June 2, 1909
Daniels, George L.	Hillsborough	Oct. 23, 1907	
Dansereault, Frank	Strafford	Jan. 1, 1905	
Davis, Alecia M.	Grafton	Jan. 1, 1905	
Davis, Annie	Strafford	May 12, 1910	
Davis, Arthur W.	Sullivan	July 31, 1906	Sept. 15, 1908
Davis, Arthur W.	"	Sept. 18, 1908	
Davis, Charles F.	Strafford	Nov. 29, 1909	
Davis, Lizzie	Rockingham	Nov. 5, 1908	
Davis, Sarah A.	Hillsborough	July 1, 1908	April 30, 1910
Daymouth, Mary	"	April 1, 1907	
Dearborn, Elizabeth A.	Rockingham	Jan. 1, 1905	
Demars, Frank L.	Merrimack	Sept. 1, 1908	Dec. 26, 1908
Dempsey, Frances	Strafford	May 9, 1907	
Denerge, Dequander.	Hillsborough	July 16, 1910	
Descoteaux, Norbert	"	Aug. 18, 1908	Jan. 26, 1909
Desilets, Eugene	"	Aug. 15, 1910	Aug. 29, 1910
Desmaris, Mary	Merrimack	July 18, 1907	
Desmond, Patrick	Sullivan	Sept. 19, 1907	Oct. 9, 1908
Dexter, Hattie S.	Belknap	Feb. 14, 1905	
Dimond, Henry C.	Grafton	July 27, 1907	Jan. 14, 1909
Dion, Ernestine	Hillsborough	Dec. 28, 1908	Nov. 28, 1909
Dion, Joseph	"	Jan. 4, 1908	
Dione, Louis	"	Jan. 1, 1905	
Dionne, Ivanho	Strafford	Jan. 25, 1899	
Dionne, Josephine	"	April 1, 1907	
Dixon, Emma J.	"	Mar. 5, 1910	
Dodge, Lizzie T.	Belknap	April 1, 1907	
Dolloff, Clara	Carroll	April 1, 1907	
Donegan, Richard J.	Hillsborough	Feb. 8, 1908	Jan. 18, 1910
Donnar, John	Merrimack	Jan. 31, 1908	
Donnelly, Edward	Sullivan	Aug. 17, 1909	
Donnolly, Alice	Strafford	Aug. 30, 1910	
Donovan, Charles J.	Belknap	Jan. 14, 1905	
Donovan, Michael	Strafford	Jan. 1, 1905	May 12, 1906
Donovan, Michael	"	July 2, 1908	Sept. 5, 1908
Dowalby, Michael A.	"	May 14, 1908	
Dowst, Martha A.	Merrimack	June 8, 1908	
Doyle, Sylvester	Cheshire	Jan. 1, 1905	
Drago, George B.	Hillsborough	July 24, 1908	
Driscoll, Jeremiah	Grafton	May 21, 1910	
Driscoll, Mary	Hillsborough	Jan. 1, 1905	
Down, Ross E.	Carroll	Oct. 4, 1909	April 5, 1910
Dube, Eugenie	Cheshire	June 4, 1907	
Dubois, Arthur	Hillsborough	May 4, 1908	Nov. 15, 1908
Duchene, Joseph	Merrimack	June 19, 1909	July 12, 1909
Duclos, Sueie	Hillsborough	Jan. 15, 1907	Oct. 29, 1908
Dumais, Rose	Strafford	Mar. 6, 1903	Oct. 1, 1909
Dunham Etta M.	Rockingham	Oct. 23, 1908	
Duplesee, Obeline	Cheshire	Jan. 1, 1905	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began	Date of discharge.
Durkin, Mary	Merrimack	Aug. 15, 1910	
Dustin, Rosaline	Grafton	May 29, 1908	
Dwyer, Patrick	Rockingham	Mar. 1, 1910	Sept. 2, 1908
Dyer, John J.	Hillsborough	Feb. 18, 1910	
Dysart, Willie	Grafton	Jan. 1, 1905	
Eastman, Luella E.	Rockingham	Sept. 14, 1908	
Eaton, George M.	"	June 30, 1910	
Eaton, Richard	Hillsborough	Oct. 23, 1907	
Edgerly, Anna M.	Merrimack	Oct. 17, 1909	
Edgerly, Frederick H.	Carroll	Jan. 1, 1905	
Edmunds, Ida	Merrimack	Aug. 8, 1910	
Egan, Annie	Sullivan	Feb. 6, 1903	
Eickhorn, Lorenz	Hillsborough	April 13, 1906	May 28, 1909
Ekblad, John	Rockingham	Jan. 1, 1908	
Ellis, Hartwell	"	April 15, 1909	April 18, 1910
Ellis, Hollis M.	Belknap	April 1, 1907	
Ellsmore, Mary	Carroll	Dec. 18, 1908	Jan. 1, 1909
Elsner, Louis	Rockingham	Jan. 1, 1905	
Emery, Frank D.	Hillsborough	June 11, 1910	Aug. 21, 1910
Emery, Zoel	Cheshire	Jan. 20, 1903	
Endman, Edward	Coös	Sept. 9, 1908	Feb. 9, 1909
Erickson, Hannah	Merrimack	Sept. 20, 1905	
Ethier, Charles	Cheshire	Aug. 14, 1908	
Evans, Hattie L.	Grafton	Jan. 1, 1905	
Everett, Annie	Cheshire	Jan. 1, 1905	
Fagan, Eliza	Merrimack	April 1, 1907	
Fairchild, David G.	Cheshire	Feb. 25, 1909	
Farley, Jeremiah	Hillsborough	Aug. 8, 1905	Feb. 26, 1910
Farmonian, Annie	Merrimack	Sept. 16, 1907	
Farnham, Herbert E.	Carroll	Jan. 1, 1905	
Farnham, Stoughton L.	Hillsborough	July 5, 1908	Jan. 25, 1910
Farnum, Henry O.	"	Dec. 22, 1909	June 21, 1910
Farrell, Thomas	Strafford	Oct. 27, 1908	Feb. 11, 1909
Feeteau, John	"	April 1, 1907	
Ferkand, Angelina	Coös	May 13, 1907	
Filion, Peter	Grafton	Jan. 1, 1905	
Fillion, August	Strafford	Jan. 1, 1905	Sept. 26, 1908
Fisher, George	Merrimack	April 1, 1907	
Fisk, William H.	Hillsborough	Jan. 1, 1907	
Fitz, John L.	Merrimack	Oct. 1, 1904	
Fitzgerald, Catherine	"	April 1, 1907	
Flaherty, Helen C.	Hillsborough	June 11, 1910	June 29, 1910 (Not insane.)
Flanders, Reuben R.	Carroll	Sept. 15, 1909	
Flanders, Rose	Belknap	July 29, 1908	
Flanders, Walter	Merrimack	Jan. 6, 1910	April 2, 1910
Flessa, George	Hillsborough	Oct. 23, 1907	
Flisk, Peter	"	July 26, 1909	
Fogg, Anna E.	Carroll	Jan. 1, 1905	Aug. 27, 1907
Foley, Mary E.	Hillsborough	Jan. 1, 1906	
Follansbee, Commodore P.	Grafton	Dec. 12, 1906	
Forbes, Jessie	Coös	April 1, 1907	
Ford, Charles	Rockingham	Nov. 8, 1907	
Foreman, Rose	Hillsborough	Jan. 19, 1904	
Fortier, Eugene	"	Oct. 22, 1909	July 25, 1910
Foss, Charles H.	Merrimack	Jan. 17, 1908	
Foss, Otis E.	Strafford	Jan. 12, 1909	Feb. 15, 1909
Foster, Belle B.	Rockingham	Sept. 15, 1907	
Fountain, Eddie	Strafford	April 1, 1907	
Frances, Nellie	Hillsborough	Nov. 7, 1906	Sept. 30, 1909
Frane, Henry	"	Jan. 15, 1907	
Fredette, Joseph	"	April 1, 1907	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Freeto, Luella L.		April 1, 1904	
Frye, John	Carroll	May 21, 1910 (Partial support.)	June 20, 1910
Fuller, Harry	Grafton	June 28, 1908	Dec. 3, 1909
Furbush, Mary A.	Strafford	Jan. 1, 1905	
Gage, Lucy A.	Merrimack	Mar. 1, 1909	
Gagner, John	Strafford	May 7, 1908 (Partial support.)	July 25, 1910
Gagnon, Lena	Hillsborough	April 15, 1908	June 5, 1909
Gay, Louis D.	Coös	Oct. 17, 1908	May 26, 1909
Gayne, Michael	Rockingham	Dec. 9, 1904	
Garland, William	"	Jan. 1, 1905	
Garrett, Tony	Strafford	Feb. 17, 1909	
Garvey, Jennie T.	Merrimack	July 1, 1906	
Gauthier, Mary	Hillsborough	April 15, 1908	
Gedraitis, Paul	Grafton	Dec. 24, 1907	
Genells, Margaret	Hillsborough	June 15, 1907	Dec. 4, 1908
Genest, Charles	Coös	Oct. 29, 1907	
Gervais, Ludger	Hillsborough	Feb. 6, 1909	
Gibbons, Jennie	"	April 28, 1908	
Gibson, Elwin J.	"	May 28, 1909	Nov. 3, 1909
Gibson, Elwin J.	"	Jan. 29, 1910	
Gibson, Wilbert	"	May 12, 1910	
Gignac, Rosanna	Belknap	April 1, 1907	
Gillis, Warren D.	Hillsborough	Oct. 23, 1907	
Gilmartin, Edwin W.	Hillsborough	July 11, 1909	Nov. 21, 1909
Glaseo, Lavinia	Grafton	May 6, 1905	
Gleason, Edward L.	Strafford	April 6, 1908	Feb. 15, 1909
Gleason, Frank	Hillsborough	Sept. 13, 1906	
Glidden, Walter C.	Strafford	April 1, 1907	
Glines, Henrietta	Merrimack	Mar. 24, 1908	
Glover, Lina M.	Rockingham	July 28, 1908	
Good, James	Cheshire	Nov. 10, 1903	
Goodall, Edward H.	Rockingham	Oct. 20, 1906	May 18, 1909
Goodwin, Etta L.	Merrimack	July 11, 1903	
Gorman, Patrick	Hillsborough	Aug. 17, 1908	Sept. 19, 1908
Grant, Anna M.	"	July 11, 1901	
Grant, Betsey E.	Carroll	Jan. 1, 1905	
Greaney, Maud	Hillsborough	June 6, 1909	
Greeley, George L.	Merrimack	July 1, 1907	
Griffin, Charles H.	Coös	Mar. 5, 1910	
Griffin, Katherine E.	Grafton	Nov. 9, 1908	June 19, 1909
Griffin, Thomas	Hillsborough	Sept. 23, 1909	
Groome, Millicent A.	Coös	Nov. 15, 1909	
Grook, Bridget	Merrimack	April 1, 1907	
Guertin, Joseph	Strafford	April 1, 1908	May 25, 1909
Guilbeault, Lizzie	Hillsborough	Feb. 14, 1908	
Hadley, Ida E.	Cheshire	May 21, 1907	
Hale, Charles L.	Belknap	April 1, 1907	
Hale, Charles W.	Carroll	April 2, 1908	
Hale, Grace O.	Cheshire	June 4, 1907	
Hale, Harry L.	Cheshire	June 4, 1907	
Haley, Charles	Rockingham	April 13, 1908	Sept. 4, 1909
Hall, Oscar	Merrimack	Jan. 1, 1905	
Hallahan, Thomas	Belknap	Aug. 13, 1908	Dec. 2, 1908
Ham, Theron	Strafford	Oct. 28, 1909	
Hammel, Alfred	Merrimack	Dec. 5, 1908	
Hardy, Ethel L.	Hillsborough	July 1, 1909	
Hardy, Mattie	"	April 1, 1907	
Hardy, Walter D.	Merrimack	Mar. 1, 1909	
Harlan, Mary	Hillsborough	Jan. 1, 1905	
Harper, Joseph	Cheshire	April 22, 1904	
Harrigan, Ethel	Grafton	Jan. 1, 1910	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Harrigan, John.....	Grafton.....	Sept. 1, 1908	April 15, 1910
Hart, Ella.....	Hillsborough.....	April 15, 1908	
Hartigan, Margaret.....	".....	Mar. 4, 1910	
Hartshorn, Mary.....	".....	May 18, 1909	Jan. 17, 1910
Harty, David.....	Cheshire.....	May 27, 1909	Dec. 2, 1909
Harvey, George W.....	Rockingham.....	April 1, 1907	Oct. 18, 1909
Hayes, Robert C.....	Strafford.....	June 1, 1909	
Hayes, Martha D.....	".....	Sept. 22, 1904	
Hayes, Samuel E.....	Hillsborough.....	June 14, 1909	Mar. 8, 1910
Hayward, Annie.....	Merrimack.....	Jan. 1, 1905	
Healey, Patrick A.....	Hillsborough.....	April 22, 1906	
Heath, Mary J.....	".....	Sept. 9, 1909	
Hebert, Arthur.....	".....	May 26, 1909	Nov. 4, 1909
Hendricks, Mary A.....	Cheshire.....	Jan. 1, 1905	Dec. 4, 1908
Hennessy, Timothy.....	Rockingham.....	June 29, 1909	Nov. 4, 1909
Henry, Elizabeth.....	Strafford.....	July 14, 1908	Oct. 17, 1909
Hill, Annie E.....	Hillsborough.....	Jan. 1, 1905	
Hill, David A.....	Carroll.....	June 1, 1906	Dec. 15, 1908
Hill, Matilda.....	Cheshire.....	July 28, 1905	
Hillstrom, Olga.....	Strafford.....	April 1, 1907	
Hodsdon, Everett T.....	".....	April 1, 1907	
Hohenberger, Adam.....	Hillsborough.....	Oct. 23, 1907	
Hoitt, Marion.....	Grafton.....	Oct. 13, 1909	Oct. 19, 1909
Holmes, Avis.....	Hillsborough.....	Jan. 13, 1909	
Holt, Fred.....	".....	Oct. 23, 1907	
Holt, Thomas M.....	Rockingham.....	Nov. 19, 1908	
Hood, Susie P.....	Hillsborough.....	Nov. 27, 1908	
Hopkins, Sarah.....	".....	Nov. 12, 1909	July 20, 1910
Horan, Ellen.....	".....	April 1, 1907	
Howard, Anna.....	Grafton.....	April 1, 1907	
Howard, Jennie.....	Hillsborough.....	July 16, 1909	
Howe, Alberton W.....	Merrimack.....	June 1, 1910	
Howe, John C.....	Sullivan.....	Jan. 1, 1905	
Howe, William F.....	Hillsborough.....	Dec. 12, 1908	Jan. 23, 1910
Hoyt, Charles.....	Merrimack.....	Feb. 25, 1903	
Hoyt, Nora.....	Carroll.....	Feb. 26, 1909	
Hoyt, William.....	Strafford.....	Feb. 10, 1905	
Hubleby, Thomas.....	Rockingham.....	Jan. 1, 1905	
Huckins, Hannah.....	Belknap.....	Jan. 21, 1905	April 2, 1909
Hughes, Francis J.....	Strafford.....	Aug. 2, 1906	April 1, 1909
Hull, Elmer A.....	Hillsborough.....	Mar. 10, 1909	
Hull, Sadie E.....	Grafton.....	May 23, 1908	
Hunton, Clara L.....	Sullivan.....	Nov. 16, 1906	June 15, 1910
Hurley, Dennis.....	Merrimack.....	June 20, 1909	Oct. 5, 1909
Ingalls, Bertha E.....	Hillsborough.....	April 1, 1907	
Inglis, Grace M.....	Rockingham.....	April 1, 1907	
Inglis, Jessie.....	Hillsborough.....	Jan. 1, 1908	
Jackson, Henry.....	Coös.....	April 1, 1907	
Jackson, Lot.....	Strafford.....	April 1, 1907	Oct. 7, 1908
Jackson, Stephen.....	Merrimack.....	Nov. 20, 1908	Nov. 24, 1908
Janelle, Alphonse.....	Rockingham.....	April 1, 1907	
Janelle, Eleanor.....	Hillsborough.....	Jan. 1, 1905	
Jenkins, Henry A.....	Strafford.....	June 12, 1908	
Jette, Desire.....	Hillsborough.....	Mar. 29, 1910	Aug. 28, 1910
Johnson, Ella F.....	".....	July 1, 1908	
Johnson, Everett.....	Strafford.....	June 27, 1905	
Johnson, James.....	Rockingham.....	Mar. 3, 1905	
Johnson, Joseph.....	Merrimack.....	Oct. 21, 1909	Jan. 20, 1910
Johnson, Louisa F.....	".....	Oct. 1, 1903	
Jolin, Phœbe.....	Coös.....	July 18, 1910	
Jones, Anna R.....	Hillsborough.....	Jan. 15, 1907	
Jones, Clara E.....	Strafford.....	June 2, 1909	April 14, 1910
Jones, Mabelle.....	Belknap.....	Feb. 27, 1909	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Jones, Thomas F.	Rockingham	Oct. 24, 1908	
Kallman, George	Grafton	Sept. 1, 1906	
Kandarian, Nazanee	Hillsborough	July 16, 1909	Nov. 23, 1909
Kearns, Jane	"	Feb. 17, 1909	
Keenen, Frank W.	Grafton	Sept. 2, 1908	Sept. 12, 1908
Keilty, Ellen	Hillsborough	April 15, 1908	
Kelley, Celia, 2d	Coös	Jan. 1, 1905	
Kelley, Henry H.	Hillsborough	Dec. 2, 1908	Dec. 13, 1908
Kelley, Josephine	"	Jan. 1, 1905	April 30, 1909
Kelliher, Kate	"	Feb. 14, 1908	
Kelly, Patrick	Strafford	July 24, 1909	Sept. 24, 1909
Kelsey, Stanlius V.	Hillsborough	April 1, 1907	
Kennedy, Martha	Coös	Mar. 22, 1909	
Kenniston, Bert	Merrimack	June 9, 1909	
Keough, Thomas J.	Grafton	Aug. 16, 1910	
Kerins, Margaret	Hillsborough	June 3, 1910	
Kerrigan, Frank	Grafton	Aug. 30, 1910	
Kerrigan, Margaret	Hillsborough	Jan. 1, 1905	
Keys, Delia	Coös	Jan. 7, 1909	
Kidder, Frank E.	Hillsborough	Mar. 3, 1910	
Kidder, William H.	Grafton	July 13, 1910	
King, Louise E.	Hillsborough	Jan. 1, 1905	
Kubiak, Pelagia	Rockingham	Mar. 14, 1907	
La Bonté, Eva R.	Strafford	Oct. 2, 1909	
Lacasse, Joseph	"	Nov. 25, 1909	July 15, 1910
Lachance, Julia	Grafton	Dec. 1, 1908	May 17, 1909
Lacome, Victor	Coös	April 1, 1907	Nov. 23, 1909
Ladd, Harvey A.	Carroll	Aug. 5, 1909	
Ladd, Hattie	Merrimack	Sept. 16, 1907	
Lafotte, Mary A.	"	June 17, 1909	
Laforest, John	Hillsborough	Oct. 15, 1908	June 17, 1910
Lafountain, Lewis	Coös	Oct. 19, 1908	
Lahey, Michel	Rockingham	July 27, 1910	
Laird, Alexander	Merrimack	Oct. 30, 1909	Dec. 8, 1909
Lamar, Peter	Grafton	May 24, 1910	June 10, 1910
Lambert, Edward	Merrimack	Jan. 1, 1905	Aug. 22, 1910
Lambrououlos, Chrisola	Hillsborough	Nov. 16, 1908	Sept. 30, 1909
La Mere, Theophilus	"	April 15, 1908	
Lane, Mary A.	Rockingham	Dec. 1, 1909	
Langford, Thomas	Strafford	June 1, 1910	
Lanigan, Matti	Cheshire	June 4, 1907	
Lapierre, Digna M.	Rockingham	Dec. 29, 1905	
La Plant, Emily	Hillsborough	Feb. 8, 1907	
La Roche, Frank	Sullivan	April 1, 1907	
Larey, Harley	Grafton	June 14, 1909	
La Voix, John	Cheshire	June 4, 1907	
Lawrence, Lewis	Sullivan	April 1, 1907	
Leach, Libeous A.	Hillsborough	Jan. 1, 1905	
Learned, Charles H.	Grafton	Oct. 1, 1908	Mar. 8, 1909
Leary, John, 2d	Strafford	Oct. 9, 1908	
Leash, Minnie	Cheshire	June 29, 1910	
Leavitt, Dixi S.	Belknap	June 3, 1908	
Lebland, Rosa	Hillsborough	Aug. 25, 1908	
Le Clair, Samuel	"	June 9, 1910	
Lee, Bridget	"	Jan. 1, 1905	
Lee, Harold	Merrimack	Aug. 10, 1909	Aug. 25, 1909
Lee, Kate	Rockingham	Sept. 2, 1905	
Lee, William H.	Merrimack	Jan. 1, 1905	
Le Mere, William	Cheshire	July 28, 1909	Sept. 8, 1909
Lemieux, Guillome	Coös	July 22, 1908	May 27, 1909
Leonard, John	Hillsborough	Oct. 23, 1907	
Leonard, Katherine	Merrimack	April 29, 1908	
Levermoir, Emma	Hillsborough	Jan. 1, 1905	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Levine, Ida.....	Strafford.....	Jan. 1, 1905	
Levisque, Cyrille.....	Hillsborough.....	Oct. 23, 1907	
Lewis, James.....	Strafford.....	Jan. 1, 1905	
Libbey, Ida B.....	".....	April 1, 1907	
Lindsey, Priscilla H.....	Hillsborough.....	Jan. 1, 1905	
Little, Frank.....	Grafton.....	April 1, 1907	
Little, H. Willis.....	".....	Jan. 1, 1905	
Littlefield, Charles L.....	Rockingham.....	April 13, 1909	Oct. 8, 1909
Lock, Henry H.....	Strafford.....	Feb. 25, 1910	
Locke, Lester H.....	Rockingham.....	Aug. 18, 1910	
Loneragan, Bridget.....	".....	Sept. 19, 1904	
Longecker, John.....	Hillsborough.....	Nov. 14, 1907	Sept. 10, 1909
Longral, Virginia.....	".....	Sept. 25, 1908	Nov. 13, 1908
Lord, Georgiana A.....	Strafford.....	June 14, 1910	
Lord, James.....	Rockingham.....	Mar. 26, 1910	Aug. 3, 1910
Lord, Norman E.....	".....	Jan. 5, 1907	
Lounsbury, John H.....	Grafton.....	Nov. 27, 1907	
Lucas, Freeman D.....	Strafford.....	April 8, 1909	
Lundberg, Hattie E.....	Rockingham.....	Oct. 7, 1904	
Luscier, Eudosis P.....	Hillsborough.....	May 2, 1906	
Luxman, Ann.....	Belknap.....	Jan. 21, 1905	Sept. 14, 1909
Lynch, Julia.....	Hillsborough.....	Oct. 1, 1907	
Lynch, Mary.....	".....	April 15, 1908	
Lyons, Mary.....	Strafford.....	April 1, 1907	
McAuliffe, Frank.....	Hillsborough.....	Oct. 23, 1907	
McCallion, Sarah.....	Strafford.....	Mar. 17, 1910	
McCollester, Sarah C.....	Cheshire.....	Oct. 17, 1906	
McConnell, Abba M.....	Merrimack.....	Sept. 7, 1909	
McCrystal, Mary.....	Strafford.....	June 1, 1907	July 28, 1909
McDonald, Addie M.....	Cheshire.....	May 19, 1909	June 21, 1909
McDonald, Angus.....	Rockingham.....	April 1, 1907	
McDuffee, Alice C.....	Strafford.....	April 7, 1909	
McGarvey, James.....	Coös.....	Feb. 19, 1910	
McIntire, Hattie E.....	Carroll.....	April 4, 1906	
Mack, John E.....	Hillsborough.....	Aug. 12, 1908	Sept. 4, 1908
McLaughlin, Julia.....	".....	Aug. 10, 1910	
McMillen, Frank.....	Grafton.....	Nov. 18, 1909	
McNamara, Mary.....	Hillsborough.....	Jan. 1, 1905	
McPherson, Emmaline.....	Sullivan.....	July 6, 1907	
McQuade, Clara A.....	Carroll.....	April 1, 1907	
McQuade, Nellie.....	".....	Jan. 1, 1905	
McQuade, Teresa A.....	Hillsborough.....	Dec. 30, 1908	
Madden, Bridget.....	Strafford.....	Jan. 1, 1905	
Madweski, Mary.....	Rockingham.....	Mar. 29, 1909	Oct. 30, 1909
Maguire, James.....	Merrimack.....	Jan. 6, 1910	Jan. 14, 1910
Maier, Phillip.....	Hillsborough.....	Sept. 29, 1909	
Mainard, Claudia.....	".....	April 17, 1908	
Malloy, John.....	Coös.....	Nov. 16, 1908	Mar. 2, 1909
Malloy, Mary.....	Hillsborough.....	Jan. 15, 1909	May 7, 1909
Malloy, Mary.....	".....	Dec. 4, 1909	
Maloney, Michael J.....	Strafford.....	May 5, 1909	June 24, 1909
Maloon, Nathaniel.....	Rockingham.....	Nov. 8, 1907	
Manderville, John R.....	Grafton.....	Jan. 1, 1905	
Mann, Walter.....	".....	Jan. 1, 1908	
Marcotte, Ulric.....	".....	Dec. 24, 1908	Nov. 5, 1909
Marcoux, Alma.....	Rockingham.....	Nov. 4, 1909	Jan. 9, 1910
Marion, Hervey.....	Hillsborough.....	Jan. 1, 1905	May 5, 1909
Marquis, Joseph.....	Coös.....	Dec. 10, 1907	
Marston, Marianna.....	Merrimack.....	April 1, 1907	
Marston, Stephen A.....	".....	Jan. 1, 1905	Mar. 18, 1909
Marthier, Jaques.....	".....	April 1, 1907	
Martin, Emma.....	Strafford.....	July 1, 1910	Aug. 24, 1910
Martin, Julia J.....	Merrimack.....	July 13, 1910	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Martin, Lizzie . . . . .	Hillsborough . . . . .	Feb. 24, 1906	
Martin, Rodger . . . . .	Coös . . . . .	Jan. 16, 1909	June 5, 1909
Martin, William . . . . .	Carroll . . . . .	Jan. 1, 1905	
Mason, Robert E. . . . .	Strafford . . . . .	Oct. 1, 1907	Sept. 15, 1909
Melancon, Sarah L. . . . .	Hillsborough . . . . .	Jan. 1, 1905	
Mercer, Samuel . . . . .	Merrimack . . . . .	July 1, 1904	
Merrill, Eliza . . . . .	Grafton . . . . .	Feb. 6, 1908	
Merrill, Nellie . . . . .	Merrimack . . . . .	Sept. 20, 1908	
Merrill, Simon T. . . . .	Grafton . . . . .	Aug. 24, 1905	
Metevier, Anne T. . . . .	Merrimack . . . . .	Mar. 15, 1909	Dec. 21, 1909
Michaud, Rose Anna . . . . .	Hillsborough . . . . .	Feb. 7, 1908	
Millard, Albert V. . . . .	Merrimack . . . . .	Dec. 1, 1908	
Millett, George . . . . .	Hillsborough . . . . .	Oct. 23, 1907	
Mills, Annie L. . . . .	Carroll . . . . .	May 7, 1907	Aug. 24, 1909
Mitchell, Alice . . . . .	Grafton . . . . .	Mar. 30, 1908	
Moineau, Eugenie . . . . .	Hillsborough . . . . .	Dec. 1, 1909	
Mongeau, Marceline . . . . .	" . . . . .	Jan. 1, 1905	
Moody, Dana . . . . .	Sullivan . . . . .	Aug. 24, 1909	Aug. 31, 1909
Moore, Philander . . . . .	Grafton . . . . .	Jan. 1, 1905	Nov. 14, 1908
Morain, Francis . . . . .	Hillsborough . . . . .	Oct. 23, 1907	
Morain, Josephine . . . . .	" . . . . .	Jan. 15, 1907	
Morgan, Mary . . . . .	" . . . . .	Oct. 23, 1908	Dec. 22, 1908
Moriarty, Mary . . . . .	" . . . . .	April 1, 1907	
Morin, Cedulie . . . . .	Coös . . . . .	Oct. 16, 1908	Dec. 25, 1908
Morley, Marian . . . . .	Merrimack . . . . .	June 30, 1906	
Morrill, Victoria W. . . . .	Strafford . . . . .	July 11, 1908	Jan. 14, 1909
Morrison, Charles . . . . .	Rockingham . . . . .	April 1, 1907	
Morse, Eliza J. . . . .	Hillsborough . . . . .	April 21, 1906	
Morse, Nellie J. . . . .	Cheshire . . . . .	Nov. 11, 1908	
Moulton, Charles G. . . . .	Hillsborough . . . . .	Sept. 12, 1908	
Mourley, Bridget . . . . .	" . . . . .	July 30, 1908	
Mullen, Jos H. . . . .	Coös . . . . .	Jan. 21, 1907	
Mulligan, James E. . . . .	Hillsboro . . . . .	June 28, 1910	
Muster, Desdemona . . . . .	Rockingham . . . . .	Aug. 19, 1908	May 20, 1909
Nelson, Carl . . . . .	Hillsborough . . . . .	April 1, 1907	July 13, 1909
Newcomb, Lizzie A. . . . .	Grafton . . . . .	Oct. 24, 1908	
Nichol, Joseph . . . . .	Hillsborough . . . . .	July 8, 1907	
Nichols, Mary L. . . . .	Merrimack . . . . .	Sept. 1, 1908	
Noyes, Irving . . . . .	Coös . . . . .	Sept. 19, 1904	
Nutting, Caroline D. S. . . . .	Merrimack . . . . .	July 1, 1907	
		(Partial support.)	
O'Brien, Bridget . . . . .	Rockingham . . . . .	Jan. 1, 1908	Nov. 22, 1908
O'Brien, Lizzie . . . . .	Cheshire . . . . .	Oct. 6, 1909	April 9, 1910
O'Brien, Margaret A. . . . .	Belknap . . . . .	April 1, 1907	
O'Connell, Edward . . . . .	Merrimack . . . . .	May 23, 1909	May 26, 1909
O'Connell, Michael . . . . .	Hillsborough . . . . .	Oct. 23, 1907	
O'Connor, Charles . . . . .	" . . . . .	Oct. 23, 1907	
O'Connor, Joseph . . . . .	Rockingham . . . . .	Nov. 8, 1907	
Odette, Samuel . . . . .	Coös . . . . .	May 26, 1908	
O'Leary, James . . . . .	Hillsborough . . . . .	April 15, 1909	
Oleson, Elias . . . . .	Coös . . . . .	Sept. 29, 1908	
O'Neil, John . . . . .	Rockingham . . . . .	Jan. 1, 1906	
Ordway, Ella . . . . .	Merrimack . . . . .	Mar. 14, 1903	
Octave, Brelle . . . . .	Hillsborough . . . . .	April 15, 1908	
O'Toole, John . . . . .	" . . . . .	Jan. 1, 1905	
Owens, Catherine . . . . .	Rockingham . . . . .	April 3, 1905	
Owens, George F. . . . .	" . . . . .	April 1, 1907	
Palardy, Theodore . . . . .	Hillsborough . . . . .	April 3, 1909	May 2, 1909
Palmer, James A. . . . .	Strafford . . . . .	Jan. 1, 1905	
Papseisk, John . . . . .	Hillsborough . . . . .	Sept. 1, 1909	Nov. 2, 1909
Paquette, Frank . . . . .	Belknap . . . . .	Oct. 13, 1909	Dec. 26, 1909
Paradis, Emily . . . . .	Hillsborough . . . . .	July 5, 1910	
Parr, Margaret . . . . .	" . . . . .	Jan. 1, 1905	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Parsley, Frank L.	Belknap	Jan. 14, 1905	
Patten, John A.	Merrimack	July 1, 1908	July 31, 1909
Pauton, Henry	Hillsborough	Jan. 20, 1909	June 11, 1909
Peaslee, George D.	"	May 13, 1907	
Peaslee, Lewis	Rockingham	Nov. 8, 1907	April 17, 1909
Perkins, Allie	Merrimack	April 1, 1907	
Perkins, Ida F.	Hillsborough	June 11, 1910	July 23, 1910
Perrusse, Henry	Strafford	Aug. 16, 1910	
Philbrick, Charles E.	Merrimack	July 16, 1909	Sept. 1, 1909
Philbrick, Daniel	Rockingham	Jan. 1, 1905	Dec. 29, 1908
Phillips, Mary E.	Merrimack	Feb. 7, 1906	
Pickard, Susan	"	(Partial support.) Sept. 16, 1907	
Pierson, Fred W.	Cheshire	May 26, 1908	
Pike, Rachel S.	Sullivan	Dec. 28, 1907	
Pincence, Ulric	Merrimack	July 18, 1908	
Pinkham, Grace G.	Strafford	July 1, 1907	
Pinkham, Lily A.	Belknap	Nov. 18, 1908	
Poliquin, Mary	Hillsborough	Jan. 1, 1905	
Pollard, Alvina A.	Grafton	Aug. 4, 1910	
Pollard, Edna A.	Sullivan	June 11, 1908	Mar. 5, 1909
Porter, Eva J.	Coös	Jan. 1, 1905	
Potter, Sarah	Merrimack	Jan. 15, 1910	Mar. 24, 1910
Potter, Sarah H.	"	Dec. 26, 1898	
Poulin, Joseph	Hillsborough	Jan. 24, 1906	
Powell, James	Grafton	June 1, 1910	
Powers, Lura	"	April 1, 1907	
Powhatten, Lester	Rockingham	Aug. 30, 1910	
Pratt, Josephine	Hillsborough	April 1, 1907	
Price, Fred	Merrimack	Sept. 19, 1909	Jan. 8, 1910
Pridham, Jennie M.	Rockingham	Nov. 11, 1907	
Prince, Romey	Merrimack	Nov. 24, 1908	Sept. 15, 1909
Proctor, Robert	Strafford	Aug. 25, 1910	
Proulx, Mary	Strafford	April 1, 1910	
Quimby, Fred L.	Grafton	Jan. 1, 1905	
Quimby, Ida B.	"	Jan. 31, 1910	Mar. 22, 1910
Quin, John	Hillsborough	Jan. 1, 1905	April 6, 1909
Quirolo, James D.	Strafford	June 22, 1910	Aug. 2, 1910
Ralph, Patrick	Merrimack	April 1, 1907	
Ramsay, Lydia A.	Belknap	Jan. 11, 1909	Sept. 25, 1909
Randall, Willis	Rockingham	Nov. 8, 1907	
Bath, John	Merrimack	Jan. 28, 1909	
Raza, Alfred	Hillsborough	April 1, 1907	
Ready, Margaret	"	Jan. 1, 1905	
Reagan, Cornelius	Rockingham	Dec. 1, 1908	
Reagan, Martin	Hillsborough	Jan. 22, 1909	Feb. 27, 1909
Redigan, Peter	"	Oct. 23, 1907	
Reeves, Jennie	Coös	Jan. 1, 1908	
Reynolds, Margaret	Merrimack	Dec. 16, 1909	Feb. 10, 1910
Reynolds, Mary F.	Grafton	April 16, 1909	Aug. 24, 1910
Rhines, Edith M.	Strafford	April 5, 1909	May 22, 1909
Rhines, Edith M.	"	May 16, 1910	
Rhoades, Ella	Coös	Jan. 1, 1905	
Rice, Charles F.	Rockingham	Mar. 31, 1908	
Rice, Harry	"	June 29, 1909	
Richardson, Roxanna	Grafton	Feb. 6, 1908	
Rickard, Belle	Sullivan	April 1, 1907	
Ricker, Charles H.	Strafford	Sept. 2, 1907	
Riley, Edward	Hillsborough	Oct. 23, 1907	
Riley, James	Strafford	Oct. 22, 1908	Mar. 23, 1909
Riley, James	"	Feb. 18, 1910	
Rines, Warren H.	Carroll	Aug. 17, 1907	
Ring, Frank C.	Merrimack	April 16, 1909	
		(Partial support.)	

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Rix, James C.	Merrimack	April 18, 1908	April 22, 1909
Roberts, Emma	Grafton	July 8, 1909	June 1, 1910
Roberts, Fred	Coös	Sept. 30, 1908	May 17, 1909
Robinson, Florence	Hillsborough	Jan. 1, 1905	
Robinson, George H.	Merrimack	April 1, 1907	
Robinson, Gertrude	Strafford	April 1, 1907	
Rogers, Gertrude	Belknap	Oct. 1, 1904	
Roles, George A.	Carroll	Dec. 17, 1908	Mar. 27, 1910
Roper, James H.	Hillsborough	Jan. 1, 1905	
Rowden, Couse	"	Oct. 15, 1908	June 20, 1909
Rowe, Harry	Strafford	Jan. 1, 1905	
Rowe, Irvin A.	Hillsborough	Mar. 4, 1909	Mar. 3, 1910
Rowen, Bridget	Strafford	Jan. 5, 1907	
Rundlett, Sarah E.	Hillsborough	Jan. 1, 1905	
Russell, Sarah E.	Strafford	Jan. 1, 1905	
Ryan, Mary	Hillsborough	Dec. 15, 1908	Mar. 31, 1909
Saltmarsh, Charles M.	Merrimack	Dec. 1, 1908	Feb. 23, 1909
Sanborn, Joseph B.	Belknap	Dec. 31, 1907	Jan. 10, 1909
Sargent, Charles H.	Merrimack	July 28, 1910	Aug. 30, 1910
Sargent, Frank W.	"	Jan. 26, 1910	
Sawyer, David	Cheshire	Jan. 1, 1905	
Sayles, Carter	Merrimack	Mar. 19, 1909	July 10, 1910
Scollard, Cornelius	Hillsborough	Jan. 1, 1905	Oct. 5, 1908
Scott, Anna	"	Jan. 1, 1910	
Scully, Margaret	"	July 1, 1908	
Seavey, Mignonette	Strafford	June 27, 1904	
Severance, Mary A.	Belknap	April 22, 1905	
Shaw, Charles L.	Sullivan	Dec. 28, 1904	Mar. 8, 1910
Shaw, John F.	Rockingham	April 21, 1908	Aug. 10, 1910
Shaw, Melissa	Merrimack	April 1, 1907	
Shepard, George	"	Jan. 1, 1905	
Sheridan, Charles	Coös	Mar. 3, 1910	April 29, 1910
Sherman, Frank S.	Merrimack	Sept. 24, 1909	Oct. 1, 1909
Shorett, Delia	Coös	April 1, 1907	
Shute, George	Rockingham	April 12, 1906	Mar. 14, 1909
Silver, Rosa	Strafford	June 8, 1908	Oct. 5, 1908
Simes, Alice M.	"	Sept. 1, 1909	
Simons, Edith M.	Grafton	June 13, 1908	Sept. 29, 1908
Sleeper, Frank	Rockingham	Nov. 8, 1907	
Small, Mary O.	Belknap	April 21, 1905	
Smart, Daniel	Carroll	Jan. 1, 1908	
Smith, Bernice S.	Merrimack	Mar. 1, 1907	Mar. 1, 1909
	"	(Partial support.)	
Smith, Bernice S.	"	Apr. 1, 1909	
Smith, Charles C.	Belknap	July 1, 1908	April 17, 1909
Smith, Elizabeth	Grafton	Feb. 6, 1908	
Smith, Ernest B.	Belknap	Mar. 21, 1908	
Smith, Etta	Hillsborough	Jan. 1, 1905	
Smith, Everett J.	"	Mar. 13, 1909	
Smith, Frank	Belknap	June 22, 1908	
Smith, George	Sullivan	Oct. 23, 1907	June 22, 1909
Smith, George R.	Cheshire	Jan. 1, 1905	
Smith, Isabelle	Sullivan	April 1, 1907	
Smith, Lottie J.	Grafton	Jan. 1, 1905	
Smith, Osman W.	Hillsborough	July 1, 1907	
Smith, Viannia	Coös	April 9, 1909	
Solon, William	Merrimack	Jan. 1, 1905	
Soudon, Maria	Hillsborough	Oct. 25, 1909	
Spain, Martin H.	Merrimack	June 25, 1910	Aug. 2, 1910
Spanos, William	Strafford	Oct. 12, 1909	
Spaulding, Eliza J.	Merrimack	Feb. 12, 1908	
Spenus, Angeleka	Hillsborough	Sept. 12, 1908	
Stack, William	Strafford	April 1, 1907	Sept. 9, 1908

TABLE No. 7.—Continued.

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Stannis, Demas	Hillsborough	Mar. 2, 1909	
St. Amour, Juliet	Rockingham	May 27, 1909	
Stephens, Julia F.	Grafton	May 12, 1909	Nov. 13, 1909
Stevens, Charles M.	Hillsborough	Jan. 1, 1905	
Stevens, Eugene W.	Belknap	Nov. 15, 1909	
Stevens, John B.	Rockingham	Nov. 27, 1909	
Stiles, Ada H.	Belknap	Jan. 4, 1909	
		(Partial support.)	
Stone, William	Rockingham	Mar. 3, 1905	
Storrs, Lois	Grafton	Feb. 6, 1908	
Stewart, Henry	Carroll	Feb. 16, 1909	
Sughrue, John	Hillsborough	July 30, 1907	July 11, 1909
Sullivan, Edward	Cheshire	Jan. 1, 1905	
Sullivan, Ellen	Hillsborough	Feb. 14, 1908	
Sullivan, John P.	Merrimack	April 1, 1907	
Sullivan, Margaret	Hillsborough	Oct. 9, 1909	
Sullivan, Patrick	"	April 1, 1907	
Sullivan, Robert	Strafford	Jan. 1, 1905	
Suzor, Mina	Grafton	Jan. 1, 1905	
Swain, Mabel M.	Strafford	Feb. 14, 1910	
Sweatt, George	Merrimack	June 7, 1907	
Symonds, George W.	"	Jan. 1, 1905	
Talbot, Charles D.	Hillsborough	July 1, 1905	
Talty, James	"	Jan. 1, 1905	
Tandy, Henry E.	Merrimack	Sept. 22, 1909	July 19, 1910
Tedford, Edward F.	Grafton	Jan. 1, 1905	
Tellier, Cellnia	Coös	Jan. 19, 1909	April 28, 1910
Tenney, Susan B.	Strafford	Nov. 1, 1909	Jan. 2, 1910
Terrio, Frank	Grafton	June 6, 1910	
Tetreau, Ludgar	Hillsborough	Dec. 16, 1908	June 6, 1910
Tetu, Alphonse	"	June 15, 1910	July 9, 1910
Therien, Zeperin	"	Oct. 23, 1907	
Theroux, Eddie	"	April 30, 1909	
Therrien, Louis	Strafford	Aug. 31, 1906	
Thomas, Arthur T.	Merrimack	June 21, 1909	
Thomas, Marie A.	Hillsborough	April 11, 1908	Mar. 2, 1909
Thompson, Arthur	"	April 1, 1907	
Thompson, Merle V.	"	Sept. 29, 1909	
Thompson, Timothy	Carroll	Feb. 10, 1909	May 6, 1910
Tibbets, Carrie M.	Strafford	April 1, 1907	July 27, 1909
Tierney, Bridget	Merrimack	April 1, 1907	
Tillison, Elvira M.	Hillsborough	July 29, 1909	
Tilton, Lydia E.	Belknap	May 5, 1909	May 30, 1909
Timbriano, Carmennee	Merrimack	July 15, 1910	July 31, 1910
Tobin, James B.	Hillsborough	Sept. 1, 1908	July 20, 1909
Totman, Hannah E.	Rockingham	Oct. 12, 1909	Oct. 15, 1909
Tracy, Annie M.	Hillsborough	June 2, 1909	May 16, 1910
Trainor, Thomas A.	Belknap	Oct. 26, 1908	Jan. 28, 1909
Trainor, Thomas A.	"	Mar. 6, 1909	June 5, 1909
Tredick, Julia A.	Rockingham	April 11, 1907	
Trumbell, Kate F.	Grafton	Feb. 23, 1910	
Trumbull, Helen	"	Feb. 6, 1908	
Tuck, Evelyn	Hillsborough	Feb. 14, 1908	
Tucker, James H.	"	April 10, 1903	
Tulip, Antoine, Jr.	Grafton	Sept. 20, 1909	May 11, 1910
Turcotte, Edward E.	Strafford	June 4, 1909	
Turcotte, Harry	Merrimack	Aug. 18, 1908	
Twombly, Ada M.	Strafford	April 1, 1907	
Upham, Abbie	Grafton	Oct. 2, 1909	
Unknown	Hillsborough	Mar. 10, 1909	
Venne, Ellery	Cheshire	Oct. 14, 1904	
Vermulen, Martha	Hillsborough	Feb. 14, 1908	
Wadleigh, Mary J.	Merrimack	Sept. 16, 1907	

TABLE No. 7.—*Concluded.*

NAMES.	Where from— County.	State aid at State Hospital began.	Date of discharge.
Walker, Benjamin	Carroll	May 25, 1910 (Partial support.)	
Walker, Ellen	Merrimack	June 7, 1910	July 12, 1910
Walker, Frank	Rockingham	Jan. 1, 1905	
Walker, Frank A.	"	April 8, 1907	
Walker, Martha	Merrimack	May 6, 1907	
Walker, Ruth L. S.	"	Feb. 2, 1909	Mar. 5, 1909
Wallace, Burton	Strafford	June 15, 1909	
Wallace, Eliza J.	Merrimack	July 1, 1907	
Wallace, Harriet L.	Carroll	June 9, 1904	
Wallis, Charles	Belknap	Aug. 10, 1910	
Walsh, Emma	Hillsborough	Jan. 24, 1910	
Webster, McKnabb	Grafton	Aug. 23, 1907	
Weeks, Joseph P.	Coös	Nov. 30, 1909	
Welch, John P.	Hillsborough	Nov. 16, 1903	
Welch, Patrick	"	Oct. 23, 1907	
Welch, William	Rockingham	Nov. 6, 1909	
Welsh, John	Hillsborough	June 30, 1909	
Wentworth, Alice	Carroll	Mar. 13, 1907	
Wentworth, Annie	"	June 1, 1909	
Weymouth, Edwin L.	Strafford	Mar. 17, 1909	May 26, 1909
White, George	Grafton	Aug. 14, 1907	
White, Hattie	"	Feb. 6, 1908	
White, John	"	April 1, 1907	
White, Mary	Hillsborough	Jan. 1, 1905	
Whitehouse, Maysie	Rockingham	Jan. 1, 1905	
Whitmore, Albra	Strafford	April 17, 1908	Sept. 1, 1908
Whittmore, Timothy	"	Dec. 20, 1909	
Whittier, Orville	Rockingham	Nov. 8, 1907	Dec. 19, 1908
Wilcox, Newton	Merrimack	Sept. 2, 1907	Mar. 3, 1908
Wilcox, Robert E.	Grafton	July 23, 1908	Sept. 9, 1908
Wilcox, Robert E.	"	Sept. 10, 1909	Dec. 3, 1909
Wilkinson, Charles A.	Hillsborough	Dec. 1, 1909	May 13, 1910
Willett, Edward	"	Oct. 23, 1907	
Wiley, Charles W.	Strafford	April 1, 1907	
Williams, Charles E.	"	Nov. 6, 1908	May 29, 1909
Wilson, Harry	Rockingham	Jan. 1, 1905	
Wilson, Henry	Hillsborough	Oct. 23, 1907	
Wilson, John F.	"	Jan. 1, 1905	
Wiltzine, Fred E.	Grafton	Dec. 4, 1908	June 7, 1909
Windham, Ellen J.	Cheshire	June 4, 1907	
Witham, Thomas J.	Rockingham	Mar. 13, 1909	
Wollen, Poll	Hillsborough	Jan. 1, 1905	
Womack, Nellie	Merrimack	April 1, 1905	
Wood, Lydia J.	Rockingham	Sept. 2, 1909	Sept. 19, 1909
Woodman, Edna F.	Grafton	April 1, 1907	June 17, 1910
Woods, Charles O.	"	Nov. 30, 1907	Sept. 4, 1908
Worcester, George H.	Strafford	Feb. 25, 1907	Mar. 25, 1910
Worcester, George M.	"	April 1, 1903	
Wright, Nora	Sullivan	Jan. 1, 1905	
Wyatt, Thomas	Hillsborough	Mar. 10, 1909	Feb. 3, 1910
Yarrington, Frank	Sullivan	July 24, 1902	
Young, Frank	Merrimack	July 30, 1901	
Zorvigian, Michael	Hillsborough	Feb. 13, 1906	July 5, 1909

TABLE No. 8.—RECAPITULATION.

The following shows the number of commitments, discharges, and deaths at the institutions named, during the year ending August 31, 1909, also the number of inmates remaining at these institutions at the latter date, as shown by the records of the board.

ASYLUMS FOR THE INSANE.				
	Inmates Sept. 1, 1909.	Commitments during the year ending Aug. 31, 1909.	Discharged	Deaths.
New Hampshire State Hospital.....	875	292	136	112
Rockingham County Asylum.....	30	..	..	..
Stafford County Asylum.....	..	1	2	1
Belknap County Asylum.....	3	2	..	..
Carroll County Asylum.....	2	..	1	1
Merrimack County Asylum.....	14	..	..	..
Hillsborough County Asylum.....	44	19	19	1
Cheshire County Asylum.....	20	..	1	..
Sullivan County Asylum.....	6	1	1	..
Grafton County Asylum.....	1	..	..	..
Coös County Asylum.....	6	..	2	..
Total for State.....	1,001	315	162	115

TABLE No. 9.—RECAPITULATION.

The following shows the number of commitments, discharges and deaths at the institutions named, during the year ending August 31, 1910, also the number of inmates remaining at these institutions at the latter date, as shown by the records of the board.

ASYLUMS FOR THE INSANE.				
	Inmates Sept. 1, 1910.	Commitments during the year ending Aug. 31, 1910.	Discharged.	Deaths.
New Hampshire State Hospital.....	909	293	128	131
Rockingham County Asylum.....	26	6	3	3
Stafford County Asylum.....	..	2	2	..
Belknap County Asylum.....	4	1	1	1
Carroll County Asylum.....	2	..	..	1
Merrimack County Asylum.....	11	..	2	..
Hillsboro County Asylum.....	43	13	14	..
Cheshire County Asylum.....	23	..	..	1
Sullivan County Asylum.....	7	2	..	2
Grafton County Asylum.....	1	1	1	..
Coös County Asylum.....	7	..	..	..
Total for State.....	1,033	318	151	139

TABLE No. 10.  
*Number of inmates at each asylum in the state a close of each fiscal year.*

NAMES OF ASYLUMS.	1889	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	
New Hampshire State Hospital.....	331	365	374	357	368	404	414	424	422	409	427	425	434	464	490	580	643	668	708	831	875	909	
Rockingham County Asylum.....	51	49	48	50	46	55	59	59	67	69	70	74	70	64	54	56	51	48	41	32	30	26	
Strafford County Asylum.....	42	35	32	51	*	.....	.....	.....	.....	.....	3	3	3	7	.....	4	.....	.....	.....	3	0	0	
Beknap County Asylum.....	11	11	11	9	9	8	6	9	9	11	10	10	8	9	9	8	.....	.....	.....	5	2	3	4
Carroll County Asylum.....	24	21	20	14	14	14	14	14	11	13	13	12	11	10	10	7	4	4	3	3	2	2	2
Merrimack County Asylum.....	46	43	42	43	45	43	46	50	45	47	53	55	57	*	16	25	24	23	14	14	14	11	
Hillsborough County Asylum.....	48	61	65	71	76	86	89	93	87	91	85	83	86	90	88	74	72	69	83	47	44	43	
Cheshire County Asylum.....	15	16	25	20	21	24	34	32	24	35	38	39	39	40	38	37	29	28	23	6	20	23	
Sullivan County Asylum.....	21	14	12	13	13	13	9	7	19	19	22	24	23	26	22	8	8	8	7	8	6	7	
Grafton County Asylum.....	31	27	30	23	22	21	21	22	22	23	24	21	20	13	14	14	16	15	9	1	1	1	
Cocös County Asylum.....	14	15	15	19	15	16	18	18	24	18	18	14	17	13	12	13	9	12	6	7	6	7	
Total.....	634	657	674	670	629	684	712	725	730	733	764	760	768	736	759	826	856	875	899	954	1,001	1,033	

\*All transferred to N. H. State Hospital on account of the destruction of the almshouse by fire.

## FINANCIAL STATEMENT.

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EXPENSES OF THE BOARD FOR THE YEAR ENDING AUGUST  
31, 1909.

Clerical expenses,	\$500.00
Incidentals (postage, stationery, blanks, tele- phone, etc.),	151.49
Printing report,	235.64
Transportation,	10.00
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Total,	\$897.13

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EXPENSES OF THE BOARD FOR THE YEAR ENDING AUGUST  
31, 1910.

Clerical expenses,	\$500.00
Incidentals (postage, stationery, blanks, tele- phone, etc.),	174.75
Printing,	32.66
	<hr/>
Total,	\$707.41











