Appendix B

SOURCES OF PRODUCTION DATA

The issuing authority for several of the more familiar statistical handbooks is not stated, or else not stated fully, in the descriptive notes that follow on various of the individual series. The Yearbook of Agriculture, published under slightly varying titles, is issued by the Department of Agriculture. Merchant Marine Statistics is a publication of the Bureau of Navigation. The Annual Report on the Statistics of Railways in the United States (referred to below as Statistics of Railways) is a publication of the Interstate Commerce Commission. Mineral Resources of the United States (referred to below as Mineral Resources) was published by the Geological Survey through 1923, but has been published by the Bureau of Mines since then. The Statistical Abstract of the United States (referred to below as the Statistical Abstract) is now published by the Bureau of Foreign and Domestic Commerce, but was published by the Bureau of Statistics of the Department of Commerce and Labor from 1903 to 1911, and by the Bureau of Statistics of the Treasury Department in earlier years. The Annual Statistical Report on the iron and steel trade, now published by the American Iron and Steel Institute, was published prior to 1912 by the American Iron and Steel Association.

1. CONTINUOUS SERIES

The series covered in this section of the Appendix are those listed in Table 1 and tabulated in Table 44. Where page references are not given, the data are scattered through successive issues of the indicated source. Unless otherwise stated, the data refer to calendar years.

The following general statement will hold for the sources of all the series on net imports, except when otherwise stated below. These series are based on publications of the Bureau of Statistics of the Treasury Department, for the period January 1869 to June 1903; of the Bureau of Statistics of the Department of Commerce and Labor, for the period July 1903 to June 1912; and of the Bureau of Foreign and Domestic Commerce, for the period since July 1912. The titles of the publications are as follows: Monthly Report of the Chief of Bureau of Statistics, January 1869 to June 1875; Summary Statement of Imports and Exports, July 1875 to December 1894; Finance, Commerce and Navigation, January to December 1895; Monthly Summary of
APPENDIX B

Finance and Commerce, January 1896 to June 1898; Monthly Summary of Commerce and Finance, July 1898 to June 1914; Monthly Summary of Foreign Commerce, July 1914 on.

1. Barley
   
   **source:** Yearbook of Agriculture, 1927, pp. 799-800; ibid., 1932, p. 630.
   
   **comments:** Production. The figures used (including those for census years) are estimates of the Crop Reporting Board of the Department of Agriculture.

2. Beet sugar
   
   **source:** Yearbook of Agriculture, 1923, p. 845; ibid., 1932, p. 676.
   
   **comments:** Production, chiefly refined. Figures are for years beginning July 1. See Yearbook, 1923, p. 845, note.

3. Buckwheat
   
   **source:** Yearbook of Agriculture, 1927, pp. 825-6; ibid., 1932, p. 654.
   
   **comments:** Production. See (1).

4. Cane sugar
   
   **source:** Yearbook of Agriculture, 1923, p. 845; ibid., 1932, p. 676.
   
   **comments:** Production (chiefly raw) of Louisiana and other states. Figures are for years beginning July 1. See Yearbook, 1923, p. 845, note.

5. Corn
   
   **source:** Yearbook of Agriculture, 1927, pp. 774-5; ibid., 1933, p. 491.
   
   **comments:** Production. The figures relate to the grain equivalent on entire acreage. See (1).

6. Cotton
   
   
   **comments:** Production or commercial crop, including linters. Figures are expressed in units of 500-pound bales (gross weight). See Bulletin 166, p. 57.

7. Hay
   
   **source:** Yearbook of Agriculture, 1927, p. 927; ibid., 1933, p. 575.
   
   **comments:** Production, tame. See (1).
8. Molasses and sirup

source: *Statistical Abstract*, 1904, p. 354; *ibid.*, volumes through 1917; *Yearbook of Agriculture*, volumes for 1919–32.

Comments: Production of Louisiana cane molasses and United States sugar-cane sirup. Figures are estimates of Crop Reporting Board, for 1918–30.

9. Oats

source: *Yearbook of Agriculture*, 1927, pp. 788–9; *ibid.*, 1932, p. 620.

Comments: Production. See (1).

10. Potatoes

source: *Yearbook of Agriculture*, 1927, p. 881; *ibid.*, 1932, p. 728.

Comments: Production, excluding sweet potatoes. See (1).

11. Rice


Comments: Production or marketed production, rough. Estimates of Crop Reporting Board since 1904. Concerning earlier data, see Circular No. 34, pp. 3–4.

12. Rye

source: *Yearbook of Agriculture*, 1927, pp. 764–5; *ibid.*, 1932, p. 599.

Comments: Production. See (1).

13. Tobacco, raw

source: *Yearbook of Agriculture*, 1927, pp. 969–70; *ibid.*, 1933, p. 497.

Comments: Production. See (1).

14. Wheat


Comments: Production. The figures since 1910 (including those for census years) are estimates of the Crop Reporting Board. The figures for earlier years are estimates of the Food Research Institute; see *Wheat Studies*, Vol. II, No. 7.
15. Wool

**SOURCE:** *Yearbook of Agriculture, 1923*, pp. 1001–2; *ibid.*, 1932, p. 811.

**COMMENTS:** Production, shorn and pulled. See *Yearbook*, 1923, p. 1002, note to Table 546; and *ibid.*, 1932, p. 811, note to Table 565.

16. Raisins

**SOURCE:** California Cooperative Crop Reporting Service, *California Crop Report*, 1928, p. 40. The figure for 1929 was furnished by the California Cooperative Crop Reporting Service.

**COMMENTS:** California production. The series includes production from raisin varieties of grapes, plus dried grapes from wine or table varieties. See *Crop Report*, 1928, pp. 39–40.

17. Flaxseed

**SOURCE:** *Statistical Abstract, 1904*, p. 391; *Yearbook of Agriculture, 1927*, p. 809; *ibid.*, 1933, p. 456.

**COMMENTS:** Production or commercial crop. The figures since 1902 (including those for census years) are estimates of production, by the Crop Reporting Board. The figures for earlier years, except for census years, are estimates of the commercial crop, by the Department of Agriculture.

18. Cattle

**SOURCE:** *Yearbook of Agriculture, 1933*, p. 596. Figures for 1880–1906 were furnished by Mr. C. L. Harlan, Livestock Statistician in the Department of Agriculture, prior to their publication.

**COMMENTS:** Number of animals slaughtered under federal inspection, since 1907. Estimated equivalent of federal slaughter, for earlier years. See Appendix C, I.

19. Hogs

**SOURCE:** *Yearbook of Agriculture, 1933*, p. 605. See (18).

**COMMENTS:** See (18).

20. Sheep

**SOURCE:** *Yearbook of Agriculture, 1933*, p. 616. See (18).

**COMMENTS:** See (18).

21. Cod and mackerel


**COMMENTS:** Figures represent the gross tonnage of vessels licensed for
PRODUCTION TRENDS

the cod and mackerel fisheries and outstanding (i.e. then in existence) on June 30 of year given. "A gross ton is the capacity of the spaces within the frames or ceiling of the hull of a vessel and of the closed-in spaces above deck available for cargo, stores, passengers, or crew, with certain exemptions, expressed in tons of 100 cubic feet." See Appendix C, I and III; and Merchant Marine Statistics, 1930, p. 25, note 1.

22. Whale
source: See (21).
COMMENTS: Tonnage of vessels licensed for whaling. See (21); and Appendix C, I and III.

23. Fish, total
source: Figures were obtained from the Department of Commerce, Bureau of Fisheries.
COMMENTS: Yield of all the fisheries, in pounds. The data are estimates based on intermittent statistical canvasses by regions. See Appendix C, III.

24. Anthracite coal

25. Bituminous coal
source: See (24).
COMMENTS: Production, including lignite. See (24).

26. Coal, total
source: See (24).
COMMENTS: Total of anthracite and bituminous. See (24) and (25).

27. Copper
28. Gold


29. Lead, domestic


comments: Production of pig lead, from domestic ores and base bullion. The series does not include secondary lead, pigments made directly from ore, and primary lead accounted for in antimonial lead. See Appendix C, I.

30. Mercury


comments: Production. Data have been converted to a uniform 75-pound flask basis. It is assumed that the 1904 figure (see *Mineral Resources*, 1919, Part I, p. 152) is expressed in 75-pound flasks.

31. Petroleum


comments: Production, crude. Data are expressed in barrels of 42 U. S. gallons. See *Mineral Resources*, 1918, Part II, p. 971.

32. Phosphate rock


comments: Marketed production (tonnage sold or used by producers). For the period 1870–85, South Carolina production represents total national production. The figures for the period 1870–85 are for years ending May 31. See *Mineral Resources*, 1915, Part II, pp. 228–9.

33. Silver

source: See (28).

comments: See (28).
34. Zinc


comments: Smelter production from domestic and foreign ores. The series does not include secondary zinc, zinc dust, and zinc produced in the forms of oxide and sulphide. See Appendix C, I; Economic Paper 2, pp. 1-2, and Table 15; and *Mineral Resources*, 1929, Part I, pp. 677-8.

35. Asphalt


36. Cement, total


comments: Total of Portland and non-Portland cements. See (40) and (41); and Appendix C, I.

37. Fluorspar


comments: Production, mined or shipped. See *Mineral Resources*, 1918, Part II, p. 320; and *ibid.*, 1925, Part II, pp. 9-14.

38. Gypsum


comments: Production, crude.

39. Iron ore


40. Non-Portland cements

source: See (36).

41. Portland cement
SOURCE: See (36).

42. Pyrites
SOURCE: Mineral Resources, 1901, p. 838; ibid., 1902, pp. 935, 939; ibid., 1903, p. 1074; ibid., 1915, Part I, pp. 31a–43a; ibid., 1925, Part II, p. 390; ibid., 1929, Part II, p. 188.
COMMENTS: Production, exclusive of by-product pyrites. Figures for 1901–03 were obtained directly or indirectly from data in sources cited. See Mineral Resources, 1929, Part II, p. 188.

43. Salt
COMMENTS: Production (sold or used by producers). Includes manufactured salt, salt in brine, and rock salt. The unit ‘barrel’ is equivalent to 280 pounds. See Mineral Resources, 1915, Part II, p. 266.

44. Sulphur
SOURCE: Mineral Resources, 1902, p. 935; ibid., 1915, Part I, pp. 31a–43a; ibid., 1924, Part II, p. 2; ibid., 1929, Part II, p. 176. Figures for 1902 and 1903 were furnished by the Bureau of Mines.
COMMENTS: Production. The figures for 1902 and 1903 are based on the books of the sulphur companies, to which the government was given access in 1917.

45. Natural gas
SOURCE: Mineral Resources, 1929, Part II, p. 322, for 1906–29. The figures for earlier years were obtained from Mr. F. G. Tryon, who has prepared them in connection with a study, sponsored by the Brookings Institution, of the energy supply of the country.
COMMENTS: Produced and delivered to consumers. Data prior to 1906 are described by Mr. Tryon as estimates calculated “from contemporary estimates of the quantity of coal displaced by gas or of the value of the gas sold.”
PRODUCTION TRENDS

46. Cocoa imports
   SOURCE: Figures for 1870-71 were furnished by the Bureau of Foreign
   and Domestic Commerce. Concerning the later figures, see the intro-
   ductory notes to this Appendix, sec. I.

   COMMENTS: Net imports (general imports minus foreign exports) of
   crude cocoa.

47. Coffee imports
   SOURCE: See the introductory notes to this Appendix, sec. I.

   COMMENTS: Net imports (general imports minus foreign exports).

48. Cotton consumption
   SOURCE: Cotton Production and Distribution, 1928-29 (Bureau of the

   COMMENTS: Consumption of cotton and linters. The figures are ex-
   pressed in units of 500-pound bales (gross weight), and relate to
   the 12 months during which the crop of the specified year was chiefly
   marketed. See Bulletin 166, p. 57.

49. Distilled spirits
   SOURCE: Annual Report of the Commissioner of Internal Revenue,
   1901, pp. 428-9; Bureau of Prohibition, Statistics Concerning Intoxi-
   cating Liquors, 1930, p. 3.

   COMMENTS: Production, total for all classes. The figures are for years
   ending June 30. See Appendix C, II.

50. Fermented liquors
   SOURCE: Annual Report of the Commissioner of Internal Revenue,
   1880, p. lxxxix; ibid., 1901, pp. 440-3; Bureau of Prohibition, Statis-
   tics Concerning Intoxicating Liquors, 1930, p. 52.

   COMMENTS: Production, total. The unit 'barrel' contains 31 gallons.
   Figures are for years ending June 30. See Intoxicating Liquors, p. 52.

51. Jute imports
   SOURCE: Figures for 1870-90 were furnished by the Bureau of Foreign
   and Domestic Commerce. Concerning the later figures, see the intro-
   ductory notes to this Appendix, sec. I.

   COMMENTS: The figures for 1891-1929 are for net imports (general
   imports minus foreign exports) of jute and jute butts. The figures
   for 1870-90 are for imports entered for consumption during years
ending June 30. For 1870–83, small quantities of sunn hemp are included.

52. Lead consumption


COMMENTS: Prior to 1894, the figures ignore stocks completely. For later years, producers' stocks are taken into account, but not completely, while consumers' stocks are ignored. Secondary lead is excluded. See Ingalls, p. 204; *Mineral Resources*, 1907, Part I, pp. 655–6; ibid., 1914, Part I, pp. 820–1; and ibid., 1929, Part I, p. 259.

53. Lead, total


COMMENTS: Production of pig lead, from both domestic and foreign ores and base bullion. See (29).

54. Manila hemp imports

SOURCE: See (51).

COMMENTS: The figures for 1891–1929 are for net imports (general imports minus foreign exports) of Manila hemp. The figures for 1870–90 are for imports entered for consumption, include India hemp, and refer to years ending June 30.

55. Minor fiber imports

SOURCE: See (51).

COMMENTS: Total net imports of jute, Manila hemp, and sisal. See (51), (54), and (61).

56. Pig iron


COMMENTS: Production, including ferro-alloys. See *Statistical Report*, 1929, p. 3.

57. Rails

SOURCE: American Iron and Steel Institute, *Annual Statistical Report* (Supplement), 1894, p. 15; ibid., 1914, p. 47; ibid., 1929, p. 44.
PRODUCTION TRENDS

COMMENTS: Total production of iron and steel rails. Rerolled rails, and 'girder' and 'high T' rails, are included.

58. Raw sugar consumption
COMMENTS: Production of cane sugar plus 'imports' from foreign countries and from insular possessions. Figures are for years ending June 30. See (4); Appendix C, III; Yearbook, 1923, notes to Table 360; and ibid., 1932, notes to Table 157.

59. Rubber imports
SOURCE: See the introductory notes to this Appendix, sec. I.
COMMENTS: Net imports (general imports minus foreign exports) of India rubber. Imports of rubber scrap are excluded. For some years gums other than India rubber are included. See Marketing of Crude Rubber (Department of Commerce, Trade Promotion Series, No. 55), p. 176.

60. Silk imports, raw
SOURCE: See the introductory notes to this Appendix, sec. I.
COMMENTS: Net imports (general imports minus foreign exports) of raw silk. Waste, cocoons, silk worms, and eggs of silk worms are excluded. See (86).

61. Sisal imports
SOURCE: See (51).
COMMENTS: The figures for 1891-1929 are for net imports (general imports minus foreign exports). The figures for 1870-90 are for imports entered for consumption during years ending June 30.

62. Steel
COMMENTS: Production of ingots and castings.

63. Superphosphate
COMMENTS: Production, estimates. For the period 1870-85 figures are for years ending May 31. See Proceedings, 1929-30, pp. 145-55.
64. Tin imports

source: Concerning the figures on imports, see the introductory notes to this Appendix, sec. 1. The figures on smelter production are from *Mineral Resources*, 1925, Part I, p. 67.

comments: The figures for 1870–1915 are for net imports (general imports minus foreign exports) of metallic tin. The figures for 1916–24 are for general imports of metallic tin, plus domestic smelter output of tin, minus foreign and domestic exports of metallic tin. The figures for 1925–29 are for general imports of metallic tin, plus tin content of imported ore, minus foreign and domestic exports of metallic tin.

65. Vessels


comments: Gross tonnage of vessels built in the United States and documented during the years given. The figures are for years ending June 30. See (21).

66. Wool consumption

source: *Yearbook of Agriculture*, 1923, pp. 1001–2; *ibid.*, 1932, p. 811.

comments: Apparent consumption of all wool, stocks not taken into account. See (15).

67. Antimonial lead


68. Tin-plate consumption

source: *American Iron and Steel Institute, Annual Statistical Report*, 1911, pp. 91, 96; *ibid.*, 1918, p. 54; *ibid.*, 1929, p. 59.

comments: The series includes both tin-plate and terne-plate. For 1871–99, figures are for production plus imports; for later years, production plus imports minus exports. See *Statistical Report*, 1911, p. 91.

69. Tobacco and snuff

source: *Annual Reports of the Commissioner of Internal Revenue*.

comments: Total production, manufactured. For 1871–79, figures are for years ending June 30.
70. Cottonseed cake and meal  
comments: Production. Figures are for years ending July 31. See Bulletin 167, pp. 62, 72.

71. Cottonseed oil  
source: See (70).  
comments: Production, crude. See (70).

72. Nails  
source: American Iron and Steel Institute, Annual Statistical Report, 1896, p. 73; ibid., 1914, p. 64; ibid., 1929, p. 61.  

73. Zinc consumption  
comments: Prior to 1895, the figures ignore stocks completely. In later years, smelter stocks are taken into account, but not consumers' stocks. Secondary zinc is excluded. See Ingalls, pp. 337–8; Mineral Resources, 1929, Part I, p. 721; and ibid., 1914, Part I, pp. 908–9.

74. Flaxseed consumption  
source: See (17), for production. For net imports, see Statistical Abstract, 1904, p. 391; Yearbook of Agriculture, 1927, p. 809. Figures on net imports for 1927–29 were obtained from the Department of Agriculture.  
comments: Production plus net imports. Net imports include linseed oil in terms of seed. Figures are for years beginning July 1. See (17); Appendix C, II; and Yearbook, 1927, p. 809.

75. Roofing slate  
comments: Sold by producers. Unit 'square' means 100 square feet. No figure is recorded for 1890 (see, however, Mineral Resources,
APPENDIX B


76. Cigarettes
   SOURCE: See (69).

   COMMENTS: Production, number. Includes all 'cigarettes', and 'cigars' weighing not more than 3 pounds per 1000.

77. Cigars
   SOURCE: See (69).

   COMMENTS: Production, number. Excludes 'cigars' weighing not more than 3 pounds per 1000.

78. Coke


79. Flour

   COMMENTS: Production of wheat flour. Unit 'barrel' is equivalent to 196 pounds. Figures are for crop years ending June. See Wheat Studies, Vol. IV, No. 2.

80. Gold consumption

   COMMENTS: Gold (old and new) furnished for use in manufactures and the arts. Figures have been converted from dollars to fine ounces troy (1 fine ounce = $20.6718). See *Annual Report*, 1929, pp. 116-36.

81. Locomotives
   SOURCE: *Railroad Gazette*, Jan. 6, 1888, p. 10; *ibid.*, Jan. 3, 1890, p. 8; *ibid.*, Jan. 4, 1895, p. 8; *ibid.*, Dec. 25, 1896, p. 898; *Railway Age*, Jan. 3, 1931, p. 84.

   COMMENTS: Production, number. From 1905 on, Canadian output is included. Prior to 1912, locomotives built in railroad repair shops are excluded. See Appendix C, 1.
82. Silver consumption


Comments: Silver (old and new) furnished for use in manufactures and the arts.

83. Tobacco consumption

Source: Figures for 1919–29, Annual Report of the Commissioner of Internal Revenue, 1929, p. 140; ibid., 1930, p. 156. Figures for 1880–1918 were furnished by the Commissioner of Internal Revenue.

Comments: Unstemmed equivalent of all kinds of tobacco used in the manufacture of cigars, cigarettes, and tobacco and snuff.

84. Aluminum


Comments: Production. Secondary aluminum is excluded. Estimates for many years. See Metal Statistics, 1931, p. 439; and Hearings, p. 140.

85. Copper consumption


Comments: Refiners’ stocks are taken into account, but not consumers’ stocks. Secondary copper is excluded. See Mineral Resources, 1919, pp. 600–1; and ibid., 1929, Part I, p. 579.

86. Silk imports, unmanufactured

Source: See the introductory notes to this Appendix, sec. I.

Comments: Net imports (general imports minus foreign exports) of all types of unmanufactured silk. Spun silk is not included. See (60); and Appendix C, II.

87. White lead

Source: Mineral Resources, 1904, p. 1115; ibid., later volumes.

APPENDIX B

88. Canned corn


comments: Production. Unit 'case' consists of 24 No. 2 cans. See Vegetable Statistics, p. 67; and Yearbook, 1932, p. 711.

89. Canned tomatoes


comments: Production. Unit 'case' consists of 24 No. 3 cans. See Vegetable Statistics, p. 67; and Yearbook, 1932, p. 740.

90. Rolled iron and steel

source: American Iron and Steel Institute, Annual Statistical Report, 1929, pp. 37–8, for 1887–1929. For 1885–86, estimates were furnished by Mr. Howard H. Cook, Secretary of the American Iron and Steel Institute.

comments: Tonnage of all rolled products of iron and steel.

91. Rail consumption

source: See (57).

comments: Production plus imports minus exports, since 1874. Production plus imports, for prior years.

92. Building permits

source: C. Snyder, Business Cycles and Business Measurements (Macmillan, 1927), p. 275, for 1882–1925. Figures for other years were furnished by Mr. Snyder.

comments: Index of building permits in 1 to 7 cities (7 since 1895), the figures of building permits being deflated by an index of changes in costs of construction. No figure for 1879. See Appendix C, III; and Federal Reserve Bank of New York, Monthly Review, January 1, 1925, pp. 6–7.

93. Coastal trade

source: See (21).

comments: Gross tonnage of vessels licensed for domestic commerce and outstanding on June 30. See (21); and Appendix C, II–III.
342 PRODUCTION TRENDS

94. N. Y. canals traffic

comments: Tonnage moved on all canals. See Annual Report, 1922, p. 7; and ibid., 1930, p. 28.

95. Postage stamps
source: Annual Reports of the Postmaster General.

comments: Revenue derived from sale of postage stamps, postal cards, stamped envelopes; and from first-, second-, third-, and fourth-class mail matter dispatched under permit without stamps. Does not include 'second-class postage paid in money' (which covers postage paid at pound rates on copies of publications entered as second-class matter). Figures are for years ending June 30. See Appendix C, II-III; and Post Office Department, Postage Rates, 1789-1930.

96. Postal money orders

comments: Number of money orders issued. Domestic money orders, plus international money orders (data for latter lacking for 1870-71), plus postal notes (issued from Sept. 3, 1883 to July 1, 1894: see Annual Report, 1893, p. 77; and ibid., 1895, p. 138). Figures are for years ending June 30.

97. Railway ton-miles

comments: Revenue tons carried one mile. Figures for 1883-1916 are for years ending June 30. Concerning Snyder's estimates, see his Business Cycles, p. 39; and Appendix C, III. Concerning the figures of Interstate Commerce Commission, see Statistics of Railways, 1926, p. xcviii.

98. S. S. Marie canals traffic

comments: Tonnage of total freight moved. See Statistical Report, pp. 1-2. On the average, less than 10 per cent of the tonnage is Canadian in origin; see ibid., p. 11.
99. Railway passenger-miles

comments: Passengers carried one mile. Figures for 1882–1916 are for years ending June 30. Concerning the figures of the Interstate Commerce Commission, see Statistics of Railways, 1926, p. xcvi.

100. Agricultural exports

comments: An index of the physical volume of total agricultural exports, the base period being the 5 years ending June 30, 1914. The figures are for years beginning July 1. See Foreign Crops and Markets, December 14, 1925, pp. 900–4.

101. Deflated clearings
source: These data were obtained from Mr. C. Snyder.

comments: Monthly averages of bank clearings outside New York City (bank debits in 140 cities outside New York, from 1919 to date), adjusted by an index of the general price level. These figures have been converted to percentages of the 1913 datum. See Appendix C, III.

102. Tonnage entered and cleared

comments: Net registered tonnage of American and foreign vessels entered and cleared in the foreign trade of the United States. The tons "represent net tons of 100 cubic feet internal carrying capacity, after deducting space for crew and engines." See Appendix C, I–III.

103. Shares traded

comments: Number of shares of stock traded. See Appendix C, II; Year Book, 1929–30, p. 144; and J. E. Meeker, Measuring the Stock Market (pamphlet by New York Stock Exchange), sec. III.

104. Railway freight

comments: Total revenue tons. The figures include duplications of
PRODUCTION TRENDS

tonnage, since a shipment moving over the lines of several railroads is reported by each carrier participating in the shipment; see Appendix C, I. Figures for 1882–1916 are for years ending June 30. Concerning the figures of the Interstate Commerce Commission, see Statistics of Railways, 1926, p. xcviii.

II. DISCONTINUOUS SERIES

The discontinuous series are those marked with an asterisk in Tables 22, 24, and 25. The raw data for this group of series are not presented in this monograph.

Most of the data for the discontinuous series were obtained from reports of the Bureau of the Census. Unless otherwise stated, the data relate to 'production'. The following notes state the sources of the data in only those instances where the data have not been obtained from census reports. Also, the descriptive notes are limited to series having outstanding peculiarities.

Boards paper
The figures were furnished by the Forest Service of the Department of Agriculture.

Boots and shoes
Does not include rubber boots and shoes.

Broad silks
Includes broad silks (pure and mixed), velvets, plushes, upholstery, and tapestry. The unit is the linear yard through 1919, and the square yard beginning with 1921. (In the latter year the total expressed in linear yards is almost exactly the same as that in square yards.)

Broom corn
Yearbook of Agriculture, for data beginning with 1915.

Burning oils
Includes fuel oils and illuminating oils.

Butter
Includes both farm and factory output.

Common brick
The figures for 1895 through 1918, except for census years, are from Mineral Resources.

Condensed and evaporated milk
Includes butter-milk.

Cotton, woven goods
Does not include fabrics of less than 12 inches in width, beginning with 1899.

Face brick
The figures for 1889, 1899, and 1904 were combined with those for 'fancy or ornamental' brick. The figures for 1913 and 1915–18 are from Mineral Resources. See Appendix C, II.
**APPENDIX B**

| **Fertilizers** | The figure for 1869 was obtained from *Proceedings of the National Fertilizer Association*, 1929–30, p. 145. |
| **Fine paper** | See ‘boards paper’. |
| **Gloves and mittens, knit** | Includes the output of the knit-goods industry only (that is, the output of manufacturers engaged in knitting gloves and mittens, but not the output of those who manufacture gloves and mittens from purchased knit fabrics). |
| **Hay loaders** | See Appendix C, II. |
| **Hops** | *Hop Crop of the United States, 1790–1911* (Department of Agriculture, Bureau of Statistics, Circular 95), for data through 1910; *Yearbook of Agriculture*, for data since 1911. |
| **Hosiery** | Does not include infants’, athletic, and golf hose. |
| **Light petroleum distillates** | Includes gasoline, naphtha, benzine, tops, other light products of distillation, and, beginning with 1914, natural-gas gasoline. The figures on natural-gas gasoline are from *Mineral Resources*. |
| **Lumber** | Figures include the production of custom mills, but are restricted to sawed lumber. The data were obtained from *A National Plan for American Forestry* (72d Congress, Senate Document No. 12), pp. 247–8. |
| **Lumber consumption** | See ‘lumber’. |
| **Maple sugar** | Includes also the sugar content of maple sirup. *Yearbook of Agriculture*, for data beginning with 1917. |
| **Newsprint and book paper** | See ‘boards paper’. |
| **Snyder’s index of trade** | This index for quinquennial dates is an arithmetic mean of 3 to 4 of the middle link relatives of a varying number of series. Figures were furnished by Mr. Snyder. For a brief description, see *Proceedings of the Academy of Political Science*, January, 1930, pp. 21–2. |
PRODUCTION TRENDS


Sulphuric acid  The figures are in terms of 50° Baumé strength; the figure for 1879 being an estimate based on the total tonnage of sulphuric acid in 1879, 1889, and 1899, and the tonnage reduced to uniform strength (50°) in 1889 and 1899.

Sweet potatoes  *Yearbook of Agriculture*, for data beginning with 1899.

Wood pulp  *American Forests and Forest Products* (Department of Agriculture, Statistical Bulletin No. 21), for years through 1926.

Wrapping paper  See ‘boards paper’.

Zinc oxide  *Mineral Resources*. 