

This PDF is a selection from an out-of-print volume from the National Bureau of Economic Research

Volume Title: Economic Tendencies in the United States: Aspects of

Pre-War and Post-War Changes

Volume Author/Editor: Frederick C. Mills

Volume Publisher: NBER

Volume ISBN: 0-87014-020-5

Volume URL: http://www.nber.org/books/mill32-1

Publication Date: 1932

Chapter Title: List of Tables, List of Charts

Chapter Author: Frederick C. Mills

Chapter URL: http://www.nber.org/chapters/c4862

Chapter pages in book: (p. 609 - 630)

## List of Tables

		PAGE
1.	Growth of Physical Volume of Production in the United States, 1901-1913	2
2.	Raw Materials and Manufactured Goods. Index Numbers of Physical Volume of Production in the United States, 1901-1913	4
3.	Products of American Farms and All Other Products. Index Numbers of Physical Volume of Production in the United States, 1901-1913	14
4.	Products of American Farms and All Other Products, Raw and Processed. Index Numbers of Physical Volume of Production in the United States, 1901-1913	16
5.	Foods and Non-foods. Index Numbers of Physical Volume of Production in the United States, 1901-1913	17
6.	Foods and Non-foods, Raw and Processed. Index Numbers of Physical Volume of Production in the United States, 1901-1913	19
7.	Articles of Human Consumption and Articles Entering into Capital Equipment. Index Numbers of Physical Volume of Production in the United States, 1901-1913	21
8.	Non-durable, Semi-durable and Durable Goods. Index Numbers of Physical Volume of Production in the United States, 1901-1913	23
9.	Growth of Manufacturing Production in the United States, 1899-1914. Index Numbers of Physical Volume of Pro- duction, Number of Wage-earners and per Capita Output	<b>2</b> 6
10.	Changes in Physical Volume of Manufacturing Production in the United States, 1899-1914. Index Numbers for 35 Individual Industries, with Average Annual Rates of	
11.	Changes in Output per Wage-earner in Manufacturing In-	30
	dustries of the United States, 1899-1914. Index Numbers for 35 Individual Industries, with Average Annual Rates of Change	33
12.	Growth of Manufacturing Production in the United States, 1899-1914. Averages of Aggregate Production and of per	

Capita Output. (Derived from the central items of quency distributions.)  13. Growth of Manufacturing Production in the United 1899-1914. Index Number of Physical Volume of Ption, Number of Establishments and Output per lishment  14. Growth of Manufacturing Production in the United 1899-1914. Factors Affecting Output per Establishment  15. Changes in Value Added by Manufacture, 1899-1914  16. Illustrating the Derivation of Index Numbers of the cal Volume of Manufacturing Production, 1899-191 Census Industries  17. Comparison of Index Numbers of Physical Volument Manufacturing Production in the United States, 1914  18. Changes in the Level of Wholesale Prices in the States, 1901-1913  19. Index Numbers of Annual Price Changes and of Prices persion in the United States, 1901-1913  20. Monthly Variability of Wholesale Prices, 1901-1913  21. Index Numbers of Physical Volume, Prices and Agg Values of Goods Produced in the United States, 1901-1913	of fra	
1899-1914. Index Number of Physical Volume of Ption, Number of Establishments and Output per lishment  14. Growth of Manufacturing Production in the United 1899-1914. Factors Affecting Output per Establishments. Changes in Value Added by Manufacture, 1899-1914  16. Illustrating the Derivation of Index Numbers of the cal Volume of Manufacturing Production, 1899-191 Census Industries		35
<ol> <li>1899-1914. Factors Affecting Output per Establishm.</li> <li>15. Changes in Value Added by Manufacture, 1899-1914.</li> <li>16. Illustrating the Derivation of Index Numbers of the cal Volume of Manufacturing Production, 1899-191 Census Industries</li></ol>	roduc-	36
<ol> <li>Illustrating the Derivation of Index Numbers of the cal Volume of Manufacturing Production, 1899-191 Census Industries</li></ol>		38
<ol> <li>Illustrating the Derivation of Index Numbers of the cal Volume of Manufacturing Production, 1899-191 Census Industries</li></ol>		40
Manufacturing Production in the United States, 1914	Physi- 14. All	41
States, 1901-1913	me of 1899-	42
persion in the United States, 1901-1913 20. Monthly Variability of Wholesale Prices, 1901-1913 21. Index Numbers of Physical Volume, Prices and Agg Values of Goods Produced in the United States, 1903	United	52
<ol> <li>Index Numbers of Physical Volume, Prices and Agg Values of Goods Produced in the United States, 190</li> </ol>	ce Dis-	53
Values of Goods Produced in the United States, 190		54
00 D 36 ( ) 1 1 36 ( ) -1 C - 1 T 1 37 1	1-1913	56
<ol> <li>Raw Materials and Manufactured Goods. Index Numb Wholesale Prices in the United States, 1901-1913</li> </ol>		5 <i>7</i>
23. Wholesale Prices of Raw and Manufactured Goods. mary of Rates of Change and Measurements of bility, 1901-1913		58
<ol> <li>Raw Materials and Manufactured Goods. Measureme Variability of Wholesale Prices, 1898-1913</li> </ol>	ents of	63
25. Products of American Farms and All Other Products.  Numbers of Wholesale Prices in the United States, 1913		65
26. Wholesale Prices of American Farm Products and of Other Products. Summary of Rates of Change and surements of Instability, 1901-1913		66
27. Products of American Farms and All Other Products. surements of Variability of Wholesale Prices, 1898	. Mea- 8-1913	67
28. Forest Products, Animal Products, Farm Crops and M Products. Index Numbers of Wholesale Prices in United States, 1901-1913	Iineral	<i>7</i> 0
<ol> <li>Wholesale Prices of Forest Products, Animal Pro Farm Crops and Mineral Products. Summary of Ra Change and Measurements of Instability, 1901-1913</li> </ol>	ates of	<i>7</i> 1

		PAGE
30.	Forest Products, Animal Products, Farm Crops and Mineral Products. Measurements of Variability of Wholesale Prices, 1898-1913	71
31.	Wholesale Prices of Forest Products, Animal Products, Farm Crops and Mineral Products, in Raw and Processed Form. Summary of Rates of Change and Measurements of Instability, Pre-war	72
32.	Foods and Non-foods. Index Numbers of Wholesale Prices in the United States, 1901-1913	<b>7</b> 5
33.	Wholesale Prices of Foods and of Non-foods. Summary of Rates of Change and Measurements of Instability, Prewar	76
34.	Producers' Goods and Consumers' Goods. Index Numbers of Wholesale Prices in the United States, 1901-1913	77
35.	Wholesale Prices of Producers' Goods and of Consumers' Goods. Summary of Rates of Change and Measurements of Instability, Pre-war	<b>7</b> 8
<b>3</b> 6.	Producers' Goods Destined for Use in Capital Equipment and for Human Consumption. Index Numbers of Wholesale Prices in the United States, 1901-1913	80
<i>37</i> .	Statistics of Selected Manufacturing Industries of the United States, 1899-1914	89
<b>3</b> 8.	Relative Numbers Defining Changes in Important Elements of Manufacturing Production in the United States, 1899-1914	92
<b>3</b> 9.	Index Numbers Measuring Changes in the Apparent Physical Contributions of Different Agents of Manufacturing Production, 1899-1914	95
40.	Index Numbers of Aggregate Value, Production and Price, 1899-1914. Manufacturing Industries of the United States	98
41.	Changes in the Selling Prices of Products of Manufacturing Industries of the United States, 1899-1914. Index Numbers for 35 Individual Industries, with Average Annual Rates of Change	100
42.	Changes in Selling Price, Cost of Materials and Fabrication Costs, plus Profits, per Unit of Product, 1899-1914.  Manufacturing Industries of the United States	103
43.	Changes in Material Costs, per Unit of Product, Manufacturing Industries of the United States, 1899-1914. Index Numbers for 35 Individual Industries, with Average Annual Rates of Change	106
44.	Changes in Fabrication Costs, per Unit of Product, Manufacturing Industries of the United States, 1899-1914.	

		PAGE
	Index Numbers for 35 Individual Industries, with Average Annual Rates of Change	107
45.	Changes in Total Fabrication Costs, Labor Costs and Overhead Costs plus Profits, per Unit of Product, 1899-1914. Manufacturing Industries of the United States	109
46.	Changes in Labor Costs, per Unit of Product, Manufacturing Industries of the United States, 1899-1914. Index Numbers for 35 Individual Industries, with Average Annual Rates of Change	112
<b>47</b> .	Changes in Overhead Costs plus Profits, per Unit of Product, Manufacturing Industries of the United States, 1899-1914. Index Numbers for 35 Individual Industries, with Average Annual Rates of Change	114
48.	Movements of Certain Economic Elements in the United States, 1901-1913	127
49.	Changes in Money Earnings and Real Earnings of Employed Workers in the United States, 1901-1913	135
50.	Measurements of Instability of Growth in the Earnings of Factory Workers in the United States, 1901-1913	138
51.	Cash Income Received from 1901 to 1913, inclusive, by the Holders of All Common Stock Outstanding on January 1, 1901. 93 Industrial, Public Utility and Railroad Corporations	139
52.	Relative Numbers Defining the Investment Experience of Holders of All Common Stock Outstanding on January 1, 1901. 93 Industrial, Public Utility and Railroad Corporations	143
<b>5</b> 3.	Cash Income Received from 1901 to 1913, inclusive, by the Holders of All Common Stock Outstanding on January 1, 1901. 66 Industrial and Public Utility Corporations .	144
54.	Relative Numbers Defining the Investment Experience of Holders of All Common Stock Outstanding on January 1, 1901. 66 Industrial and Public Utility Corporations	145
55.	Estimates of Cash Income from Each of Five Investments of \$10,000 Made on January 1, 1901, in Industrial Common Stocks, 1901-1913	147
56.	Cash Income Received from 1901 to 1913, inclusive, by the Holders of All Common Stock Outstanding on January 1, 1901. 27 Railroads	149
5 <b>7</b> .	Relative Numbers Defining the Investment Experience of Holders of All Common Stock Outstanding on January 1, 1901. 27 Railroads	150
58	Estimates of Cash Income from Each of Five Investments	

		PAGE
	of \$10,000 Made on January 1, 1901, in Railroad Common Stocks, 1901-1913	151
	Investment Experience of a Fund of \$10,000 Invested in Bonds in January, 1901, and Redistributed Semi-annually to Maintain Equal Distribution, 1901-1913	152
60.	Index Numbers of Incomes Received by Wage-earners, Stockholders and Bondholders in American Industries, 1901-1913. (In current dollars.)	154
61.	Changes in the Values of Capital Assets of Stockholders and Bondholders, 1901-1914	156
62.	Index Numbers of Incomes Received by Wage-earners, Stockholders and Bondholders in American Industries, 1901-1913. (In dollars of constant purchasing power.)	1 <b>5</b> 9
63.	Foreign Trade of the United States, 1901-1913. Changes in Aggregate Values of Imports, by Major Classes of Commodities	162
64.	Foreign Trade of the United States, 1901-1913. Changes in Aggregate Values of Exports, by Major Classes of Commodities	163
65.	Balance of International Payments of the United States, 1896-1914	165
66.	Summary of Pre-war Balance of International Payments of the United States	166
67.	Estimates of Pre-war Tendencies among Producers of Economic Goods. Changes in Values of Products and in Command over Goods	169
68.	Changes in Aggregate Rewards of Agents of Fabrication, and Factors in such Changes, 1899-1914. Manufacturing Industries of the United States	172
69.	Showing Alterations Occurring between 1899 and 1914 in the Terms of Exchange between Given Groups of Manu- facturing Producers and All Producers	1 <b>7</b> 4
<b>7</b> 0.	Showing Alterations Occurring between 1901 and 1913 in the Terms of Exchange between Given Groups of Producers and All Producers	1 <i>77</i>
71.	Showing Alterations Occurring between 1899 and 1914 in the Terms of Exchange between Manufacturing Labor and All Producers	180
72.	Showing Alterations Occurring between 1899 and 1914 in the Aggregate Production of Different Agents, and in their	
	Aggregate Rewards	181
73.	Changes in Physical Volume of Production in the United States, 1913-1922	188

		PAGE
74.	Volume of Construction in the United States, 1913-1922 .	191
<i>7</i> 5.	Growth of Manufacturing Production in the United States, 1914-1923. Index Numbers of Physical Volume of Production, Number of Wage-earners and per Capita Output	192
76.	Changes in Physical Volume of Manufacturing Production in the United States, 1914-1923. Index Numbers for 52 Individual Industries	194
77.	Changes in Output per Wage-earner in Manufacturing Industries of the United States, 1914-1923. Index Numbers for 52 Individual Industries	195
<b>7</b> 8.	Growth of Manufacturing Production in the United States, 1914-1923. Index Numbers of Physical Volume of Production, Number of Establishments and Output per Estab-	
	lishment	197
	Growth of Manufacturing Production in the United States, 1914-1923. Factors Affecting Output per Establishment.	198
	Changes in Value Added by Manufacture, 1914-1923	199
81.	Derived Index Numbers of Physical Volume of Production, 1914-1923. All Manufacturing Industries of the United States	199
82	Comparison of Index Numbers of Physical Volume of	177
٠2.	Manufacturing Production, 1914-1923	200
83.	Wholesale Price Movements, 1913-1922	201
84.	Index Numbers of Physical Volume, Prices and Aggregate Values of Goods Produced in the United States, 1913-1922	203
85.	Raw Materials and Manufactured Goods. Changes in Wholesale Prices and in Purchasing Power, 1913-1922	205
86.	Raw Materials and Manufactured Goods. Measurements of Variability of Wholesale Prices, 1898-1913, 1914-1921 .	207
87.	Products of American Farms and All Other Products. Index Numbers of Purchasing Power, in Wholesale Markets, 1913-1922	208
88.	Showing Changes in Prices Received by Farmers, in Prices Paid by Farmers and in the Purchasing Power of Farm Products, 1913-1922	210
89.	Farm Crops, Animal Products, Mineral Products and Forest Products. Index Numbers of Purchasing Power, in Wholesale Markets, 1913-1922	212
90.	Foods and Non-foods. Index Numbers of Purchasing Power, in Wholesale Markets, 1913-1922	214
91.	Producers' Goods and Consumers' Goods. Index Numbers of Purchasing Power, in Wholesale Markets, 1913-1922	215

		PAGE
	Producers' Goods Destined for Human Consumption and Processed Consumers' Goods. Index Numbers of Purchas- ing Power, in Wholesale Markets, 1913-1922	217
93.	Producers' Goods Destined for Human Consumption and for Use in Capital Equipment. Index Numbers of Purchasing Power, in Wholesale Markets, 1913-1922	219
94.	Statistics of Selected Manufacturing Industries in the United States, 1914-1923	220
95.	Relative Numbers Defining Changes in Important Elements of Manufacturing Production in the United States, 1914-1923	221
	Index Numbers Measuring Changes in the Apparent Physical Contributions of Different Agents of Manufacturing Production, 1914-1923	221
	Index Numbers of Aggregate Value, Production and Price, 1914-1923. Manufacturing Industries of the United States	<b>2</b> 22
	Changes in the Selling Prices of Products of Manufacturing Industries of the United States, 1914-1923. Index Numbers for 52 Individual Industries	223
99.	Changes in Selling Price, Cost of Materials and Fabrication Costs, plus Profits, per Unit of Product, 1914-1923.  Manufacturing Industries of the United States	225
100.	Changes in Material Costs, per Unit of Product, Manufacturing Industries of the United States, 1914-1923. Index Numbers for 52 Individual Industries	227
101.	Changes in Fabrication Costs, plus Profits, per Unit of Product, Manufacturing Industries of the United States, 1914-1923. Index Numbers for 52 Individual Industries	229
102.	Changes in Total Fabrication Costs, Labor Costs and Overhead Costs plus Profits, per Unit of Product, 1914-1923.  Manufacturing Industries of the United States	231
103.	Changes in Labor Costs, per Unit of Product, Manufacturing Industries of the United States, 1914-1923. Index Numbers for 52 Individual Industries	234
104.	Changes in Overhead Costs plus Profits, per Unit of Product, Manufacturing Industries of the United States, 1914- 1923. Index Numbers for 52 Individual Industries	236
105.	Growth of Physical Volume of Production in the United States, 1922-1929	243
106.	Index Numbers of Production and Construction in the United States, 1922-1929	246
10 <b>7</b> .	Raw Materials and Manufactured Goods. Index Numbers of Physical Volume of Production in the United States, 1922-1929	250

		PAGE
108.	Index Numbers of the Physical Output of Movable Goods, 1922-1929. (Based directly upon records of physical production.)	252
109.	Products of American Farms and All Other Products. Index Numbers of Physical Volume of Production in the United States, 1922-1929	259
	Average Annual Rates of Change in the Production of Identical Commodities, 1901-1913 and 1922-1929	262
111.	Growth of Construction in the United States, 1922-1929. Estimated Values of Total Contracts Awarded	264
	Growth of Construction in the United States, 1922-1929. Index Numbers of Volume of Construction Secured by Deflating Aggregate Values of Contracts Awarded	267
	Growth of Construction in the United States, 1922-1929. Index Numbers of Contracts Awarded, by Floor Surface Areas, and of Building Materials Booked and Shipped.	<b>2</b> 68
114.	Non-durable Consumption Goods. Index Numbers of Physical Volume of Production of Finished Goods, 1922-1929	270
115.	Semi-durable Consumption Goods. Index Numbers of Physical Volume of Production of Finished Goods, 1922-1929	272
116.	Durable Consumption Goods. Index Numbers of Physical Volume of Production of Finished Goods, 1922-1929	274
117.	Elements of Capital Equipment. Index Numbers of Physical Volume of Production of Finished Goods, 1922-1929 .	278
118.	Consumption Goods, Capital Equipment and Total Production. Index Numbers of Physical Volume of Production of Finished Goods, 1922-1929	280
119.	Comparison of Production Tendencies, 1922-1929. Durable and Non-durable Goods	283
120.	Comparative Values of Durable and Non-durable Goods Produced in the United States, 1899, 1914, 1923 and 1929	286
121.	Comparative Values of Food and Clothing Produced in the United States, 1899, 1914, 1923 and 1929	288
122.	Growth of Manufacturing Production in the United States, 1923-1929. Index Numbers of Physical Volume of Production, Number of Wage-earners and per Capita Output	290
123.	Changes in Physical Volume of Manufacturing Production in the United States, 1923-1929. Index Numbers for 62 Individual Industries, with Average Annual Rates of	
124.	Change	292
	of Change	296

		PAGE
125.	Growth of Manufacturing Production in the United States, 1923-1929. Averages of Aggregate Production and of per Capita Output. (Derived from the central items of frequency distributions.)	<b>2</b> 99
	Growth of Manufacturing Production in the United States, 1923-1929. Index Numbers of Physical Volume of Production, Number of Establishments and Output per Establishment.	299
127.	Changes in Output per Establishment in Manufacturing Industries of the United States, 1923-1929. Index Numbers for 62 Individual Industries, with Average Annual Rates of Change	302
128.	Growth of Manufacturing Production in the United States, 1923-1929. Factors Affecting Output per Establishment	304
129.	Changes in Number of Wage-earners per Establishment in Manufacturing Industries of the United States, 1923-1929. Index Numbers for 62 Individual Industries, with Average Annual Rates of Change	305
130	Changes in Value Added by Manufacture, 1923-1929	307
	Illustrating the Derivation of Index Numbers of the Physical	307
131.	Volume of Manufacturing Production, 1923-1929. All Census Industries	308
132.	Comparison of Index Numbers of Physical Volume of Manufacturing Production in the United States, 1923-1929	309
133.	Changes in the Level of Wholesale Prices in the United States, 1922-1929	316
134.	Pre-recession Behavior of Wholesale Prices in 29 Countries, 1923-1929	318
	Index Numbers of Physical Volume, Prices and Aggregate Values of Goods Produced in the United States, 1922-1929	322
136.	Monthly Variability and Dispersion of Wholesale Prices in the United States, 1890-1929	325
137.	Summary of Valorization Schemes	327
138.	Index Numbers Measuring Changes in the Prices and Purchasing Power of Raw Materials and of Manufactured Goods, 1922-1929	333
139.	Variability of Prices of Raw Materials and of Manufactured Goods under Pre-war, War-time and Post-war Conditions	339
140.	Products of American Farms and All Other Products. Index Numbers of Wholesale Prices in the United States, 1922-	340

		PAGE
141.	Products of American Farms and All Other Products. Comparison of Measurements of Monthly Price Variability, 1898-1929	346
	Index Numbers Measuring Changes in Farm Prices and in the Per-unit Purchasing Power of Farm Products, 1922- 1929	347
	Index Numbers Measuring Changes in Farm Prices and in the Per-unit Purchasing Power of Farm Products, 1913- 1929	348
144.	Farm Crops and Animal, Forest and Mineral Products. Index Numbers of Wholesale Prices in the United States, 1922-1929	350
145.	Farm Crops and Animal, Forest and Mineral Products, Raw and Processed. Index Numbers of Wholesale Prices in the United States, 1922-1929	351
	Farm Crops and Animal, Forest and Mineral Products. Index Numbers of Purchasing Power in Relation to a Pre-war Base, Selected Years	352
147.	Foods and Non-foods. Index Numbers of Wholesale Prices in the United States, 1922-1929	354
	Producers' Goods and Consumers' Goods. Index Numbers of Wholesale Prices in the United States, 1922-1929 .	<b>35</b> 8
	Goods Entering into Capital Equipment and Articles of Human Consumption. Index Numbers of Wholesale Prices in the United States, 1922-1929	364
150.	Comparison of Average Annual Rates of Change in Purchasing Power, 1901-1913 and 1922-1929. Commodity Groups of the United States Bureau of Labor Statistics	371
151.	Statistics of Selected Manufacturing Industries of the United States, 1923-1929	376
152.	Relative Numbers Defining Changes in Important Elements of Manufacturing Production in the United States, 1923-1929	377
153.	Index Numbers of Aggregate Value, Production and Price, 1923-1929. Manufacturing Industries of the United States	379
154.	Changes in the Selling Prices of Products of Manufacturing Industries of the United States, 1923-1929. Index Numbers for 62 Individual Industries, with Average Annual Rates of Change	381
155.	Changes in Selling Price, Cost of Materials and Fabrication Costs, plus Profits, per Unit of Product, 1923-1929.  Manufacturing Industries of the United States	384
156.	Changes in Material Costs, per Unit of Product, Manufacturing Industries of the United States, 1923-1929. Index	001

PAC		
38	Numbers for 62 Individual Industries, with Average Annual Rates of Change	
39	57. Changes in Fabrication Costs, plus Profits, per Unit of Product, Manufacturing Industries of the United States, 1923-1929. Index Numbers for 62 Individual Industries, with Average Annual Rates of Change	157.
<b>3</b> 9	58. Changes in Total Fabrication Costs, Labor Costs and Overhead Costs plus Profits, per Unit of Product, 1923-1929.  Manufacturing Industries of the United States	158.
<b>3</b> 9	59. Sales and Profits, 2,046 Manufacturing Corporations, 1922-1929	159.
<b>3</b> 9	60. Index Numbers of Sales, Prices, Profits and Output, 1922-1929. 2,046 Manufacturing Corporations	
40	<ol> <li>Sales, Prices, Profits and Output, 1922-1929. 1,231 Corporations in 45 Manufacturing Industries of the United States</li> </ol>	161.
40	62. Changes in Labor Costs, per Unit of Product, Manufacturing Industries of the United States, 1923-1929. Index Numbers for 62 Individual Industries, with Average Annual Rates of Change	162.
40	63. Changes in Overhead Costs plus Profits, per Unit of Product, Manufacturing Industries of the United States, 1923-1929. Index Numbers for 62 Individual Industries, with Average Annual Rates of Change	163.
41	64. Changes in Unit Prices and Unit Costs, Products of Manufacturing Industries of the United States, 1899-1929.  (In dollars of constant purchasing power.)	164.
41	65. Measurements Relating to the Growth of Population in the United States, 1922-1929, with Corresponding Figures for the Period 1901-1913	165.
42	66. Accessions and Separations of Wage-earners, Manufacturing Industries of the United States, 1899-1929	166.
42	67. Separations of Wage-earners by Industrial Groups, 1899- 1914, 1923-1929	167.
42	68. Showing Changes in Certain Elements of the Supply of Capital Funds and in Annual Additions to Capital Funds in the United States, 1922-1929	168.
42	69. New Capital Issues in the United States, and Issues of Investment Trusts, Trading and Holding Companies, 1922-1929	169.
42	<ol> <li>Estimates of Corporate Savings in the United States. Annual Additions to Surplus and Undivided Profits, 1922-1929</li> </ol>	170.
43	71. Estimates of Aggregate Corporate Savings, and of Annual Corporate Savings, 1922-1929	171.

		PAGE
172.	Growth of Certain Elements of Capital Funds in the United States, 1922-1929	435
173.	Estimated Growth of Corporate Capital Funds in the United States, 1922-1929	438
	Index Numbers Measuring Changes in the Assets of American Industrial Corporations, 1922-1929	440
1 <i>7</i> 5.	Changes in Aggregate Primary Funds in the United States and in the Constituent Elements of this Aggregate, 1922-1929.	443
176		
	Uses of Primary Funds in the United States, 1922-1929.	446
	Elements of the Money and Credit Structure, 1922-1929.	448
178.	Growth of Bank Credit, Reporting Member Banks, 1922-1929	450
1 <b>7</b> 9.	Elements of Mortgage Indebtedness in the United States, 1922-1929. Estimated Holdings of Urban Real Estate Mortgages	453
180.	Bond and Stock Yields, Rediscount Rates and Interest Rates, 1922-1929	455
181.	Exports and Imports of the United States. Index Numbers of Quantity, Unit Price and Aggregate Value, 1922-1929	462
182.	Changes in Export and Import Prices, and in the Terms of Exchange between Imported and Exported Goods, 1913-1929.	464
183.	Foreign Trade of the United States, 1922-1929. Changes in Aggregate Values of Imports, by Major Classes of Commodities	465
184.	Foreign Trade of the United States, 1922-1929. Changes in Aggregate Values of Exports, by Major Classes of Commodities	467
185.	Component Elements of the Import Trade of the United States, 1901, 1913, 1922 and 1929	469
186.	Component Elements of the Export Trade of the United States, 1901, 1913, 1922 and 1929	<b>47</b> 0
187.	Balances of International Payments of the United States, 1922-1929	472
188.	Foreign Investments of the United States, 1922-1929	475
	Changes in Earnings and in Wage Rates in the United States, 1922-1929	477
190.	Changes in per Capita Earnings of Manufacturing Labor, by Industries, 1922-1929	<b>47</b> 9
191.	Changes in per Capita Real Earnings of Manufacturing Labor in Seven Industrial Groups, 1901-1913 and 1922- 1929	480

		PAGE
192.	Net Incomes of Corporations Classified by Major Industrial Groups, 1922-1929	482
193.	Net Incomes of Manufacturing Corporations Classified by Industrial Groups, 1922-1929	484
194.	Profits, Capital Investment and Profits as Percentage of Capital Investment, 2,046 Manufacturing Corporations, 1922-1929	486
195.	Aggregate Dividend Payments of All Corporations, 1922-1929	490
196.	Cash Income Received from 1922 to 1929, inclusive, by the Holders of All Common Stock Outstanding on January 1, 1922. 102 Industrial, Public Utility and Railroad Corporations	492
197.	Relative Numbers Defining the Investment Experience of Holders of All Common Stock Outstanding on January 1, 1922. 102 Industrial, Public Utility and Railroad Corporations	496
198.	Measurements Defining the Investment Experience of the Holders of All Common Stock Outstanding on January 1, 1922. 72 Industrial Corporations	49 <b>7</b>
199.	Measurements Defining the Investment Experience of the Holders of All Common Stock Outstanding on January 1, 1922. 18 Public Utility Corporations	498
	Measurements Defining the Investment Experience of the Holders of All Common Stock Outstanding on January 1, 1922. 12 Railroads	499
201.	Investment Experience of a Fund of \$10,000 Invested in Bonds in January, 1922, and Redistributed Semi-annually to Maintain Equal Distribution, 1922-1929	
202.	Index Numbers of Incomes Received by Wage-earners, Stockholders and Bondholders in American Industries, 1922-1929. (In current dollars.)	
203.	Index Numbers of Incomes Received by Wage-earners, Stockholders and Bondholders in American Industries, 1922-1929. With Pre-war and Post-war Rates of Change. (In dollars of constant purchasing power.)	
204.	Estimates of Post-war Tendencies among Producers of Economic Goods. Changes in Values of Products and in Com-	
205.	Estimates of Pre-war Tendencies among Producers of Economic Goods. Changes in Values of Products and in Command over Goods.	,
206.	Showing Changes Occurring in the Aggregate Values of Goods Produced by Certain Economic Groups, and Corresponding Changes in Command over Goods, 1914-1929	

		PAGE
207.	Showing Alterations Occurring in the Terms of Exchange between Given Groups of Manufacturing Producers and All Producers, 1923 to 1929 and 1914 to 1929	514
208.	Showing Alterations Occurring in the Terms of Exchange between Given Groups of Producers and All Producers, 1922 to 1929 and 1913 to 1929	518
209.	Showing Alterations Occurring in the Ratios of the Aggregate Quantities Produced by Manufacturing Wage-earners to their Aggregate Purchasing Power, 1923 to 1929 and 1914 to 1929	520
210.	Showing Alterations Occurring in the Aggregate Production of Different Agents, and in the Aggregate Rewards of these Agents, 1923 to 1929 and 1914 to 1929	523
211.	Comparison of Alterations in the Terms of Exchange between Given Groups of Producers and All Producers, 1901 to 1913 and 1913 to 1929	525
	Comparison of Alterations in the Ratios of Aggregate Production to Aggregate Rewards, 1899 to 1914 and 1914 to 1929	527
213.	Balances of International Payments of the United States, 1896-1914 1922-1929	538

## List of Charts

		PAGE
1.	Growth of Population and of Physical Volume of Production in the United States, 1901-1913	3
2.	Changes in Physical Volume of Production in the United States, 1901-1913. A. Raw Materials. B. Processed Goods	6
3.	Illustrating the Divergence of Production Trends in the United States, 1901-1913. Raw Materials and Processed Goods	9
4.	Growth of Physical Volume of Production in the United States, 1901-1913. Products of American Farms and All Other Products	15
5.	Growth of Physical Volume of Production in the United States, 1901-1913. Foods and Non-foods	18
6.	Growth of Physical Volume of Production in the United States, 1901-1913. Articles of Human Consumption and Articles Entering into Capital Equipment	22
7.	Growth of Physical Volume of Production in the United States, 1901-1913. Durable, Semi-Durable and Non-durable Goods	24
8.	Growth of Manufacturing Production in the United States, 1899-1914. Production, Number of Wage-earners and Output per Wage-earner	27
9.	Growth of Manufacturing Production in the United States, 1899-1914. Illustrating the Divergence of Production Trends among Manufacturing Industries	31
10.	Growth of Manufacturing Production in the United States, 1899-1914. Illustrating the Divergence of Trends in Production per Wage-earner in Manufacturing Industries .	34
11.	Changes in Volume of Production, Average Price and Aggregate Value of Goods Produced in the United States, 1901-1913	55
12.	Movements of Wholesale Prices in the United States, 1901-1913. Raw Materials and Processed Goods	59
13.	Movements of Wholesale Prices in the United States, 1901-1913. Price Trends of Twenty Raw Materials and Sixteen Processed Goods	60
	622	

		PAGE
14.	Movements of Wholesale Prices in the United States, 1901-1913. Raw Materials and Processed Goods	61
15.	Movements of Wholesale Prices in the United States, 1901-1913. Products of American Farms and All Other Products	64
16.	Movements of Wholesale Prices in the United States, 1901-1913. Forest Products, Animal Products, Farm Crops and Mineral Products	69
17.	Movements of Wholesale Prices in the United States, 1901-1913. Foods and Non-foods	74
18.	Movements of Wholesale Prices in the United States, 1901-1913. Producers' Goods and Consumers' Goods	77
19.	Changes in Aggregate Value, Volume of Production and Average Price of Products. Manufacturing Industries of the United States, 1899-1914	98
20.	Illustrating the Divergence of Price Trends among 32 Manufacturing Industries of the United States, 1899-1914. Average Rates of Change in Selling Price per Unit of Product	101
21.	Changes in Average Selling Price, Cost of Materials and Fabrication Costs, plus Profits, per Unit of Product. Manufacturing Industries of the United States, 1899-1914	104
22.	Illustrating the Divergence of Cost Trends among 32 Manufacturing Industries of the United States, 1899-1914. Average Rates of Change in Material Costs per Unit of Product	105
23.	Illustrating the Divergence of Cost Trends among 32 Manufacturing Industries of the United States, 1899-1914.  Average Rates of Change in Fabrication Costs per Unit of Product	108
24.	Changes in Average Fabrication Costs, Labor Costs and Overhead Costs plus Profits, per Unit of Product. Manu- facturing Industries of the United States, 1899-1914.	110
25.	Illustrating the Divergence of Cost Trends among 32 Manufacturing Industries of the United States, 1899-1914.  Average Rates of Change in Labor Costs per Unit of Product	113
<b>2</b> 6.	Illustrating the Divergence of Cost Trends among 32 Manufacturing Industries of the United States, 1899-1914. Average Rates of Change in Overhead Costs plus Profits per Unit of Product	115
27.	Movements of Certain Economic Elements in the United States 1901-1913	_

## LIST OF CHARTS

		PAGE
28.	Changes in Money Earnings of Employed Workers in the United States, 1901-1913. Major Groups	136
29.	Changes in Money Earnings of Employed Workers in the United States, 1901-1913. Manufacturing Industries	137
30.	Graphic Representation of Investment Experience of Holders of Common Stock in 93 Corporations, 1901-1913	142
31.	Changes in Incomes Received by Wage-earners, Stockholders and Bondholders in American Industries, 1901-1913	155
	Foreign Trade of the United States, 1901-1913. Changes in Aggregate Values of Imports, by Major Classes of Commodities	162
33.	Foreign Trade of the United States, 1901-1913. Changes in Aggregate Values of Exports, by Major Classes of Commodities	163
34.	Graphic Representation of Pre-war Tendencies among Producers of Raw Materials and Manufactured Goods. Average Rates of Change in Purchasing Power per Unit of Goods Produced, in Aggregate Physical Production and	
2 [	in Aggregate Command over Goods	1 <b>7</b> 0
<b>3</b> 5.	Changes in Physical Volume of Production and Construction in the United States, 1913-1922	189
36.	Growth of Manufacturing Production in the United States, 1914-1923. Volume of Production, Number of Wage-earners and Output per Wage-earner	193
37.	Changes in Volume of Production, Average Price and Aggregate Value of Goods Produced in the United States, 1913-1922	204
38.	Graphic Representation of Changes in the Real Values, per Unit, of Commodities in Selected Groups, 1913-1922	206
39.	Graphic Representation of Changes in the Real Values, per Unit, of Commodities in Selected Groups, 1913-1922. Selected Classes of Producers' Goods and Consumers'	
40	Goods	218
40.	Changes in Average Selling Price, Cost of Materials and Fabrication Costs, plus Profits, per Unit of Product. Manufacturing Industries of the United States, 1914-1923	226
41.	Changes in Average Fabrication Costs, Labor Costs and Overhead Costs plus Profits, per Unit of Product. Manu- facturing Industries of the United States, 1914-1923	
42.	Growth of Population and of Physical Volume of Production in the United States, 1922-1929	244
43.	Growth of Physical Volume of Production in the United States, 1922-1929. Raw Materials and Manufactured Goods	

		PAGE
44.	Changes in Physical Volume of Production of Individual Commodities in the United States, 1922-1929. A. Raw Materials. B. Processed Goods	254
45.	Illustrating the Divergence of Production Trends in the United States, 1922-1929	257
	Growth of Physical Volume of Production in the United States, 1922-1929. Products of American Farms and All Other Products	260
	Growth of Construction in the United States, 1922-1929. Estimated Values of Total Contracts Awarded, 48 States	265
48.	Growth of Production of Finished Goods in the United States, 1922-1929. Non-durable Consumption Goods	271
49.	Growth of Production of Finished Goods in the United States, 1922-1929. Semi-durable Consumption Goods	273
50.	Growth of Production of Finished Goods in the United States, 1922-1929. Durable Consumption Goods	275
51.	Growth of Production of Finished Goods in the United States, 1922-1929. Elements of Capital Equipment	277
52.	Growth of Production of Finished Goods in the United States, 1922-1929. Total Production, Capital Equipment and Consumption Goods	281
53.	Growth of Production of Finished Goods in the United States, 1922-1929. Total Production, Durable Goods and Non-durable Goods	284
54.	Growth of Manufacturing Production in the United States, 1923-1929. Volume of Production, Number of Wage-earners and Output per Wage-earner	290
55.	Growth of Manufacturing Production in the United States, 1923-1929. Illustrating the Divergence of Production Trends among Manufacturing Industries	294
56.	Growth of Manufacturing Production in the United States, 1923-1929. Illustrating the Divergence of Trends in Production per Wage-earner in Manufacturing Industries.	298
5 <b>7</b> .	Growth of Manufacturing Production in the United States, 1923-1929. Volume of Production, Number of Establishments and Output per Establishment	300
58.	Changes in Volume of Production, Average Price and Aggregate Value of Goods Produced in the United States, 1922-1929	322
59.	Movements of Wholesale Prices in the United States, 1922-1929. Raw Materials and Manufactured Goods	333
60.	Changes in the Real Values, per Unit, of Raw Materials and of Manufactured Goods, 1913-1929	335

		FAGE
	Movements of Wholesale Prices in the United States, 1922-1929. Products of American Farms and All Other Products	341
62.	Graphic Representation of Changes in the Real Values, per Unit, of Commodities in Selected Groups, 1913-1929. Products of American Farms and All Other Products .	344
63.	Changes in Farm Prices and in the Purchasing Power of Farm Products, 1922-1929	347
64.	Changes in the Average Per-unit Purchasing Power of Farm Products, 1913-1929. Based on Prices Received and Prices Paid by Farmers	349
65.	Movements of Wholesale Prices in the United States, 1922-1929. Animal Products, Farm Crops, Forest Products and Mineral Products	350
66.	Movements of Wholesale Prices in the United States, 1922-1929. Foods and Non-foods	355
67.	Graphic Representation of Changes in the Real Values, per Unit, of Commodities in Selected Groups, 1913-1929. Foods and Non-foods	356
68.	Movements of Wholesale Prices in the United States, 1922-1929. Producers' Goods and Consumers' Goods	359
69.	Graphic Representation of Changes in the Real Values, per Unit, of Commodities in Selected Groups, 1913-1929. Producers' Goods and Consumers' Goods	361
<b>7</b> 0.	Movements of Wholesale Prices in the United States, 1922-1929. Articles of Human Consumption and Goods Entering into Capital Equipment	365
<i>7</i> 1.	Graphic Representation of Changes in the Real Values, per Unit, of Commodities in Selected Groups, 1913-1929. Articles of Human Consumption and Goods Entering into Capital Equipment	36 <b>7</b>
72.	Graphic Representation of Changes in the Real Values, per Unit, of Commodities in Selected Groups, 1913-1929. Selected Classes of Producers' Goods and Consumers' Goods	<b>3</b> 68
<i>7</i> 3.	Changes in Aggregate Value, Volume of Production and Average Price of Products. Manufacturing Industries of the United States, 1923-1929	<b>37</b> 9
	Illustrating the Divergence of Price Trends among 60 Manufacturing Industries of the United States, 1923-1929. Average Rates of Change in Selling Prices, per Unit of Product	383
<i>7</i> 5.	Changes in Average Selling Price, Cost of Materials and Fabrication Costs, plus Profits, Per Unit of Product.	

		PAGE
	Manufacturing Industries of the United States, 1923-1929. (In dollars of constant purchasing power.)	385
<b>7</b> 6.	Changes in Average Selling Price, Cost of Materials and Fabrication Costs, plus Profits. Manufacturing Industries of the United States, 1914-1929. (Percentage deviations from 1914 parity, in dollars of constant purchasing power.)	387
<i>77</i> .	Illustrating the Divergence of Cost Trends among 60 Manufacturing Industries of the United States, 1923-1929. Average Rates of Change in Material Costs and in Fabrication Costs, plus Profits, per Unit of Product	390
<i>7</i> 8.	Changes in Average Fabrication Costs, Labor Costs and Overhead Costs plus Profits, Per Unit of Product. Manufacturing Industries of the United States, 1923-1929. (In dollars of constant purchasing power.)	394
<b>7</b> 9.	Changes in Average Fabrication Costs, Labor Costs and Overhead Costs plus Profits. Manufacturing Industries of the United States, 1914-1929. (Percentage deviations from 1914 parity, in dollars of constant purchasing power.)	396
80.	Changes in Estimated Physical Volume of Sales, in Aggregate Profits and in Profit per Unit of Product. Manufacturing Industries of the United States, 1922-1929	400
81.	Changes in Estimated Physical Volume of Sales, in Aggregate Profits and in Profit per Unit of Product. Forty-five Selected Manufacturing Industries, 1922-1929	402
82.	Illustrating the Divergence of Cost Trends among 60 Manufacturing Industries of the United States, 1923-1929. Average Rates of Change in Labor Costs and in Overhead Costs plus Profits, per Unit of Product	404
83.	Changes in Average Selling Price, Cost of Materials, Labor Costs and Overhead Costs plus Profits, per Unit of Product. Manufacturing Industries of the United States, 1899-1914 and 1914-1929. (In dollars of constant purchasing power.)	413
84.	Changes in the Total Population of the United States, in the Farm Population and in the Number of Wage-earners in Manufacturing Industries, 1922-1929	41 <i>7</i>
85.	Accession and Separation Rates by Industries. Wage-earners in Manufacturing Industries of the United States	421
86.	Changes in Certain Elements of the Supply of Capital Funds in the United States, 1922-1929	424
87.	Growth of Certain Elements of Aggregate Capital Funds, 1922-1929	435

		PAGE
88.	Growth of Assets of Industrial Corporations and of Total Corporate Capital Funds in the United States, 1922-1929	441
89.	Changes in Aggregate Primary Funds and Constituent Elements, 1922-1929	444
90.	Changes in the Uses Made of Aggregate Primary Funds, 1922-1929	446
91.	Changes in Elements of the Money and Credit Structure of the United States, 1922-1929	449
92.	Growth of Bank Credit in the United States, 1922-1929. Reporting Member Banks	451
93.	Changes in the Estimated Holdings of Urban Real Estate Mortgages in the United States, 1922-1929	453
	Changes in Interest Rates, Rediscount Rates and Bond and Stock Yields in the United States, 1922-1929	456
	Changes in the Quantities, Values and Average Prices of Imports and Exports of the United States, 1922-1929 .	463
	Changes in the Foreign Trade of the United States, 1922-1929. Imports and Exports, Major Classifications	466
97.	Changes in American Capital Investments Abroad and in Foreign Capital Investments in the United States, 1922-1929	474
98.	Changes in the Earnings and Wage Rates of Employed Labor in the United States, 1922-1929. (In current dollars.)	478
99.	Changes in Corporate Net Income in the United States as reported to the Bureau of Internal Revenue, 1922-1929 .	483
100.	Changes in the Profits and the Capital Investment of 2,046 Manufacturing Corporations, 1922-1929	485
101.	Changes in Aggregate Dividend Payments of All Corporations, 1922-1929	491
	Graphic Representation of the Investment Experience of Holders of Common Stock in 102 Corporations, 1922-1929	495
103.	Changes in Incomes Received by Wage-earners, Stockholders and Bondholders, in American Industries, 1922-1929. (In current dollars.)	503
104.	Graphic Representation of Post-war Tendencies among Producers of Raw Materials and of Manufactured Goods. Average Rates of Change in Purchasing Power per Unit of Goods Produced, in Aggregate Physical Production and in Aggregate Command over Goods, 1922-1929	506
105.	Showing Alterations Occurring in the Terms of Exchange between Given Groups of Producers and All Producers,	
	1923 to 1929 and 1914 to 1929	515

		PAGE
106.	Showing Alterations Occurring in the Terms of Exchange between Given Groups of Producers and All Producers, 1922 to 1929 and 1913 to 1929	51 <i>7</i>
107.	Showing Alterations Occurring in the Ratios of Aggregate Quantities Produced by Manufacturing Wage-earners to their Aggregate Purchasing Power, 1923 to 1929 and 1914 to 1929	521
108.	Showing Alterations Occurring in the Ratios of Aggregate Production to Aggregate Rewards, Agents of Manufacturing Production, 1899 to 1914 and 1914 to 1929	527