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# Appendix A

## The Export Data

### 1. Sources

Robert E. Lipsey, *Price and Quantity Trends in the Foreign Trade of the United States*, Princeton for NBER, 1963, pp. 188 ff. Used for all series in 1879–1923, except for total export value. The numbers of Lipsey's series used are: 207, 215, 217, 220, for 1879–1913; and 207, 212, 213, 215, 220, for 1920–23.

Dudley J. Cowden, *Measures of Exports of the United States*, New York, 1931, pp. 99–104. Used for all quantity and price series in 1924–28.

Department of Commerce, various publications, used for total export value, 1879–1923; for all value series, 1924–64; and for all quantity and price series, 1929–64. A few figures were supplied directly by the International Economic Analysis Division.

The following publications of the Department of Commerce were used:

*Business Cycle Developments; Business Information Service; Foreign Commerce and Navigation of the United States, 1929, 1946; Foreign Trade of the United States, 1936–49; Monthly Summary of Commerce and Finance; Monthly Summary of Foreign Commerce of the United States; Overseas Business Reports; Quarterly Summary of Foreign Commerce of the United States; Statistical Supplement to the Survey of Current Business; Summary Reports, United States Foreign Trade, F.T. 900; Survey of Current Business; Trade Promotion Series; World Trade Information Service.*

League of Nations, *Monthly Bulletins of Statistics* was used for the ratio of dollars of 1930 parity to current dollars, 1930–38.

### 2. Notes on the Source Series

As a rule, the export series represent exports of U.S. merchandise valued at current prices at the place of embarkation. The series used for total export value, however, represents general exports, i.e., it

includes re-exports of foreign merchandise. This inclusion is one reason why total export value is somewhat larger than the sum of the values of the commodity classes. In the years 1879-1923 a second factor contributes to this discrepancy: "miscellaneous articles, not elsewhere specified," are included in total export value, but are not assigned to any of the commodity classes. In the later years, this group is included in the class "finished manufactures."

Shipments under the Military Security Program are excluded beginning with the third quarter of 1950, the date for which separate data for such shipments are first available. Beginning with the first quarter of 1952 total export value and quantity, and finished manufactures export value and quantity, excluding military shipments, are published by the Department of Commerce. The adjustment was carried back by us to the third quarter of 1950.<sup>1</sup> Price series are not corrected for military shipments since the change in the series would be so slight that a separate index was not found warranted by the Department of Commerce.

### *3. Our Adjustments of the Source Series*

The Department of Commerce classes "crude foods" and "manufactured foods" are combined into one class "foods." Because of their small value in early years, semimanufactures are combined with crude materials, 1879-1913.

Price and quantity indexes, 1920-23, have been shifted to the base 1923-25 and spliced to the Cowden series for 1924-28. The Commerce indexes for 1929-38 have also been spliced to the Cowden series.

For the years 1933-38 current dollars have been converted into "dollars of 1930 parity" or predevaluation dollars. This was done for comparability to world trade, which was measured in such dollars until World War II. This adjustment applies to all value and price series.

Private relief shipments of food were shifted by the Department of Commerce from finished manufactures to foods beginning with the first quarter of 1954. We made the corresponding shift for the period from the first quarter of 1945 to the fourth quarter of 1953, adjusting values and quantities of finished manufactures and of foods. The price indexes are not affected by this shift.

<sup>1</sup> Data supplied to us directly by the International Economic Analysis Division of the Department of Commerce were used for the adjustment of the quantity series; published data for the value series.

Exports by rail are omitted from the source series, 1879-93. Matthew Simon's adjustment for this omission (*Trends in the American Economy in the Nineteenth Century*, Princeton for NBER, 1960), was not used since it applies to total export value only.

Fisher "ideal" indexes are used throughout. Those constructed by Lipsey have fixed bases for periods of ten to fifteen years, those from Cowden and the Department of Commerce are chain indexes.

Except for total export value since 1948, which is adjusted by the Department of Commerce, all seasonal adjustments have been made by the National Bureau of Economic Research. An implicit seasonal was used only for food exports before 1914 and after 1945. In all other instances the implicit seasonal proved unsatisfactory and value, quantity, and price were separately adjusted.

In the Appendix tables and in the charts the latest revisions of the data and a seasonal adjustment based on the latest data were used. All other tables and the text for 1945-63 are based on an earlier version of the series. The differences between the two versions of the series are slight but a few turning points are shifted by the new seasonal adjustment as shown by the notation (P) and (T), on Tables A-1, A-2, A-3.

TABLE A-1

U.S. EXPORT VALUES, QUARTERLY AT ANNUAL RATES, 1879-1963  
SEASONALLY ADJUSTED, MILLION DOLLARS

| YEAR AND<br>QUARTER | TOTAL   | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS  |
|---------------------|---------|--------------------------|---|--------|
|                     | (1)     | (2)                      | (3) & (4)                               | (5)    |
| 1879 I              | 686.0T  | 80.0                     | 292.8                                   | 371.6  |
| II                  | 713.6   | 82.4                     | 182.8 T                                 | 391.2  |
| III                 | 793.6   | 86.4                     | 206.4                                   | 410.8  |
| IV                  | 793.2   | 90.8                     | 289.2                                   | 430.0  |
| 1880 I              | 804.0   | 86.8                     | 299.2                                   | 396.8  |
| II                  | 982.4 P | 70.8T                    | 299.6                                   | 520.4P |
| III                 | 954.8   | 89.6                     | 334.4                                   | 494.4  |
| IV                  | 852.8   | 90.0P                    | 326.4                                   | 466.4  |
| 1881 I              | 893.2   | 92.8                     | 338.0 P                                 | 447.6  |
| II                  | 934.0   | 100.8                    | 299.2                                   | 417.6  |
| III                 | 879.2   | 113.6                    | 290.4                                   | 391.6  |
| IV                  | 686.4 T | 112.0                    | 280.8                                   | 350.8  |
| 1882 I              | 723.2   | 112.0                    | 274.0 T                                 | 323.6  |
| II                  | 744.0   | 113.6                    | 309.2                                   | 286.8T |
| III                 | 818.4   | 110.0                    | 338.4                                   | 316.8  |
| IV                  | 781.2   | 106.8                    | 347.6                                   | 334.4  |
| 1883 I              | 882.0P  | 116.8                    | 354.4 P                                 | 380.4P |
| II                  | 815.6   | 118.0P                   | 314.8                                   | 316.0  |
| III                 | 768.0   | 110.0                    | 314.8                                   | 320.0  |
| IV                  | 729.2   | 110.0                    | 296.0                                   | 346.4  |
| 1884 I              | 750.0   | 112.8                    | 352.4                                   | 268.4T |
| II                  | 717.2   | 107.2                    | 296.8                                   | 315.6  |
| III                 | 747.2   | 101.2                    | 332.8                                   | 307.2  |
| IV                  | 770.0   | 105.6                    | 308.4                                   | 311.2  |
| 1885 I              | 722.8   | 99.6                     | 280.4                                   | 324.8P |
| II                  | 708.4   | 103.2                    | 272.8 T                                 | 285.6  |
| III                 | 627.6T  | 104.8                    | 288.4                                   | 272.0  |
| IV                  | 683.6   | 103.6                    | 285.6                                   | 253.6T |
| 1886 I              | 642.8   | 100.4                    | 276.4                                   | 257.2  |
| II                  | 773.6P  | 103.2                    | 357.2                                   | 289.2  |
| III                 | 720.4   | 105.2                    | 284.8                                   | 295.2  |
| IV                  | 725.2   | 101.6                    | 319.2                                   | 307.2  |
| 1887 I              | 750.0   | 102.8                    | 331.6                                   | 316.8P |
| II                  | 654.4   | 102.0                    | 236.0                                   | 302.4  |
| III                 | 727.6   | 98.8                     | 345.6                                   | 282.8  |
| IV                  | 718.8   | 106.8                    | 310.4                                   | 256.8  |

TABLE A-1 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL   | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS  |
|---------------------|---------|--------------------------|---|--------|
|                     | (1)     | (2)                      | (3) & (4)                               | (5)    |
| 1888 I              | 669.6   | 105.2                    | 315.6                                   | 234.4T |
| II                  | 662.0   | 105.6                    | 349.2                                   | 234.8  |
| III                 | 654.0T  | 105.6                    | 290.8                                   | 240.8  |
| IV                  | 755.6   | 108.4                    | 342.0                                   | 259.2  |
| 1889 I              | 793.6   | 123.2                    | 367.2                                   | 273.6  |
| II                  | 748.0   | 118.8                    | 364.0                                   | 285.6  |
| III                 | 803.2   | 128.4                    | 420.0P                                  | 312.4  |
| IV                  | 922.0P  | 120.4                    | 381.2                                   | 346.4  |
| 1890 I              | 859.2   | 112.8                    | 352.4                                   | 365.6P |
| II                  | 818.4   | 126.8                    | 300.0T                                  | 346.8  |
| III                 | 814.0T  | 130.0                    | 419.2                                   | 342.0  |
| IV                  | 912.8   | 132.8 P                  | 386.4                                   | 324.0T |
| 1891 I              | 915.2   | 128.8                    | 429.2P                                  | 324.4  |
| II                  | 876.4   | 126.4                    | 428.8                                   | 404.4  |
| III                 | 989.2   | 126.8                    | 366.8                                   | 458.8  |
| IV                  | 1061.6P | 123.6                    | 382.4                                   | 513.2  |
| 1892 I              | 1053.6  | 124.8                    | 374.8                                   | 533.6P |
| II                  | 990.0   | 118.4                    | 370.0                                   | 482.4  |
| III                 | 846.8   | 111.6 T                  | 302.4                                   | 416.4  |
| IV                  | 873.2   | 121.6                    | 304.4                                   | 432.0  |
| 1893 I              | 762.8T  | 123.2                    | 281.6T                                  | 342.4  |
| II                  | 917.6   | 127.2                    | 340.4                                   | 386.4  |
| III                 | 978.0P  | 130.8                    | 375.6                                   | 444.4  |
| IV                  | 871.6   | 126.8                    | 375.6P                                  | 340.0  |
| 1894 I              | 866.4   | 129.2                    | 346.4                                   | 367.6  |
| II                  | 859.6   | 121.6                    | 336.8                                   | 341.6  |
| III                 | 797.6   | 123.2                    | 359.2                                   | 336.8  |
| IV                  | 821.6   | 129.2                    | 320.4                                   | 324.8  |
| 1895 I              | 769.2T  | 136.0                    | 330.8                                   | 308.8T |
| II                  | 834.4   | 144.8                    | 354.0                                   | 326.8  |
| III                 | 793.2   | 152.4                    | 293.2T                                  | 312.0  |
| IV                  | 882.4   | 166.0                    | 335.6                                   | 344.8  |
| 1896 I              | 918.4   | 176.4                    | 366.8                                   | 372.0  |
| II                  | 926.4   | 183.6                    | 372.8                                   | 354.0  |
| III                 | 1020.4  | 185.6                    | 441.2P                                  | 392.4  |
| IV                  | 1123.6  | 190.0                    | 428.4                                   | 440.0  |
| 1897 I              | 997.6   | 194.0                    | 374.0                                   | 417.2  |
| II                  | 1037.2  | 201.2                    | 402.8                                   | 399.2  |
| III                 | 1176.0  | 201.2                    | 374.0T                                  | 555.2  |
| IV                  | 1168.4  | 204.0                    | 401.2                                   | 550.0  |

TABLE A-1 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL               | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS              |
|---------------------|---------------------|--------------------------|---|--------------------|
|                     | (1)                 | (2)                      | (3) & (4)                               | (5)                |
| 1898 I              | 1210.0              | 206.0                    | 421.2                                   | 565.6              |
| II                  | 1386.4 <sup>P</sup> | 218.8                    | 459.2                                   | 679.6 <sup>P</sup> |
| III                 | 1142.8 <sup>T</sup> | 231.2                    | 421.2                                   | 480.8              |
| IV                  | 1276.4              | 236.0                    | 418.4                                   | 576.8              |
| 1899 I              | 1199.2              | 244.0                    | 412.4                                   | 557.2              |
| II                  | 1268.8              | 266.0                    | 378.4                                   | 502.0              |
| III                 | 1430.8              | 287.6                    | 462.4                                   | 573.6              |
| IV                  | 1234.0              | 304.8                    | 455.2                                   | 530.0              |
| 1900 I              | 1426.8              | 328.0 <sup>OP</sup>      | 580.0                                   | 503.6 <sup>T</sup> |
| II                  | 1545.2              | 309.6                    | 601.2                                   | 556.8              |
| III                 | 1479.4              | 300.4                    | 603.2                                   | 534.4              |
| IV                  | 1474.8              | 292.4                    | 604.0 <sup>P</sup>                      | 550.4              |
| 1901 I              | 1428.0              | 290.0 <sup>T</sup>       | 536.0                                   | 610.8              |
| II                  | 1576.0 <sup>P</sup> | 300.0                    | 570.8                                   | 622.8 <sup>P</sup> |
| III                 | 1508.0              | 299.2                    | 532.8                                   | 610.4              |
| IV                  | 1386.4              | 303.6                    | 540.8                                   | 521.2              |
| 1902 I              | 1285.6 <sup>T</sup> | 300.4                    | 532.4                                   | 444.0 <sup>T</sup> |
| II                  | 1359.6              | 297.6                    | 516.4 <sup>T</sup>                      | 466.8              |
| III                 | 1401.2              | 301.2                    | 584.4                                   | 487.6              |
| IV                  | 1378.8              | 312.0                    | 546.0                                   | 508.4              |
| 1903 I              | 1500.8              | 299.6                    | 654.0                                   | 515.6 <sup>P</sup> |
| II                  | 1384.8              | 310.8                    | 631.2                                   | 501.6              |
| III                 | 1345.2              | 314.4                    | 625.6                                   | 472.4              |
| IV                  | 1627.2 <sup>P</sup> | 337.2                    | 647.6                                   | 474.4              |
| 1904 I              | 1453.2              | 357.6                    | 669.2                                   | 428.0              |
| II                  | 1325.2 <sup>T</sup> | 338.4                    | 629.6                                   | 358.4              |
| III                 | 1424.8              | 357.6                    | 766.0                                   | 351.2 <sup>T</sup> |
| IV                  | 1542.4              | 388.0                    | 678.8                                   | 373.6              |
| 1905 I              | 1408.0              | 371.2                    | 580.0                                   | 408.4              |
| II                  | 1694.0              | 400.8                    | 746.8                                   | 451.2              |
| III                 | 1666.8              | 420.0                    | 722.0                                   | 464.8              |
| IV                  | 1731.2              | 436.0                    | 786.8                                   | 535.2              |
| 1906 I              | 1747.6              | 443.2                    | 712.8                                   | 535.6              |
| II                  | 1810.0              | 439.2                    | 821.2                                   | 526.4              |
| III                 | 1753.6              | 438.4                    | 767.6                                   | 538.4              |
| IV                  | 1853.2              | 453.6                    | 877.6                                   | 468.0              |
| 1907 I              | 1949.2              | 456.8 <sup>BP</sup>      | 970.0 <sup>P</sup>                      | 467.6              |
| II                  | 1946.8              | 460.0                    | 954.0                                   | 591.6 <sup>P</sup> |
| III                 | 1812.8              | 494.4                    | 788.8                                   | 539.6              |
| IV                  | 1956.8              | 467.2                    | 827.2                                   | 532.0              |

TABLE A-1 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL               | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS              |
|---------------------|---------------------|--------------------------|---|--------------------|
|                     | (1)                 | (2)                      | (3) & (4)                               | (5)                |
| 1908 I              | 1962.0 <sup>P</sup> | 451.2                    | 935.2                                   | 534.8              |
| II                  | 1640.0              | 420.4                    | 810.4                                   | 458.0              |
| III                 | 1646.8              | 406.8                    | 751.6                                   | 489.6              |
| IV                  | 1678.4              | 393.2 <sup>T</sup>       | 734.8 <sup>T</sup>                      | 470.0              |
| 1909 I              | 1638.8 <sup>T</sup> | 432.8                    | 762.0                                   | 397.2              |
| II                  | 1704.4              | 430.0                    | 823.6                                   | 393.2              |
| III                 | 1734.0              | 436.4                    | 870.0                                   | 384.8              |
| IV                  | 1826.0              | 474.8                    | 911.6                                   | 408.4              |
| 1910 I              | 1607.6              | 480.8                    | 742.0                                   | 326.0 <sup>T</sup> |
| II                  | 1827.6              | 504.8                    | 899.6                                   | 349.6              |
| III                 | 1945.6              | 533.2                    | 633.2                                   | 346.0              |
| IV                  | 2068.8              | 532.0                    | 1098.8                                  | 354.8              |
| 1911 I              | 2076.4              | 594.8                    | 1063.2                                  | 382.4              |
| II                  | 2107.2              | 618.4                    | 912.4                                   | 474.4 <sup>P</sup> |
| III                 | 2168.4              | 603.6                    | 1074.4                                  | 429.6              |
| IV                  | 2049.2              | 636.8                    | 1004.8                                  | 411.6              |
| 1912 I              | 2366.8              | 649.2                    | 1235.2                                  | 436.0              |
| II                  | 2285.6              | 707.2                    | 1151.2                                  | 392.4 <sup>T</sup> |
| III                 | 2413.6              | 734.8                    | 1208.4                                  | 413.2              |
| IV                  | 2522.8              | 746.4                    | 1181.2                                  | 510.8              |
| 1913 I              | 2360.4              | 765.2                    | 1032.0                                  | 537.6              |
| II                  | 2590.0              | 773.2 <sup>P</sup>       | 1174.4                                  | 544.4 <sup>P</sup> |
| III                 | 2650.8 <sup>P</sup> | 741.6                    | 1266.4                                  | 526.4              |
| IV                  | 2415.2              | 760.0                    | 1275.2 <sup>P</sup>                     | 389.2              |
| 1914 I              | 2198.4              | 662.8                    | 1136.0                                  | 372.4 <sup>T</sup> |
| II                  | 2244.0              | 656.8                    | 1031.2                                  | 451.6              |
| III                 | 1981.6 <sup>T</sup> | 508.8 <sup>T</sup>       | 622.0 <sup>T</sup>                      | 672.8              |
| IV                  | 2078.4              | 636.4                    | 700.4                                   | 784.0              |

TABLE A-1 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL               | FINISHED<br>MANUFACTURES | SEMIMANU-<br>FACTURES | CRUDE<br>MATERIALS  | FOODS               |
|---------------------|---------------------|--------------------------|-----------------------|---------------------|---------------------|
|                     | (1)                 | (2)                      | (3)                   | (4)                 | (5)                 |
| 1920 I              | 8552.0 <sup>P</sup> | 2888.0                   | 1056.3                | 2397.9              | 2035.6              |
| II                  | 8098.0              | 3261.6                   | 1054.8                | 1972.7              | 1868.4              |
| III                 | 7863.6              | 3157.2                   | 906.5                 | 1562.7              | 1865.2              |
| IV                  | 8292.8              | 3523.2 <sup>P</sup>      | 830.7                 | 1597.7              | 2213.2              |
| 1921 I              | 5944.8              | 2626.4                   | 592.8                 | 972.8               | 1724.0              |
| II                  | 3963.2              | 1450.4                   | 309.8 <sup>T</sup>    | 961.6               | 1296.4              |
| III                 | 4344.4              | 1210.0                   | 320.6                 | 972.6               | 1610.4              |
| IV                  | 3217.2              | 1171.6                   | 372.1                 | 1009.5              | 936.0 <sup>T</sup>  |
| 1922 I              | 3480.8              | 1136.4 <sup>T</sup>      | 433.8                 | 760.5 <sup>T</sup>  | 1018.0              |
| II                  | 4140.0              | 1317.6                   | 450.6                 | 1011.0              | 1014.4              |
| III                 | 3955.6              | 1302.8                   | 442.0                 | 967.3               | 1147.6 <sup>P</sup> |
| IV                  | 3775.6              | 1424.0                   | 424.7                 | 1006.0              | 1030.0              |
| 1923 I              | 3991.6              | 1378.8                   | 504.4                 | 1028.0              | 954.0               |
| II                  | 4140.4              | 1481.2                   | 570.0                 | 1175.4              | 937.2               |
| III                 | 4268.4              | 1535.6                   | 582.1                 | 1307.3              | 763.2               |
| IV                  | 4241.2              | 1521.2                   | 603.2                 | 1279.0              | 754.4               |
| 1924 I              | 4473.6              | 1529.2                   | 609.8                 | 1311.5              | 831.2               |
| II                  | 4251.6              | 1634.4                   | 590.6                 | 1333.5              | 700.4 <sup>T</sup>  |
| III                 | 4416.4              | 1548.0                   | 595.2                 | 1246.2              | 881.2               |
| IV                  | 5050.8              | 1649.6                   | 654.3                 | 1360.4              | 1339.6              |
| 1925 I              | 5142.4 <sup>P</sup> | 1656.8                   | 668.4 <sup>P</sup>    | 1666.4 <sup>P</sup> | 1002.4              |
| II                  | 4758.8              | 1804.0                   | 665.2                 | 1215.2              | 986.0               |
| III                 | 4830.0              | 1895.2                   | 664.1                 | 1325.6              | 880.4               |
| IV                  | 4885.2              | 2032.4                   | 647.0                 | 1379.3              | 762.4               |
| 1926 I              | 4560.4 <sup>T</sup> | 1919.2                   | 601.9 <sup>T</sup>    | 1132.6 <sup>T</sup> | 720.0 <sup>T</sup>  |
| II                  | 4722.8              | 1943.2                   | 625.3                 | 1278.4              | 797.6               |
| III                 | 5098.0              | 1996.0                   | 671.9                 | 1420.1 <sup>P</sup> | 965.2               |
| IV                  | 4874.0              | 1980.8                   | 732.7                 | 1279.0              | 818.8               |
| 1927 I              | 4869.6              | 1934.4                   | 676.2                 | 1328.6              | 771.2               |
| II                  | 5082.4 <sup>P</sup> | 2001.2                   | 699.1                 | 1353.8              | 971.2 <sup>P</sup>  |
| III                 | 4836.8              | 1973.6                   | 722.4                 | 1100.8              | 876.4               |
| IV                  | 4702.0 <sup>T</sup> | 2021.2                   | 705.8                 | 1086.9 <sup>T</sup> | 874.4               |
| 1928 I              | 4877.2              | 2053.6                   | 730.3                 | 1190.8              | 716.4               |
| II                  | 5146.0              | 2190.8                   | 730.1                 | 1462.7 <sup>P</sup> | 702.4               |
| III                 | 5012.0              | 2296.4                   | 686.2                 | 1180.8              | 702.4 <sup>T</sup>  |
| IV                  | 5446.8              | 2518.8                   | 698.6                 | 1343.2              | 860.4               |
| 1929 I              | 5758.4 <sup>P</sup> | 2744.4 <sup>P</sup>      | 804.4 <sup>P</sup>    | 1183.4              | 884.8 <sup>P</sup>  |
| II                  | 5256.8              | 2465.6                   | 736.0                 | 1118.9              | 758.4               |
| III                 | 5188.8              | 2500.4                   | 715.7                 | 1071.5              | 745.6               |
| IV                  | 4836.4              | 2404.0                   | 665.0                 | 1142.0              | 674.0               |

TABLE A-1 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL    | FINISHED<br>MANUFACTURES | SEMIMANU-<br>FACTURES | CRUDE<br>MATERIALS | FOODS   |
|---------------------|----------|--------------------------|-----------------------|--------------------|---------|
|                     | (1)      | (2)                      | (3)                   | (4)                | (5)     |
| 1930 I              | 4578.0   | 2276.4                   | 597.6                 | 951.1              | 626.4   |
| II                  | 4130.0   | 2016.0                   | 568.5                 | 787.8              | 577.2   |
| III                 | 3722.4   | 1708.0                   | 480.4                 | 929.0              | 538.4   |
| IV                  | 3086.0   | 1562.0                   | 408.8                 | 699.2              | 449.6   |
| 1931 I              | 2880.4   | 1365.6                   | 383.2                 | 674.4              | 414.0   |
| II                  | 2644.4   | 1178.4                   | 347.4                 | 577.3              | 416.4   |
| III                 | 2240.8   | 1034.8                   | 298.1                 | 450.5 T            | 352.4   |
| IV                  | 2020.8   | 888.0                    | 244.2                 | 569.8              | 336.8   |
| 1932 I              | 1876.4   | 686.4                    | 227.2                 | 636.4 P            | 298.4   |
| II                  | 1614.0   | 649.6                    | 202.8                 | 481.0              | 289.2   |
| III                 | 1454.4   | 563.6                    | 175.4 T               | 478.4              | 210.8   |
| IV                  | 1502.4   | 595.6                    | 183.8                 | 475.4              | 202.4   |
| 1933 I              | 1323.6   | 524.8                    | 186.8                 | 425.0 T            | 179.2   |
| II                  | 1233.2   | 463.2                    | 175.6                 | 500.8              | 157.6   |
| III                 | 1272.0   | 450.4 T                  | 182.2                 | 522.9 P            | 147.2   |
| IV                  | 1286.0   | 513.6                    | 194.1                 | 413.8              | 158.4   |
| 1934 I              | 1286.8   | 489.2                    | 206.1                 | 430.2              | 156.0   |
| II                  | 1265.2   | 533.6                    | 200.0                 | 425.8              | 134.8   |
| III                 | 1286.0   | 543.6                    | 205.9                 | 383.3              | 137.6   |
| IV                  | 1184.8 T | 529.6                    | 202.8                 | 347.7              | 116.0 T |
| 1935 I              | 1248.8   | 571.6                    | 207.1                 | 345.7 T            | 118.8   |
| II                  | 1225.6   | 562.0                    | 195.3                 | 377.7              | 119.2   |
| III                 | 1327.2   | 611.2                    | 207.9                 | 397.4              | 123.6   |
| IV                  | 1476.8   | 618.0                    | 219.4                 | 468.9 P            | 149.6 P |
| 1936 I              | 1368.0   | 649.2                    | 220.2                 | 375.0              | 114.8   |
| II                  | 1427.6   | 679.2                    | 247.6                 | 400.0              | 121.2   |
| III                 | 1418.8   | 688.4                    | 230.5                 | 368.9 T            | 134.0   |
| IV                  | 1490.0   | 716.4                    | 235.3                 | 414.5              | 106.4 T |
| 1937 I              | 1690.4   | 837.2                    | 308.4                 | 409.2              | 128.4   |
| II                  | 2026.4   | 956.0                    | 456.2 P               | 466.9 P            | 132.8   |
| III                 | 2068.4 P | 1020.4 P                 | 448.6                 | 422.5              | 164.0   |
| IV                  | 2007.2   | 1011.2                   | 383.7                 | 416.1              | 235.2   |
| 1938 I              | 1965.6   | 956.4                    | 326.2                 | 396.0              | 274.8   |
| II                  | 1897.2   | 890.4                    | 302.3                 | 367.3              | 321.2 P |
| III                 | 1732.8   | 858.4 T                  | 265.6 T               | 369.1              | 245.6   |
| IV                  | 1652.4 T | 895.6                    | 303.6                 | 300.8 T            | 194.8   |

TABLE A-1 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL | FINISHED<br>MANUFACTURES | SEMIMANU-<br>FACTURES | CRUDE<br>MATERIALS | FOODS   |           |
|---------------------|-------|--------------------------|-----------------------|--------------------|---------|-----------|
|                     | (1)   | (2)                      | (3)                   | (4)                | (5)     |           |
| 1945                | I     | 10646.8                  | 7876.1                | 804.3              | 619.7T  | 1418.2 T  |
|                     | II    | 10981.2                  | 7467.2                | 766.5              | 877.4   | 1725.0    |
|                     | III   | 9251.6                   | 5469.5                | 733.8 T            | 1003.4  | 1714.4    |
|                     | IV    | 7989.6T                  | 3784.1 T              | 813.3              | 983.3   | 2103.0    |
| 1946                | I     | 8685.6                   | 4105.3                | 785.3              | 1196.6  | 2339.8    |
|                     | II    | 9136.8                   | 4598.2                | 871.7              | 1315.2  | 2202.0    |
|                     | III   | 10146.0                  | 5217.9                | 917.2              | 1536.3  | 2215.1    |
|                     | IV    | 11234.0                  | 6324.1                | 1023.5             | 1623.2  | 2029.2    |
| 1947                | I     | 13766.4                  | 8223.8                | 1500.9             | 1739.4P | 2850.8    |
|                     | II    | 14643.6                  | 8821.9                | 1777.6             | 1651.2  | 3227.0    |
|                     | III   | 14704.4P                 | 8929.8 P              | 2015.2 P           | 1482.6  | 3445.2 P  |
|                     | IV    | 14665.6                  | 8731.6                | 1869.7             | 1527.1  | 3120.5    |
| 1948                | I     | 13041.2                  | 7469.8                | 1499.4             | 1333.5  | 2562.6    |
|                     | II    | 12294.0T                 | 7083.7                | 1326.7             | 1254.1T | 2420.5    |
|                     | III   | 12576.0                  | 6737.8                | 1318.3 T           | 1626.9  | 2840.3    |
|                     | IV    | 12396.0                  | 7046.0                | 1335.8             | 1746.2  | 2733.2    |
| 1949                | I     | 13425.6P                 | 7079.3                | 1534.0 P           | 1889.1  | 2512.8    |
|                     | II    | 12834.8                  | 6719.6                | 1446.3             | 2112.2  | 2409.3    |
|                     | III   | 11440.8                  | 6562.3                | 1294.0             | 1481.7  | 2133.4    |
|                     | IV    | 10526.4                  | 5903.0                | 1130.9             | 1606.1  | 1904.3    |
| 1950                | I     | 9434.8T                  | 5236.1                | 1026.1             | 1756.4  | 1273.1(T) |
|                     | II    | 9555.2                   | 5172.4 T              | 1025.0 T           | 1954.3  | 1280.0 T  |
|                     | III   | 10090.4                  | 5501.2                | 1137.1             | 1971.5  | 1435.9    |
|                     | IV    | 10991.6                  | 6085.9                | 1304.6             | 1870.5  | 1600.5    |
| 1951                | I     | 12289.6                  | 6704.3                | 1400.2             | 2027.1  | 2037.8    |
|                     | II    | 14082.4                  | 7419.4                | 1639.6             | 2265.0  | 2598.1 P  |
|                     | III   | 14799.6                  | 8017.7 P              | 1892.7 P           | 2303.6  | 2375.2    |
|                     | IV    | 14732.4                  | 7648.4                | 1736.9             | 3150.8P | 2113.4    |
| 1952                | I     | 15065.6P                 | 7933.7                | 1772.1             | 2792.3  | 2476.8    |
|                     | II    | 13321.6                  | 7354.6                | 1707.4             | 1811.3  | 2212.3    |
|                     | III   | 12038.4                  | 7071.4 T              | 1467.5             | 1649.8  | 1721.8    |
|                     | IV    | 12184.8                  | 7026.9(T)             | 1522.8             | 1707.6  | 1960.8    |
| 1953                | I     | 12086.0                  | 7177.8                | 1346.2             | 1533.1T | 1833.4    |
|                     | II    | 12086.0                  | 7455.2                | 1302.1 T           | 1605.7  | 1514.3    |
|                     | III   | 12655.2                  | 7649.3                | 1437.2             | 1691.8  | 1855.8    |
|                     | IV    | 12278.0                  | 7405.4                | 1607.6             | 1670.0  | 1698.1    |
| 1954                | I     | 11501.6                  | 6614.0                | 1619.4             | 1736.8  | 1371.6    |
|                     | II    | 13507.2                  | 7919.3                | 1811.1             | 1923.6  | 1629.2    |
|                     | III   | 12716.8                  | 7492.7                | 1891.6             | 1687.3  | 1494.3    |
|                     | IV    | 13569.6                  | 7671.6                | 1951.6             | 2159.3  | 1791.7    |

TABLE A-1 (CONTINUED)

| YEAR AND QUARTER | TOTAL     | FINISHED MANUFACTURES | SEMIMANUFACTURES | CRUDE MATERIALS | FOODS    |
|------------------|-----------|-----------------------|------------------|-----------------|----------|
|                  | (1)       | (2)                   | (3)              | (4)             | (5)      |
| 1955 I           | 14128.8   | 7809.5                | 2178.5           | 1972.1          | 1902.2   |
| II               | 13667.2   | 7760.8                | 2188.6           | 1773.7          | 1786.5   |
| III              | 14610.0   | 8063.6                | 2402.3           | 1987.0          | 2084.2   |
| IV               | 14862.0   | 8399.9                | 2472.0           | 1905.3          | 2012.4   |
| 1956 I           | 15727.6   | 9071.5                | 2595.6           | 1855.7          | 2239.1   |
| II               | 16986.8   | 9194.9                | 2673.8           | 2351.2          | 2650.5   |
| III              | 17778.8   | 9359.1                | 2671.7           | 2659.7          | 2682.7   |
| IV               | 18828.8   | 9584.9                | 3147.4           | 3031.9          | 2821.4 P |
| 1957 I           | 20539.6 P | 10131.7               | 3838.8 P         | 3769.1 P        | 2789.4   |
| II               | 19880.0   | 10493.7               | 3439.1           | 3304.6          | 2556.8   |
| III              | 19200.4   | 10581.0               | 3025.0           | 2955.3          | 2348.0   |
| IV               | 18359.2   | 10641.9 P             | 2654.5           | 2565.1          | 2280.0   |
| 1958 I           | 16561.2   | 9732.0                | 2223.6 T         | 2300.8          | 2182.0 T |
| II               | 16277.6   | 9334.2                | 2167.9(T)        | 2299.1          | 2420.7   |
| III              | 16249.2   | 9162.1                | 2202.6           | 2148.8          | 2460.4   |
| IV               | 16435.2   | 9304.4                | 2517.9           | 1876.9          | 2457.7   |
| 1959 I           | 15658.0 T | 9145.6 T              | 2289.0           | 1657.9 T        | 2361.2   |
| II               | 15882.8   | 9163.8                | 2394.7           | 1750.9          | 2418.8   |
| III              | 17307.2   | 9575.9                | 2617.5           | 1934.5          | 2815.1   |
| IV               | 16865.2   | 9361.5                | 2564.8           | 2223.0          | 2520.9   |
| 1960 I           | 18616.8   | 10006.4               | 3191.8           | 2751.2          | 2657.2   |
| II               | 19685.6   | 10612.0               | 3672.3           | 2907.3          | 2655.9   |
| III              | 19952.0   | 10751.4               | 3768.1 P         | 2346.8          | 2825.5   |
| IV               | 19996.0   | 10730.1               | 3489.4           | 2708.8 P        | 2912.4   |
| 1961 I           | 20388.0   | 10871.5               | 3436.9           | 2866.8(P)       | 3027.7   |
| II               | 19347.6   | 10552.0               | 3260.3           | 2349.7          | 2830.5   |
| III              | 20251.2   | 11063.1               | 3161.8           | 2552.7          | 2912.0   |
| IV               | 21000.0   | 11628.7               | 3293.3           | 2432.4          | 3415.0   |
| 1962 I           | 20623.6   | 11850.3               | 3147.7           | 2106.9 T        | 3386.5   |
| II               | 21594.0   | 12180.6               | 2994.0           | 2434.6          | 3558.9   |
| III              | 21454.0   | 12068.5               | 3068.1           | 2286.2          | 3418.1   |
| IV               | 20466.8   | 11925.3               | 2958.5(T)        | 2140.6          | 3133.4   |
| 1963 I           | 20314.0   | 11708.5               | 3008.0 T         | 2262.3          | 3280.3   |
| II               | 22413.6   | 12363.0               | 3315.9           | 2542.2          | 3874.9   |
| III              | 22927.6   | 12415.4               | 3433.4           | 2653.3          | 3801.7   |
| IV               | 24061.6   | 12971.7               | 3599.0           | 2790.6          | 4231.3   |

TABLE A-2  
 U.S. EXPORT QUANTITIES, QUARTERLY INDEXES, 1879-1963  
 SEASONALLY ADJUSTED

| YEAR AND<br>QUARTER | TOTAL  | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS   |
|---------------------|--------|--------------------------|---|---------|
|                     | (1)    | (2)                      | (3) & (4)                               | (5)     |
| 1913=100            |        |                          |   |         |
| 1879 I              | 34.5   | 8.8                      | 32.4                                    | 98.6    |
| II                  | 30.6   | 9.4                      | 18.5                                    | 103.4   |
| III                 | 34.2   | 9.8                      | 20.7                                    | 103.5   |
| IV                  | 32.6   | 10.4 P                   | 27.9                                    | 96.6    |
| 1880 I              | 31.3   | 9.3                      | 26.9                                    | 88.2    |
| II                  | 35.9   | 7.6 T                    | 27.2                                    | 121.6 P |
| III                 | 36.3   | 8.8                      | 31.0                                    | 116.2   |
| IV                  | 37.0 P | 9.1                      | 30.3                                    | 107.9   |
| 1881 I              | 35.3   | 10.0                     | 31.7 P                                  | 99.6    |
| II                  | 32.9   | 11.3                     | 28.6                                    | 91.6    |
| III                 | 31.1   | 12.2                     | 27.0                                    | 81.1    |
| IV                  | 28.8   | 12.5                     | 25.7                                    | 68.1    |
| 1882 I              | 27.2   | 12.3                     | 25.1 T                                  | 64.5    |
| II                  | 26.5 T | 12.3                     | 28.0                                    | 56.7 T  |
| III                 | 29.6   | 12.3                     | 30.4                                    | 60.5    |
| IV                  | 30.2   | 11.8                     | 32.1                                    | 65.1    |
| 1883 I              | 34.3 P | 12.7                     | 34.4 P                                  | 75.9 P  |
| II                  | 30.5   | 13.0 P                   | 30.4                                    | 64.3    |
| III                 | 30.6   | 12.4                     | 30.3                                    | 69.5    |
| IV                  | 29.7   | 12.5                     | 29.2                                    | 72.4    |
| 1884 I              | 29.8   | 11.9                     | 33.8                                    | 56.8 T  |
| II                  | 29.4   | 11.7                     | 28.0                                    | 70.8    |
| III                 | 31.6   | 11.5 T                   | 31.8                                    | 71.6    |
| IV                  | 31.5   | 12.1                     | 30.0                                    | 75.7    |
| 1885 I              | 31.3   | 12.0                     | 27.2                                    | 80.8 P  |
| II                  | 31.5   | 11.9                     | 27.0 T                                  | 73.1    |
| III                 | 28.2 T | 12.3                     | 29.1                                    | 70.1    |
| IV                  | 29.7   | 12.0                     | 29.2                                    | 64.8 T  |
| 1886 I              | 29.7   | 12.4                     | 29.1                                    | 68.3    |
| II                  | 35.1   | 12.7                     | 37.8                                    | 79.4    |
| III                 | 33.1   | 13.1                     | 30.6                                    | 80.3    |
| IV                  | 35.2   | 12.9                     | 34.4                                    | 81.4    |
| 1887 I              | 35.5 P | 13.2                     | 35.9                                    | 84.3 P  |
| II                  | 31.2   | 13.0                     | 25.6                                    | 82.0    |
| III                 | 35.4   | 12.8                     | 37.8                                    | 76.8    |
| IV                  | 32.2   | 13.6                     | 32.5                                    | 67.0    |

TABLE A-2 (CONTINUED)

| YEAR AND QUARTER |     | TOTAL  | FINISHED MANUFACTURES | SEMIMANUFACTURES AND CRUDE MATERIALS | FOODS   |
|------------------|-----|--------|-----------------------|--------------------------------------|---------|
|                  |     | (1)    | (2)                   | (3) & (4)                            | (5)     |
| 1913=100         |     |        |                       |                                      |         |
| 1888             | I   | 30.0   | 13.1                  | 32.4                                 | 60.5    |
|                  | II  | 30.7   | 12.7                  | 36.6                                 | 59.6 T  |
|                  | III | 30.0 T | 13.0                  | 30.0                                 | 60.7    |
|                  | IV  | 32.2   | 13.3                  | 34.5                                 | 63.2    |
| 1889             | I   | 35.4   | 15.5                  | 37.9                                 | 70.8    |
|                  | II  | 36.0   | 15.2                  | 38.2                                 | 78.8    |
|                  | III | 39.9   | 16.1 P                | 43.2 P                               | 87.3    |
|                  | IV  | 42.0   | 15.5                  | 39.7                                 | 97.2    |
| 1890             | I   | 40.5   | 14.4 T                | 36.4                                 | 104.1 P |
|                  | II  | 40.6   | 16.2                  | 31.3 T                               | 98.0    |
|                  | III | 40.1   | 16.9                  | 42.7                                 | 94.1    |
|                  | IV  | 40.2   | 17.4                  | 39.3                                 | 86.0    |
| 1891             | I   | 41.5   | 16.9                  | 44.2                                 | 84.5 T  |
|                  | II  | 40.7   | 17.1                  | 45.4 P                               | 96.2    |
|                  | III | 47.1   | 17.3                  | 40.8                                 | 108.5   |
|                  | IV  | 47.1   | 17.3                  | 42.9                                 | 123.2   |
| 1892             | I   | 50.0 P | 17.8 P                | 42.7                                 | 133.7 P |
|                  | II  | 49.0   | 16.9                  | 42.8                                 | 126.4   |
|                  | III | 43.0   | 16.7 T                | 36.7                                 | 108.0   |
|                  | IV  | 42.7   | 18.4                  | 36.1                                 | 111.9   |
| 1893             | I   | 35.9 T | 18.4                  | 31.2 T                               | 83.7 T  |
|                  | II  | 41.2   | 19.9                  | 40.7                                 | 94.9    |
|                  | III | 48.8 P | 20.5                  | 47.4                                 | 116.3 P |
|                  | IV  | 47.9   | 19.9                  | 47.9                                 | 89.7    |
| 1894             | I   | 45.8   | 20.5                  | 45.0                                 | 101.9   |
|                  | II  | 46.4   | 20.3                  | 43.9                                 | 100.5   |
|                  | III | 45.6   | 20.6                  | 48.8                                 | 97.8    |
|                  | IV  | 46.8   | 21.3                  | 49.7                                 | 94.3    |
| 1895             | I   | 47.4   | 21.4                  | 52.6 P                               | 93.0    |
|                  | II  | 46.7   | 21.5                  | 49.7                                 | 93.4    |
|                  | III | 42.9 T | 22.2                  | 38.7 T                               | 91.4 T  |
|                  | IV  | 45.9   | 23.2                  | 41.2                                 | 108.3   |
| 1896             | I   | 51.0   | 23.3                  | 46.8                                 | 118.1   |
|                  | II  | 53.2   | 25.0                  | 49.4                                 | 116.5   |
|                  | III | 60.9   | 26.3                  | 57.6                                 | 137.3   |
|                  | IV  | 60.8   | 27.8                  | 57.0                                 | 143.6   |
| 1897             | I   | 58.7   | 29.3                  | 51.2                                 | 136.2   |
|                  | II  | 59.8   | 30.3                  | 56.7                                 | 131.1   |
|                  | III | 66.8   | 30.5                  | 54.0                                 | 168.7   |
|                  | IV  | 68.2   | 31.9                  | 58.9                                 | 161.8   |

TABLE A-2 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS   |
|---------------------|-------|--------------------------|---|---------|
|                     | (1)   | (2)                      | (3) & (4)                               | (5)     |
| 1913=100            |       |                          |   |         |
| 1898 I              | 72.5  | 34.9                     | 64.2                                    | 167.1   |
| II                  | 78.7P | 35.7                     | 69.2P                                   | 182.7 P |
| III                 | 69.1  | 37.2                     | 64.2                                    | 144.6   |
| IV                  | 73.7  | 37.4                     | 64.6                                    | 175.4   |
| 1899 I              | 72.3  | 38.8                     | 60.5                                    | 165.0   |
| II                  | 67.0T | 41.0                     | 51.4T                                   | 151.7   |
| III                 | 73.3  | 42.0                     | 58.5                                    | 172.4   |
| IV                  | 70.0  | 43.2                     | 56.0                                    | 157.3   |
| 1900 I              | 73.8  | 43.8 P                   | 68.0P                                   | 149.5   |
| II                  | 74.6  | 42.2                     | 65.8                                    | 159.7   |
| III                 | 70.1  | 41.7                     | 63.2                                    | 150.8   |
| IV                  | 73.0  | 41.5                     | 64.2                                    | 155.8   |
| 1901 I              | 73.0  | 41.3 T                   | 58.8                                    | 170.1   |
| II                  | 77.3P | 43.3                     | 67.3                                    | 166.8   |
| III                 | 72.6  | 43.3                     | 61.2                                    | 161.2   |
| IV                  | 72.3  | 43.0                     | 64.2                                    | 133.8   |
| 1902 I              | 66.7  | 44.4                     | 64.2                                    | 111.1 T |
| II                  | 64.6T | 42.9                     | 58.5T                                   | 112.6   |
| III                 | 67.5  | 43.2                     | 65.9                                    | 118.2   |
| IV                  | 67.2  | 43.0                     | 62.5                                    | 123.9   |
| 1903 I              | 72.6P | 42.5                     | 73.5P                                   | 126.1 P |
| II                  | 68.0  | 43.4                     | 64.5                                    | 125.1   |
| III                 | 65.5  | 42.8                     | 61.9                                    | 119.9   |
| IV                  | 67.8  | 43.8                     | 63.1                                    | 121.7   |
| 1904 I              | 63.6  | 44.5                     | 58.9                                    | 109.2   |
| II                  | 61.4T | 45.7                     | 58.4T                                   | 94.8    |
| III                 | 69.7  | 49.3                     | 78.3                                    | 90.8 T  |
| IV                  | 69.7  | 53.6                     | 73.5                                    | 96.0    |
| 1905 I              | 73.7  | 53.8                     | 69.8                                    | 109.8   |
| II                  | 81.6  | 58.0                     | 86.0P                                   | 116.6   |
| III                 | 75.5  | 61.0                     | 71.6                                    | 119.2   |
| IV                  | 80.2  | 61.2                     | 73.8                                    | 137.0 P |
| 1906 I              | 81.1  | 63.5                     | 66.9T                                   | 135.4   |
| II                  | 80.7  | 61.8                     | 77.6                                    | 132.5   |
| III                 | 78.5  | 60.0                     | 73.4                                    | 135.2   |
| IV                  | 80.7  | 61.5                     | 80.3                                    | 115.4   |
| 1907 I              | 86.2P | 61.5                     | 89.8P                                   | 113.7   |
| II                  | 83.7  | 61.7                     | 82.9                                    | 138.5   |
| III                 | 75.4  | 64.7 P                   | 65.9T                                   | 121.1   |
| IV                  | 78.7  | 62.1                     | 76.1                                    | 114.3   |

TABLE A-2 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS   |         |
|---------------------|-------|--------------------------|---|---------|---------|
|                     | (1)   | (2)                      | (3) & (4)                               | (5)     |         |
| 1913=100            |       |                          |   |         |         |
| 1908                | I     | 86.2                     | 58.9                                    | 88.8    | 118.4   |
|                     | II    | 76.1                     | 56.4                                    | 80.1    | 103.4   |
|                     | III   | 76.5                     | 55.0                                    | 76.9    | 107.2   |
|                     | IV    | 73.9                     | 54.8 T                                  | 78.6    | 101.4   |
| 1909                | I     | 74.8                     | 58.0                                    | 80.0    | 85.4    |
|                     | II    | 75.0                     | 59.3                                    | 84.4 P  | 82.0    |
|                     | III   | 74.3                     | 60.8                                    | 80.0    | 81.3    |
|                     | IV    | 71.3                     | 64.4                                    | 74.2    | 83.0    |
| 1910                | I     | 62.9 T                   | 64.5                                    | 61.0 T  | 63.5 T  |
|                     | II    | 70.7                     | 67.3                                    | 75.7    | 68.5    |
|                     | III   | 77.5                     | 71.2                                    | 87.8    | 68.6    |
|                     | IV    | 80.9                     | 72.8                                    | 87.9    | 72.0    |
| 1911                | I     | 83.8                     | 79.9                                    | 87.1    | 79.9    |
|                     | II    | 84.7                     | 84.7                                    | 79.5    | 104.2 P |
|                     | III   | 92.6                     | 84.2                                    | 100.4   | 94.6    |
|                     | IV    | 94.5                     | 87.2                                    | 100.4   | 86.3    |
| 1912                | I     | 104.0                    | 89.5                                    | 122.0 P | 88.8    |
|                     | II    | 96.8                     | 94.6                                    | 105.9   | 79.1 T  |
|                     | III   | 101.9                    | 99.2                                    | 106.6   | 85.7    |
|                     | IV    | 100.0                    | 98.9                                    | 102.0   | 103.4   |
| 1913                | I     | 94.7                     | 102.9 P                                 | 86.0 T  | 110.5   |
|                     | II    | 101.2                    | 99.2                                    | 101.1   | 110.6 P |
|                     | III   | 104.8 P                  | 100.4                                   | 106.0   | 105.6   |
|                     | IV    | 101.2                    | 101.6                                   | 106.5 P | 78.3    |
| 1914                | I     | 91.3                     | 93.3                                    | 98.3    | 74.2 T  |
|                     | II    | 92.0                     | 90.0                                    | 90.2    | 89.5    |
|                     | III   | 78.7 T                   | 74.3 T                                  | 53.5 T  | 126.7   |
|                     | IV    | 85.7                     | 88.7                                    | 72.0    | 142.5   |

TABLE A-2 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL   | FINISHED<br>MANUFACTURES | SEMI-MANU-<br>FACTURES | CRUDE<br>MATERIALS | FOODS    |
|---------------------|---------|--------------------------|------------------------|--------------------|----------|
|                     | (1)     | (2)                      | (3)                    | (4)                | (5)      |
|                     |         |                          | 1923-1925=100          |                    | \$ MILL. |
| 1920 I              | 127.0   | 126.0                    | 118.2                  | 125.6 P            | 1232.0   |
| II                  | 124.1   | 127.3                    | 114.3                  | 95.2               | 1184.4   |
| III                 | 105.4   | 133.3                    | 100.8                  | 81.2 T             | 1043.2 T |
| IV                  | 116.5   | 145.1 P                  | 99.7                   | 88.3               | 1323.6   |
| 1921 I              | 109.3   | 119.9                    | 76.4                   | 90.3               | 1278.8   |
| II                  | 93.8    | 69.9                     | 48.4 T                 | 99.8               | 1309.6   |
| III                 | 99.8    | 68.9                     | 60.6                   | 105.7 P            | 1616.8 P |
| IV                  | 78.3 T  | 69.1                     | 72.1                   | 84.3               | 1008.4   |
| 1922 I              | 81.8    | 67.3 T                   | 74.1                   | 75.4               | 1162.0   |
| II                  | 99.1    | 77.8                     | 78.4 P                 | 108.7              | 1177.6   |
| III                 | 88.1    | 84.5                     | 72.3                   | 72.3 T             | 1222.0   |
| IV                  | 87.6    | 85.0                     | 68.1 T                 | 81.6               | 1090.0   |
| 1923 I              | 84.4    | 82.7                     | 77.8                   | 73.7               | 1000.8   |
| II                  | 89.9    | 85.9                     | 84.4                   | 76.6               | 926.4    |
| III                 | 94.1    | 98.8                     | 92.3                   | 94.7               | 838.4 T  |
| IV                  | 93.4    | 96.4                     | 97.1                   | 87.6               | 927.6    |
| 1924 I              | 95.5    | 95.9                     | 102.6                  | 86.6               | 1066.4   |
| II                  | 94.2    | 98.4                     | 101.6                  | 87.5               | 874.4    |
| III                 | 98.4    | 97.5                     | 106.1                  | 96.6               | 926.0    |
| IV                  | 115.2 P | 102.7                    | 112.0 P                | 113.3              | 1076.8 P |
| 1925 I              | 112.1   | 108.2                    | 110.6                  | 136.8              | 919.2    |
| II                  | 103.6   | 111.6                    | 109.7                  | 101.3              | 920.4    |
| III                 | 101.1 T | 115.4                    | 105.9                  | 113.5              | 741.6    |
| IV                  | 106.7   | 121.7                    | 98.3                   | 115.0              | 624.8 T  |
| 1926 I              | 102.5   | 120.9                    | 95.2 T                 | 105.1              | 749.6    |
| II                  | 108.4   | 116.5                    | 102.9                  | 122.4              | 706.0    |
| III                 | 114.7   | 118.0                    | 105.9                  | 139.6              | 918.8    |
| IV                  | 119.0   | 120.7                    | 118.0                  | 147.4              | 769.6    |
| 1927 I              | 120.0   | 121.0                    | 115.1                  | 158.5 P            | 830.4    |
| II                  | 129.6 P | 131.5                    | 120.1                  | 149.2              | 976.4 P  |
| III                 | 121.5   | 132.7                    | 126.6                  | 107.3              | 892.0    |
| IV                  | 114.7 T | 126.7                    | 120.5                  | 99.3 T             | 873.6    |
| 1928 I              | 119.9   | 130.2                    | 127.6 P                | 112.9              | 818.4    |
| II                  | 129.6   | 144.1                    | 124.8                  | 137.8 P            | 720.4 T  |
| III                 | 125.5   | 149.4                    | 117.2                  | 119.2              | 730.8    |
| IV                  | 137.7   | 160.9                    | 118.4                  | 126.7              | 897.2    |
| 1929 I              | 142.9 P | 183.4 P                  | 127.6                  | 115.6              | 908.8 P  |
| II                  | 132.2   | 162.4                    | 115.0                  | 113.0              | 824.4    |
| III                 | 126.0   | 168.1                    | 116.7                  | 110.1              | 809.6    |
| IV                  | 119.0   | 161.0                    | 111.3                  | 110.7              | 709.6    |

TABLE A-2 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL   | FINISHED<br>MANUFACTURES | SEMIMANU-<br>FACTURES | CRUDE<br>MATERIALS | FOODS   |          |
|---------------------|---------|--------------------------|-----------------------|--------------------|---------|----------|
|                     | (1)     | (2)                      | (3)                   | (4)                | (5)     |          |
|                     |         | 1923-1925=100            |                       |                    |         | \$ MILL. |
| 1930 I              | 116.9   | 153.1                    | 96.6                  | 102.8              | 658.0   |          |
| II                  | 110.5   | 140.5                    | 100.5                 | 87.5               | 640.8   |          |
| III                 | 104.9   | 121.9                    | 93.5                  | 121.9              | 674.4   |          |
| IV                  | 94.2    | 113.9                    | 87.7                  | 104.6              | 584.0   |          |
| 1931 I              | 93.3    | 106.8                    | 81.9                  | 102.1              | 564.8   |          |
| II                  | 90.6    | 100.2                    | 77.2                  | 105.4              | 619.2   |          |
| III                 | 83.3    | 97.2                     | 70.4                  | 93.1 T             | 574.8   |          |
| IV                  | 81.6    | 82.3                     | 61.3                  | 114.2              | 592.0   |          |
| 1932 I              | 76.2    | 65.3                     | 59.0                  | 135.7 P            | 522.0   |          |
| II                  | 68.4    | 61.1                     | 55.8                  | 114.2              | 539.2   |          |
| III                 | 60.7 T  | 53.5 T                   | 49.0 T                | 106.4              | 426.4   |          |
| IV                  | 62.7    | 55.2                     | 53.0                  | 102.9              | 438.4   |          |
| 1933 I              | 61.2    | 55.5                     | 55.2                  | 98.1 T             | 385.6   |          |
| II                  | 63.6    | 55.1                     | 58.2                  | 113.5              | 361.6   |          |
| III                 | 70.2    | 64.1                     | 65.6                  | 126.0 P            | 349.6 T |          |
| IV                  | 72.2    | 70.1                     | 72.8                  | 111.8              | 432.4   |          |
| 1934 I              | 75.6    | 74.6                     | 77.1                  | 108.5              | 453.6 P |          |
| II                  | 75.6 P  | 82.5                     | 75.1                  | 101.5              | 411.6   |          |
| III                 | 74.4    | 84.0                     | 81.8                  | 89.2               | 380.0   |          |
| IV                  | 65.7 T  | 80.4                     | 85.2                  | 80.4 T             | 292.8   |          |
| 1935 I              | 71.5    | 87.6                     | 84.7                  | 82.7               | 293.6   |          |
| II                  | 71.1    | 85.5                     | 76.3                  | 92.6               | 303.2   |          |
| III                 | 75.4    | 90.8                     | 82.3                  | 97.8               | 304.4   |          |
| IV                  | 83.9    | 97.1                     | 85.2                  | 107.4 P            | 336.0   |          |
| 1936 I              | 77.9    | 99.4                     | 85.5                  | 94.6               | 293.2   |          |
| II                  | 80.9    | 101.6                    | 89.7                  | 96.5               | 311.6   |          |
| III                 | 79.9    | 102.9                    | 85.8                  | 91.2               | 326.0   |          |
| IV                  | 80.5    | 110.1                    | 87.2                  | 91.5 T             | 244.0 T |          |
| 1937 I              | 90.0    | 125.0                    | 104.6                 | 94.1               | 288.4   |          |
| II                  | 102.9   | 139.4                    | 129.9                 | 102.4              | 290.0   |          |
| III                 | 106.4   | 145.3 P                  | 133.4 P               | 102.5              | 362.0   |          |
| IV                  | 109.8 P | 144.6                    | 124.4                 | 107.0              | 530.4   |          |
| 1938 I              | 109.2   | 139.3                    | 114.2                 | 109.6 P            | 698.0   |          |
| II                  | 106.1   | 130.3                    | 102.1                 | 95.9               | 894.4 P |          |
| III                 | 100.2   | 126.4 T                  | 95.4 T                | 98.0               | 698.4   |          |
| IV                  | 96.7 T  | 133.7                    | 108.9                 | 83.2 T             | 555.6   |          |

Foods in 1923-25 dollars, quarterly at annual rates.

TABLE A-2 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL   | FINISHED<br>MANUFACTURES | SEMIMANU-<br>FACTURES | CRUDE<br>MATERIALS | FOODS    |          |
|---------------------|---------|--------------------------|-----------------------|--------------------|----------|----------|
|                     | (1)     | (2)                      | (3)                   | (4)                | (5)      |          |
|                     |         | 1936-1938=100            |                       |                    |          | \$ MILL. |
| 1945 I              | 204.1   | 288.3                    | 117.6                 | 62.2 T             | 829.5 T  |          |
| II                  | 216.4   | 285.6                    | 113.9                 | 88.7               | 1002.8   |          |
| III                 | 191.3   | 225.2                    | 111.4 T               | 102.2              | 980.7    |          |
| IV                  | 181.0 T | 177.8 T                  | 125.4                 | 99.8               | 1216.9   |          |
| 1946 I              | 190.5   | 193.0                    | 122.4                 | 117.4              | 1368.0   |          |
| II                  | 196.0   | 209.4                    | 132.4                 | 123.2              | 1272.8   |          |
| III                 | 211.3   | 230.7                    | 132.5                 | 133.8 P            | 1162.6   |          |
| IV                  | 223.7   | 264.7                    | 138.1                 | 130.8              | 974.4    |          |
| 1947 I              | 268.9   | 332.2                    | 185.8                 | 132.6              | 1365.6   |          |
| II                  | 277.3   | 338.1 P                  | 205.1                 | 121.1              | 1489.5   |          |
| III                 | 280.0 P | 324.0                    | 224.2 P               | 106.3              | 1585.3 P |          |
| IV                  | 262.6   | 316.0                    | 199.9                 | 107.8              | 1319.7   |          |
| 1948 I              | 215.4   | 269.5                    | 158.2                 | 88.8               | 1062.7   |          |
| II                  | 202.3 T | 254.4                    | 139.9                 | 82.3 T             | 1053.6   |          |
| III                 | 212.2   | 239.3                    | 135.1 T               | 108.8              | 1248.1   |          |
| IV                  | 224.1   | 255.6                    | 136.2                 | 117.4              | 1326.2   |          |
| 1949 I              | 231.2 P | 262.7                    | 161.8 P               | 131.6              | 1266.1   |          |
| II                  | 226.6   | 252.1                    | 158.2                 | 149.7              | 1267.0   |          |
| III                 | 212.7   | 249.3                    | 148.6                 | 104.5              | 1163.9   |          |
| IV                  | 201.4   | 231.5                    | 131.4                 | 115.1              | 1081.4   |          |
| 1950 I              | 182.4 T | 206.6                    | 122.0                 | 128.1              | 781.4 T  |          |
| II                  | 183.0   | 205.6 T                  | 120.4 T               | 138.4              | 824.3    |          |
| III                 | 187.8   | 212.8                    | 129.1                 | 129.6              | 868.5    |          |
| IV                  | 193.1   | 224.6                    | 135.9                 | 112.9              | 940.9    |          |
| 1951 I              | 207.9   | 241.4                    | 133.4                 | 115.6              | 1124.6   |          |
| II                  | 225.0   | 256.5                    | 150.6                 | 124.3              | 1337.4 P |          |
| III                 | 239.3   | 276.4 P                  | 171.4 P               | 137.6              | 1236.1   |          |
| IV                  | 245.0   | 265.8                    | 158.0                 | 188.4 P            | 1113.7   |          |
| 1952 I              | 249.7 P | 278.4 (P)                | 165.3                 | 164.0              | 1278.6   |          |
| II                  | 219.4   | 255.0                    | 160.0                 | 112.2              | 1115.6   |          |
| III                 | 197.2   | 244.6 T                  | 136.8                 | 102.6              | 887.6    |          |
| IV                  | 203.2   | 246.6                    | 143.3                 | 105.3              | 1033.3   |          |
| 1953 I              | 201.5   | 248.9                    | 130.4                 | 98.8 T             | 967.1    |          |
| II                  | 204.2   | 259.4                    | 125.5 T               | 105.8              | 810.3    |          |
| III                 | 209.8   | 262.2                    | 136.5                 | 110.2              | 966.5    |          |
| IV                  | 202.9   | 252.5                    | 156.3                 | 106.3              | 873.8    |          |
| 1954 I              | 192.5 T | 232.7                    | 155.7                 | 110.0              | 740.8 T  |          |
| II                  | 227.6   | 274.3                    | 176.1                 | 122.6              | 901.8    |          |
| III                 | 213.9   | 263.9                    | 133.1                 | 107.2              | 854.8    |          |
| IV                  | 230.6   | 269.6                    | 188.9                 | 135.7              | 1021.0   |          |

TABLE A-2 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL              | FINISHED<br>MANUFACTURES | SEMIMANU-<br>FACTURES | CRUDE<br>MATERIALS | FOODS               |
|---------------------|--------------------|--------------------------|-----------------------|--------------------|---------------------|
|                     | (1)                | (2)                      | (3)                   | (4)                | (5)                 |
|                     |                    | 1936-1938=100            |                       |                    | \$ MILL.            |
| 1955 I              | 236.4              | 274.9                    | 206.6                 | 125.8              | 1101.0              |
| II                  | 230.7              | 268.8                    | 202.8                 | 113.9              | 1049.7              |
| III                 | 243.1              | 277.2                    | 215.6                 | 126.1              | 1251.1              |
| IV                  | 244.0              | 283.7                    | 212.3                 | 120.9              | 1244.3              |
| 1956 I              | 256.9              | 302.7                    | 215.9                 | 117.5              | 1359.8              |
| II                  | 274.8              | 306.2                    | 217.2                 | 148.2              | 1602.4              |
| III                 | 282.7              | 308.6                    | 222.5                 | 170.5              | 1611.1              |
| IV                  | 299.9              | 311.6                    | 255.1                 | 198.6              | 1682.2 P            |
| 1957 I              | 321.0 <sup>P</sup> | 321.9                    | 307.6 <sup>P</sup>    | 241.7 <sup>P</sup> | 1626.8              |
| II                  | 313.0              | 327.6(P)                 | 288.8                 | 212.5              | 1529.1              |
| III                 | 297.4              | 326.9                    | 256.5                 | 189.2              | 1395.0              |
| IV                  | 283.2              | 325.6 P                  | 232.8                 | 160.8              | 1346.4              |
| 1958 I              | 260.8              | 298.4                    | 205.5 <sup>T</sup>    | 146.6              | 1302.4 <sup>T</sup> |
| II                  | 258.6              | 286.8                    | 206.4                 | 149.4              | 1432.0              |
| III                 | 255.5              | 281.7                    | 207.5                 | 141.1              | 1455.9              |
| IV                  | 255.1              | 286.0                    | 229.5                 | 123.2              | 1449.2              |
| 1959 I              | 245.2 <sup>T</sup> | 278.2 <sup>T</sup>       | 211.5                 | 110.7 <sup>T</sup> | 1412.8              |
| II                  | 251.0              | 276.5(T)                 | 219.3                 | 117.3              | 1455.1              |
| III                 | 268.7              | 286.3                    | 239.2                 | 130.4              | 1721.9              |
| IV                  | 260.5              | 277.5                    | 225.9                 | 153.1              | 1572.0              |
| 1960 I              | 292.5              | 296.3                    | 287.4                 | 187.6              | 1663.0              |
| II                  | 308.0              | 313.7                    | 333.5                 | 170.0              | 1655.1              |
| III                 | 309.6              | 315.8                    | 343.0 <sup>P</sup>    | 161.1              | 1763.0              |
| IV                  | 311.5              | 315.2                    | 319.4                 | 184.6 P            | 1814.3              |
| 1961 I              | 314.7              | 317.5                    | 322.0                 | 189.9(P)           | 1885.0              |
| II                  | 294.2              | 304.0                    | 297.3                 | 148.3              | 1763.1              |
| III                 | 305.5              | 320.3                    | 288.7 <sup>T</sup>    | 166.3              | 1787.4              |
| IV                  | 316.8              | 333.1                    | 304.0                 | 156.2              | 2110.0              |
| 1962 I              | 315.7              | 339.4                    | 294.4                 | 135.2 <sup>T</sup> | 2081.6              |
| II                  | 331.1              | 352.7                    | 291.0                 | 156.7              | 2175.5              |
| III                 | 324.3              | 348.0                    | 301.5                 | 147.9              | 2093.4              |
| IV                  | 311.8              | 344.3                    | 296.2                 | 142.4              | 1885.1              |
| 1963 I              | 316.3              | 339.3                    | 293.9                 | 146.2              | 1979.5              |
| II                  | 342.4              | 357.3                    | 329.9                 | 164.3              | 2276.3              |
| III                 | 349.5              | 359.1                    | 335.5                 | 172.3              | 2274.0              |
| IV                  | 268.7              | 376.7                    | 354.6                 | 183.3              | 2536.5              |

Foods in 1936-38 dollars, quarterly at annual rates.

TABLE A-3  
 U.S. EXPORT PRICES, QUARTERLY INDEXES, 1879-1963  
 SEASONALLY ADJUSTED

| YEAR AND<br>QUARTER | TOTAL   | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS   |
|---------------------|---------|--------------------------|---|---------|
|                     | (1)     | (2)                      | (3) & (4)                               | (5)     |
| 1913=100            |         |                          |   |         |
| 1879 I              | 87.3    | 122.9                    | 78.8                                    | 79.6    |
| II                  | 91.0    | 123.8                    | 85.5                                    | 80.0    |
| III                 | 94.1    | 118.1 T                  | 86.8                                    | 84.2    |
| IV                  | 99.6    | 118.1                    | 91.0                                    | 94.3    |
| 1880 I              | 103.7   | 126.4                    | 96.8 P                                  | 95.2    |
| II                  | 101.4   | 130.2                    | 95.9                                    | 90.7    |
| III                 | 101.0   | 135.6 P                  | 93.5                                    | 90.2    |
| IV                  | 101.2   | 134.8                    | 93.5                                    | 91.7    |
| 1881 I              | 101.2   | 127.4                    | 92.6                                    | 94.1    |
| II                  | 102.3   | 123.8                    | 90.9 T                                  | 98.9    |
| III                 | 106.1   | 124.7                    | 93.3                                    | 103.1   |
| IV                  | 107.0   | 123.6                    | 94.5                                    | 106.9   |
| 1882 I              | 106.0   | 123.1                    | 94.2                                    | 105.0   |
| II                  | 108.1   | 124.5                    | 95.5                                    | 109.4   |
| III                 | 110.8 P | 120.8                    | 96.3 P                                  | 111.6 P |
| IV                  | 105.5   | 123.3                    | 93.3                                    | 106.4   |
| 1883 I              | 102.7   | 122.7                    | 89.0                                    | 104.3   |
| II                  | 103.9   | 122.4                    | 89.4                                    | 106.0   |
| III                 | 101.9   | 121.6                    | 90.0                                    | 98.5    |
| IV                  | 98.8    | 119.9                    | 87.6                                    | 97.8    |
| 1884 I              | 100.1   | 125.6                    | 89.5                                    | 98.2    |
| II                  | 101.7   | 124.4                    | 91.5                                    | 95.7    |
| III                 | 98.4    | 121.9                    | 90.8                                    | 90.7    |
| IV                  | 93.6    | 118.0                    | 88.2                                    | 85.7    |
| 1885 I              | 92.5    | 114.8                    | 88.4                                    | 83.6    |
| II                  | 92.6    | 114.9                    | 87.4                                    | 83.5    |
| III                 | 91.6    | 116.2                    | 85.9                                    | 82.2    |
| IV                  | 89.0    | 116.7                    | 84.1                                    | 80.3    |
| 1886 I              | 86.6    | 111.9                    | 81.7                                    | 78.3    |
| II                  | 86.8    | 109.0                    | 81.3                                    | 78.2    |
| III                 | 86.2    | 108.7                    | 80.9                                    | 77.7    |
| IV                  | 84.4    | 106.7                    | 79.6 T                                  | 77.4 T  |
| 1887 I              | 84.8    | 106.3                    | 79.7                                    | 77.9    |
| II                  | 86.5    | 106.2                    | 79.9                                    | 78.9    |
| III                 | 85.5    | 105.6 T                  | 79.6                                    | 77.7    |
| IV                  | 86.0    | 106.4                    | 82.1                                    | 78.5    |

TABLE A-3 (CONTINUED)

| YEAR AND QUARTER |     | TOTAL  | FINISHED MANUFACTURES | SEMIMANUFACTURES AND CRUDE MATERIALS | FOODS  |
|------------------|-----|--------|-----------------------|--------------------------------------|--------|
|                  |     | (1)    | (2)                   | (3) & (4)                            | (5)    |
| 1913=100         |     |        |                       |                                      |        |
| 1888             | I   | 88.7   | 110.4                 | 84.0                                 | 81.1   |
|                  | II  | 89.9   | 112.8 P               | 82.8                                 | 82.3   |
|                  | III | 90.5   | 111.2                 | 84.1                                 | 82.9   |
|                  | IV  | 90.6 P | 109.8                 | 85.0 P                               | 85.8 P |
| 1889             | I   | 89.9   | 108.3                 | 83.6                                 | 80.9   |
|                  | II  | 84.1   | 105.7                 | 82.5                                 | 75.9   |
|                  | III | 82.0   | 106.4                 | 80.3 T                               | 74.8   |
|                  | IV  | 87.6   | 106.7                 | 82.8                                 | 74.4   |
| 1890             | I   | 84.9   | 105.8                 | 82.6                                 | 73.5 T |
|                  | II  | 82.3 T | 105.0                 | 81.7                                 | 74.0   |
|                  | III | 83.4   | 103.9                 | 83.9 P                               | 76.0   |
|                  | IV  | 89.7 P | 103.8                 | 83.8                                 | 78.8   |
| 1891             | I   | 88.4   | 102.7                 | 82.9                                 | 80.2   |
|                  | II  | 89.1   | 101.7                 | 82.0                                 | 88.0   |
|                  | III | 87.2   | 99.4                  | 78.1                                 | 88.4 P |
|                  | IV  | 88.0   | 97.0                  | 76.5                                 | 87.1   |
| 1892             | I   | 84.8   | 94.5                  | 75.0                                 | 83.5   |
|                  | II  | 81.0   | 92.9                  | 74.0                                 | 79.9   |
|                  | III | 79.2   | 91.3                  | 70.5 T                               | 80.6   |
|                  | IV  | 82.1   | 89.7                  | 72.5                                 | 80.7   |
| 1893             | I   | 85.4   | 89.1                  | 77.2 P                               | 85.6   |
|                  | II  | 81.5   | 87.8                  | 71.7                                 | 85.2   |
|                  | III | 76.8   | 86.6                  | 67.3                                 | 80.0   |
|                  | IV  | 78.6   | 85.1                  | 67.9                                 | 79.2   |
| 1894             | I   | 75.3   | 83.4                  | 65.8                                 | 75.4   |
|                  | II  | 71.7   | 81.6                  | 65.7                                 | 71.1   |
|                  | III | 70.4   | 81.4 T                | 63.0                                 | 72.1   |
|                  | IV  | 68.5   | 81.8                  | 54.5                                 | 72.1   |
| 1895             | I   | 67.1 T | 83.4                  | 54.0 T                               | 69.4   |
|                  | II  | 71.8   | 90.9                  | 59.9                                 | 73.1   |
|                  | III | 73.0   | 93.9                  | 65.2                                 | 71.3   |
|                  | IV  | 75.9 P | 97.6                  | 69.9 P                               | 66.6   |
| 1896             | I   | 73.5   | 98.3 P                | 66.6                                 | 65.9   |
|                  | II  | 71.0   | 98.1                  | 65.3                                 | 63.6   |
|                  | III | 68.2   | 96.9                  | 65.5                                 | 59.8 T |
|                  | IV  | 71.5   | 94.7                  | 63.9                                 | 64.1   |
| 1897             | I   | 69.7   | 92.6                  | 63.2                                 | 63.9   |
|                  | II  | 68.6   | 89.5                  | 60.6                                 | 63.5   |
|                  | III | 69.8   | 87.3                  | 59.8                                 | 68.6   |
|                  | IV  | 69.3   | 84.5                  | 59.0                                 | 70.9   |

TABLE A-3 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL | FINISHED<br>MANUFACTURES | SEMIMANUFACTURES<br>AND CRUDE MATERIALS | FOODS   |        |
|---------------------|-------|--------------------------|---|---------|--------|
|                     | (1)   | (2)                      | (3) & (4)                               | (5)     |        |
| 1913=100            |       |                          |   |         |        |
| 1898                | I     | 68.2                     | 81.4 T                                  | 56.6    | 70.6   |
|                     | II    | 72.4                     | 82.2                                    | 56.5    | 77.6 P |
|                     | III   | 67.8                     | 82.8                                    | 56.0    | 69.4   |
|                     | IV    | 66.6                     | 84.4                                    | 55.7 T  | 68.6   |
| 1899                | I     | 68.6                     | 86.5                                    | 58.0    | 70.4   |
|                     | II    | 72.0                     | 88.0                                    | 62.8    | 69.0 T |
|                     | III   | 74.0                     | 92.4                                    | 67.1    | 69.4   |
|                     | IV    | 75.0                     | 95.7                                    | 68.9    | 70.3   |
| 1900                | I     | 78.9                     | 100.1                                   | 73.3    | 70.2   |
|                     | II    | 82.5                     | 101.3 P                                 | 77.3    | 72.7   |
|                     | III   | 83.3 P                   | 97.8                                    | 81.3 P  | 73.9   |
|                     | IV    | 81.2                     | 95.5                                    | 80.6    | 73.7   |
| 1901                | I     | 80.4                     | 95.9                                    | 76.8    | 73.5   |
|                     | II    | 79.8                     | 94.1                                    | 71.8    | 76.5   |
|                     | III   | 80.3                     | 94.0                                    | 74.3    | 77.6   |
|                     | IV    | 78.6 T                   | 94.4                                    | 72.2    | 79.8   |
| 1902                | I     | 79.1                     | 92.7 T                                  | 70.7 T  | 81.9   |
|                     | II    | 84.4                     | 94.8                                    | 75.7    | 84.9 P |
|                     | III   | 83.2                     | 95.1                                    | 75.6    | 84.5   |
|                     | IV    | 81.3                     | 96.0                                    | 74.4    | 84.0   |
| 1903                | I     | 83.6                     | 97.6                                    | 76.5    | 83.7   |
|                     | II    | 87.8                     | 98.3                                    | 83.1    | 82.1   |
|                     | III   | 88.1                     | 100.1                                   | 86.1    | 80.7   |
|                     | IV    | 88.1                     | 100.9                                   | 88.2    | 79.8   |
| 1904                | I     | 93.3 P                   | 101.1 P                                 | 97.7 P  | 80.1   |
|                     | II    | 90.8                     | 100.2                                   | 91.3    | 77.2   |
|                     | III   | 86.4                     | 98.8                                    | 83.4    | 79.0   |
|                     | IV    | 82.7                     | 96.6                                    | 79.3    | 79.5   |
| 1905                | I     | 78.4 T                   | 95.3                                    | 71.5 T  | 76.0 T |
|                     | II    | 81.6                     | 94.2                                    | 74.3    | 78.9   |
|                     | III   | 86.3                     | 93.5 T                                  | 85.9    | 79.7   |
|                     | IV    | 88.4                     | 95.4                                    | 91.2    | 79.8   |
| 1906                | I     | 89.0                     | 95.5                                    | 90.7    | 80.8   |
|                     | II    | 90.9                     | 97.4                                    | 90.6    | 81.1   |
|                     | III   | 89.6                     | 98.8                                    | 89.0    | 81.3   |
|                     | IV    | 91.1                     | 99.6                                    | 92.9    | 82.9   |
| 1907                | I     | 93.1                     | 100.6                                   | 93.8    | 84.0   |
|                     | II    | 96.8                     | 102.1                                   | 97.2    | 87.2   |
|                     | III   | 99.1 P                   | 103.4 P                                 | 101.6 P | 91.0   |
|                     | IV    | 94.8                     | 102.7                                   | 93.1    | 95.1   |

TABLE A-3 (CONTINUED)

| YEAR AND QUARTER |     | TOTAL   | FINISHED MANUFACTURES | SEMIMANUFACTURES AND CRUDE MATERIALS | FOODS   |
|------------------|-----|---------|-----------------------|--------------------------------------|---------|
|                  |     | (1)     | (2)                   | (3) & (4)                            | (5)     |
| 1913=100         |     |         |                       |                                      |         |
| 1908             | I   | 93.6    | 102.8                 | 90.4                                 | 90.7    |
|                  | II  | 92.2    | 101.5                 | 85.5                                 | 90.4    |
|                  | III | 90.6    | 100.0                 | 83.0                                 | 94.3    |
|                  | IV  | 86.4 T  | 98.2                  | 80.0 T                               | 94.6    |
| 1909             | I   | 88.5    | 97.9                  | 81.0                                 | 93.3    |
|                  | II  | 91.6    | 97.4                  | 83.4                                 | 97.8    |
|                  | III | 95.3    | 96.7 T                | 92.9                                 | 98.8    |
|                  | IV  | 100.8   | 98.2                  | 104.3                                | 100.4   |
| 1910             | I   | 102.4 P | 98.5                  | 104.2                                | 103.0   |
|                  | II  | 101.5   | 99.0                  | 100.3                                | 104.1   |
|                  | III | 100.7   | 99.4 P                | 100.0                                | 105.2 P |
|                  | IV  | 102.4   | 98.3                  | 107.0 P                              | 100.6   |
| 1911             | I   | 100.4   | 97.3                  | 103.7                                | 96.0    |
|                  | II  | 96.8    | 94.8 T                | 98.2                                 | 93.0 T  |
|                  | III | 92.8    | 94.8                  | 91.0                                 | 94.7    |
|                  | IV  | 89.0 T  | 95.5                  | 85.0 T                               | 97.3    |
| 1912             | I   | 91.5    | 95.7                  | 86.7                                 | 98.2    |
|                  | II  | 96.1    | 96.6                  | 91.6                                 | 100.9   |
|                  | III | 97.5    | 98.1                  | 96.1                                 | 100.4   |
|                  | IV  | 97.9    | 98.8                  | 98.8                                 | 100.7   |
| 1913             | I   | 100.8   | 99.7                  | 101.0 P                              | 97.2    |
|                  | II  | 101.6 P | 100.8 P               | 98.5                                 | 100.1   |
|                  | III | 101.0   | 99.0                  | 100.5                                | 103.6   |
|                  | IV  | 96.4    | 97.6                  | 100.7                                | 101.1   |
| 1914             | I   | 97.0    | 95.9                  | 97.3                                 | 102.2   |
|                  | II  | 98.6    | 93.9                  | 97.3                                 | 102.6   |
|                  | III | 102.2   | 92.4                  | 97.9                                 | 108.1   |
|                  | IV  | 93.6    | 93.1                  | 81.8                                 | 111.3   |

TABLE A-3 (CONTINUED)

| YEAR AND QUARTER | TOTAL   | FINISHED MANUFACTURES | SEMIMANUFACTURES | CRUDE MATERIALS | FOODS   |
|------------------|---------|-----------------------|------------------|-----------------|---------|
|                  | (1)     | (2)                   | (3)              | (4)             | (5)     |
| 1923-1925=100    |         |                       |                  |                 |         |
| 1920 I           | 150.2   | 135.3                 | 154.5            | 152.7           | 166.4   |
| II               | 157.6   | 145.8                 | 161.0            | 157.8           | 171.7   |
| III              | 161.8 P | 151.3 P               | 160.2            | 158.4 P         | 179.6 P |
| IV               | 144.0   | 147.2                 | 153.2            | 116.2           | 165.6   |
| 1921 I           | 120.7   | 134.4                 | 129.7            | 89.1            | 126.5   |
| II               | 101.7   | 121.2                 | 107.2            | 71.9            | 101.6   |
| III              | 94.4    | 108.8                 | 96.1             | 70.1 T          | 97.7    |
| IV               | 92.7    | 104.3                 | 95.0             | 82.0            | 90.4    |
| 1922 I           | 92.1 T  | 102.7                 | 94.5             | 83.4            | 85.4 T  |
| II               | 92.2    | 100.4                 | 92.2 T           | 80.2            | 90.7    |
| III              | 96.5    | 100.9                 | 96.4             | 91.3            | 91.5    |
| IV               | 97.3    | 100.3                 | 98.6             | 97.4            | 92.0    |
| 1923 I           | 102.4   | 101.9                 | 103.2            | 109.3           | 93.2 P  |
| II               | 101.9   | 102.5                 | 107.4 P          | 103.4           | 91.6    |
| III              | 98.2    | 100.3                 | 99.8             | 100.8           | 88.6    |
| IV               | 101.6   | 97.3                  | 97.7             | 114.7           | 91.4    |
| 1924 I           | 102.8 P | 99.0                  | 99.0             | 117.9 P         | 89.0    |
| II               | 99.7    | 100.9                 | 96.9             | 108.8           | 85.3 T  |
| III              | 97.4 T  | 98.9                  | 94.7 T           | 98.6            | 96.4    |
| IV               | 98.6    | 96.7                  | 97.3             | 92.7            | 110.5   |
| 1925 I           | 101.3   | 96.1 T                | 102.1            | 93.3            | 119.6 P |
| II               | 101.7   | 98.3                  | 101.0            | 93.5            | 113.8   |
| III              | 102.4 P | 98.3                  | 101.6            | 94.7            | 114.3   |
| IV               | 98.7    | 98.3                  | 102.9 P          | 88.0            | 109.3   |
| 1926 I           | 97.0    | 100.4                 | 102.3            | 81.4            | 107.8   |
| II               | 96.0    | 101.3                 | 99.7             | 77.1            | 115.3   |
| III              | 96.3    | 100.6 P               | 102.0            | 77.5            | 103.4   |
| IV               | 89.6    | 98.6                  | 100.3            | 65.3            | 101.1   |
| 1927 I           | 87.7    | 97.6                  | 98.0             | 63.0 T          | 100.7   |
| II               | 85.7 T  | 92.4 T                | 95.6             | 64.5            | 99.6    |
| III              | 88.4    | 93.7                  | 92.4             | 77.3            | 100.5   |
| IV               | 90.0    | 94.7                  | 92.4 T           | 84.1 P          | 97.2    |
| 1928 I           | 88.0    | 93.3                  | 93.0             | 78.4            | 97.6    |
| II               | 88.4    | 93.4                  | 92.7             | 79.6            | 99.5    |
| III              | 89.3 P  | 95.8 P                | 93.3             | 79.0            | 94.8    |
| IV               | 88.6    | 94.7                  | 94.7             | 78.9            | 91.7    |
| 1929 I           | 88.4    | 90.4                  | 99.7             | 78.8            | 92.7    |
| II               | 88.4    | 92.4                  | 101.7 P          | 76.7            | 90.2    |
| III              | 88.4    | 90.4                  | 98.7             | 76.7            | 94.4    |
| IV               | 88.4    | 90.4                  | 98.7             | 75.7            | 95.6    |

TABLE A-3 (CONTINUED)

| YEAR AND QUARTER | TOTAL  | FINISHED MANUFACTURES | SEMIMANUFACTURES | CRUDE MATERIALS | FOODS  |
|------------------|--------|-----------------------|------------------|-----------------|--------|
|                  | (1)    | (2)                   | (3)              | (4)             | (5)    |
| 1923-1925=100    |        |                       |                  |                 |        |
| 1930 I           | 86.4   | 89.3                  | 97.7             | 71.7            | 92.2   |
| II               | 82.3   | 87.3                  | 89.7             | 66.6            | 88.0   |
| III              | 77.2   | 86.2                  | 82.7             | 56.5            | 82.0   |
| IV               | 71.1   | 81.1                  | 76.7             | 50.5            | 78.6   |
| 1931 I           | 68.1   | 78.0                  | 73.8             | 48.5            | 71.1   |
| II               | 64.0   | 71.9                  | 72.8             | 45.4            | 65.2   |
| III              | 57.9   | 65.7                  | 67.8             | 38.4            | 61.3   |
| IV               | 53.9   | 62.6                  | 64.8             | 34.3            | 58.7   |
| 1932 I           | 53.9   | 64.7                  | 60.8             | 34.3            | 53.5   |
| II               | 52.8   | 63.6                  | 58.8             | 33.3            | 51.2   |
| III              | 52.8   | 64.7                  | 56.8             | 35.3            | 49.6   |
| IV               | 50.8   | 63.6                  | 56.8             | 33.3            | 48.0   |
| 1933 I           | 48.7   | 58.5                  | 53.8             | 32.3            | 45.0   |
| II               | 44.5   | 51.2                  | 49.7             | 31.8            | 42.7   |
| III              | 40.2   | 42.8                  | 44.4             | 30.0            | 40.9   |
| IV               | 38.7   | 42.4                  | 43.1             | 28.7 T          | 37.0   |
| 1934 I           | 38.5   | 40.8                  | 42.0             | 30.2            | 34.4   |
| II               | 37.4 T | 39.6                  | 42.6             | 29.9            | 33.4 T |
| III              | 39.0   | 40.0                  | 41.2             | 32.2            | 36.4   |
| IV               | 39.2   | 39.0 T                | 39.0 T           | 32.9            | 38.9   |
| 1935 I           | 39.2   | 39.6                  | 39.1             | 33.0            | 40.4   |
| II               | 39.2   | 39.6                  | 40.8             | 31.8            | 40.1   |
| III              | 39.1   | 40.1                  | 40.7             | 31.7            | 41.2   |
| IV               | 38.7   | 39.7                  | 42.1             | 30.6            | 40.4   |
| 1936 I           | 39.5   | 39.9                  | 42.3             | 31.5            | 39.1   |
| II               | 39.3   | 39.7                  | 42.7             | 31.8            | 39.9   |
| III              | 40.4   | 40.2                  | 43.2             | 32.3            | 41.9   |
| IV               | 40.8   | 40.6                  | 44.2             | 32.8            | 43.2   |
| 1937 I           | 42.0   | 40.6                  | 49.5             | 34.0            | 44.6   |
| II               | 43.8 P | 41.3                  | 53.6             | 35.2 P          | 46.5 P |
| III              | 43.2   | 42.5                  | 53.6 P           | 32.8            | 46.3   |
| IV               | 40.8   | 43.1 P                | 50.6             | 28.0            | 41.8   |
| 1938 I           | 40.8   | 41.9                  | 48.9             | 28.0            | 40.0   |
| II               | 39.0   | 41.3                  | 44.8             | 28.6            | 37.5   |
| III              | 38.4   | 40.6                  | 44.2             | 28.0            | 35.4   |
| IV               | 38.4   | 40.6                  | 45.4             | 27.4            | 33.4   |

TABLE A-3 (CONTINUED)

| YEAR AND<br>QUARTER | TOTAL   | FINISHED<br>MANUFACTURES | SEMIMANU-<br>FACTURES | CRUDE<br>MATERIALS | FOODS   |
|---------------------|---------|--------------------------|-----------------------|--------------------|---------|
|                     | (1)     | (2)                      | (3)                   | (4)                | (5)     |
| 1936-1938=100       |         |                          |                       |                    |         |
| 1945 I              | 173.9   | 189.4                    | 133.4                 | 149.8              | 171.0   |
| II                  | 170.3   | 181.6                    | 130.8                 | 148.7              | 172.0   |
| III                 | 160.7   | 167.6                    | 127.4                 | 148.2 T            | 174.8   |
| IV                  | 147.0   | 147.9 T                  | 125.4                 | 148.2              | 172.8   |
| 1946 I              | 149.1   | 148.7                    | 124.0 T               | 152.7              | 171.0T  |
| II                  | 154.4   | 152.9                    | 127.8                 | 159.3              | 173.0   |
| III                 | 160.7   | 154.7                    | 133.7                 | 171.6              | 190.5   |
| IV                  | 172.0   | 166.9                    | 141.6                 | 185.4              | 208.3   |
| 1947 I              | 180.0   | 173.6                    | 156.4                 | 195.4              | 208.8   |
| II                  | 189.3   | 182.0                    | 167.4                 | 203.8              | 216.7   |
| III                 | 194.8   | 188.8                    | 173.6                 | 208.3              | 217.3   |
| IV                  | 200.0   | 192.7                    | 178.8                 | 210.7              | 236.5   |
| 1948 I              | 202.8 P | 193.3                    | 182.9                 | 225.1              | 241.1 P |
| II                  | 201.4   | 193.3                    | 183.3                 | 229.3 P            | 229.7   |
| III                 | 201.9   | 193.2 P                  | 187.5 P               | 223.2              | 227.6   |
| IV                  | 197.9   | 192.2                    | 187.4                 | 220.5              | 206.1   |
| 1949 I              | 192.8   | 189.0                    | 182.7                 | 214.3              | 198.5   |
| II                  | 188.4   | 185.5                    | 177.3                 | 212.0              | 190.2   |
| III                 | 182.9   | 181.6                    | 166.9                 | 213.5              | 183.3   |
| IV                  | 178.8   | 177.8                    | 164.8                 | 208.2              | 176.1   |
| 1950 I              | 175.9   | 177.9                    | 163.1 T               | 204.2 T            | 162.9   |
| II                  | 174.4 T | 174.7 T                  | 164.7                 | 212.2              | 155.3 T |
| III                 | 180.9   | 177.9                    | 169.8                 | 228.1              | 165.3   |
| IV                  | 191.9   | 187.5                    | 184.5                 | 244.7              | 170.1   |
| 1951 I              | 200.8   | 194.0                    | 202.4                 | 260.6              | 181.2   |
| II                  | 210.2 P | 200.7                    | 210.8                 | 275.2 P            | 194.3   |
| III                 | 207.1   | 200.9                    | 212.5 P               | 251.6              | 192.2   |
| IV                  | 205.0   | 200.5                    | 211.4                 | 245.6              | 189.8   |
| 1952 I              | 205.9   | 200.1                    | 207.8                 | 252.4              | 193.7   |
| II                  | 206.3   | 200.8                    | 206.4                 | 244.2              | 198.3P  |
| III                 | 206.0   | 200.8                    | 205.4                 | 242.6              | 194.0   |
| IV                  | 203.9   | 199.3                    | 204.4                 | 239.6              | 189.8   |
| 1953 I              | 203.9   | 202.2                    | 199.9                 | 230.8              | 189.6   |
| II                  | 201.5   | 199.9                    | 200.7                 | 229.8(T)           | 186.9   |
| III                 | 203.9   | 201.8                    | 201.8                 | 230.2 T            | 192.0   |
| IV                  | 204.7   | 202.1P                   | 197.6(T)              | 231.3              | 194.3   |
| 1954 I              | 201.9   | 199.2                    | 200.4                 | 234.8              | 185.2   |
| II                  | 202.6   | 201.1                    | 198.8 T               | 236.4              | 180.7   |
| III                 | 201.0   | 198.9                    | 199.0                 | 235.8              | 174.8   |
| IV                  | 201.5   | 198.9T                   | 199.7                 | 236.1              | 175.5   |

TABLE A-3 (CONTINUED)

| YEAR AND QUARTER | TOTAL   | FINISHED MANUFACTURES | SEMIMANUFACTURES | CRUDE MATERIALS | FOODS    |
|------------------|---------|-----------------------|------------------|-----------------|----------|
|                  | (1)     | (2)                   | (3)              | (4)             | (5)      |
| 1936-1938=100    |         |                       |                  |                 |          |
| 1955 I           | 200.8 T | 199.1                 | 203.1            | 233.8           | 172.8    |
| II               | 202.8   | 201.3                 | 208.9            | 234.0           | 170.2    |
| III              | 204.9   | 204.0                 | 215.4            | 235.4           | 166.6    |
| IV               | 206.5   | 206.6                 | 223.7            | 234.9           | 161.7 T  |
| 1956 I           | 210.5   | 208.8                 | 231.9            | 236.6           | 164.7    |
| II               | 211.1   | 209.6                 | 239.2            | 237.1           | 165.4    |
| III              | 212.0   | 212.0                 | 231.8            | 233.1           | 166.5    |
| IV               | 213.4   | 214.6                 | 236.1            | 229.1           | 167.7    |
| 1957 I           | 217.5   | 219.7                 | 241.2 P          | 232.8           | 171.5    |
| II               | 218.5   | 223.9                 | 231.6            | 232.4           | 167.2    |
| III              | 219.9   | 226.0                 | 227.6            | 234.7           | 168.3    |
| IV               | 220.2 P | 228.4 P               | 217.5            | 239.2 P         | 169.3    |
| 1958 I           | 217.8   | 227.7                 | 208.7            | 234.3           | 167.5    |
| II               | 216.6   | 227.2 T               | 204.7 T          | 229.4           | 169.1    |
| III              | 215.7 T | 226.7                 | 205.3            | 228.2           | 169.0 P  |
| IV               | 217.0   | 227.4                 | 209.3            | 228.0           | 169.6(P) |
| 1959 I           | 217.2   | 229.8                 | 210.2            | 224.0           | 167.1    |
| II               | 217.5   | 231.5                 | 211.2            | 223.1           | 166.2    |
| III              | 218.4   | 233.5                 | 212.0            | 222.8           | 163.5    |
| IV               | 218.9   | 235.2                 | 215.6 P          | 218.0(T)        | 160.4    |
| 1960 I           | 218.4   | 234.8                 | 215.4            | 219.5 T         | 159.8 T  |
| II               | 219.2   | 235.7                 | 212.5            | 218.8           | 160.5    |
| III              | 222.4   | 239.3                 | 212.8            | 219.8           | 160.3    |
| IV               | 218.9   | 238.1                 | 208.4            | 221.9           | 160.5    |
| 1961 I           | 221.5   | 239.8                 | 206.3            | 223.8           | 160.7    |
| II               | 223.9   | 242.7                 | 211.6            | 234.5           | 160.5    |
| III              | 224.7   | 241.5                 | 211.1            | 231.0           | 162.9    |
| IV               | 225.9 P | 244.0                 | 206.9            | 232.6           | 161.8    |
| 1962 I           | 223.4   | 243.7                 | 206.1            | 230.7           | 162.7    |
| II               | 221.5   | 240.6                 | 200.5            | 230.2           | 163.6    |
| III              | 220.1   | 241.5                 | 193.5            | 230.9           | 163.3    |
| IV               | 221.9   | 242.2                 | 191.8            | 228.2           | 166.2    |
| 1963 I           | 221.2   | 241.7                 | 193.1            | 228.3           | 165.7    |
| II               | 221.3   | 242.4                 | 191.8            | 229.0           | 166.3    |
| III              | 220.4   | 241.5                 | 191.7            | 228.9           | 167.2    |
| IV               | 219.1   | 240.3                 | 193.5            | 231.9           | 166.8    |

Note: P = Peak of series; T = Trough. (P)(T) = Peak or Trough differing from turns used in analysis due to revision in the series.