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## APPENDIX A

### TABLES ON RESIDENTIAL CONSTRUCTION, 1889-1950

Table 16

NUMBER OF NEW PRIVATE PERMANENT NONFARM HOUSEKEEPING  
DWELLING UNITS STARTED, 1889-1950

(in thousands)

	NUMBER		NUMBER
1889	342	1920	217
1890	328	1921	449
1891	298	1922	716
1892	381	1923	871
1893	267	1924	893
1894	265	1925	937
1895	309	1926	849
1896	257	1927	810
1897	292	1928	753
1898	262	1929	509
1899	282	1930	330
1900	189	1931	254
1901	275	1932	134
1902	240	1933	93
1903	253	1934	126
1904	315	1935	216
1905	507	1936	304
1906	487	1937	332
1907	432	1938	399
1908	416	1939	458
1909	492	1940	530
1910	387	1941	620
1911	395	1942	301
1912	426	1943	184
1913	421	1944	139
1914	421	1945	208
1915	433	1946	662
1916	437	1947	846
1917	240	1948	914
1918	118	1949	989
1919	315	1950	1,352

Source: Data for 1889-1920 are the new estimates prepared in this study, and those for 1921-50 are from U. S. Department of Commerce, *Construction and Building Materials*, Statistical Supplement, May 1952, p. 46.

Table 17

NUMBER AND PERCENTAGE DISTRIBUTION OF NEW PRIVATE PERMANENT  
NONFARM HOUSEKEEPING DWELLING UNITS STARTED,  
BY TYPE OF STRUCTURE, 1900-1950

	NUMBER OF DWELLING UNITS <sup>a</sup> (in thousands)			PER CENT OF DWELLING UNITS <sup>b</sup>		
	<i>1-Family</i>	<i>2-Family <sup>c</sup></i>	<i>3- or More- Family</i>	<i>1-Family</i>	<i>2-Family <sup>c</sup></i>	<i>3- or More- Family</i>
	(1)	(2)	(3)	(4)	(5)	(6)
1900	123	31	35	65.0	16.3	18.6
1901	177	32	66	64.3	11.5	24.2
1902	171	32	37	71.5	13.3	15.3
1903	174	30	48	69.0	12.0	19.0
1904	207	45	63	65.6	14.2	20.1
1905	336	64	107	66.2	12.5	21.1
1906	316	69	103	64.8	14.1	21.0
1907	291	59	82	67.3	13.6	19.0
1908	286	65	65	68.9	15.6	15.7
1909	328	73	91	66.5	14.9	18.5
1910	251	58	79	64.8	14.8	20.3
1911	249	62	84	63.0	15.6	21.3
1912	259	71	97	60.5	16.7	22.6
1913	263	72	85	62.6	17.2	20.3
1914	263	72	87	62.4	16.9	20.5
1915	262	73	97	60.6	16.9	22.5
1916	267	69	101	61.1	15.8	23.1
1917	166	32	43	69.1	13.1	17.7
1918	91	13	15	77.0	10.7	12.3
1919	239	36	40	75.9	11.5	12.6
1920	173	22	22	79.6	10.2	10.2
1921	316	70	63	70.4	15.6	14.0
1922	437	146	133	61.0	20.4	18.6
1923	513	175	183	58.9	20.1	21.0
1924	534	173	186	59.8	19.4	20.8
1925	572	157	208	61.0	16.8	22.2
1926	491	117	241	57.8	13.8	28.4
1927	454	99	257	56.1	12.2	31.7
1928	436	78	239	57.9	10.4	31.7
1929	316	51	142	62.1	10.0	27.9
1930	227	29	74	68.8	8.8	22.4
1931	187	22	45	73.6	8.7	17.7
1932	118	7	9	88.1	5.2	6.7
1933	76	5	12	81.7	5.4	12.9
1934	109	5	12	86.5	4.0	9.5
1935	182	8	26	84.5	3.6	11.9
1936	239	13	52	78.4	4.4	17.2
1937	266	15	51	80.0	4.6	15.4
1938	316	18	65	79.2	4.5	16.3
1939	373	20	66	81.4	4.3	14.3
1940	448	26	56	84.6	4.8	10.6
1941	533	28	58	86.1	4.6	9.3
1942	252	18	31	83.8	5.8	10.4
1943	136	18	30	74.2	9.7	16.1
1944	115	11	14	82.7	7.6	9.7
1945	185	9	15	88.7	4.2	7.1
1946	590	24	48	89.0	3.7	7.3
1947	740	34	72	87.5	4.0	8.5
1948	763	46	104	83.5	5.1	11.4
1949	792	35	162	80.1	3.5	16.4
1950	1,151	42	159	85.1	3.1	11.8

NOTES TO TABLE 17

<sup>a</sup> Totals do not always agree with national totals in Table 16 because of rounding.

<sup>b</sup> Percentages adjusted to total to 100.0 per cent.

<sup>c</sup> Including dwelling units in one-family and two-family houses with business.

Source: In columns 1, 2, and 3 the 1900-1920 data are the new estimates prepared in this study; those for 1921-34 are from U.S. Housing and Home Finance Agency, *Housing Statistics Handbook* (1948), p. 6; those for 1935-50 are from the Agency's *Housing Statistics*, January 1952, p. 4. Columns 4, 5, and 6 are derived from columns 1, 2, and 3.

Table 18

EXPENDITURES FOR NEW PRIVATE PERMANENT NONFARM HOUSEKEEPING DWELLING UNITS, IN CURRENT AND IN 1929 DOLLARS, 1889-1950

(in millions)

	CURRENT DOLLARS (1)	1929 DOLLARS (2)		CURRENT DOLLARS (1)	1929 DOLLARS (2)
1889	\$806	\$2,067	1920	\$1,072	\$903
1890	790	2,015	1921	1,795	1,882
1891	612	1,615	1922	2,955	3,369
1892	763	2,073	1923	3,960	4,028
1893	583	1,589	1924	4,575	4,721
1894	594	1,678	1925	4,910	5,104
1895	679	1,946	1926	4,920	5,077
1896	606	1,726	1927	4,540	4,749
1897	643	1,869	1928	4,195	4,374
1898	574	1,599	1929	3,040	3,040
1899	608	1,579	1930	1,570	1,610
1900	433	1,067	1931	1,320	1,468
1901	610	1,521	1932	485	637
1902	572	1,378	1933	290	381
1903	607	1,412	1934	380	458
1904	690	1,624	1935	710	882
1905	1,154	2,593	1936	1,210	1,437
1906	1,170	2,393	1937	1,475	1,574
1907	1,037	2,029	1938	1,620	1,682
1908	1,034	2,089	1939	2,270	2,316
1909	1,272	2,475	1940	2,560	2,517
1910	1,028	1,932	1941	3,040	2,774
1911	1,000	1,905	1942	1,440	1,244
1912	1,113	2,069	1943	710	586
1913	1,108	2,135	1944	570	431
1914	1,081	2,071	1945	720	511
1915	1,192	2,228	1946	3,300	2,114
1916	1,255	2,202	1947	5,450	2,881
1917	769	1,155	1948	7,500	3,563
1918	391	494	1949	7,257	3,552
1919	1,258	1,366	1950	11,525	5,346

Source: For column 1, see note to Table 16. Data in column 2 are the figures in column 1 deflated by the construction cost index in Table 21, column 1.

Table 19

AVERAGE EXPENDITURE PER NEW PRIVATE PERMANENT NONFARM  
HOUSEKEEPING DWELLING UNIT, IN CURRENT AND IN  
1929 DOLLARS, 1889-1950

	CURRENT DOLLARS (1)	1929 DOLLARS (2)		CURRENT DOLLARS (1)	1929 DOLLARS (2)
1889	\$2,357	\$6,044	1920	\$4,940	\$4,161
1890	2,409	6,143	1921	3,998	4,192
1891	2,054	5,149	1922	4,127	4,705
1892	2,003	5,441	1923	4,546	4,625
1893	2,184	5,951	1924	5,123	5,287
1894	2,242	6,332	1925	5,240	5,447
1895	2,197	6,298	1926	5,795	5,980
1896	2,358	6,716	1927	5,605	5,863
1897	2,202	6,401	1928	5,571	5,809
1898	2,191	6,103	1929	5,972	5,972
1899	2,156	5,599	1930	4,758	4,879
1900	2,291	5,646	1931	5,197	5,780
1901	2,218	5,531	1932	3,619	4,754
1902	2,383	5,742	1933	3,118	4,097
1903	2,399	5,581	1934	3,016	3,635
1904	2,190	5,156	1935	3,287	4,083
1905	2,276	5,114	1936	3,980	4,727
1906	2,402	4,914	1937	4,443	4,741
1907	2,400	4,697	1938	4,060	4,216
1908	2,486	5,022	1939	4,956	5,057
1909	2,585	5,030	1940	4,830	4,749
1910	2,656	4,992	1941	4,903	4,474
1911	2,532	4,823	1942	4,784	4,133
1912	2,613	4,857	1943	3,859	3,185
1913	2,632	5,071	1944	4,101	3,101
1914	2,568	4,919	1945	3,462	2,457
1915	2,753	5,145	1946	4,985	3,193
1916	2,872	5,039	1947	6,442	3,405
1917	3,204	4,813	1948	8,206	3,898
1918	3,314	4,186	1949	7,338	3,592
1919	3,994	4,337	1950	8,524	3,954

Source: Derived from Tables 16 and 18.

Table 20

EXPENDITURES FOR NEW PRIVATE NONHOUSEKEEPING RESIDENTIAL  
FACILITIES, IN CURRENT AND IN 1929 DOLLARS, 1891-1950  
(in millions)

	CURRENT DOLLARS (1)	1929 DOLLARS (2)		CURRENT DOLLARS (1)	1929 DOLLARS (2)
			1920	\$130	\$110
1891	\$13	\$35	1921	125	131
1892	9	25	1922	205	229
1893	9	25	1923	230	233
1894	7	20	1924	255	263
1895	7	20	1925	355	363
1896	10	29	1926	410	416
1897	17	50	1927	330	339
1898	12	34	1928	260	266
1899	10	26	1929	245	245
1900	11	27	1930	200	203
1901	38	95	1931	70	77
1902	51	124	1932	40	52
1903	36	85	1933	35	44
1904	24	57	1934	45	51
1905	28	63	1935	50	58
1906	61	126	1936	60	67
1907	45	89	1937	80	80
1908	44	90	1938	75	73
1909	45	89	1939	90	86
1910	40	76	1940	90	85
1911	58	110	1941	95	85
1912	63	117	1942	50	43
1913	46	84	1943	15	12
1914	48	91	1944	25	19
1915	40	75	1945	40	29
1916	60	100	1946	145	95
1917	65	91	1947	125	70
1918	45	55	1948	155	77
1919	75	81	1949	185	91
			1950	175	83

Source: The column 1 data for 1891-1914 are the new estimates prepared in this study, and those for 1915-50 are from *Construction and Building Materials*, Statistical Supplement, May 1952, p. 6. The column 2 data are those in column 1 deflated by the construction cost index in Table 21, column 2.

**Table 21**  
**RESIDENTIAL CONSTRUCTION COST INDEXES, 1889-1950**  
(1929 = 100)

	HOUSEKEEPING RESIDENTIAL CONSTRUCTION (1)	NON- HOUSEKEEPING RESIDENTIAL CONSTRUCTION (2)		HOUSEKEEPING RESIDENTIAL CONSTRUCTION (1)	NON- HOUSEKEEPING RESIDENTIAL CONSTRUCTION (2)
1889	39.0	...	1920	118.7	118.6
1890	39.2	38.9	1921	95.4	95.3
1891	37.9	37.6	1922	87.7	89.5
1892	36.8	36.5	1923	98.3	98.8
1893	36.7	36.4	1924	96.9	97.1
1894	35.4	35.1	1925	96.2	97.8
1895	34.9	34.6	1926	96.9	98.6
1896	35.1	34.8	1927	95.6	97.3
1897	34.4	34.1	1928	95.9	97.7
1898	35.9	35.6	1929	100.0	100.0
1899	38.5	38.2	1930	97.5	98.4
1900	40.6	40.3	1931	89.9	90.8
1901	40.1	39.8	1932	76.1	77.4
1902	41.5	41.2	1933	76.2	79.5
1903	43.0	42.6	1934	82.9	87.8
1904	42.5	42.2	1935	80.5	86.0
1905	44.5	44.2	1936	84.2	89.5
1906	48.9	48.5	1937	93.7	99.5
1907	51.1	50.7	1938	96.3	103.2
1908	49.5	49.0	1939	98.0	104.4
1909	51.4	50.8	1940	101.7	106.3
1910	53.2	52.6	1941	109.6	111.3
1911	52.5	52.8	1942	115.8	117.4
1912	53.8	53.7	1943	121.2	121.9
1913	51.9	54.6	1944	132.1	130.5
1914	52.2	52.7	1945	140.9	138.5
1915	53.5	53.3	1946	156.1	152.7
1916	57.0	59.8	1947	189.2	179.8
1917	66.6	71.8	1948	210.5	201.1
1918	79.2	81.6	1949	204.3	202.8
1919	92.1	92.8	1950	215.6	212.0

Source: The data are derived as follows:

Column 1

1889: 1890 value extrapolated by weighted average of an index of average wages per day in the building trades and an index of prices of lumber and building materials. Wage and price indexes from the *Aldrich report*; see *Historical Statistics of the United States* (U.S. Bureau of the Census, 1949), pp. 66, 234. Weights: wages, 1.0; materials, 1.5. Weights derived from NHA analysis of housing costs; see *Housing Statistics Handbook*, p. 32.

1890-1906: 1907 value extrapolated by weighted average of an index of average wages per hour in the building trades and an index of building materials prices. Wage index from U.S. Department of Commerce and Labor, *Bulletin of the Bureau of Labor*, No. 77, July, 1908; see *Historical Statistics*, p. 66. Price index from U.S. Department of Labor, *Handbook of Labor Statistics*, 1941 ed., Vol. 1; see *Historical Statistics*, pp. 233-34. Weights same as above.

1907-1909: 1910 value extrapolated by weighted average of an index of wage rates in the building trades and an index of building materials prices. Wage rate index from U.S. Bureau of Labor Statistics annual reports, *Union Wages and Hours in the Building Trades*; see *Historical Statistics*, p. 69. Price index from same source as in 1890-1906 data. Weights same as above.

1910-14: 1915 value extrapolated by Boeckh index of residential construction cost, as given in *Historical Statistics*, p. 172.

1915-50: Boeckh residential construction cost index, as given in *Construction and Building Materials*, Statistical Supplement, May, 1951, p. 40, converted to 1929 base.

Column 2

1890-1906: 1907 value extrapolated by index in Column 1.

1907-14: 1915 value extrapolated by index derived in same manner as Column 1, 1907-1909.

1915-50: Boeckh index of construction cost for apartments, hotels and office buildings, as given in *Construction and Building Materials*, *loc. cit.*, converted to 1929 base.

**Table 22**  
**PROPORTION OF URBAN POPULATION IN CITY SIZE CLASSES AND GEOGRAPHIC DIVISIONS ACCOUNTED FOR BY**  
**REPORTING CITIES, BENCHMARK DATES, 1890-1920**

POPULATION SIZE CLASS	NEW ENGLAND	MIDDLE ATLANTIC <sup>a</sup>		EAST NORTH CENTRAL		WEST NORTH CENTRAL		SOUTH ATLANTIC		EAST SOUTH CENTRAL		WEST SOUTH CENTRAL		MOUNTAIN		PACIFIC		
		b	64.1%	0.0%	b	b	b	b	b	b	b	b	b	b	b	b	b	b
1890 500,000 or more	100.0%	38.5	43.4	26.8%	34.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	
100,000 - 499,999	20.2	15.1	5.1	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25,000 - 99,999	0.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	
2,500 - 24,999																		
Population in reporting cities as a % of urban population in geographic division	25.5	38.0	10.4	16.9	13.3	0.0	0.0	13.3	0.0	0.0	1.4	34.2	0.0	0.0	0.0	0.0	0.0	
Urban population in geo- graphic division as a % of total U.S. urban popu- lation	14.1	32.9	22.9	10.4	7.7	3.7	1.6	3.6	3.7	3.2	3.2	1.6	3.6	3.6	3.6	3.6	3.6	
1900 500,000 or more	100.0	100.0	0.0	0.0	0.0	b	b	b	b	b	b	b	b	b	b	b	b	
100,000 - 499,999	100.0	95.0	49.0	77.7	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	
25,000 - 99,999	41.0	14.4	19.2	19.3	32.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	0.0	0.0	0.0	23.6	
2,500 - 24,999	7.3	1.9	2.8	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	
Population in reporting cities as a % of urban population in geographic division	42.1	64.9	15.2	22.7	20.0	0.0	0.0	20.0	0.0	0.0	1.5	33.4	7.2	7.2	7.2	7.2	7.2	
Urban population in geo- graphic division as a % of total U.S. urban popu- lation	13.4	33.3	23.8	9.7	7.4	3.4	1.8	3.7	3.4	3.5	3.5	1.8	3.7	3.7	3.7	3.7	3.7	



Table 22 (cont.)

POPULATION SIZE CLASS	NEW ENGLAND	MIDDLE ATLANTIC <sup>a</sup>	EAST		WEST		SOUTH ATLANTIC	EAST SOUTH CENTRAL		WEST SOUTH CENTRAL		MOUNTAIN	PACIFIC
			NORTH CENTRAL	NORTH CENTRAL	NORTH CENTRAL	SOUTH CENTRAL		SOUTH CENTRAL	SOUTH CENTRAL				
1910 500,000 or more	100.0%	100.0%	20.4%	0.0%	0.0%	0.0%	0.0%	b	b	b	b	b	b
100,000 - 499,999	100.0	95.9	62.1	100.0	100.0	100.0	100.0	21.9%	0.0%	0.0%	100.0%	100.0%	92.7%
25,000 - 99,999	70.0	43.5	24.9	40.6	18.7	18.7	0.0	0.0	20.6	40.5	40.5	0.0	53.9
2,500 - 24,999	7.0	5.0	4.5	4.7	5.9	5.9	0.0	0.0	1.9	0.0	0.0	0.0	3.4
Population in reporting cities as a % of urban population in geographic division	57.1	69.4	24.4	33.2	26.5	26.5	8.3	7.6	7.6	32.4	32.4	62.9	62.9
Urban population in geo- graphic division as a % of total U.S. urban popu- lation	11.9	32.5	22.8	9.2	7.3	7.3	3.7	4.6	4.6	2.2	2.2	5.6	5.6
1920 500,000 or more	100.0	100.0	100.0	100.0	100.0	100.0	b	b	b	b	b	b	100.0
100,000 - 499,999	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	83.1	100.0	100.0	100.0	100.0
25,000 - 99,999	87.9	88.9	73.8	100.0	83.1	83.1	92.0	69.9	69.9	100.0	100.0	83.6	83.6
2,500 - 24,999	19.7	7.0	8.2	16.6	7.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Population in reporting cities as a % of urban population in geographic division	69.6	77.4	69.3	67.2	64.8	64.8	51.8	40.9	40.9	45.4	45.4	71.5	71.5
Urban population in geo- graphic division as a % of total U.S. urban popu- lation	10.8	30.7	24.0	8.7	8.0	8.0	3.7	5.5	5.5	2.2	2.2	6.4	6.4

<sup>a</sup> New York City's five boroughs treated as separate cities.

<sup>b</sup> No cities in this size class.

Table 23

LIST OF REPORTING CITIES IN BUILDING PERMIT SURVEY AND YEARS  
FOR WHICH PERMIT DATA ARE AVAILABLE

STATE & CITY	YEARS AVAILABLE (INCLUSIVE)	STATE & CITY	YEARS AVAILABLE (INCLUSIVE)
Alabama		Georgia	
Birmingham	1920-30	Albany	1918-20
Mobile	1907; 1911; 1915-18; 1920-30	Athens	1908-20
Montgomery	1920-30	Atlanta	1896-1930
Arizona		Augusta	1920-30
Phoenix	1914-30	Brunswick	1903-20
Tucson	1926-30	Columbus	1921-30
Arkansas		Macon	1920-30
Fort Smith	1921-22; 1925; 1928	Savannah	1920-30
Little Rock	1920-30	Illinois	
California		Alton	1928-30
Alameda	1910-30	Aurora	1914-16; 1920-30
Berkeley	1910-30	Belleville	1926; 1928-30
Fresno	1921-22; 1924-30	Bloomington	1921-30
Long Beach	1917-30	Chicago	1912-30
Los Angeles	1902-30	Cicero	1890-1900; 1910-19; 1921-30
Oakland	1906-30	Danville	1921-30
Pasadena	1903-30	Decatur	1903-19; 1921-30
Sacramento	1906-30	East St. Louis	1914-30
San Diego	1914-30	Elgin	1920-30
San Francisco	1910-30	Evanston	1893-1930
San Jose	1910-30	Forest Park	1919-20
Stockton	1920-30	Joliet	1927-30
Vallejo	1927-30	Moline	1914-30
Colorado		Oak Park	1902-30
Colorado Springs	1908-30	Peoria	1899-1930
Denver	1889-92; 1900-30	Quincy	1875-78; 1892-93; 1896-1906; 1908-30
Pueblo	1920-30	Rockford	1920-30
Connecticut		Rock Island	1916; 1920-30
Bridgeport	1890-1930	Springfield	1910-30
Bristol	1912-20	Wilmette	1916-20
East Hartford	1913-20	Winnetka	1914-20
Greenwich	1927-30	Indiana	
Hamden	1914-20	Anderson	1921-30
Hartford	1903-30	Bedford	1892-1920
Manchester	1920	East Chicago	1921-30
Meriden	1897-1930	Elkhart	1927-30
Middletown	1916-20	Evansville	1922-30
New Britain	1900-30	Fort Wayne	1875-79; 1882; 1885-90; 1910-30
New Haven	1891-1930	Gary	1914-30
New London	1921-30	Hammond	1920-30
Norwalk	1921-30	Huntington	1920
Stamford	1910-30	Indianapolis	1900-30
Stratford	1916-20	Kokomo	1921-30
Waterbury	1918-30	Lafayette	1884-1920
West Hartford	1916-20	La Porte	1917; 1919-20
West Haven	1914-20	Logansport	1909-20
Delaware		Marion	1927-30
Wilmington	1899-1901; 1916-30	Michigan City	1907-20
Washington, D.C.	1878-1930	Mishawaka	1918-20
Florida		Muncie	1920-30
Jacksonville	1913-30	New Albany	1898-1900
Miami	1918-20; 1922-30	Richmond	1914-30
Orlando	1907; 1909-20	South Bend	1917-30
Pensacola	1919-20; 1922; 1924-25	Terre Haute	1907-13; 1918-30
St. Petersburg	1918-20; 1926-30		
Tampa	1916-20; 1922-30		
West Palm Beach	1920		

Table 23 (cont.)

STATE & CITY	YEARS AVAILABLE (INCLUSIVE)	STATE & CITY	YEARS AVAILABLE (INCLUSIVE)
<b>Iowa</b>		<b>Massachusetts (cont.)</b>	
Burlington	1920; 1926-30	Melrose	1900-20
Cedar Rapids	1920-30	Methuen	1916-20
Council Bluffs	1920-30	Milton	1899-1920
Davenport	1918-30	Needham	1920
Des Moines	1920-30	New Bedford	1894-1930
Dubuque	1891-93; 1920-30	Newburyport	1905-20
Fort Dodge	1920	Newton	1894-1930
Keokuk	1913-20	North Adams	1917-20
Muscatine	1904-20	Northampton	1916; 1918-20
Ottumwa	1918; 1920; 1926-30	Norwood	1916-20
Sioux City	1915-30	Peabody	1915-20
Waterloo	1920-30	Pittsfield	1906-30
<b>Kansas</b>		Quincy	1907-30
Fort Scott	1906-20	Revere	1898-1910; 1912-30
Hutchinson	1928-30	Salem	1896-1930
Kansas City	1910-30	Somerville	1898-1930
Lawrence	1920	Springfield	1911-30
Newton	1909-20	Taunton	1922-30
Salina	1914-20	Waltham	1906-10; 1912-30
Topeka	1881-1930	Watertown	1899-1920; 1926-30
Wichita	1918-30	Wellesley	1914-20
<b>Kentucky</b>		Winchester	1912-15; 1917; 1919-20
Covington	1920-30	Woburn	1908-20
Lexington	1920-30	Worcester	1889-1930
Louisville	1919-30		
Newport	1921-30	<b>Michigan</b>	
Paducah	1926-30	Battle Creek	1918-30
<b>Louisiana</b>		Bay City	1921-30
Baton Rouge	1929-30	Detroit	1920-30
New Orleans	1911-15; 1917-30	Escanaba	1917-20
Shreveport	1914-30	Flint	1920-30
<b>Maine</b>		Grand Rapids	1897-1930
Bangor	1921-30	Hamtramck	1921-30
Lewiston	1923-30	Highland Park	1914-30
Portland	1912-30	Jackson	1920-30
<b>Maryland</b>		Kalamazoo	1913-30
Baltimore	1919-30	Lansing	1920-30
Cumberland	1901-30	Marquette	1913-20
Frederick	1913-20	Muskegon	1920-30
Hagerstown	1924-30	Pontiac	1921-30
<b>Massachusetts</b>		Port Huron	1918-30
Arlington	1902-20	Saginaw	1920-30
Belmont	1908-20	Sault Ste Marie	1919
Boston	1876-1930		
Brockton	1898-1930	<b>Minnesota</b>	
Brookline	1889-1910; 1913-30	Duluth	1890-1930
Cambridge	1897-1930	Faribault	1912-20
Chelsea	1909-30	Mankato	1904-20
Chicopee	1917-30	Minneapolis	1899-1930
Dedham	1920	Rochester	1918-20
Everett	1891-1930	St. Paul	1884-1930
Fall River	1882-1930	South St. Paul	1919-20
Fitchburg	1895-98; 1903-30		
Gardner	1913-20	<b>Missouri</b>	
Haverhill	1905-16; 1919-30	Joplin	1916-20; 1922-30
Holyoke	1913-30	Kansas City	1908-30
Lawrence	1907-30	St. Charles	1913-20
Lowell	1902-30	St. Joseph	1888-1930
Lynn	1906-30	St. Louis	1920-30
Malden	1891-1908; 1910-30	Springfield	1918-22; 1928-30
Medford	1895-1930	University City	1918-20
		Webster Groves	1908-20

Table 23 (cont.)

STATE & CITY	YEARS AVAILABLE (INCLUSIVE)	STATE & CITY	YEARS AVAILABLE (INCLUSIVE)
Montana		New Rochelle	1912-30
Butte	1896-1901; 1905-30	New York City	
Great Falls	1926-30	Boro. of Bronx	1887-1930
Nebraska		Boro. of Brooklyn	1881-1930
Fremont	1914-20	Boro. of Manhattan	1870-1930
Lincoln	1905-30	Boro. of Queens	1899-1930
Norfolk	1919-20	Boro. of Richmond	1899-1930
Omaha	1885-1930	Niagara Falls	1916-30
New Hampshire		North Tonawanda	1918-20
Manchester	1895-1930	Oswego	1898-1920
New Jersey		Poughkeepsie	1920-30
Atlantic City	1901-30	Rochester	1898-1930
Bayonne	1908-30	Schenectady	1906-30
Belleville	1913-20	Syracuse	1892-1930
Bloomfield	1908-20; 1927-30	Troy	1912-13; 1920-30
Camden	1920-30	Utica	1911-30
Clifton	1918-30	Watertown	1921-30
Cranford	1916-20	White Plains	1919-20; 1926-30
Dover	1918-20	Yonkers	1910-30
East Orange	1920-30	North Carolina	
Elizabeth	1909-30	Asheville	1911-30
Englewood	1917-20	Charlotte	1918-30
Hackensack	1911-20	Durham	1926-30
Harrison	1907-20	Greensboro	1927-30
Hillside	1916-20	Wilmington	1921-30
Hoboken	1910-30	Winston Salem	1915-30
Irvington	1910-30	North Dakota	
Jersey City	1879-1930	Fargo	1894-1908; 1914-20
Kearney	1906-30	Grand Forks	1908-20
Montclair	1906-30	Minot	1915-20
Newark	1895-1930	Ohio	
New Brunswick	1916-30	Akron	1912-30
Nutley	1915-20	Ashtabula	1926-30
Orange	1911-30	Bucyrus	1904-12; 1916-19
Passaic	1899-1930	Canton	1920-30
Paterson	1903-30	Cincinnati	1905-1907; 1909-30
Perth Amboy	1920-30	Cleveland	1889-1930
Plainfield	1901-08; 1912-30	Cleveland Heights	1914-15
Rahway	1913-20	Columbus	1919-30
Ridgefield	1909-15; 1917-19	Cuyahoga Falls	1919-20
Roselle	1919-20	Dayton	1917-30
Rutherford	1915-20	East Cleveland	1913-30
South Orange	1913; 1917-20	Euclid	1920
Trenton	1902-30	Findlay	1904-20
Union City	1925-30	Fremont	1920
West Hoboken	1920-24	Garfield Heights	1920
West New York	1921-30	Hamilton	1920-30
West Orange	1917-20	Lakewood	1905-1908; 1912-30
New York		Lima	1920-30
Albany	1914-30	Lorain	1920-30
Amsterdam	1921-30	Mansfield	1921-30
Auburn	1911-30	Marion	1921-30
Binghamton	1914-17; 1920-30	Middletown	1912-20
Buffalo	1892-1930	Newark	1920-30
Elmira	1920; 1923-30	Norwood	1904-1906; 1912-20
Jamestown	1922-30	Portsmouth	1917-30
Kenmore	1907-20	Sandusky	1912-20
Kingston	1923-30	Shaker Heights	1913-20
Lackawanna	1911-20	Springfield	1920-30
Mount Vernon	1899-1930	Steubenville	1924-30
Newburgh	1921-30	Toledo	1904-30

Table 23 (cont.)

STATE & CITY	YEARS AVAILABLE (INCLUSIVE)	STATE & CITY	YEARS AVAILABLE (INCLUSIVE)
<b>Ohio (cont.)</b>		<b>South Dakota</b>	
University Heights	1911-20	Aberdeen	1917-20
Warren	1921-30	Huron	1910-12; 1917; 1919-20
Youngstown	1906-30	Mitchell	1915-20
Zanesville	1921-30	Sioux Falls	1916-30
<b>Oklahoma</b>		<b>Tennessee</b>	
Muskogee	1912-30	Chattanooga	1911-30
Oklahoma City	1920-30	Knoxville	1917-18; 1920-30
Okmulgee	1927-30	Memphis	1909-30
Tulsa	1910-30	Nashville	1916-30
<b>Oregon</b>		<b>Texas</b>	
Portland	1903-30	Austin	1929-30
<b>Pennsylvania</b>		Beaumont	1928-30
Allentown	1909-30	Dallas	1905-30
Altoona	1913-30	El Paso	1889-1930
Bethlehem	1918-30	Fort Worth	1913-30
Braddock	1901-17	Galveston	1915-30
Butler	1926; 1928-30	Houston	1919-30
Chester	1919-30	Port Arthur	1926-30
Easton	1916-30	San Antonio	1921-30
Erie	1894-95; 1899-1902; 1904-30	Waco	1924-30
Harrisburg	1920-30	Wichita Falls	1925-30
Hazleton	1920-30	<b>Utah</b>	
Johnstown	1920-24; 1926-30	Ogden	1890-1930
Lancaster	1920-30	Salt Lake City	1912-30
Lebanon	1926-30	<b>Virginia</b>	
McKeesport	1910-30	Lynchburg	1921-30
Meadville	1909-19	Newport News	1921-30
New Castle	1926-30	Norfolk	1903-30
Norristown	1906-30	Petersburg	1921-30
Philadelphia	1895-1930	Portsmouth	1919-30
Pittsburgh	1877-1930	Richmond	1908-30
Reading	1920; 1922-30	Roanoke	1907-30
Scranton	1890-1930	<b>Washington</b>	
Swissvale	1909-20	Bellingham	1926-30
Upper Darby	1920	Everett	1921-22; 1928-30
Wilkes-Barre	1899-1930	Seattle	1895-1930
Wilkesburg	1926-30	Spokane	1911-30
Williamsport	1898-99; 1902-12; 1915; 1918-20; 1927-30	Tacoma	1911-30
York	1915-30	<b>West Virginia</b>	
<b>Rhode Island</b>		Bluefield	1905-1906; 1908-20
Central Falls	1919-20; 1926-30	Charleston	1915-30
Cranston	1921-30	Clarksburg	1915-30
East Providence	1926-30	Huntington	1907-30
Newport	1910-30	Morgantown	1891-1920
Pawtucket	1920-30	Wheeling	1920-30
Providence	1884-1912; 1915-30	<b>Wisconsin</b>	
Warwick	1904-20	Fond du Lac	1926-30
Woonsocket	1914-30	Green Bay	1922-24; 1927-30
<b>South Carolina</b>		Kenosha	1920-30
Charleston	1915-30	Madison	1920-30
Columbia	1920-30	Milwaukee	1889-1930
Greenville	1926-30	Oshkosh	1920-30
		Racine	1920-30
		Sheboygan	1918-30
		Superior	1914-30