STATISTICAL ABSTRACT
OF THE
UNITED STATES
1931
FIFTY-THIRD NUMBER

Bureau of the Census
Library

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1931

For sale by the Superintendent of Documents, Washington, D. C. - Price $1.25 (Buckram)
LETTER OF SUBMITTAL

DEPARTMENT OF COMMERCE,
BUREAU OF FOREIGN AND DOMESTIC COMMERCE,
Washington, August 22, 1931.

SIR: I have the honor to submit herewith for publication the fifty-third annual issue of the Statistical Abstract of the United States. This publication has been prepared in the Division of Statistical Research, of which J. Frederic Dewhurst is chief, under the general direction of Ernest A. Tupper, assistant chief of the division, and the more immediate charge of Martha Hunter. The volume represents a digest of data collected by all statistical agencies of the National Government, as well as those of a considerable number of private agencies and several States. Many of these offices and agencies have been of great assistance in furnishing advance data and also in the actual preparation of the tables used in the Abstract. Special mention in this connection is due the following offices of the Federal Government: The Bureau of the Census, the Bureau of Fisheries, and the Bureau of Mines of the Department of Commerce; the Bureau of Agricultural Economics and the Weather Bureau of the Department of Agriculture; the Bureau of Immigration and the Bureau of Labor Statistics of the Department of Labor; the Bureau of Education of the Department of the Interior; the Federal Board for Vocational Education; the Statistical Division of the Income Tax Unit and the Federal Farm Loan Bureau of the Treasury Department; the Veterans' Bureau; the Interstate Commerce Commission; the United States Shipping Board; and the Division of Analysis and Research of the Federal Reserve Board. Valuable aid has also been given by the Bureau of Railway Economics, Washington; the New York Produce Exchange; the Spectator Co., New York; Dun's Review, New York; and the Bureau of Canals, State of New York.

Tables showing comparative statistics for the United States and foreign countries are published in Volume II of the Commerce Yearbook.

Respectfully,

FREDERICK M. FEIKER,
Director.

To Hon. R. P. Lamont,
Secretary of Commerce.
CONTENTS

Letter of submittal ................................................................. 11

1. AREA AND POPULATION ......................................................... 1

Table
1. Territorial Expansion of the United States: Date and area of accessions ......................................................... 1
2. Dates of Organization of Territories and Admission of States ................................................................. 1
3. Area of States and Geographic Divisions ................................................................. 2
4. Area and Population, United States: 1790 to 1930 ........................................................................... 2
5. Population of United States and Outlying Territories and Possessions: 1910 to 1930 ................................. 3
7. Race, Nativity, and Parentage of Population: 1870 to 1930 ................................................................. 4
8. Sex Distribution: Totals, 1860 to 1930, and by race, nativity, and parentage, 1910 to 1930 ......................... 5
9. Age Distribution: Total, 1900 to 1930, and by sex and race, nativity, and parentage, 1930 ......................... 5
11. Annual Mid-year Estimates of Population, by States, 1922 to 1931 ................................................................. 7
12. Population by States: 1790 to 1930 ........................................................................... 8
13. Density of Population: By States, 1850 and 1860 to 1930 ........................................................................... 10
14. Age Distribution: By States ........................................................................... 11
15. Race of Population: By States, 1860 to 1930 ........................................................................... 12
16. Race, Nativity, and Parentage: By States ........................................................................... 13
17. Sex Distribution: By race and nativity, by States ........................................................................... 14
18. Age Distribution: Percentages by States ........................................................................... 15
19. Race, Nativity, and Parentage: Percentages by States ........................................................................... 19
20. Persons 21 Years of Age and Over, by Sex, Race, Nativity, and Parentage, and Total Males 18 to 44 Years of Age, by States ........................................................................... 20

21. Cities of 50,000 or More Inhabitants: Population by color, nativity, and parentage, and sex ........................................................................... 22
22. Marital Condition: By sex, race, nativity, and parentage ........................................................................... 28
23. Marital Condition: By sex, race, nativity, and parentage, by geographic divisions ........................................................................... 29
24. Marital Condition of White and Negro Persons: For geographic divisions and for selected States ........................................................................... 31
25. Marital Condition: By States ........................................................................... 32
26. Illiterate Persons: By geographic divisions, distinguishing urban and rural, and by age groups ........................................................................... 34
27. Illiterate Persons: By States ........................................................................... 35
28. Percentage of Illiteracy: By States ........................................................................... 36
29. Dwellings, Families, and Tenure of Homes: By States ........................................................................... 37
30. Average Number of Persons per Dwelling and per Family, and Percentage Distribution of Families by Tenure of Home: By States ........................................................................... 38
31. Foreign-born Population: By country of birth, 1870 to 1920 ........................................................................... 39
32. Foreign-born Whites: By country of birth ........................................................................... 40
33. Foreign-born Population, Urban and Rural: By country of birth ........................................................................... 40
34. Foreign White Stock, by Mother Tongue ........................................................................... 41
35. Foreign-born Whites: By country of birth, by States ........................................................................... 42
36. Citizenship of Foreign-born Whites: By principal countries of birth ........................................................................... 46
37. Urban and Rural Population: By race, nativity, and parentage, and by sex and age groups ........................................................................... 47
38. Urban and Rural Population: By States ........................................................................... 48
39. Population in Places of 8,000 Inhabitants or more ........................................................................... 49
40. Distribution of Population in Groups of Cities and in Rural Territory ........................................................................... 49
41. Marital Condition of Urban and Rural Population ........................................................................... 50
42. Urban and Rural Dwellings and Families ........................................................................... 50
43. Persons Engaged in Gainful Occupations: By sex and age groups ........................................................................... 51
44. Persons Engaged in Gainful Occupations: By sex, age, race, nativity, and parentage ........................................................................... 51
45. Persons Engaged in Each General Group of Occupations: By sex ........................................................................... 52
46. Persons Engaged in Each General Group of Occupations: By sex and age ........................................................................... 52
47. Males and Females Engaged in Gainful Occupations: By States, 1920 and 1930 ........................................................................... 53
48. Males and Females Engaged in Gainful Occupations: By industry, groups and States ........................................................................... 54
49. Persons Engaged in Each Specified Occupation: By sex, nativity, and parentage ........................................................................... 56
50. Shift in Occupations, 1880 to 1920 ........................................................................... 63
51. Religious Bodies: Churches and members, by denominations ........................................................................... 64
52. Religious Bodies: Value of property, expenditures, and Sunday schools and scholars ........................................................................... 65
2. DEFECTIVES, DELINQUENTS, AND DEPENDENTS

Table
53. Defectives, Delinquents, and Dependents: By States................................................. Page 67
54. Deaf-mute Population, 1890 to 1930................................................................. 68
55. Deaf-mutes by Color or Race and by Age, 1930.................................................. 68
56. Blind Population Enumerated, 1890 to 1930......................................................... 69
57. Blind Population, by Color or Race, and by Age, 1930....................................... 69
58. Paupers Enumerated in Almshouses, 1880 to 1923.............................................. 70
59. Age Distribution of Paupers Enumerated in Almshouses, 1890 to 1923.............. 70
60. Paupers Admitted to Almshouses and Number of Departures and Deaths during 1922.. 70
61. Mental Patients, Feeble-minded and Epileptics in State Institutions and Prisoners in State and Federal Prisons and Reformatories, 1904 to 1929........................................... 71
62. State Hospitals for Mental Disease: First Admissions, 1922, 1927, and 1928, by Psychosis.. 71
63. State Hospitals for Mental Disease and State Institutions for the Feeble-minded and Epileptics: Admissions during the year and number present, by States... 72
64. Patients Enumerated in Hospitals for Mental Disease, 1880 to 1923....................... 73
65. Patients Enumerated in Hospitals for Mental Disease, 1890 to 1928: By age groups...... 73
66. Patients Admitted to Hospitals for Mental Disease during 1922: By psychosis........ 73
67. Prisoners Enumerated, 1880 to 1930................................................................. 74
68. Prisoners Admitted January 1, 1922, and Commitments during the Year, by Classes.... 74
69. Prisoners and Juvenile Delinquents Enumerated and Commitments...................... 74
70. Prisoners and Juvenile Delinquents: By nature and length of sentence.................. 74
71. State and Federal Prisons and Reformatories: Admissions by principal offenses...... 75
72. State and Federal Prisons and Reformatories: Admissions and number present, by States.................. 76

3. VITAL STATISTICS

73. Deaths: Number and rates, 1880 to 1929............................................................ 77
74. Deaths: Rates by sex, and age groups, 1904 to 1927......................................... 78
75. Deaths: Rates, 1910 to 1929, distinguishing cities and rural area...................... 79
76. Deaths: Number in the death registration States............................................... 79
77. Deaths: Rates by States......................................................................................... 80
78. Deaths: Number and rates, by important causes.................................................. 81
79. Deaths: Number and rate per 100,000 population from tuberculosis, cancer, diseases of the heart, and nephritis, by States.................................................. 82
80. Deaths: Rates for each registration city of 100,000 or more inhabitants.............. 83
81. Births, Deaths, and Births under 1 year of Age: By sex.................................... 84
82. Number of Births and Excess of Births over Deaths: By States............................ 85
83. Birth and Death Rates: 1920 to 1929................................................................. 85
84. Birth Rates and Excess of Births Over Deaths: By States.................................... 86
85. Births and Stillbirths By Legitimacy: By States.................................................... 87
86. Deaths of Infants under 1 Year of Age: Number and rates, by States.................... 87
87. Deaths of Infants under 1 Year of Age: Rates, by principal causes.................... 89
88. Deaths of Infants under 1 Year of Age: Rates, according to age subdivisions......... 90
89. Homicides and Suicides: Number and rate in cities having 100,000 population or more. 91
90. Birth and Death Registration Area: States included, with year when each was added.. 92
91. Marriages and Divorces, and Annulments: Number and ratio of divorces to marriages. 92
92. Marriages, Divorces, and Annulments: Number and ratio of divorces to marriages, by States.................................................. 93

4. IMMIGRATION AND EMIGRATION

93. Immigration: 1821 to 1930...................................................................................... 95
94. Admissions and Departures of Aliens: 1910 to 1930.............................................. 95
95. Immigrants Admitted, Debarred, and Departed.................................................... 96
96. Immigrant Aliens Admitted: By occupation, amount of money brought, etc........... 96
97. Immigrant Aliens Admitted and Emigrant Aliens Departed, by Sex and Age; and Illiteracy of Immigrants................................................................. 96
98. Immigration: By countries of last residence, 1841 to 1920.................................... 97
99. Immigrant Aliens Admitted and Emigrant Aliens Departed: By country of last or future residence.................................................. 98
100. Immigrant Aliens Admitted and Emigrant Aliens Departed: By race or people....... 100
101. Immigrant Aliens Admitted: Percentages, by race or people................................ 102
102. Immigrant Aliens Admitted and Emigrant Aliens Departed: By race or people, and by sex.................................................. 102
103. Aliens Admitted: By classes under the immigration act of 1924, and by region of birth. 103
104. Immigration Quotas and Aliens Admitted and Charged to Quotas: By nationality... 104
105. Quota and Nonquota Immigrants Admitted: By country of birth.......................... 105
106. Arrivals and Departures of Aliens and Citizens.................................................. 105
107. Arrivals of Passengers from Foreign Countries at the Principal Seaports.............. 106
108. Departures of Passengers from Seaports of the United States for Foreign Countries. 106
5. EDUCATION

110. Summary of Public Elementary and Secondary Schools: 1870 to 1928.......................... 100
111. Elementary, Commercial, Secondary, Normal School, and College Enrollment: 1890 to 1928... 110
112. Public High Schools and Private High Schools and Academies: 1890 to 1928.................... 110
113. Normal Schools and Teachers' Colleges: 1900 to 1930............................................. 111
114. Universities, Colleges, and Professional Schools: 1890 to 1928................................. 112
115. Public Elementary and Secondary Schools: Number and salary of teachers, by States........... 113
116. Elementary and Secondary Schools, Public and Private: Enrollment and attendance, by States... 114
118. Public Elementary and Secondary Schools: White and colored enrollment in 16 States............. 117
119. Public High Schools and Private High Schools and Academies: Enrollment by States............ 117
120. Public High Schools and Private High Schools and Academies: Teachers and pupils, by States.. 118
121. School Statistics of Noncontiguous Territory.......................................................... 119
122. Universities, Colleges, and Professional Schools: Instructors, students, and income, by States.. 120
123. Universities, Colleges, and Professional Schools: Professional students, by courses and States.. 122
124. Universities, Colleges, and Professional Schools: Libraries and property, by States.............. 123
125. Normal Schools and Teachers' Colleges: Teachers and students, by states.......................... 124
126. Nurse Training, Commercial, Summer, and Reform Schools: By States............................ 125
127. Schools for the Blind, the Deaf, and the Feeble-Minded: By States............................... 126
128. Schools for the Blind, the Deaf, and the Feeble-Minded: 1910, 1922, and 1927................. 127
129. Vocational Education: Teachers and pupils, by class of school.................................... 127
130. Vocational Education: Pupils enrolled, by States...................................................... 128
131. Vocational Education: Pupils enrolled in vocational teacher-training courses, by States....... 129
132. Vocational Education: Expenditures under the vocational education act.......................... 130
133. Vocational Rehabilitation of Persons Disabled in Industry or Otherwise............................ 131

6. PUBLIC LANDS AND NATIONAL PARKS

134. Original and Perfeoted Entries of Public Lands and Area Patented: By classes..................... 133
135. Original Entries of Public and Indian Lands under All Acts: By States............................ 133
136. Homesteads: Original entries by States, 1911 to 1930, and final entries, entire area, 1868 to 1930... 134
137. Stock-raising Homesteads: Original entries from passage of act to June 30, 1930, by States...... 134
138. Timber and Stone, Coal, Mineral, and Desert-Land Entries: By States............................. 135
139. Lands Certified or Patented on Account of Railway and Wagon Road Grants: By States........... 135
140. Lands Certified or Patented on Account of Railway or Wagon Road Grants: 1850 to 1930......... 136
141. Land Grants to States for Educational and Other Purposes: By States................................ 137
142. Acreage of Public and Indian Lands Patented: By States and classes............................... 138
143. Receipts under the Mineral Leasing Act of February 25, 1920.................................... 138
144. Acreage of Public Lands withdrawn from Settlement and Restorations theretofrom.................. 139
145. Public Land: Areas unappropriated and unreserved.................................................... 140
146. Area of Indian Reservations and Indian Population.................................................... 140
147. National Parks and National Monuments, with Description........................................... 141

7. CLIMATE

148. Climate Conditions: Selected cities in the United States............................................ 143

8. ARMY, NAVY, CIVIL SERVICE, PENSIONS, VETERAN'S BUREAU ACTIVITIES, ELECTIONS, ETC

149. Army of the United States: Strength of component parts, 1890 to 1930.......................... 157
150. Regular Army: Actual strength by arms or services.................................................... 158
151. National Guard: Organized strength, by States............................................................ 158
152. Navy, Marine Corps, and Naval Reserve: Organized strength, 1906 to 1930....................... 159
153. Navy: Number and displacement of vessels fit for service, 1906 to 1930......................... 159
154. Navy: Number and displacement of vessels, by classes, December 31, 1930.......................... 160
155. American Red Cross: Expenditures.................................................................................... 161
156. American Red Cross: Annual roll call, by States............................................................ 161
157. Pensions: Number of war pensioners on rolls and disbursements for pensions.................... 163
158. Veterans' Bureau: Disbursements from appropriations and trust funds............................ 163
159. Veterans' Insurance and Compensation: Death and disability awards................................ 164
160. Government Life Insurance: Annual premium rates by specified forms of insurance............ 164
162. Government Life Insurance: Converted insurance issued and in force, by plans.................. 165
164. Hospitalization: United States Veterans' Bureau beneficiaries....................................... 166
165. Adjusted Compensation Awards: Number and amount to June 30, 1930......................... 166
166. Civil Service Retirement: Summary of operations......................................................... 167
167. Civil Service: Growth of the executive civil service and the merit system.......................... 168
168. Civil Service: Number of employees, by departments and offices.................................... 168
10. STATE, CITY, AND LOCAL GOVERNMENT FINANCES

213. Taxes: Total levies of ad valorem general property taxes of all civil divisions, by States

214. Assessed Valuation of Property Subject to General Property Tax: By States

215. Public Debt: All classes of Government organizations

216. State Finances: Receipts and cost payments, all States combined, by principal classes

217. State Finances: Receipts and cost payments per capita, all States combined

218. State Finances: Revenue receipts and governmental cost payments, by States

219. State Debts: Gross debt less sinking-fund assets, total and per capita, by States

220. State Debts: By classes and by States

221. State Debts: Funded, floating, and special assessment debt, by purpose for which incurred

222. State Debts: Gross debt, sinking-fund assets, and debt less sinking-fund assets of all States

223. Local Government Debt by Classes of Civil Divisions: By States

224. Debts of Local Governments: Combined debt of all civil divisions, by States

225. Debts of States and Local Governments Combined: By States

226. Finances of Cities: Receipts and cost payments of cities, by size groups

227. Finances of Cities: Per capita receipts and cost payments of cities, by size groups

228. Finances of Cities: Per capita receipts, cost payments, and net debt of 146 cities combined

229. Finances of Cities: Receipts and cost payments of each principal city
11. MONEY AND BANKING

<table>
<thead>
<tr>
<th>Table</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>230. Finances of Cities: Receipts of each principal city, by sources.</td>
<td>236</td>
</tr>
<tr>
<td>231. Finances of Cities: Governmental cost payments of each principal city, by objects</td>
<td>238</td>
</tr>
<tr>
<td>232. Finances of Cities: Net debt of each principal city</td>
<td>242</td>
</tr>
<tr>
<td>233. Finances of Cities: Receipts, payments, and debt of each city of 30,000 to 100,000 inhabitants</td>
<td>243</td>
</tr>
</tbody>
</table>

244. Coinage of the United States Mint: 1793 to 1930                   | 247  |
250. Money in Circulation, by kinds, 1914 to 1930                       | 247  |
256. Money: Stock in the United States, by kinds, 1860 to 1930          | 248  |
257. Money: Stock and amount in Treasury and in circulation, 1800 to 1930 | 249  |
258. Federal Reserve Banks: Total and principal assets of all banks and of each bank | 250  |
259. Federal Reserve Banks: Principal liabilities of all banks and of each bank | 251  |
260. Federal Reserve Banks: Holdings of purchased acceptances          | 252  |
261. Federal Reserve Banks: Holdings of United States securities        | 252  |
262. Federal Reserve Banks: Holdings of discounted bills, by classes and maturities | 253  |
263. Federal Reserve Banks: Holdings of discounted bills, by States    | 254  |
264. Federal Reserve Banks: Discount rate of each bank, January 1, 1922, to December 31, 1930 | 254  |
266. Federal Reserve Gold Settlement Fund: Transactions through the fund, by districts | 256  |
267. Federal Reserve Agents' Gold Fund: Summary of transactions        | 256  |
268. Federal Reserve Banks: Volume of operations in principal departments | 267  |
269. Federal Reserve Banks: Operations of branches                     | 267  |
270. Federal Reserve Banks: Clearing operations and number of banks on par list | 268  |
271. Federal Reserve Banks: Average annual rate of earnings on bills and securities | 269  |
272. Federal Reserve Banks: Profit and loss account                    | 270  |
273. Federal Reserve System: Principal assets and liabilities of all member banks | 271  |
274. Federal Reserve System: Principal assets and liabilities of member banks in leading cities | 272  |
275. Federal Reserve System: Number, capital and surplus, and total resources of member banks | 273  |
276. Federal Reserve System: Loans and investments of all member banks, by classes | 274  |
277. Federal Reserve System: Earnings, expenses, and dividends of all member banks | 275  |
278. All Reporting Banks: Number, resources, capital and surplus, and deposits | 276  |
279. All Reporting Banks: Principal resources and liabilities, by States, June 30, 1930 | 277  |
280. All Reporting Banks: Principal resources and liabilities by States, December 31 | 278  |
281. Banks: Number, resources, capital and surplus, and deposits in each class of banks | 279  |
282. National Banks: Principal resources and liabilities, June 30, 1855 to 1930 | 280  |
283. National Banks: Principal resources and liabilities, December 31, 1914 to 1930 | 281  |
284. National Banks: Number and total resources, by States             | 282  |
285. National Banks: Principal resources and liabilities, by States    | 283  |
286. National Banks: Loans and discounts, by reserve cities and States | 284  |
287. National Banks: Classification of loans and discounts              | 285  |
288. National Banks: Securities owned, by classes                      | 286  |
289. National Banks: Dividends and net addition to profits, with ratios | 287  |
290. Banks Other Than National: Resources and liabilities, 1910 to 1930 | 288  |
291. Savings and Other Time Deposits and Depositors in Banks and Trust Companies | 289  |
292. Savings and Other Time Deposits and Depositors in Banks and Trust Companies: By States | 290  |
293. Savings Banks: Number of depositors and amount of savings deposits, 1836 to 1860 | 291  |
294. Mutual Savings Banks: Number of depositors and amount of deposits, by States | 292  |
295. Postal Savings: Summary of business since the establishment of the system | 293  |
296. Postal Savings: Summary of business, by States                   | 294  |
297. Building and Loan Associations: Number, membership, and assets, totals and by States | 295  |
298. Certain Major Items of Savings of the United States                | 296  |
299. Federal and Joint-stock Land Banks: Mortgage loans outstanding    | 297  |
300. Federal Land Banks: Loans of each bank, by States                 | 298  |
301. Federal Land Banks: Purposes of loans submitted since organization, by districts | 299  |
302. National Farm Loan Associations: Loans made since organization, by States | 300  |
303. Federal Land Banks: Principal assets and liabilities              | 301  |
304. Joint-stock Land Banks: Loans, by States                         | 302  |
305. Joint-stock Land Banks: Purpose of loans submitted since organization, by States | 303  |
306. Joint-stock Land Banks: Principal assets and liabilities         | 304  |
307. Federal Intermediate Credit Banks: Principal assets and liabilities | 305  |
308. Federal Intermediate Credit Banks: Loans, by commodities, and discounts, by type of discounting institution and by purpose | 306  |
310. Clearing House Exchanges: By cities                              | 308  |
311. Debts to Individual Accounts in 141 Principal Cities: By districts and by months | 309  |
312. Debts to Individual Accounts in Each of 141 Principal Cities      | 310  |
313. Banks Suspended and Reopened, 1921 to 1930                        | 311  |
## CONTENTS

<table>
<thead>
<tr>
<th>VIII</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Table</strong></td>
<td></td>
</tr>
<tr>
<td>244. Banks Suspended and Reopened by States</td>
<td>293</td>
</tr>
<tr>
<td>245. National Wealth, Estimates: Total, 1800 to 1922, and by classes, 1800 to 1922</td>
<td>295</td>
</tr>
<tr>
<td>246. Wealth: Estimated value of tangible property in each State, by classes</td>
<td>296</td>
</tr>
<tr>
<td>247. Wealth: Estimated value of all tangible property in each State, total and per capita</td>
<td>298</td>
</tr>
</tbody>
</table>

### 12. WEALTH

| 298. Exchange Rates in New York for Cable Transfers on Principal Financial Centers | 299 |
| 299. Exchange Rates in New York for Cable Transfers on Principal Financial Centers: By months | 300 |
| 300. Interest Rates: Call money, time loans, and acceptances, New York, by quarters or months | 302 |
| 301. Interest Rates: Call money, time loans and acceptances, New York, by weeks | 303 |
| 302. Fire and Marine Insurance Business: Major statistical items | 304 |
| 303. Fire Insurance: Outstanding risks, 1877 to 1929 | 305 |
| 304. Fire and Lightning Insurance Business: Detailed statistics, 1920 to 1929 | 305 |
| 305. Floods: In each city of 100,000 or more inhabitants | 306 |
| 306. Flood Losses: Estimated United States total and total for reporting cities | 307 |
| 307. Life Insurance: Operations of all companies of the United States since organization | 307 |
| 308. Life Insurance: Summary of financial condition and policy account | 308 |
| 309. Life Insurance: Detailed financial condition and business transacted | 308 |
| 310. Life Insurance: Ordinary and industrial insurance written, by States | 310 |
| 311. Life Insurance: Ordinary and industrial insurance in force, by States | 311 |
| 312. Life Insurance: Summary of financial condition and policy accounts of companies reporting to New York insurance department, 1890 to 1929 | 312 |
| 313. Life Insurance Issued and Terminated: With mode of termination | 313 |
| 314. Life Insurance Issued and Terminated Annually by Surrender, Lapse, and Decrease | 313 |
| 315. Life Insurance of Fraternal Orders | 314 |
| 316. Mutual Accident and Sick Benefit Associations: Financial condition and business | 315 |
| 317. Casualty, Surety, and Miscellaneous Insurances: Financial condition and business | 315 |
| 318. Casualty, Surety, and Miscellaneous Insurance Companies: Premiums and losses, by classes | 316 |
| 319. Dividend and Interest Payments: Corporate and governmental | 315 |
| 320. Net Profits of Corporations | 317 |
| 321. Capital Issues: Summary, by classes | 317 |
| 322. Capital Issues: Corporate, foreign government, farm loan, and State and municipal | 318 |
| 323. Brokers' Loans Outstanding | 319 |
| 324. New York Stock Exchange Transactions | 319 |
| 325. Price Movements of Stocks and Bonds of the New York Stock Exchange | 319 |
| 326. Indexes of Value of Sales of Department Stores: By months and by districts | 320 |
| 327. Indexes of Value of Sales of Mail-Order Houses and Chain Stores | 320 |
| 328. Wholesale Trade: Summary of all wholesale distributors and of wholesalers only, by States | 321 |
| 329. Retail Trade: Summary for the United States, by kind of business | 322 |
| 330. Retail Trade: Number of stores and net sales by States | 322 |
| 331. Retail Trade: Summary for each city of 100,000 or more inhabitants | 322 |
| 332. Commercial Failures: Annually since 1897 and monthly from 1920 to 1930 | 320 |
| 333. Commercial Failures: Aggregates, by States | 330 |
| 334. Commercial Failures, by General Classes of Business, by States | 331 |
| 335. Commercial Failures, by Specific Branches of Business, and Bank Failures | 332 |

### 14. PRICES

| 336. Wholesale, Retail, and Farm Prices: Index numbers, monthly | 333 |
| 337. Wholesale Prices by Commodity Groups: Index numbers | 334 |
| 338. Wholesale Prices: Index numbers, 1860 to 1889 | 335 |
| 339. Wholesale Prices by Commodity Subgroups: Index numbers | 336 |
| 340. Wholesale Prices of Leading Commodities | 336 |
| 341. Wholesale Price Indexes, Bradstreet's, Dun's, and Bureau of Labor Statistics | 339 |
| 342. Cost of Living in the United States: Index numbers, by groups | 339 |
| 343. Cost of Living in Principal Cities: Index numbers | 340 |
| 344. Index Numbers of the Retail Price of Food and Purchasing Power of the Dollar | 341 |
| 345. Retail Food Price Index Numbers for 39 Individual Cities | 341 |
| 346. Retail Prices of Principal Individual Articles of Food: Actual and relative | 342 |
| 347. Annual Average Unit Values of Important Articles Exported | 345 |
| 348. Annual Average Unit Values of Important Articles Imported | 344 |

### 15. WAGES, HOURS OF LABOR, AND EMPLOYMENT

| 349. Index Numbers of Wages per Hour | 347 |
| 350. Index Numbers of Wages per Hour, Cost of Living, and Real Wages | 347 |
| 351. Wages and Hours of Labor in Specified Manufacturing Industries | 348 |
| 352. Wages and Hours of Labor in the Petroleum Industry | 352 |
16. POSTAL SERVICE

373. Statistical Summary of the Postal Service: 1800 to 1930...
374. Revenues, Postal Service: By principal items...
375. Postal Money-order Business...
376. Expenditures, Postal Service: By principal items...
377. Transportation of Domestic Mails, and Number and Salaries of Railway Mail Employees...
378. City and Rural Free Delivery and Star Route Service...
379. Postage, Volume of transactions in stamped paper and of mail carried, by classes...
380. Gross Receipts, Cost of City Delivery Service and of Clerk Hire at Post Office...
381. Postal Service: Number of offices, mileage of rural free delivery, and gross receipts, by States...
382. Money Orders Issued and Paid, by States...

17. TELEPHONE, TELEGRAPH, AND CABLE SYSTEMS

383. Telephone Systems: Equipment, traffic, employees, wages, revenue, and investment...
384. Telephone Systems: Miles of wire and number of calls and telephones, by States...
385. Telegraph Systems: Number of telephones and miles of wire, 1895 to 1930...
386. American Telephone & Telegraph Co. and Associated Companies: Summary of Statistics...
387. Telephone Systems: Reports to Interstate Commerce Commission...
388. Wireless Telegraph Systems: Summary of statistics...
389. Telegraph and Cable Systems: Reports to the Interstate Commerce Commission...
390. Land and Ocean-cable Telegraph Systems Combined: Financial statistics...
391. Land and Ocean-cable Telegraph Systems: Financial statistics...
392. Land and Ocean-cable Telegraph Systems Combined: Equipment, traffic, employees, and wages...
393. Land and Ocean-cable Telegraph Systems: Equipment, traffic, employees, and wages...
394. Western Union Telegraph Co.: Mileage of lines and wires, number of offices, and finances...

18. POWER—ELECTRIC AND OTHER

395. Annual Supply of Energy from Mineral Fuels and Water Power in the United States...
396. Electricity Produced and Consumption of Fuel by Public Utility Power Plants...
397. Production of Electric Power by Public Utility Power Plants, by States...
398. Central Electric Stations: Summary of statistics for all stations combined...
399. Central Electric Stations: Summary of statistics for commercial and municipal stations...
400. Central Electric Stations: Statistics of commercial and municipal stations, by States...
401. Central Electric Stations: Financial statistics...
402. Proportion of "Electrification" of Factory Power Equipment...
403. Retail Prices of Electricity for Household Use in Principal Cities...
404. Developed and Potential Water Power of the United States...

19. PUBLIC ROADS AND MOTOR VEHICLES

405. Rural Highways: Summary of statistics, 1891 to 1929...
406. Rural Highways: Mileage December 31, 1914 to 1929, by States...
407. Rural Highways: Mileage December 31, 1929, and construction, 1927 to 1929, by States...
408. State Highway Systems: Mileage December 31, 1929, by States...
409. State Highway Systems: Construction during 1928 and 1929, by States...
CONTENTS

Table
410. Rural Highways: Expenditures under State departments, by States.................. 398
411. Rural Highways: Total State and local expenditures, by States.................. 399
412. Rural Highways: Funds available for State and local governments................. 400
413. Rural Highways: Distribution of expenditures, State and local governments, by States 401
414. Highway construction under Federal aid: Status as of December 31, 1930........ 402
415. Production and Registration of Motor Vehicles: 1900 to 1930.................... 403
416. Production of Open and Closed Cars: By price groups............................ 403
417. Production of Motor Vehicles: By months........................................... 404
418. State Gasoline Taxes: Gross receipts and tax...................................... 404
419. Motor Vehicle Registration: By States............................................. 405
420. Registrations of and Revenues from Motor Vehicles: By States.................... 406
421. Automobile Fatalities: Number and death rate in entire registration area, 1911 to 1926 407
422. Automobile Fatalities: Number and death rate in registration States and cities... 408

20. STEAM AND ELECTRIC RAILWAYS AND EXPRESS COMPANIES

423. Railway Mileage Owned and Mileage Operated: By classes of track, 1890 to 1929........ 411
424. Railway Mileage Owned: By States.................................................. 412
425. Railway Mileage Owned and Operated: Total, 1842 to 1929........................ 413
426. Mileage Operated and Equipment: By districts.................................... 413
427. Mileage of Road and Tracks Operated: By districts................................ 414
428. Railway Equipment Installed and Retired from Service............................ 414
429. Railway Equipment in Service, All Reporting Companies........................... 415
430. Classification of Railway Cars in Service.......................................... 415
431. Freight-Car Performance and Equipment Condition: By months...................... 416
432. Receiverships of Railways............................................................... 416
433. Railway Employees: Number and compensation...................................... 417
434. Railway Employees: Number and compensation, by districts and classes........ 417
435. Capitalization of Railroads............................................................... 420
436. Railway Stock Outstanding, Dividends, and Interest................................ 420
437. Railway Securities Outstanding: By districts and classes of securities........ 421
438. Property Investment, Income, interest, and Dividends: Operating railroads..... 421
439. Freight Traffic: Train and car movement........................................... 422
440. Freight Traffic: Tonnage and revenue............................................... 423
441. Revenue and Traffic Statistics: By years and months.............................. 424
442. Passenger Traffic: Passengers carried and passenger revenue.................... 425
443. Revenue, Expenses, and Income of Operating Companies with Averages Per Mile of Line 426
444. Freight Traffic: Tonnage and revenue, 1890 to 1900................................ 427
445. Revenues and Expenses of Operating Companies, 1890 to 1900..................... 427
446. Operating Revenues and Expenses of all Classes of Railways..................... 427
447. Income Account: Totals, and by districts.......................................... 428
448. Taxes and Special Assessments on Railways: By States............................. 429
449. Principal Railway Companies: Mileage, traffic, revenues, and expenses of each company 430
450. Revenue Freight Carried: By commodity groups.................................... 432
451. Revenue Freight Carried: By principal commodities................................ 433
452. Car Loadings: All commodities and commodity groups, by months................ 450
453. Steam Railway Accidents, by Causes.................................................. 457
454. Persons Killed and Injured in Railway Accidents................................... 458
455. Consumption of fuel, and Replacements of Rails and Ties.......................... 458
456. Express Companies: Income account.................................................... 459
457. The Pullman Co.: Abstract of operations............................................ 459
458. The Alaska Railroad: Passenger and freight service................................ 460
459. Electric Railways: Summary of operations.......................................... 460
460. Electric Railways: Mileage, equipment, output of electricity, traffic, employees, and wages 441
461. Electric Railways: Mileage, traffic, and revenue, by States...................... 442
462. Electric Railways: Mileage and cars and busses operated, by States............. 444
463. Electric Railways: Income account of operating companies........................ 445
464. Electric Railways: Receiverships....................................................... 445
465. Electric Railways: Comparative statistics of elevated and subway lines........ 446
466. Electric Railways: Mileage of elevated and subway track, by States............ 446
467. Electric Railways: Finances of elevated and subway lines........................ 447
468. Electric Railways: Summary of motor-bus lines.................................... 447

21. WATERWAYS, WATER-BORNE COMMERCE, AND OCEAN SHIPPING

469. Cargo Tonnage of Water-borne Commerce of the United States: Aggregates......... 449
470. Commerce of Principal United States Ocean Ports.................................. 450
471. Great Lakes: Commerce of the principal ports..................................... 450
## CONTENTS

<table>
<thead>
<tr>
<th>Table</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>472. Commerce of the Principal Rivers, Canals, and Connecting Channels</td>
<td>451</td>
</tr>
<tr>
<td>474. New York State Canals: Tonnage of freight moved</td>
<td>454</td>
</tr>
<tr>
<td>475. Principal Commodities Carried on the Ohio River</td>
<td>454</td>
</tr>
<tr>
<td>476. Ohio River Traffic: Tonnage, ton-miles, and value of freight</td>
<td>455</td>
</tr>
<tr>
<td>477. Lower Mississippi River Traffic: Freight, by sections</td>
<td>455</td>
</tr>
<tr>
<td>478. Merchant Marine: Number and tonnage of vessels, by class and utilization, 1789 to 1930, and by location, power, and material, 1910 to 1930</td>
<td>456</td>
</tr>
<tr>
<td>479. Merchant Marine: Number and tonnage of larger seagoing vessels, by classes and size</td>
<td>457</td>
</tr>
<tr>
<td>480. Shipbuilding: Number and tonnage of vessels built, 1767 to 1930</td>
<td>457</td>
</tr>
<tr>
<td>481. Shipbuilding: Number and tonnage of vessels built, by class and section where built</td>
<td>458</td>
</tr>
<tr>
<td>482. Merchant Vessels Launched: World total and United States</td>
<td>458</td>
</tr>
<tr>
<td>483. Merchant Marine of the World and the United States</td>
<td>459</td>
</tr>
<tr>
<td>484. Panama Canal: Expenses and revenues</td>
<td>459</td>
</tr>
<tr>
<td>485. Commercial Traffic Through the Panama Canal: By nationality of vessel</td>
<td>460</td>
</tr>
<tr>
<td>486. Commercial Traffic Through the Panama Canal: Summary, by direction</td>
<td>460</td>
</tr>
<tr>
<td>487. Cargo Tonnage Through the Panama Canal: By origin and destination</td>
<td>461</td>
</tr>
<tr>
<td>488. Lives Lost by Accident at Sea: By causes</td>
<td>461</td>
</tr>
<tr>
<td>489. United States Coast Guard: Abstract of work performed and expenditures</td>
<td>461</td>
</tr>
<tr>
<td>490. Marine Wrecks and Casualties Occurring to Vessels of the United States</td>
<td>462</td>
</tr>
<tr>
<td>491. Shipping Board and Shipping Board Merchant Fleet Corporation: Net appropriations and allotments from inception to July 1, 1890</td>
<td>462</td>
</tr>
<tr>
<td>492. Vessels Controlled by Shipping Board Merchant Fleet Corporation</td>
<td>463</td>
</tr>
<tr>
<td>493. Shipping Board Vessels sold</td>
<td>463</td>
</tr>
<tr>
<td>494. Shipping Board and Shipping Board Merchant Fleet Corporation: Profit and loss, 1920</td>
<td>464</td>
</tr>
<tr>
<td>495. Tonnage of Water-borne Commerce, Including Foreign and Intercostal Traffic and Commerce of Noncontiguous Territories</td>
<td>464</td>
</tr>
<tr>
<td>496. Tonnage of Water-borne Imports and Exports: By coastal districts and flag of carrier vessel</td>
<td>465</td>
</tr>
<tr>
<td>497. Tonnage of Water-borne Imports and Exports: By foreign-trade regions, by flag of carrier vessels, and United States coastal districts</td>
<td>466</td>
</tr>
<tr>
<td>498. Tonnage of Water-borne Imports and Exports: By individual countries</td>
<td>467</td>
</tr>
<tr>
<td>499. Tonnage of Water-borne Imports and Exports: By States and ports</td>
<td>469</td>
</tr>
<tr>
<td>500. Tonnage of Water-borne Imports and Exports: By major commodities and coastal districts</td>
<td>471</td>
</tr>
<tr>
<td>501. Vessels Entered and Cleared: 1840 to 1930</td>
<td>472</td>
</tr>
<tr>
<td>502. Vessels Entered and Cleared: By customs districts and groups of ports</td>
<td>473</td>
</tr>
<tr>
<td>503. Vessels Entered at all Ports, Seaports, and Northern Border Ports: By classes</td>
<td>474</td>
</tr>
<tr>
<td>504. Vessels Cleared at all Ports, Seaports, and Northern Border Ports: By classes</td>
<td>475</td>
</tr>
<tr>
<td>505. Vessels Entered and Cleared at Seaports: By countries of origin and destination</td>
<td>476</td>
</tr>
<tr>
<td>506. Vessels Entered and Cleared at Seaports: By nationality of vessel</td>
<td>477</td>
</tr>
<tr>
<td>507. Exports and Imports of Merchandise: By method of carriage, 1830 to 1930</td>
<td>478</td>
</tr>
<tr>
<td>508. Exports and Imports of Merchandise: By method of carriage and nationality of vessel</td>
<td>479</td>
</tr>
</tbody>
</table>

## 22. FOREIGN COMMERCE

<table>
<thead>
<tr>
<th>Table</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>509. Summary of Foreign Trade: 1911 to 1930</td>
<td>481</td>
</tr>
<tr>
<td>510. Merchandise Trade of Continental United States with Foreign Countries and with Outlying Territories and Possessions</td>
<td>482</td>
</tr>
<tr>
<td>511. Production of Exportable Goods and Proportion Exported</td>
<td>483</td>
</tr>
<tr>
<td>512. Exports of Manufactured Goods in Relation to Total Production</td>
<td>483</td>
</tr>
<tr>
<td>513. Indexes of Changes in Quantity, Price, and Value of Imports and Exports</td>
<td>484</td>
</tr>
<tr>
<td>514. Exports and Imports of Gold and Silver: By months</td>
<td>484</td>
</tr>
<tr>
<td>515. Gold under Earmark for Foreign Account in the United States</td>
<td>485</td>
</tr>
<tr>
<td>516. Exports and Imports of Merchandise: By months</td>
<td>486</td>
</tr>
<tr>
<td>517. Estimated Balance of International Payments of the United States</td>
<td>487</td>
</tr>
<tr>
<td>518. Exports and Imports of Merchandise with Trade Balances: 1791 to 1830</td>
<td>488</td>
</tr>
<tr>
<td>519. Exports and Imports of Gold, Silver, and Merchandise, with Balances: 1821 to 1930</td>
<td>489</td>
</tr>
<tr>
<td>520. Supplement to Tables 518 and 519: Calendar years 1901 to 1915 and fiscal years 1916 to 1930</td>
<td>490</td>
</tr>
<tr>
<td>521. Merchandise Exports and Imports with Trade Balances: Individual years, 1790 to 1885</td>
<td>491</td>
</tr>
<tr>
<td>522. Per Capita Exports and Imports: 1791 to 1930</td>
<td>491</td>
</tr>
<tr>
<td>523. Imports Entered for Consumption and Duties Thereon: 1821 to 1930</td>
<td>492</td>
</tr>
<tr>
<td>524. Percentage Distribution of Exports and Imports: By economic classes, 1821 to 1930</td>
<td>493</td>
</tr>
<tr>
<td>525. Exports and Imports of Merchandise: By economic classes, 1821 to 1930</td>
<td>494</td>
</tr>
<tr>
<td>526. Imports, Free and Dutiable, and Per Cent Free: By economic classes, 1821 to 1930</td>
<td>495</td>
</tr>
<tr>
<td>527. Supplement to Tables 526 and 528: Free and dutiable imports adjusted for values of wheat and wool classified as dutiable but entered free</td>
<td>496</td>
</tr>
<tr>
<td>528. Percentage Distribution of Exports and Imports: By continents, 1821 to 1930</td>
<td>499</td>
</tr>
<tr>
<td>529. Exports and Imports Distributed by Continents: 1821 to 1930</td>
<td>500</td>
</tr>
</tbody>
</table>
23. COMMERCE OF NONCONTIGUOUS TERRITORY

552. Imports and Exports of Merchandise into and from Alaska: Total values
553. Imports and Exports of Merchandise into and from Porto Rico: Total values
554. Imports and Exports of Merchandise into and from Hawaii: Total values
555. Imports and Exports of Merchandise into and from the Philippine Islands: Total values
556. Imports and Exports of Merchandise into and from American Samoa: Total values
557. Imports and Exports of Merchandise into and from the Virgin Islands: Total values
558. Imports and Exports of Merchandise into and from Guam: Total values
559. Shipments of Principal Products to the United States from Alaska, Hawaii, Porto Rico, and the Philippine Islands: Quantities and values
560. Shipments of Principal Articles from the United States to Alaska, Hawaii, Porto Rico, and the Philippine Islands

24. IRRIGATION AND DRAINAGE

561. Government Irrigation Projects: Consolidated financial statement
562. Government Irrigation Projects: Construction cost, other reimbursable cost, and amount to be repaid by water users to June 30, 1930
563. Government Irrigation Projects: Operation and maintenance cost and returns during 1929
564. Government Irrigation Projects: Operation and maintenance cost and returns to Dec. 31, 1929
565. Government Irrigation Projects: Voucher transactions, all funds, and net investment
566. Government Irrigation: Acreage and value of crops, by projects
567. Government Irrigation: Acreage and volume of all crops, 1916 to 1930 and acreage, production, and value of specified crops, 1929 and 1930
568. Government Irrigation: Summary of construction work
569. Irrigation—All Projects: Summary for the United States
570. Irrigation—All Projects: Area and capital invested, by character of enterprise
571. Irrigation—All Projects: Area and capital invested, by drainage basins
572. Irrigation: Area, capital invested, final cost, and cost of operation and maintenance, by States
573. Irrigation: Acreage, yield, and value of crops grown on irrigated lands
574. Irrigation: Acreage and value of crops grown on irrigated lands, by States
575. Drainage of Farm Lands and Drainage Enterprises in the United States
576. Drainage Enterprises: Land in enterprises and capital invested, by character of organization
577. Drainage Enterprises: Land in enterprises and capital invested by date of organization
578. Drainage Enterprises: By States

25. FARMS—GENERAL STATISTICS

579. Population, Farms, and Farm Property: 1850, and 1890 to 1930
580. Farm Population and Total Population: By States
581. Classification of Farm Lands: By States
582. Number and Acreage of Farms: By States
CONTENTS

Table

683. Value of Farm Property: By classes and by States

684. Average Values per Farm and per Acre: By States

685. Number of Farms by Size: Totals, 1900 to 1930, and by States, 1930

686. Number and Acreage of Farms: By size for each division

687. Number of Farms: By size of farm, and by tenure and color of owner

688. Acreage of Farm Land: By size of farm and by tenure and color of farmer

689. Number of Farms by Tenure: By States

690. Farm Acreage, Total and Crop Land Harvested, by Tenure: By States

691. Percentage of Farms and Farm Land Operated by Tenants: By States

692. Number and Acreage of Farms: By size of operator and by States

693. Number of Farms in the South: By color and tenure of operator

694. Acreage of Farms in the South: By color and tenure of operator

695. Number and Acreage of Farms: By color, nativity, and tenure of operator and by geographic divisions and regions

696. Value of Farm Property: Farms operated by owners and tenants, by geographic divisions

697. Mortgage Status of Farms Owned by the Operator

698. Farms Owned Wholly by the Operator and Reporting Mortgage Debt: Number, value, and mortgage debt, by size of farm

699. Mortgage Status of Farms: By States

700. Mortgage Debt of Farms: By States

701. Farm Expenditures for Labor, Fertilizer, and Feed: By States

702. Number of Farms: By kind of road on which located and distance from nearest market town

703. Average Farm Wage Rates and Index Numbers of Farm Wages

704. Fertilizer Sales by States

705. Cooperative Marketing and Purchasing through Farmers' Organizations: By divisions

706. Cooperative Marketing and Purchasing through Farmers' Organizations: By States

707. Farmers' Business Associations: Number of associations and estimated membership and business

708. Farms Reporting Motor Vehicles, Telephones, Water, and Light: By States

709. Farms Reporting Tractors and Radios: By States

710. Number of Tractors on Farms: By States

26. FARM PRODUCTS—VALUE, PRICES, AND FOREIGN TRADE

669. Indexes of Net Value of Agricultural Production

670. Estimated Total Value of Farm Products: 1897 to 1928

671. Estimated Gross Income from Farm Production: By groups of commodities

672. Estimated Farm Value of Products and Gross and Cash Income: By classes of products

673. Estimated Gross and Cash Income from Farm Production: By States

674. Index Numbers of Farm and Wholesale Prices of Agricultural Products: By groups

675. Index Numbers of Prices Received and Paid by Farmers and of Wholesale Prices

676. Foreign Trade in Agricultural and Forest Products: 1857 to 1930

677. Agricultural Exports: Value by major groups, 1910 to 1930

678. Agricultural Exports: Value by principal products or groups, 1910 to 1930

679. Agricultural Export Indexes: Quantity and value

680. Agricultural Export Indexes: By groups of products

27. FARM ANIMALS AND ANIMAL PRODUCTS

677. Domestic Animals: Number and value of animals on farms, 1880 to 1931

678. Domestic Animals: Number on farms and not on farms, and value of those on farms

679. Domestic Animals: Number on farms, by States

680. Domestic Animals on Farms: By age and sex

681. Domestic Animals on Farms: Number, averages, and ratios

682. Domestic Animals: Receipts and shipments, principal stockyards and all stockyards

683. Domestic Animals: Receipts and shipments at nine principal stockyards combined

684. Domestic Animals: Receipts and stocker and feeder shipments at all public stockyards

685. Domestic Animals: Receipts at all public stockyards by months

686. Domestic Animals: Average farm price and average Chicago market price

687. Domestic Animals: Monthly average prices of typical grades at Chicago

688. Wholesale Prices of Meats and Animal Products (actual and index numbers)

689. Average Farm Prices of Animals and Animal Products

690. Meats: Production, exports, imports, and estimated consumption, and number of animals slaughtered under Federal inspection

691. Livestock Products of Farms: Summary of census statistics

692. Cheese: Census statistics of production in the United States, and in leading States

693. Milk Produced and Sold, and Butter Made: Census statistics, by States

694. Manufactured Dairy Products: Production by detailed classes
28. FARM CROPS AND FOODSTUFFS

655. Index Numbers of Mass of Crop Production: 1899 to 1909. 697
656. Index Numbers of All Crop Yields: By geographic divisions, 1913 to 1939. 697
657. Average Value Per Acre of 10 Leading Crops Combined: 1871 to 1939. 697
658. Production of Principal Agricultural Commodities: 1890 to 1939. 698
659. Crop Values: Comparative statement showing change in value of crops between 1919 and 1924, resulting (1) from change in production and (2) from lower prices. 699
660. Percentage of Improved Land and of Total Crop Acreage Occupied by Principal Crops. 700
661. Acreage, Production, and Value of Individual Crops: Census returns, 1890 to 1924. 700
662. Estimated Acreage of 51 Crops and Value of 75 Crops: By States. 702
663. Acreage, Production, and Value of Principal Crops: 1866 to 1930. 703
664. Truck Crops: Commercial acreage and production. 708
665. Cotton and Cottonseed: Area, production, and farm value, by States. 700
666. Corn: Area, production, and farm value, by States. 712
667. Wheat: Area, production, and farm value, by States. 714
668. Oats: Area, production, and farm value, by States. 715
669. Barley: Area, production, and farm value, by States. 718
670. Rye and Rice: Area, production, and farm value, by States. 720
671. Potatoes: Area, production, and farm value, by States. 722
672. Sweetpotatoes and Tobacco: Area, production, and farm value, by States. 724
673. Tame Hay: Area, production, and farm value, by States. 726
674. Wild Hay: Area, production, and farm value, by States. 727
675. Minor Crops: Area, production, and farm value for principal producing States. 728
676. Orchard Crops (apples, peaches, pears): Production, total and in leading States. 730
677. Orchard Crops (apples, peaches, pears): Production, 1901 to 1930. 730
678. Orchard Crops (apples, peaches, pears): Farm prices per bushel, by States. 730
679. Sugar: Production of the United States and certain outlying areas, and of the world. 731
680. Sugar: Production of United States, trade, and apparent consumption. 731
681. Sugar: Percentages relating to consumption in continental United States. 732
682. Sugar: Wholesale prices of raw and refined, New York. 732
683. Sugar Beets and Beet Sugar: Production, totals, and by States. 733
684. Louisiana Sugarcane, Cane Sugar, and Molasses. 734
685. Hawaiian Cane and Cane Sugar. 734
686. Maple Sugar and Sirup: Production, totals, and by States. 735
687. Sugarcane and Sirup in Southern States: Production, totals, and by States. 735
688. Cottonseed and Cottonseed Products: Production, value, and exports. 736
689. Cotton: Production, consumption, exports, imports, and prices. 737
690. Cotton Exports to Principal Countries: 1866 to 1930. 738
691. Coffee: Imports, reexports, net imports per capita, and average import price per pound. 739
692. Ten: Net imports and per capita imports. 739
693. Cocoa and Chocolate: Imports. 739
694. Silk and Silk Manufactures: Foreign trade. 739
695. Crude Rubber: World production, United States imports, exports, consumption, and prices. 740
696. Wheat: Acreage and production. 740
697. Wheat: Supply and distribution and disappearance for food, etc. 741
698. Visible Supply of Grain (wheat, corn, oats): By months. 741
699. Exports (excl. reexports) and Total Imports of Wheat, Corn, Rice, Tobacco, and Flaxseed. 742
700. Yearly Weighted Average Farm Prices of Specified Crops: By crop years. 743
701. Grain Prices: Weighted average market price per bushel of reported cash sales. 744
702. Grain Receipts at Six Atlantic Seaboard Ports. 744
703. Grain Receipts (wheat, corn, oats) at Primary Markets: By crop years. 745
704. Wheat Freight Rates: Chicago to New York. 745
29. FORESTS AND FOREST PRODUCTS

709. Forests: Original and present area, and stand of saw timber and annual growth........ 749
710. Stand of Saw Timber (estimated): By species and regions............................. 750
711. National Forests: Area and amount of standing timber of forests, in each state........ 750
712. National Forests: Area of each forest.................................................... 751
713. Forest Lands Acquired or Approved for Purchase under Weeks Law: By States......... 752
714. National Forests: Summary of operations................................................ 752
715. Forest Fires: Number, area, and damage, protected and unprotected areas........... 753
716. Forest Fires: Number, area, and damage by cause, protected areas.................. 753
717. Forest Fires: Areas burned and damage, protected areas only........................ 753
718. Estimated Quantity of Timber Removed Annually from Forests........................ 754
719. Lumber: Production, totals, and by species, and average value......................... 755
720. Lumber: Average mill value, by species................................................. 757
721. Veneers: Timber consumed in manufacturing, by States, and by kinds of wood........ 757
722. Lath and Shingles: Production, totals, and by States.................................. 758
723. Cooperage Stock: Production, by States and kind of wood................................ 758
724. Pulpwood: Consumption by mills, and mill cost........................................ 759
725. Wood Pulp Production: Totals, and by States and processes............................ 759
726. Paper and Wood Pulp: Census statistics of production.................................. 760
727. Turpentine and Rosin Production: Totals, and by States.................................. 760

30. FISHERIES

728. Quantity and Value of the Products of the Fisheries of Specified Sections............. 761
729. Summary of the Fisheries of the United States and Alaska............................. 763
730. Fishery Products Landed at Seattle, Wash., by American Vessels....................... 763
731. Fishery Products Landed at Boston and Gloucester, Mass., and Portland, Me........ 764
732. Cannery Fishery Products of the United States and Alaska............................. 764
733. Cannery Salmon Output, United States and Alaska...................................... 765
734. Alaska Fisheries: Quantity and value of products...................................... 766
735. Cannery Salmon: Output and prices of Alaska product, by species............. 766
736. Fish Propagation: Output of fish eggs, fry and fingerlings, by Bureau of Fisheries 766

31. MINING AND MINERAL PRODUCTS

737. Total Value of Mineral Products of the United States: 1881 to 1930.................. 767
738. Average Prices of Principal Nonferrous Metals........................................ 767
739. Mines and Quarries, Producing and Nonproducing: Census statistics.................. 768
740. Producing Mines and Quarries: Census statistics...................................... 768
741. Producing Mines and Quarries: Size of enterprises, all industries and principal industries.................. 769
742. Mines and Quarries: Hours of labor..................................................... 769
743. Producing Mines and Quarries: Census statistics, by industries...................... 770
744. Producing Mines and Quarries: Census statistics, by States.......................... 771
745. Principal Mineral Products: Quantities and values..................................... 772
746. Tin Production by States................................................................. 775
747. Principal Mineral Products of Each State in Order of Value in 1928.................. 776
748. Iron Ores: Production, shipments, exports, and imports................................ 776
749. Analysis of Pig Iron and Ferro-alloy Production: By States, disposition, kinds, etc. 777
750. Pig Iron: Production, 1810 to 1906...................................................... 777
751. Production, Exports, and Imports of Pig Iron, and Production of Steel Ingots and Castings................................................................. 778
752. Rolled and Miscellaneous Steel Products: Production.................................. 778
753. Iron and Steel: Production, exports, and imports of finished rolled products.... 779
754. Iron and Steel: Census statistics of products........................................... 780
755. Steel Ingots and Castings: Production, by grades..................................... 782
756. Blast Furnaces, Steelworks, and Rolling Mills: Census statistics.................... 782
757. Aggregate Exports of Heavy Iron and Steel............................................. 782
758. Iron and Steel: Exports, by specified classes.......................................... 783
759. Iron and Steel: Exports, by destination.................................................. 783
760. Iron and Steel: Average annual prices.................................................... 784
761. Aluminum and Bauxite: Production, exports, and imports............................. 784
762. Copper: Production, exports, imports, and consumption............................... 785
763. Copper: State of origin of ore smelted................................................... 785
764. Copper: Smelter output from domestic ores, 1850 to 1930............................. 788
Table of Contents

765. Copper: Exports and imports .................................................. 786
766. Lead: Production and value .................................................. 787
767. Sources of Primary Lead Smelted or Refined in the United States .... 787
768. Lead: Supply and distribution of refined primary lead ................. 788
769. Manufactures of Nonferrous Metals and Alloys ......................... 788
770. Zinc: Production, exports, stocks, and consumption ................. 789
771. Smelter Production of Primary Zinc from Domestic Ore .............. 789
772. Gold and Silver: Production, totals, 1792 to 1930, and by States, 1910 to 1930 .................................................. 790
773. Gold and Silver for Use in Manufactures and the Arts .............. 791
774. Silver: Price, ratio to gold, and value of silver in the dollar, 1833 to 1930 .................................................. 791
775. Coal: Anthracite and bituminous, total production, 1821 to 1930, and by States, 1900 to 1930 .................................................. 792
776. Coal: Exports and imports and bunker coal laden on vessels, 1821 to 1930 .................................................. 793
777. Coal: Shipments, coke made, value per ton, men employed, days worked, etc. .................................................. 793
778. Bituminous Coal: Consumption in the United States, by principal classes of consumers .................................................. 794
779. Coal: Average and relative retail prices .................................. 794
780. Coal: Retail price for household use in selected cities ............... 795
781. Labor Strikes in Coal Mines .................................................. 795
782. Coke: Production, exports, and imports .................................. 797
783. Coke: Production, by States .................................................. 797
784. Manufactured Gas Industry: Materials used and products ........... 798
785. Production, Purchase, and Sale of Gas ................................... 798
786. Average Net Price of Manufactured Gas ................................... 799
787. Retail Price of Gas in Principal Cities ................................... 799
788. Natural Gas and Natural Gasoline: Production, totals and by States .................................................. 800
789. Asphalt: Production, exports, and imports ................................ 800
790. Petroleum: Production of crude ............................................. 801
791. Petroleum: Production, exports, and imports, and bunker oil ....... 801
792. Petroleum: United States production, by regions and States, and world production .................................................. 802
793. Petroleum: Stocks of crude and refined oils ................................ 802
794. Petroleum: Supply and demand of crude and refined oils ............. 803
795. Petroleum Refining: Materials used and products ..................... 803
796. Petroleum Products: Oils run to stills, output, stocks, exports, and consumption .................................................. 804
797. Petroleum Products: Crude oil run to stills, and output of refineries, by regions .................................................. 804
798. Petroleum Pipe Lines: Mileage and financial statistics ............... 805
799. Petroleum: Prices of crude and refined products ....................... 805
800. Portland Cement: Production by States, shipments, stocks, exports, and imports .................................................. 806
801. Portland Cement: Shipments to each State ................................ 806
802. Cement: Production: Quantity, by kinds, and total value ............ 807
803. Stone: Production, by varieties and uses ................................ 807
804. Clay and Glass Products: Production by industries .................... 808
805. Production of Principal Burned-Clay Building Materials ............. 809
806. Salt: Total production, and by States and kinds ......................... 809
807. Accidents in all Mineral Industries and in the Several Branches .... 810
808. Fatal Accidents in Mines and Quarries: By causes ..................... 810
809. Accidents in Mines, Quarries, Metallurgical Works, and Coke Ovens .................................................. 811

32. MANUFACTURES

810. Manufactures: Summary 1849 to 1929 .................................... 813
811. Manufactures: Size of establishment as measured by value of products .................................................. 814
812. Manufactures: Prime movers, motors, and generators, number and rated capacity .................................................. 815
813. Manufactures: Summary by 16 general industrial groups ............. 816
814. Manufactures: Summary for individual industries ....................... 818
815. Manufactures in Cities Having 100,000 or More Inhabitants .......... 842
816. Manufactures: Summary for all industries combined, by States .... 845
817. Indexes of Production of Manufacturing and Mining Industry: By months .................................................. 850
818. Manufacturing Production: Indexes for groups of industries ........ 850
819. Textile Manufactures: Census statistics of production ................. 851
820. Boots and Shoes: Production .................................................. 853
821. Leather: Production by principal kinds ................................... 854
822. Rubber Manufacturing Industry: Census statistics of products ....... 854
823. Chemicals: Census statistics of products made for sale .............. 855
824. Natural Dyestuffs and Tanning Materials: Census statistics of production .................................................. 856
825. Miscellaneous Industries Involving Chemical Processes: Census statistics of production .................................................. 857
826. Printing and Publishing: Census statistics of products ............... 859
827. Engines, Water Turbines, and Locomotives: Census statistics of production .................................................. 859
828. Metal-working Machinery: Census statistics of production .......... 860
829. Machinery: Value of the principal classes of machines manufactured .................................................. 860
<table>
<thead>
<tr>
<th>Table</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>830. Electrical Machinery, Apparatus, and Supplies: Census statistics of production</td>
<td>862</td>
</tr>
<tr>
<td>831. Farm Equipment: Census statistics of production</td>
<td>863</td>
</tr>
<tr>
<td>832. Musical Instruments and Phonographs: Census statistics of production</td>
<td>864</td>
</tr>
<tr>
<td>833. Vehicles and Aircraft: Census statistics of production</td>
<td>865</td>
</tr>
<tr>
<td>834. Cotton Spindles and Cotton Consumption, 1846 to 1939, and Stocks, 1906 to 1939</td>
<td>866</td>
</tr>
<tr>
<td>835. Cotton Spindle Activity and Cotton Consumption: By years and months</td>
<td>867</td>
</tr>
<tr>
<td>836. Cotton Spindle Activity and Cotton Consumption: By sections and States</td>
<td>867</td>
</tr>
<tr>
<td>837. Explosives: Amounts manufactured and sold and purposes for which used</td>
<td>868</td>
</tr>
<tr>
<td>838. Explosives: Amounts manufactured in the United States and sold in each State</td>
<td>868</td>
</tr>
<tr>
<td>839. Fermented Liquors and Distilled Spirits: Production by kinds</td>
<td>869</td>
</tr>
<tr>
<td>840. Denatured Alcohol: Production and ethyl alcohol withdrawn for denaturation</td>
<td>869</td>
</tr>
<tr>
<td>841. Leaf Tobacco: Amounts consumed in manufacture</td>
<td>870</td>
</tr>
<tr>
<td>842. Manufactured Tobacco: Production, total 1961 to 1939, and by States, 1929</td>
<td>870</td>
</tr>
<tr>
<td>843. Consumption of Tobacco in the United States</td>
<td>870</td>
</tr>
<tr>
<td>844. Building Operations in Principal Cities: Permits issued and proposed cost</td>
<td>871</td>
</tr>
<tr>
<td>845. Building Permits Issued: Number and proposed cost, by class of building</td>
<td>874</td>
</tr>
<tr>
<td>846. Index Numbers of Building Material Prices and Construction Costs</td>
<td>874</td>
</tr>
<tr>
<td>847. Construction Contracts Awarded: Number, value of construction, and space covered</td>
<td>875</td>
</tr>
<tr>
<td>848. Construction Contracts Awarded: Floor space and value, by months and years</td>
<td>876</td>
</tr>
<tr>
<td>849. Construction Contracts Awarded: By territories</td>
<td>876</td>
</tr>
<tr>
<td>850. Construction Contracts Awarded: By classes and territories</td>
<td>877</td>
</tr>
<tr>
<td>851. Patents and Certificates of Registration Issued</td>
<td>878</td>
</tr>
<tr>
<td>Appendix</td>
<td>879</td>
</tr>
</tbody>
</table>