13. PRICES

GENERAL NOTE.—The wholesale-price index of the Department of Labor is based on primary market quotations of 784 commodities beginning 1926 and 813 beginning January 1938; a smaller number of commodities was covered in earlier years. The price of each article is weighted by the approximate quantity marketed during a period approximating that covered by the index. Beginning with 1921, in computing indexes for commodity groups, articles falling under more than one of the classifications were included under each classification. For example, articles produced on the farm which reach the consumer practically unchanged in form, such as potatoes, milk, and eggs, were included among both farm products and foods. However, in computing the index for all commodities such articles were counted only once.

The retail-food-price index presented in this section, with the exception of the "old series" shown in table 356, is a revised series. The revised indexes are computed from aggregate costs of 42 foods in 51 large cities prior to January 1, 1935, and of 84 foods since that date. To obtain the aggregate cost in each city, the average prices of individual foods were combined by means of weights based on total purchases of wage earners and lower salaried workers in 1918. City costs were combined with the use of population weights to determine the cost for the United States as a whole. Prices were collected monthly, except for the period September 1933 to June 1936, inclusive, when they were collected every 2 weeks.

The farm-price index is based on prices paid to producers for 34 major crops and, beginning 1924, also 13 commercial truck crops. Average quotations for the period August 1909–July 1914 are used as a base, and each price series is weighted by the average annual marketings of farmers in the years 1924 to 1929.

No. 348.—WHOLESALE, RETAIL, AND FARM PRICES: INDEX NUMBERS

Year	Yearly average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Wholesale prices (1926 avg.=100):													
1922	96.7	91.4	92.9	92.8	93.2	96.1	96.3	99.4	98.6	99.3	99.6	100.5	100.7
1923	100.6	102.0	103.3	104.5	103.9	101.9	100.3	98.4	97.8	99.7	99.4	98.4	98.1
1924	98.1	99.6	99.7	98.5	97.3	95.9	94.9	95.6	97.0	97.1	98.2	99.1	101.5
1925	103.5	102.9	104.0	104.2	101.9	101.6	103.0	104.3	103.9	103.4	103.6	104.5	103.4
1926	100.0	103.2	102.0	100.6	100.3	100.5	100.4	99.5	99.1	99.7	99.4	98.4	97.9
1927	95.4	96.5	95.8	94.7	94.1	94.2	94.1	94.3	95.2	96.3	96.6	96.3	96.4
1928	96.7	96.4	95.8	95.5	96.6	97.5	96.7	97.4	97.6	98.6	96.7	95.8	95.8
1929	95.3	95.9	95.4	96.1	95.5	94.7	95.2	96.5	96.3	96.1	95.1	93.5	93.3
1930	86.4	92.5	91.4	90.2	90.0	88.8	86.8	84.4	84.3	84.4	83.0	81.3	79.6
1931	73.0	78.2	76.8	76.0	74.8	73.2	72.1	72.0	72.1	71.2	70.3	70.2	68.6
1932	64.8	67.3	66.3	66.0	65.5	64.4	63.9	64.5	65.2	65.3	64.4	63.9	62.6
1933	65.9	61.0	59.8	60.2	60.4	62.7	65.0	68.9	69.5	70.8	71.2	71.1	70.8
1934	74.9	72.2	73.6	73.7	73.3	73.7	74.6	74.8	76.4	77.6	76.5	76.5	76.9
1935	80.0	78.8	79.5	79.4	80.1	80.2	79.8	79.4	80.5	80.7	80.5	80.0	80.9
1936	80.8	80.6	80.6	79.6	79.7	78.6	79.2	80.5	81.6	81.6	81.5	82.4	84.2
1937	86.3	85.9	86.3	87.8	88.0	87.4	87.2	87.9	87.5	87.4	85.4	83.3	81.7
1938	------	80.9	79.8	79.7	78.7	78.1	78.3	------	------	------	------	------	------
Retail food prices (1923–1925 avg.=100):													
1922[1]	------	------	------	93.5	------	------	95.6	------	------	93.3	------	------	90.7
1923	97.9	95.5	94.2	94.6	96.1	96.7	97.2	100.4	99.0	100.6	100.1	100.5	99.5
1924	96.9	98.4	97.7	95.9	94.5	95.0	96.0	96.0	95.6	97.3	98.1	98.8	99.5
1925	105.0	101.2	99.7	100.0	99.7	100.9	104.2	108.0	107.9	106.2	108.0	112.6	111.1
1926	108.5	111.4	109.9	109.0	111.8	110.8	108.9	105.7	104.2	106.2	107.3	108.5	108.1
1927	104.5	106.6	104.3	102.8	102.9	105.7	108.7	108.2	101.9	103.4	105.0	104.8	104.7
1928	103.3	103.6	101.8	102.1	102.8	104.3	102.5	102.1	103.1	105.5	104.6	104.3	103.2
1929	104.7	102.7	102.3	101.4	100.8	102.4	103.7	106.5	108.1	108.0	107.6	106.7	105.7
1930	99.6	104.6	103.4	102.0	103.3	102.6	101.2	97.5	96.6	98.3	97.8	95.2	92.1
1931	82.0	89.2	86.0	85.1	83.9	82.6	80.6	80.7	80.9	80.6	79.9	78.2	76.2
1932	68.3	72.8	70.5	70.7	70.3	68.5	67.6	68.3	67.1	66.7	66.3	65.6	64.7
1933	66.4	62.6	60.1	59.8	60.1	62.5	64.9	71.0	72.0	71.9	71.5	70.8	69.2
1934	74.1	70.5	72.5	72.8	72.1	72.8	73.4	73.6	74.3	77.1	75.9	75.1	74.5
1935	80.4	77.5	79.7	79.6	81.2	81.4	81.5	80.2	79.6	80.1	79.9	81.5	82.0
1936	82.1	81.7	80.6	79.5	79.7	79.9	83.8	84.0	84.0	84.3	82.8	82.5	82.9
1937	85.1	84.6	84.5	85.4	85.6	86.5	86.3	85.9	85.5	85.8	84.9	83.6	82.6
1938	------	80.3	78.4	78.6	79.4	79.1	80.2	------	------	------	------	------	------
Farm prices (Aug. 1909–July 1914=100):													
1922	132	123	128	130	130	134	136	134	131	129	133	137	143
1923	142	146	144	143	143	141	137	136	137	142	144	147	148
1924	143	148	147	140	139	137	138	139	147	141	147	145	148
1925	156	155	154	156	152	152	156	158	160	155	156	156	155
1926	145	153	152	149	151	150	148	144	141	143	138	138	135
1927	139	133	132	131	131	134	138	139	142	148	148	147	147
1928	149	149	144	145	148	155	150	152	145	149	148	146	147
1929	146	147	145	146	144	142	142	147	152	150	140	145	147
1930	126	145	140	135	136	134	131	120	118	120	113	110	104
1931	87	101	95	97	97	92	86	86	82	80	77	79	75
1932	65	71	68	69	67	63	58	63	65	66	64	62	63
1933	70	60	55	55	58	68	71	83	79	80	78	80	78
1934	90	77	83	84	82	82	86	87	96	103	102	101	101
1935	108	107	111	108	111	108	104	102	106	107	109	108	110
1936	114	109	109	104	105	103	107	115	124	124	121	120	126
1937	121	131	127	128	130	128	124	125	123	118	112	107	104
1938	------	102	97	96	94	92	92	------	------	------	------	------	------

[1] Revised index has not been completed for periods where blanks occur.

Sources: Wholesale and retail prices, Department of Labor; farm prices, Department of Agriculture. Data published currently in "Wholesale Prices," "Retail Prices," and "Crops and Markets," respectively.

No. 349.—WHOLESALE PRICES BY MAJOR COMMODITY GROUPS: INDEX NUMBERS

NOTE.—See general note, page 306. For indexes for all commodities for prior years see table 350. For index numbers (based on 1910–1914 as 100) showing price changes in farm products and foods compared with all other commodities combined, see table 600, p. 621

[1926=100]

Period	All commodities	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and drugs	House furnishing goods	Miscellaneous
1890	56.2	50.4	55.5	47.5	57.8	38.1	105.3	46.5	73.2	49.9	97.9
1891	55.8	54.2	54.8	47.9	54.6	37.0	92.2	44.2	74.0	50.4	94.3
1892	52.2	49.5	51.0	47.2	55.2	34.8	84.0	41.7	74.6	48.1	86.6
1893	53.4	51.3	54.7	45.1	54.1	35.3	76.8	41.6	72.7	48.1	89.0
1894	47.9	44.6	48.2	43.0	46.1	34.3	65.7	30.8	65.5	45.3	86.4
1895	48.8	43.9	47.3	49.4	44.3	40.3	70.4	38.8	64.7	43.5	88.9
1896	46.5	39.6	44.1	45.2	43.1	39.5	71.2	38.9	65.0	43.4	90.2
1897	46.6	42.5	45.5	45.9	42.9	33.9	65.0	37.4	70.9	42.5	92.5
1898	48.5	44.9	47.8	48.3	44.9	34.5	65.3	39.6	77.4	44.0	93.4
1899	52.2	45.8	47.7	49.4	47.7	41.2	100.0	43.6	81.1	45.0	97.4
1900	56.1	50.5	50.8	49.4	53.3	46.3	98.0	46.2	82.1	48.9	102.0
1901	55.3	52.8	50.5	48.9	48.1	44.6	93.1	44.3	84.2	48.9	93.4
1902	58.9	58.4	53.3	50.8	49.4	51.8	91.0	45.3	86.5	49.2	88.1
1903	59.6	55.6	52.0	49.9	52.8	60.3	90.2	46.7	84.1	50.9	98.9
1904	59.7	58.5	54.0	49.7	52.9	53.3	79.9	45.0	84.1	50.3	109.5
1905	60.1	56.4	55.1	53.9	54.1	49.6	89.1	48.1	82.3	49.7	117.4
1906	61.8	57.3	53.4	57.7	58.7	52.0	102.4	54.0	76.8	51.3	115.3
1907	65.2	62.2	57.0	58.0	63.5	54.4	109.8	56.8	78.5	55.0	108.2
1908	62.9	62.2	58.7	55.6	54.8	53.7	86.3	52.0	79.6	51.6	97.8
1909	67.6	69.6	62.6	61.5	56.5	51.6	84.5	53.7	79.9	51.7	129.6
1910	70.4	74.3	64.9	60.2	58.4	47.6	85.2	55.3	82.0	54.0	152.7
1911	64.9	66.8	62.0	58.8	55.5	46.7	80.8	55.3	81.6	52.7	108.6
1912	69.1	72.6	66.8	64.5	55.7	51.4	89.5	55.9	80.7	53.0	106.4
1913	69.8	71.5	64.2	68.1	57.3	61.3	90.8	56.7	80.2	56.3	93.1
1914	68.1	71.2	64.7	70.9	54.6	56.6	80.2	52.7	81.4	56.8	89.9
1915	69.5	71.5	65.4	75.5	54.1	51.8	86.3	53.5	112.0	56.0	86.9
1916	85.5	84.4	75.7	93.4	70.4	74.3	116.5	67.6	160.7	61.4	100.6
1917	117.5	129.0	104.5	123.8	98.7	105.4	150.6	88.2	165.0	74.2	122.1
1918	131.3	148.0	119.1	125.7	137.2	109.2	136.5	98.6	182.3	93.3	134.4
1919	138.6	157.6	129.5	174.1	135.3	104.3	130.9	115.6	157.0	105.9	139.1
1920	154.4	150.7	137.4	171.3	164.8	163.7	149.4	150.1	164.7	141.8	167.5
1921	97.6	88.4	90.6	109.2	94.5	96.8	117.5	97.4	115.0	113.0	109.2
1922	96.7	93.8	87.6	104.6	100.2	107.3	102.9	97.3	100.3	103.5	92.8
1923	100.6	98.6	92.7	104.2	111.3	97.3	109.3	108.7	101.1	108.9	99.7
1924	98.1	100.0	91.0	101.5	106.7	92.0	106.3	102.3	98.9	104.9	93.6
1925	103.5	109.8	100.2	105.3	108.3	96.5	103.2	101.7	101.8	103.1	109.0
1926	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1927	95.4	99.4	96.7	107.7	95.6	88.3	96.3	94.7	96.8	97.5	91.0
1928	96.7	105.9	101.0	121.4	95.5	84.3	97.0	94.1	95.6	95.1	85.4
1929	95.3	104.9	99.9	109.1	90.4	83.0	100.5	95.4	94.2	94.3	82.6
1930	86.4	88.3	90.5	100.0	80.3	78.5	92.1	89.9	89.1	92.7	77.7
1931	73.0	64.8	74.6	86.1	66.3	67.5	84.5	79.2	79.3	84.9	69.8
1932	64.8	48.2	61.0	72.9	54.9	70.3	80.2	71.4	73.5	75.1	64.4
1933	65.9	51.4	60.5	80.9	64.8	66.3	79.8	77.0	72.6	75.8	62.5
1934	74.9	65.3	70.5	86.6	72.9	73.3	86.9	86.2	75.9	81.5	69.7
1935	80.0	78.8	83.7	89.6	70.9	73.5	86.4	85.3	80.5	80.6	68.3
1936	80.8	80.9	82.1	95.4	71.5	76.2	87.0	86.7	80.4	81.7	70.5
1937	86.3	86.4	85.5	104.6	76.3	77.6	95.7	95.2	83.9	89.7	77.8
1937											
January	85.9	91.3	87.1	101.7	77.5	76.6	90.9	91.3	87.7	86.5	76.2
February	86.3	91.4	87.0	102.7	77.5	76.8	91.7	93.3	87.8	87.9	77.3
March	87.8	94.1	87.5	104.2	78.3	76.2	96.0	95.9	87.5	88.4	79.5
April	88.0	92.2	85.5	106.3	79.5	76.8	96.5	96.7	86.9	89.0	81.1
May	87.4	89.8	84.2	106.7	78.7	77.2	95.8	97.2	84.5	89.3	80.5
June	87.2	88.5	84.7	106.4	78.2	77.5	95.9	96.9	83.6	89.5	79.4
July	87.9	89.3	86.2	106.7	78.3	78.1	96.1	96.7	83.9	89.7	79.0
August	87.5	86.4	86.7	108.1	77.1	78.4	97.0	96.3	82.2	91.1	77.3
September	87.4	85.9	88.0	107.6	75.3	78.7	97.1	96.2	81.4	91.1	77.0
October	85.4	80.4	85.5	106.7	73.5	78.5	96.4	95.4	81.2	91.0	76.2
November	83.3	75.7	83.1	101.4	71.2	78.2	96.8	93.7	80.2	90.4	75.4
December	81.7	72.8	79.8	97.7	70.1	78.4	96.3	92.5	79.5	89.7	75.0
1938											
January	80.9	71.6	76.3	96.7	69.7	78.3	96.6	91.8	79.6	88.3	75.2
February	79.8	69.8	73.5	94.7	68.6	78.5	96.0	91.1	79.1	88.0	74.8
March	79.7	70.3	73.5	93.6	68.2	77.7	96.0	91.5	78.7	87.7	74.4
April	78.7	68.4	72.3	92.1	67.2	76.8	96.3	91.2	77.5	87.3	73.4
May	78.1	67.5	72.1	91.3	66.1	76.2	96.7	90.4	76.8	87.2	73.1
June	78.3	68.7	73.1	90.1	65.5	76.4	96.1	89.7	76.3	87.1	72.9

Source: Bureau of Labor Statistics, Department of Labor; data published currently in "Wholesale Prices."

No. 350.—WHOLESALE PRICES: INDEX NUMBERS, 1860 TO 1889

NOTE.—1926=100. Indexes are arithmetic averages of unweighted relative prices, published in 1893 by the Committee on Finance, United States Senate, on an 1860 base, recomputed to the 1926 base by the Bureau of Labor Statistics, Department of Labor

Year	General index	Year	General index	Year	General index
1860	61	1870	87	1880	65
1861	61	1871	83	1881	64
1862	72	1872	84	1882	66
1863	90	1873	84	1883	65
1864	116	1874	81	1884	60
1865	132	1875	78	1885	57
1866	116	1876	72	1886	56
1867	105	1877	68	1887	56
1868	98	1878	62	1888	57
1869	94	1879	59	1889	57

No. 351.—WHOLESALE PRICES OF COMMODITY SUBGROUPS: INDEX NUMBERS

NOTE.—1926=100. Each of the 10 groups covered by table 349 is divided into from 2 to 7 subgroups. See also general note p. 306 regarding commodities included in two groups. Prices used in calculating indexes for farm products do not include processing taxes in effect from July 1933 to Jan. 6, 1936

Subgroup	1913	1923-1925	1929	1934	1935	1936	1937	1936	1937		1938
								Dec.	June	Dec.	June
Grains	71.1	102.3	97.4	74.5	82.5	88.3	98.3	109.0	105.7	71.5	62.7
Livestock and poultry	73.3	85.3	106.1	51.5	85.1	84.7	95.5	85.0	98.3	78.4	80.2
Other farm products	70.8	115.1	106.6	70.5	73.4	76.0	77.2	84.4	77.4	69.3	63.0
Dairy products	65.9	99.7	105.6	72.7	79.8	83.9	83.1	88.9	72.0	90.2	68.5
Cereal products	------	------	88.0	88.7	94.1	86.2	87.6	87.1	90.4	82.0	80.2
Fruits and vegetables	------	------	97.8	67.5	63.6	71.9	74.2	75.4	84.5	57.8	61.7
Meats	59.8	81.7	109.1	62.9	94.5	87.8	99.1	87.2	98.0	88.8	84.5
Other foods	65.9	101.4	93.9	66.6	77.7	75.9	75.6	84.0	74.3	71.5	64.7
Shoes	54.5	99.3	106.3	98.1	98.0	99.8	105.0	99.4	107.5	105.6	101.8
Hides and skins	106.8	115.5	112.7	68.6	80.8	94.6	113.5	110.4	114.6	85.5	62.3
Leather	69.1	102.9	113.2	75.0	80.1	85.6	96.8	92.6	98.8	86.9	81.6
Other leather products	50.8	103.4	106.4	86.6	85.0	95.5	102.6	96.3	102.3	102.7	97.7
Clothing	------	------	90.0	82.5	79.8	81.1	87.9	83.1	89.1	86.7	82.2
Cotton goods	58.0	113.9	98.8	86.5	83.4	80.3	84.3	90.3	89.7	68.7	63.9
Knit goods	------	------	88.5	63.2	61.8	61.2	65.1	63.0	64.6	63.4	59.7
Silk and rayon	71.8	112.4	80.4	26.7	30.2	31.2	32.5	33.8	32.5	29.4	27.6
Woolen and worsted goods	53.7	108.2	88.3	79.7	76.1	82.9	91.1	90.5	93.2	83.5	75.6
Other textile products	62.7	89.5	93.1	73.1	68.5	67.0	68.4	65.3	67.5	68.5	65.0
Anthracite	58.9	99.7	90.1	80.1	79.7	80.5	77.8	82.3	74.5	80.0	74.5
Bituminous coal	38.1	103.2	91.3	94.5	96.7	97.4	98.6	97.3	98.5	101.1	97.5
Coke	46.3	104.6	84.6	84.8	88.6	94.7	103.1	97.8	105.0	105.5	105.3
Electricity	------	------	94.5	91.8	87.8	83.4	80.4	82.8	79.5	83.1	(1)
Gas (mfd. and natural)	78.1	103.2	93.1	93.4	89.3	85.2	82.4	83.1	84.2	81.3	90.4
Petroleum products	73.3	87.0	71.3	50.5	51.3	57.3	60.5	58.0	61.5	59.5	56.3
Agricultural implements	72.9	101.6	98.7	89.6	93.7	94.2	94.0	93.0	94.1	96.1	96.1
Iron and steel	70.9	109.6	94.9	86.7	86.7	87.6	98.2	90.9	99.7	99.0	100.9
Motor vehicles	147.5	107.2	106.7	95.9	93.9	92.7	89.3	93.0	86.9	95.6	96.0
Nonferrous metals	88.9	96.6	106.1	67.7	68.6	71.6	89.6	78.6	91.9	75.1	67.2
Plumbing and heating	------	------	95.0	72.6	68.9	75.0	78.8	76.7	78.7	79.6	77.2
Brick and tile	38.9	102.4	94.3	90.2	89.4	88.7	93.5	88.5	95.0	92.0	90.6
Cement	59.6	105.4	91.8	93.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5
Lumber	54.0	103.9	93.8	84.5	81.1	84.5	99.0	89.6	102.2	93.8	88.7
Paint and paint materials	50.8	103.4	94.9	79.5	79.8	80.1	83.4	82.4	83.6	80.2	80.1
Plumbing and heating	------	------	95.0	72.6	68.9	75.0	78.8	76.7	78.7	79.6	77.2
Structural steel	77.1	113.4	98.1	90.8	92.0	95.0	113.2	101.7	114.9	114.9	113.0
Other bldg. materials	63.1	103.3	97.7	90.3	90.1	90.2	99.1	92.6	101.1	96.9	93.3
Chemicals	89.4	102.3	99.1	79.6	86.9	87.2	89.0	93.3	90.1	83.5	80.6
Drugs and pharmaceuticals	56.6	96.4	71.5	72.1	73.9	74.4	79.1	77.4	78.0	75.1	71.9
Fertilizer materials	85.5	98.0	92.1	67.1	66.3	65.9	71.2	68.6	70.5	72.0	69.5
Mixed fertilizer	84.3	101.2	97.2	72.5	70.6	68.4	73.2	71.4	72.3	74.4	69.3
Furniture	70.7	109.7	95.0	79.0	77.0	78.0	85.9	79.4	86.6	85.9	83.5
Furnishings	47.0	103.5	93.6	84.1	84.2	85.3	93.4	86.9	92.5	93.5	90.7
Cattle feed	82.2	113.8	121.6	89.4	88.3	94.4	110.5	130.7	116.9	81.7	78.4
Paper and pulp	59.4	102.9	88.9	82.7	80.0	80.7	91.7	82.9	95.0	89.8	85.5
Rubber, crude	170.2	88.5	42.3	26.5	25.4	34.2	40.5	41.9	41.0	31.2	26.3
Auto tires and tubes	207.2	100.2	54.5	44.9	45.7	47.2	55.8	50.1	56.4	57.4	57.4
Other miscellaneous	64.4	100.8	98.4	82.1	80.0	81.1	84.7	82.2	85.8	82.7	81.1

[1] Data not available.

Source of tables 350 and 351: Bureau of Labor Statistics, Department of Labor.

No. 352.—WHOLESALE PRICES OF LEADING COMMODITIES

NOTE.—This list is a selection from among the 784 commodities entering into the general index of wholesale prices of the Department of Labor, shown in table 349. For weights of the bushel and barrel, except as noted, see Appendix, p. 848

Commodity	Unit	Average price						
		1923–1925	1929	1933	1934	1935	1936	1937
I.—FARM PRODUCTS		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Barley, malting, Minneapolis	Bushel	--------	0.609	0.479	0.819	0.702	0.729	0.809
Corn, No. 2, yellow, Chicago	do	--------	.952	.419	.657	.832	.859	1.044
Corn, No. 3, yellow, Chicago	do	--------	.938	.408	.650	.815	.847	1.025
Oats, No. 2, white, Chicago	do	.473	.486	.294	.456	.417	.383	.437
Rye, No. 2, Chicago	do	.932	1.016	.579	.704	.577	.779	.977
Wheat, No 2, red winter, Chicago	do	1.407	1.304	[1] .766	[1] .957	[1] .967	1.097	1.219
Wheat, No 2, hard, Kansas City	do	1.338	1.180	[1] .724	[1] .932	[1] 1.040	1.123	1.201
Wheat, No. 1, northern spring, Minneapolis.	do	1.359	1.276	[1] .770	[1] 1.026	[1] 1.165	1.247	1.319
Cattle, steers, good to choice, Chicago.	100 lbs	10.093	13.493	5.784	7.889	11.701	9.948	14.141
Hogs, good to choice, light, Chicago	do	9.534	10.666	[1] 4.185	[1] 4.919	[1] 9.779	10.385	10.781
Lambs, western, fair to good, Chicago.	do	--------	13.689	6.227	7.556	8.670	9.500	10.441
Poultry, live fowls, Chicago	Pound	.218	.273	.113	.136	.185	.188	.190
Cotton, middling, New Orleans	do	.265	.186	[1] .085	[1] .123	[1] .119	.120	.113
Eggs, firsts, Chicago	Dozen	.339	.354	.157	.194	.251	.241	.219
Eggs, firsts, New York	do	.370	.368	.172	.203	.263	.252	.229
Apples, medium grade, Seattle, Wash.	Box	--------	--------	.983	1.405	1.316	1.258	1.565
Oranges, choice, California, Chicago.	do	6.209	6.540	2.951	3.509	3.295	3.629	4.411
Hay, alfalfa, Kansas City	Ton [1]	22.199	24.566	11.029	17.389	17.078	16.313	19.063
Hay, timothy, No. 1, Chicago	do.[2]	24.055	20.394	12.769	21.896	19.029	15.971	17.596
Milk, fluid, Chicago	100 lbs	3.001	2.955	1.941	2.260	2.259	1.872	2.079
Milk, fluid, New York	do	3.419	3.997	2.432	3.051	3.290	3.450	3.159
Peanuts, Norfolk	Pound	.063	.049	.020	.032	.036	.035	.040
Flaxseed, Minneapolis	Bushel	2.653	2.766	1.580	1.875	1.753	1.943	2.126
Tobacco, leaf, warehouse sales	100 lbs	--------	20.125	[1] 11.647	[1] 15.716	[1] 21.875	19.464	24.194
Potatoes, white, Chicago	do	1.645	1.606	1.333	1.217	.933	1.912	1.693
Wool, Ohio, medium grades, Boston.	Pound	.548	.467	.315	.348	.313	.409	.433
II.—FOODS								
Butter, creamery, extra:								
Chicago	Pound	.437	.437	.208	.248	.287	.320	.332
New York	do	.450	.449	.217	.255	.296	.330	.343
San Francisco	do	.476	.458	.211	.249	.300	.336	.345
Cheese, whole milk, Chicago	do	.219	.221	.117	.129	.156	.167	.172
Milk, evaporated, New York	Case [3]	3.984	3.867	2.545	2.700	2.916	3.256	3.211
Beef, fresh, carcass, steers, Chicago	Pound	.170	.231	.095	.114	.176	.152	.211
Lamb, fresh, Chicago	do	.258	.256	.121	.140	.156	.169	.176
Hams, Chicago	do	.228	.244	.121	.152	.225	.240	.231
Pork, mess, New York	Barrel (200 lbs.)	31.055	30.370	17.438	22.315	29.891	31.530	32.414
Pork, bellies, cured, clear, Chicago	Pound	--------	--------	.056	.103	.174	.142	.154
Pork, fresh (composite price), Chicago.	do	.161	.183	.080	.123	.192	.178	.182
Poultry, Chicago	do	--------	.324	.146	.162	.214	.218	.223
Bread, Chicago	do	.075	.075	.053	.066	.069	.064	.058
Bread, New York	do	.070	.066	.061	.065	.069	.060	.068
Coffee, Rio No. 7, New York	do	.162	.157	.078	.098	.072	.075	.088
Salmon, canned, red, No. 1, tall, cannery.	Doz. cans	2.645	2.709	1.602	1.720	1.840	2.231	2.380
Flour, short patents, Kansas City	Barrel	7.160	6.535	5.025	6.138	6.625	5.844	5.969
Flour, standard patents, Minneapolis.	do	7.468	6.786	5.683	7.041	7.676	6.836	6.716
Flour, patents, Portland, Oreg	do	7.992	7.176	5.951	6.869	7.343	7.117	6.657
Raisins, seedless, packers	Pound	--------	.046	.038	.045	.042	.045	.050
Bananas, Honduras, New York	Bunch	--------	--------	2.636	2.760	2.802	2.653	2.512
Lard, prime, contract, New York	Pound	.141	.120	.057	.083	.145	.115	.117
Oleomargarine, standard, uncolored, Chicago.	do	.225	.235	.087	.083	.136	.138	.141
Rice, Blue Rose, New Orleans	do	.054	.038	.028	.039	.040	.040	.036
Salt, American, medium, Chicago	Barrel [4]	2.389	2.214	2.276	2.413	2.513	2.488	2.543
Sugar, granulated, New York	Pound	.071	.051	.043	.044	.049	.048	.047
Sugar, raw, 96°, New York	do	.058	.038	.032	.030	.032	.036	.035
Cottonseed oil, New York	do	.110	.097	.045	.065	.104	.098	.092

[1] Processing tax not included.
[2] Ton of 2,000 pounds.
[3] Case of 4 dozen 14½-ounce cans. Price for 1923–25 and 1929 computed from price of 16-ounce cans.
[4] Barrel of 280 pounds.

No. 352.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1929	1933	1934	1935	1936	1937
III.—HIDES AND LEATHER PRODUCTS		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Hides, packers, heavy, native steers, Chicago.	Pound	0.158	0.171	0.097	0.100	0.130	0.139	0.172
Calfskins, packers, Chicago	do	.197	.209	.128	.111	.146	.183	.200
Goat skins, Brazil, New York	do	.811	.750	.514	.559	.567	.628	.718
Leather:								
Calf, chrome, B grade, tannery	Sq. ft.		.395	.302	.307	.352	.380	.421
Glazed kid, top grade, Boston	do	.681	.725	.459	.521	.530	.572	.622
Side, black, chrome tanned, B grade, Boston.	do	.266	.288	.194	.188	.188	.196	.246
Sole, oak, scoured backs, Boston	Pound	.480	.529	.309	.290	.344	.357	.415
Shoes:								
Child's, oxford, factory	Pair		1.496	.998	1.093	1.093	.899	.924
Men's, black calf, lace, oxford	do		3.467	3.289	3.633	3.693	3.853	4.158
Women's, black, 3 eye tie, McKay sewed.	do		2.600	2.181	2.491	2.487	2.600	2.785
IV.—TEXTILE PRODUCTS								
Cotton goods, mill:								
Damask, table, mercerized, mill, 58-inch	Yard		.370	.319	.382	.386	.392	.411
Denims, 28-inch	do	.233	.181	.123	.148	.141	.132	.142
Drillings, brown, 30-inch	do	.174	.125	.078	.104	.100	.090	.113
Gingham, 27-inch	do	.126	.105	.074	.093	.099	.100	.112
Muslin, bleached, series 1	do	.183	.174	.125	.152	.154	.148	.155
Print cloth, 27-inch	do	.070	.052	.038	.048	.049	.043	.048
Sheeting, bleached, series 1	do	.486	.419	.261	.303	.299	.306	.314
Sheeting, brown, series 2	do	.149	.117	.079	.096	.095	.090	.097
Yarn, carded, white, northern, 22/1's cones.	Pound	.459	.358	.258	.312	.305	.295	.300
Knit goods, mill:								
Hosiery, women's, pure silk	Doz. prs.	12.337	9.313	4.954	5.189	5.241	5.144	5.452
Hosiery, men's, silk	do	5.750	3.850	2.352	2.299	2.117	2.070	2.091
Women's union suits, cotton	Dozen		9.500	7.341	7.981	7.840	7.988	8.829
Silk and rayon:								
Rayon, 150 second quality, New York.	Pound	2.136	1.180	.586	.567	.553	.560	.603
Silk, raw, Japan, 20–22 yellow, New York.	do		4.880	1.573	1.193	1.554	1.747	1.762
Woolen and worsted goods, mill:								
Suiting serge, 15-ounce	Yard	2.478	1.961	1.664	1.861	1.788	1.918	2.165
French serge, 54-inch [5]	do	.776	.975	.918	1.111	1.015	1.103	1.193
Yarn, fine weaving, 2/50's	Pound	2.469	1.967	1.466	1.664	1.550	1.717	1.939
Thread, 6-cord	Spool	.033	.037	.035	.031	.026	.017	.020
V.—FUEL AND LIGHTING								
Coal, anthracite, chestnut	Ton [2]	11.505	12.376	10.058	9.644	9.590	9.735	9.372
Coal, bituminous, mine run	do. [2]	4.387	3.953	3.667	4.131	4.242	4.272	4.294
Coke, Connellsville, furnace	do. [2]	4.378	2.780	2.495	3.654	3.567	3.676	4.384
Electricity	100 kwh.		1.383	1.380	1.344	1.285	1.221	1.176
Manufactured gas	1,000 cu. ft.	1.062	.985	.991	.975	.965	.948	.583
Petroleum, crude, Kans.-Okla	Barrel [6]	1.519	1.233	.567	.940	.940	1.038	1.157
Fuel oil, refinery, Pennsylvania	Gallon	.056	.048	.035	.038	.040	.045	.044
Gasoline, refinery, Pennsylvania	do	.130	.091	.051	.052	.052	.056	.054
VI.—METALS AND PRODUCTS								
Iron ore, non-Bessemer	Ton [7]	4.924	4.443	4.500	4.500	4.500	4.500	4.872
Pig iron, basic, furnace	do. [7]	21.873	18.189	15.240	17.692	18.170	19.115	23.019
Pig iron, Bessemer, Pittsburgh	do. [7]	24.860	20.538	18.261	20.452	21.011	20.909	24.727
Nails, wire, Pittsburgh	100 lbs	2.948	2.667	2.089	2.623	2.628	2.229	2.773
Pipe, cast-iron, 6-inch, New York	Ton [2]	57.549	36.666	37.764	44.077	45.113	45.469	52.039
Skelp, grooved, Pittsburgh	100 lbs	2.149	1.859	1.600	1.669	1.713	1.800	2.048
Steel billets, rerolling, Pittsburgh	Ton [7]	38.465	34.642	26.000	27.115	27.264	29.750	36.481
Steel plates, Pittsburgh	Pound	.021	.019	.016	.018	.018	.019	.022
Steel rails, mill	Ton [7]	43.000	43.000	39.329	36.375	36.375	36.627	41.894
Steel sheets, No. 27, mill	Pound	.035	.030	.023	.026	.026	.027	.032
Steel, structural, mill	100 lbs	2.220	1.921	1.626	1.777	1.800	1.860	2.215
Tin plate, Pittsburgh	do	5.470	5.350	4.427	5.250	5.250	5.250	5.225
Aluminum, virgin ingot, New York	Pound		.243	.233	.216	.205	.205	.205
Copper, ingot, electrolytic, refinery	do	.139	.181	.070	.084	.086	.095	.132
Lead, pig, desilverized, New York	do	.083	.068	.039	.039	.041	.047	.060
Silver, bar, fine, New York	Ounce	.672	.533	.350	.482	.643	.453	.451
Tin, pig, New York	Pound	.502	.452	.394	.523	.504	.464	.544
Zinc, pig, slab, New York	do	.072	.068	.044	.045	.047	.053	.069

[2] Ton of 2,000 pounds.
[5] For 1923–1925, 35-inch; for 1929, 39-inch.
[6] Barrel of 42 gallons.
[7] Ton of 2,240 pounds.

No. 352.—Wholesale Prices of Leading Commodities—Continued

Commodity	Unit	Average price						
		1923–1925	1929	1933	1934	1935	1936	1937
VI.—METALS, ETC.—continued								
Agricultural implements, factory:		*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cultivator	Each	45.313	40.845	39.420	41.484	44.333	45.130	47.944
Harrow, peg tooth	do	16.973	14.824	13.390	14.627	16.910	16.910	17.074
Plow, 2-horse	do	16.599	15.258	12.485	13.107	13.624	13.624	14.237
Separator, cream	do	59.053	60.338	55.100	59.414	61.873	63.650	62.266
Tractor, 10–20 horsepower	do	663.0	680.0	602.6	642.2	699.4	703.000	717.250
Automobiles, passenger, f. o. b. factory.[8]	do		773.0	671.0	719.0	707.0	696.418	717.824
Trucks, f. o. b. factory	do		971.6	750.0	770.8	742.9	740.562	782.997
VII.—BUILDING MATERIALS								
Douglas fir, No. 1, common sheathing, mill.	1,000 ft.	17.972	18.293	14.118	17.631	16.836	19.487	20.872
Maple, hard, No. 1, Chicago	do	66.938	54.623	35.539	45.115	45.925	47.346	54.058
Oak, plain, white, No. 1, Cincinnati	do	66.200	57.623	44.789	49.115	44.509	45.000	53.308
Pine, white, No. 2, Buffalo	do	59.957	48.453	44.654	44.914	44.000	45.750	51.365
Pine, yellow, flooring, mill	do			26.757	36.653	36.021	37.467	44.828
Shingles, cedar, red, mill	Square			1.984	2.431	2.511	2.547	2.778
Brick, common, building, plant	1,000	14.323	13.616	10.530	12.001	11.768	11.737	12.048
Cement, Portland	Barrel	1.838	1.601	1.512	1.637	1.663	1.667	1.667
Linseed oil, raw, New York	Pound	.134	.123	.091	.094	.094	.098	.108
White lead, in oil, New York	do	.141	.138	.110	.110	.110	.114	.128
Glass, plate, 5 to 10 sq. ft., N. Y.	Sq. ft.	.638	.385	.367	.313	.260	.268	.289
Glass, window, single B, New York	50 sq. ft.	3.389	3.420	2.539	2.165	2.433	2.849	2.887
Lime, building, plant	Ton [2]	9.586	7.987	7.043	7.238	7.208	7.099	7.120
VIII.—CHEMICALS AND DRUGS								
Acid, sulphuric, 66°, works	do.[2]	14.267	15.500	15.500	15.500	15.500	15.500	16.039
Alcohol, denatured, New York	Gallon	.511	.570	.363	.337	.407	.377	.341
Ammonia, anhydrous, New York	Pound	.289	.140	.155	.155	.158	.160	.160
Soda ash, light, 58 per cent, works	100 lbs.		1.345	1.197	1.230	1.230	1.230	1.157
Soda, caustic, works	do	3.280	2.950	2.762	2.600	2.600	2.600	2.479
Tallow, packer's prime, Chicago	Pound	.088	.085	.034	.042	.070	.066	.082
Alcohol, grain, New York	Gallon	4.802	2.745	2.509	4.289	4.505	4.517	4.563
Phenol, U. S. P., works	Pound	.291	.138	.143	.143	.143	.142	.137
Superphosphate, Baltimore	Ton [2]	8.732	9.731	6.837	7.789	7.870	7.606	8.164
Nitrate of soda, 95 per cent, N. Y.	100 lbs.	2.526	2.157	1.306	1.324	1.275	1.330	1.411
Sulphate of ammonia, ex vessel, ports	Ton [2]			22.637	24.490	23.904	25.250	27.923
Fertilizers, mixed, South Atlantic, 3-8-3, Series II.	do.[2]		22.400	14.771	17.347	16.940	15.665	17.880
IX.—HOUSEFURNISHING GOODS [9]								
Blankets, all wool, factory	Pound		1.333	1.130	1.343	1.201	1.306	1.489
Carpets, Brussels, factory	Yard	3.036	2.976	2.410	2.478	2.544	2.726	2.753
Sewing machines, electric	Each	73.620	84.604	62.954	62.024	63.054	64.025	68.467
Stoves, gas	do			53.814	50.508	56.188	59.544	68.665
Vacuum cleaners, electric, without attachments.	do	[10] 20.090	14.725	11.287	12.054	10.936	10.143	10.143
Washing machines, electric, 2-speed, 6-sheet capacity, factory.	do		60.760	37.875	30.839	30.839	33.165	29.948
X.—MISCELLANEOUS								
Bran, Minneapolis	Ton [2]	24.543	26.594	12.567	20.188	20.498	21.642	25.976
Cottonseed meal, prime, Memphis	do.[2]	41.020	38.542	17.289	27.548	25.491	25.688	29.212
Middlings, standard, Minneapolis	do.[2]	25.850	27.741	13.106	20.507	21.759	23.899	28.113
Paper, newsprint rolls, destination, New York basis.	do.[2]		62.00	41.25	40.00	40.00	41.00	42.500
Paper, wrapping, manila, No. 1, jute, New York.	100 lbs.	10.490	9.125	9.125	9.125	9.125	9.125	9.128
Wood pulp, sulphite, domestic, unbleached, mill.	do	2.745	2.535	1.680	2.100	1.942	1.969	3.484
Rubber, plantation, ribbed, N. Y.	Pound	.434	.206	.060	.129	.124	.165	.194
Automobile tires, balloon, factory	Each		11.845	8.649	9.253	9.319	9.683	11.575
Cylinder oil, Oklahoma	Gallon	.168	.266	.175	.191	.140	.167	.176
Neutral oil, Pennsylvania	do	.264	.269	.169	.279	.236	.211	.240
Soap, laundry, factory	100 cakes	4.867	4.851	4.449	4.067	4.067	4.067	4.067
Starch, laundry, New York	Pound	.056	.058	.042	.052	.058	.058	.058
Tobacco, plug, New York	do	.698	.696	.597	.642	.642	.642	.642
Tobacco, smoking, 1-oz. bag, N. Y.	Gross	8.898	8.320	5.120	5.120	5.120	5.120	5.120
Cigarettes, destination	1,000		5.398	4.902	5.370	5.380	5.380	5.507

[2] Ton of 2,000 pounds.
[8] Weighted average price of Buick, Cadillac, Chevrolet, Dodge, Ford, and Packard cars.
[9] Owing to frequent changes in patterns announced by manufacturers, prices of individual articles of furniture are only roughly comparable from year to year and are not shown.
[10] Average for 1924 and 1925.

Source: Bureau of Labor Statistics, Department of Labor; data published currently in "Wholesale Prices."

No. 353.—WHOLESALE PRICES: INDEX NUMBERS, ALL COMMODITIES AND BY ECONOMIC CLASSES

NOTE.—Figures in boxes indicate number of quotations. As originally published, Bradstreet's "Index" is the sum of the prices per pound of 96 commodities; Dun's represents the aggregate cost per capita of a year's supply of the approximately 300 commodities included. In the following table, both series have been expressed as a percentage of 1926 by the Bureau of Foreign and Domestic Commerce. Indexes of the National Bureau of Economic Research for 1916 to 1928 are unweighted geometric means for approximately 490 commodities (converted from a 1913 base to a 1929 base by the Bureau of Foreign and Domestic Commerce); for subsequent years they are weighted arithmetic means for 680 price series, the weights being based upon the average value of production in 1927 and 1931. For method of computing the Department of Labor index see general note, p. 306

Year	Bradstreet's index (1926=100)	Dun's index (1926=100)	Department of Labor (1926=100)				National Bureau of Economic Research (1929=100)				
			All commodities	Raw materials	Semi-manufactures	Finished products	All commodities	Producers' goods	Consumers' goods	Durable goods	Non-durable goods[3]
	96	300	813 [1]	109 [1]	93 [1]	611 [1]	680 [2]	418 [2]	292 [2]	222 [2]	469 [2]
1910–1920	129.7	113.0	125.5	127.7	155.7	119.3	125.1	134.2	112.6	-------	-------
1921–1925	98.8	97.5	99.3	97.4	105.5	99.2	103.7	105.9	100.4	-------	-------
1926	100.0	100.0	100.0	100.0	100.0	100.0	103.4	103.8	102.7	-------	-------
1927	99.4	99.4	95.4	96.5	94.3	95.0	100.1	100.4	99.5	-------	-------
1928	102.4	103.1	96.7	99.1	94.5	95.9	101.3	101.6	100.8	-------	-------
1929	97.3	101.0	95.3	97.5	93.9	94.5	100.0	100.0	100.0	100.0	100.0
1930	81.8	91.3	86.4	84.3	81.8	88.0	90.5	88.5	93.3	93.0	89.1
1931	66.6	77.3	73.0	65.6	69.0	77.0	76.5	73.2	80.7	84.6	72.7
1932	54.3	70.7	64.8	55.1	59.3	70.3	67.5	64.9	70.8	78.8	61.5
1933	62.1	78.1	65.9	56.5	65.4	70.5	69.6	68.4	71.2	81.0	61.1
1934	71.8	88.5	74.9	68.6	72.8	78.2	79.1	78.6	79.6	87.6	74.4
1935	77.4	92.9	80.0	77.1	73.6	82.2	83.6	83.0	84.4	87.0	81.2
1936	78.7	96.7	80.8	79.9	75.9	82.0	84.5	85.0	83.9	88.5	81.7
1937	(4)	(4)	86.3	84.8	85.3	87.2	90.8	92.9	88.1	98.3	87.2
Jan.–June:											
1937	88.4	108.1	87.1	88.1	87.4	86.6	91.7	94.8	87.7	97.4	89.0
1938	(4)	(4)	79.3	72.5	75.6	83.0	82.6	83.9	80.6	95.3	75.9

[1] Effective January 1938. In earlier years a smaller number of commodities was included.

[2] Number of quotations used beginning 1929; see headnote regarding earlier years. The sum of the number of quotations for producers' goods and consumers' goods and for durable and non-durable goods is greater than the number of all commodities owing to duplication of certain price series in the classifications. For example, identical price quotations on flour are used in both producers' goods and consumers' goods.

[3] Perishable and semi-durable. [4] Beginning December 1937, discontinued by reporting source.

No. 354.—COST OF GOODS PURCHASED BY WAGE EARNERS AND LOWER-SALARIED WORKERS IN THE UNITED STATES: INDEX NUMBERS

NOTE.—1923–1925 average=100. Figures for food represent 51 cities since 1920 and a smaller number in earlier years; other figures, 19 cities from 1913 to 1917, and 32 cities thereafter. Totals weighted by relative importance of items as ascertained by country-wide study of cost of living made in 1918–19. Except for 1913, the annual average indexes for items other than foods, are estimates based on indexes compiled as of particular dates at irregular intervals, shown in previous issues of this publication. They represent weighted averages of indexes for each pricing period affecting the year. For example, where goods were priced in June and December, the indexes for December of the previous year were considered in arriving at the average for the year. The annual average food index is based on monthly indexes

Year and month	All items	Food	Clothing	Rent	Fuel and light	House furnishings	Miscellaneous
1913	57.4	63.1	55.7	61.4	53.9	47.7	50.1
1914	58.2	64.6	56.1	61.4	54.3	49.0	51.2
1915	58.8	63.9	57.4	61.9	54.5	51.3	52.8
1916	63.2	71.7	62.9	62.6	56.6	57.2	55.5
1917	74.4	92.4	75.6	62.1	63.0	66.9	64.2
1918	87.2	106.2	102.5	63.2	73.3	85.9	76.7
1919	101.1	120.2	135.7	68.4	79.4	108.2	86.3
1920	116.2	133.1	161.6	80.4	93.1	132.8	99.1
1921	103.6	101.6	124.4	92.4	99.3	111.8	102.8
1922	97.2	95.0	101.0	95.1	98.6	94.8	99.7
1923	99.0	97.9	101.2	97.5	100.3	101.8	99.3
1924	99.2	96.9	100.4	101.0	99.1	100.1	99.9
1925	101.8	105.0	98.4	101.5	100.6	98.1	100.8
1926	102.6	108.5	97.0	100.5	102.2	95.9	101.1
1927	100.6	104.5	95.1	98.9	100.6	93.6	101.7
1928	99.5	103.3	93.7	96.5	98.9	91.3	102.3
June	99.2	102.5	93.8	96.5	97.7	91.1	102.1
December	99.4	103.2	93.3	95.5	99.7	90.5	102.8
1929	99.5	104.7	92.7	94.3	98.2	90.2	103.1
June	99.1	103.7	92.8	94.3	97.0	90.2	103.0
December	99.6	105.7	92.2	93.3	99.1	89.9	103.4
1930	97.0	99.6	90.7	91.7	97.2	87.9	103.5
June	97.7	101.2	91.5	92.0	95.9	88.8	103.7
December	93.8	92.1	88.1	90.1	98.1	85.1	103.4

No. 354.—Cost of Goods Purchased by Wage Earners and Lower-salaried Workers in the United States: Index Numbers—Continued

Year and month	All items	Food	Clothing	Rent	Fuel and light	House-furnishings	Miscellaneous
1931	88.6	82.0	82.7	86.9	95.1	79.2	102.7
June	88.3	80.6	83.4	87.3	93.7	79.3	102.8
December	85.1	76.2	77.6	83.9	95.3	74.9	101.8
1932	79.8	68.3	73.2	78.0	90.4	68.9	100.2
June	79.7	67.6	73.5	78.5	88.8	68.4	100.4
December	76.6	64.7	69.5	72.7	89.8	65.6	98.8
1933	75.8	66.4	70.9	67.2	87.4	68.0	97.0
June	74.5	64.9	68.4	66.8	84.9	65.8	96.4
December	77.2	69.6	76.2	63.9	90.0	73.5	96.8
1934	78.6	74.1	77.5	62.9	88.6	74.9	96.7
June	78.4	73.4	77.9	62.7	87.7	75.0	96.6
Nov. 15	79.1	75.3	77.8	62.7	89.0	75.5	96.7
1935	80.7	80.5	77.9	62.9	87.5	76.4	96.7
Mar. 15	80.6	79.8	78.0	62.6	89.3	76.0	96.8
Oct. 15	80.7	80.2	78.0	63.3	87.7	77.0	96.6
1936	81.6	82.1	78.7	64.2	87.5	77.8	96.5
July 15	82.0	84.0	78.4	64.2	86.1	77.5	96.4
Dec. 15	82.4	82.9	79.6	65.4	87.8	79.2	96.8
1937	84.3	85.1	82.4	67.4	86.6	84.9	97.8
Mar. 15	83.8	85.4	80.9	65.9	88.1	83.1	97.3
June 15	84.5	86.3	82.1	67.5	84.9	85.1	97.7
Sept. 15	85.0	85.8	84.0	68.1	86.0	86.7	98.1
Dec. 15	84.5	82.6	84.0	69.3	87.3	87.5	98.6
1938:							
Mar. 15	83.0	78.6	82.8	69.4	88.0	85.4	98.5
June 15	83.3	80.2	82.3	69.7	85.5	84.6	98.7

No. 355.—Cost of Goods Purchased by Wage Earners and Lower-salaried Workers in Principal Cities: Index Numbers

[1923-1925 average=100]

City	Index of total cost of goods purchased for—							Index, Mar. 15, 1938, for—					
	Dec. 1926	Dec. 1930	Nov. 1934	Oct. 15, 1935	Dec. 15, 1936	Dec. 15, 1937	Mar. 15, 1938	Food	Clothing	Rent	Fuel and light	House-furnishings	Miscellaneous
United States (32 cities)[1]	**102.3**	**93.8**	**79.1**	**80.7**	**82.4**	**84.5**	**83.0**	**78.6**	**82.8**	**69.4**	**88.0**	**85.4**	**98.5**
Atlanta	100.9	89.9	77.1	79.6	81.3	82.3	80.5	71.5	86.2	65.8	75.5	91.0	95.5
Baltimore	102.5	95.8	82.9	84.9	86.4	87.7	86.3	82.8	82.4	76.2	81.4	86.8	104.5
Birmingham	102.1	89.3	73.4	75.3	76.4	79.0	77.6	68.4	88.6	60.1	83.5	81.8	93.1
Boston	103.5	95.9	82.0	82.9	83.3	84.5	82.4	74.0	87.4	75.7	85.2	84.0	98.7
Buffalo	103.7	95.6	79.9	81.6	83.8	86.5	85.0	78.0	81.4	73.7	98.1	93.2	100.3
Chicago	102.9	93.5	73.5	76.1	78.5	80.8	79.4	79.9	75.6	58.4	95.4	76.5	100.6
Cincinnati	104.6	98.8	82.2	84.5	86.2	88.3	86.8	79.4	82.8	77.8	98.4	96.2	101.5
Cleveland	101.8	93.3	78.8	81.5	83.8	87.0	86.0	79.8	85.7	70.0	101.0	80.7	104.4
Denver	100.2	91.1	79.0	80.8	83.1	85.4	84.0	84.0	79.5	64.4	79.4	92.2	100.2
Detroit	100.4	88.3	71.9	75.9	78.8	83.3	81.9	80.2	84.0	69.5	80.1	85.1	95.2
Houston	100.4	91.3	78.3	79.4	81.9	83.9	82.6	77.5	78.5	73.6	80.3	94.2	94.6
Indianapolis	101.2	91.9	76.5	79.1	81.5	83.1	81.9	78.2	80.9	66.0	87.3	88.5	93.5
Jacksonville	107.7	90.6	77.2	78.9	80.4	82.0	80.0	76.0	82.3	60.0	88.9	83.8	90.7
Kansas City	99.6	92.6	79.2	80.1	82.0	83.2	82.0	78.6	82.2	61.8	84.2	81.7	100.2
Los Angeles	96.9	88.1	74.2	74.8	77.1	79.2	78.1	71.5	86.9	55.3	82.0	83.1	93.9
Memphis	100.0	91.3	78.8	78.7	81.5	82.9	81.7	74.9	88.7	63.2	88.5	94.3	95.0
Minneapolis	100.9	94.0	79.6	81.3	84.7	85.9	84.8	84.1	81.0	71.2	90.8	89.4	97.7
Mobile	104.0	95.5	81.0	82.1	82.1	84.1	83.5	75.1	90.3	66.8	72.4	90.4	99.6
New Orleans	101.0	92.6	81.0	81.4	83.0	84.4	83.9	82.5	82.9	72.5	77.6	96.7	92.5
New York	102.7	96.5	82.1	83.4	84.3	86.5	84.0	79.9	80.6	77.2	86.4	79.3	99.1
Norfolk	101.4	95.4	82.9	84.1	85.7	86.3	85.1	76.1	89.7	64.6	81.7	88.0	104.0
Philadelphia	104.5	94.3	79.6	80.9	82.5	83.2	82.4	80.0	80.2	68.9	82.3	85.5	96.3
Pittsburgh	103.2	93.8	77.8	79.6	80.8	83.5	82.4	78.2	81.5	69.2	101.4	85.0	96.4
Portland, Maine	101.8	95.4	84.4	85.0	85.8	86.4	85.0	77.6	83.0	76.7	83.7	91.7	103.6
Portland, Oreg	99.1	89.6	77.2	79.3	82.5	85.0	84.3	80.3	82.3	62.4	86.9	86.0	102.0
Richmond	102.9	93.5	81.7	83.6	86.0	85.4	84.0	72.2	91.4	73.0	82.6	93.6	99.5
St. Louis	103.7	94.7	79.4	81.2	82.9	84.8	83.5	83.6	83.0	58.6	87.6	90.6	101.9
San Francisco	101.1	94.9	84.4	84.0	84.9	89.2	87.8	81.1	93.6	73.3	80.2	91.0	104.7
Savannah	101.6	93.2	79.4	81.2	81.1	82.8	81.4	77.6	86.1	63.6	85.0	88.0	92.1
Scranton	103.8	95.2	80.6	82.8	83.7	82.9	82.0	75.5	83.5	72.6	76.8	90.3	97.2
Seattle	100.6	93.4	80.9	82.2	84.8	88.5	87.6	79.1	90.5	71.3	98.3	92.9	101.1
Washington, D. C.	102.5	94.7	83.9	86.3	87.6	88.8	87.1	79.6	83.9	88.0	84.3	91.1	100.3

[1] Index numbers for food based on prices for 51 cities.

Source of tables 354 and 355: Bureau of Labor Statistics, Department of Labor; data published periodically in "Changes in Cost of Living."

No. 356.—RETAIL COSTS OF ALL FOODS: Index Numbers, 1890 to 1937

Note.—The "old series" represents the series carried in the 1935 and previous issues of the Statistical Abstract converted from a 1913 base by the Bureau of Foreign and Domestic Commerce. The simple average of indexes for 1923, 1924, and 1925 on the 1913 base was used for converting. The "revised series" published for 1923 to 1937 incorporates certain changes in methods of weighting and computation (see second paragraph of general note, p. 306, for a brief description of this index)

[1923–1925 average=100]

Year	Old series	Year	Old series	Year	Old series	Revised series	Year	Old series	Revised series
1890	46	1902	50	1914	68	-------	1926	107.2	108.5
1891	47	1903	50	1915	67	-------	1927	103.7	104.5
1892	46	1904	51	1916	76	-------	1928	103.0	103.3
1893	47	1905	51	1917	97	-------	1929	104.6	104.7
1894	45	1906	53	1918	112	-------	1930	98.2	99.6
1895	45	1907	55	1919	124	-------	1931	81.0	82.0
1896	43	1908	56	1920	136	-------	1932	68.2	68.3
1897	43	1909	59	1921	102	-------	1933	66.6	66.4
1898	45	1910	62	1922	95	-------	1934	74.0	74.1
1899	45	1911	61	1923	97.6	97.9	1935	-------	80.4
1900	46	1912	65	1924	97.4	96.9	1936	-------	82.1
1901	48	1913	67	1925	105.1	105.0	1937	-------	85.1

No. 357.—RETAIL COSTS OF ALL FOODS, BY REGIONS: Index Numbers, Revised Series

[1923–1925 average=100]

Year and month	All regions 51 cities	New England 7 cities	Middle Atlantic 7 cities	East North Central 9 cities	West North Central 5 cities	South Atlantic 8 cities	East South Central 4 cities	West South Central 4 cities	Mountain 3 cities	Pacific 4 cities
1923	97.9	99.3	98.7	97.2	96.8	97.6	96.3	96.9	97.0	97.0
1924	96.9	97.1	96.8	97.2	94.9	96.5	95.9	97.6	97.2	98.0
1925	105.0	103.7	104.5	105.3	106.4	105.8	107.5	105.2	105.9	104.9
1926	108.5	107.6	108.1	110.1	110.5	111.5	112.5	105.2	105.9	104.0
1927	104.5	104.0	104.5	105.8	105.2	105.0	105.7	102.4	102.6	101.4
1928	103.3	103.2	103.9	104.1	103.0	102.9	103.0	101.5	100.5	100.3
1929	104.7	104.1	104.8	106.3	105.7	103.1	104.1	103.2	102.3	102.1
1930	99.6	99.4	99.0	101.2	101.1	99.1	99.7	98.2	97.4	97.4
1931	82.0	82.6	83.3	82.5	82.1	81.2	77.4	78.7	79.8	79.0
1932	68.3	68.8	70.1	67.2	67.4	66.9	63.3	65.2	66.4	68.0
1933	66.4	66.5	67.5	65.6	66.6	65.3	63.1	64.3	66.3	66.7
Mar. 15	59.8	59.8	61.0	58.4	58.9	58.4	55.8	58.6	60.1	62.0
June 15	64.9	64.4	65.8	64.5	65.9	63.2	63.2	61.9	66.7	65.4
Sept. 12	71.9	71.7	72.3	71.8	72.5	71.5	69.7	70.0	70.2	71.9
Dec. 19	69.2	69.2	70.7	68.1	69.2	69.1	65.4	68.6	67.3	67.9
1934	74.1	74.0	75.9	72.9	75.7	73.2	70.2	72.4	73.3	70.8
Mar. 13	72.8	72.4	75.1	71.5	73.5	72.7	69.0	70.1	70.4	69.8
June 19	73.4	73.4	76.0	72.8	74.7	71.9	67.3	69.8	73.2	68.6
Sept. 11	77.1	77.1	78.0	76.6	80.9	76.7	74.7	76.6	77.5	72.8
Dec. 18	74.5	73.1	75.9	72.9	76.6	74.8	71.8	75.6	76.8	73.2
1935	80.4	78.9	81.3	80.6	83.4	80.4	76.8	79.4	83.8	77.4
Mar. 12	79.6	77.9	80.0	80.4	82.8	79.0	75.2	78.6	82.8	78.3
June 18	81.5	79.3	81.7	82.8	86.2	81.0	77.5	79.0	87.6	79.3
Sept. 10	80.1	80.0	80.9	80.1	82.6	81.1	77.3	78.8	82.3	75.2
Dec. 17	82.0	80.5	83.1	81.8	84.8	82.7	77.7	80.8	84.8	78.6
1936	82.1	80.3	82.8	82.9	85.8	81.9	78.0	80.1	85.6	79.1
Mar. 10	79.5	78.4	80.2	80.1	82.3	78.8	73.9	77.0	82.4	77.1
June 16	83.8	82.6	84.6	85.1	87.3	82.4	78.5	78.4	90.1	80.3
Sept. 15	84.3	81.4	84.3	86.0	89.9	84.2	81.6	83.4	87.4	80.7
Dec. 15	82.9	80.9	83.4	83.4	87.1	83.4	79.5	81.6	86.6	80.1
1937	85.1	83.3	85.4	86.1	88.8	84.1	81.4	82.7	89.1	83.0
Mar. 16	85.4	81.9	85.0	86.6	91.0	84.2	82.7	83.7	91.5	85.6
June 15	86.3	84.0	85.9	88.7	91.4	85.3	83.8	82.3	91.3	83.6
Sept. 14	85.8	85.6	86.7	86.4	87.2	84.8	81.3	83.3	87.3	82.6
Dec. 14	82.6	81.0	84.0	82.9	84.2	81.0	77.2	80.7	84.8	80.0
1938:										
Mar. 15	78.6	76.3	79.3	79.7	81.0	77.1	73.0	77.2	81.1	76.7
June 14	80.2	78.4	80.8	82.0	83.7	77.6	73.5	76.2	83.5	77.2

Source of tables 356 and 357: Bureau of Labor Statistics, Department of Labor; data published currently in "Retail Prices."

No. 358.—RETAIL COSTS OF ALL FOODS, BY COMMODITY GROUPS: INDEX NUMBERS, REVISED SERIES

NOTE.—1923-1925 average=100. Indexes for "all foods" are based on prices of 42 foods prior to January 1, 1935, and of 84 foods since that date. The increases in the number of foods included in each group are as follows: Cereals and bakery products, from 8 to 13; meats, from 11 to 21; dairy products, from 4 to 5; fruits and vegetables, from 12 to 29; beverages and chocolate, from 2 to 4; fats and oils, from 3 to 7; and sugar and sweets, from 1 to 4

Year and month	All foods	Cereal and bakery products	Meats	Dairy products	Eggs	Fruits and vegetables				Beverages and chocolate	Fats and oils	Sugar and sweets
						Total	Fresh	Canned	Dried			
1923	97.9	96.2	96.3	101.7	95.7	98.8	98.3	97.2	106.4	87.8	92.5	114.4
1924	96.9	97.9	97.5	96.9	97.9	93.0	92.1	99.7	96.9	98.5	98.2	103.9
1925	105.0	105.9	106.1	100.7	106.4	108.1	109.6	103.0	96.5	113.7	109.2	81.4
1926	108.5	105.5	112.2	100.1	99.7	122.9	128.0	95.8	92.5	113.8	106.2	78.3
1927	104.5	103.5	110.6	102.7	93.5	107.1	109.9	94.0	88.6	109.0	97.3	83.0
1928	103.3	100.4	117.4	103.4	96.6	93.9	94.0	94.0	93.1	110.3	94.6	80.2
1929	104.7	98.1	121.1	102.9	101.2	98.4	98.1	96.8	103.8	110.0	93.1	74.6
1930	99.6	95.1	113.6	95.1	85.4	103.4	104.9	92.3	96.4	95.7	86.7	70.1
1931	82.0	83.5	96.4	80.8	67.2	73.3	72.9	80.2	72.1	83.2	70.4	64.7
1932	68.3	75.5	75.5	66.7	57.9	60.4	59.9	71.0	55.4	75.1	52.0	58.4
1933	66.4	77.4	65.7	65.2	55.3	65.8	66.6	68.5	53.6	68.4	48.6	61.5
Mar. 15	59.8	69.3	64.2	59.8	42.7	52.1	51.4	65.3	47.3	68.5	45.0	57.4
June 15	64.9	71.8	65.9	64.7	43.5	67.5	68.9	66.7	52.5	67.3	49.9	61.0
Sept. 12	71.9	85.1	67.7	68.2	60.0	79.0	81.5	70.6	58.9	67.5	51.3	65.0
Dec. 19	69.2	86.4	65.0	66.2	65.7	68.4	68.8	73.3	58.7	68.0	48.2	63.7
1934	74.1	91.0	75.0	71.2	62.4	69.8	69.6	80.7	61.3	71.7	55.4	63.8
Mar. 13	72.8	87.4	70.2	70.5	53.1	78.1	79.5	80.6	60.6	70.6	50.5	62.4
June 19	73.4	89.1	75.7	70.8	52.8	72.1	72.4	80.5	60.9	72.0	51.7	62.0
Sept. 11	77.1	91.5	84.9	73.2	70.4	65.8	64.8	81.6	62.2	72.7	62.3	66.0
Dec. 18	74.5	92.0	76.6	75.4	74.7	57.8	55.3	83.1	57.3	73.4	68.6	63.5
1935	80.4	92.9	96.1	76.7	73.5	60.6	58.6	82.7	61.8	70.3	81.5	65.0
Jan. 15	77.5	91.9	84.6	77.4	76.2	60.6	58.5	83.0	62.5	73.6	72.9	62.5
Feb. 12	79.7	92.0	88.9	81.4	78.1	60.9	58.7	84.0	62.8	73.3	76.7	62.4
Mar. 12	79.6	92.0	94.2	78.7	61.2	61.9	59.9	84.2	62.9	72.5	79.6	62.6
Apr. 9	81.2	92.3	95.1	80.3	60.7	66.5	65.1	84.4	62.7	71.6	80.6	62.7
May 21	81.4	92.9	98.0	75.6	65.9	66.0	64.5	84.3	62.9	70.6	80.9	64.6
June 18	81.5	92.1	99.1	73.9	66.3	67.3	66.0	84.3	63.1	70.1	81.7	65.1
July 16	80.2	92.1	98.1	72.7	68.8	62.6	60.6	84.5	63.2	69.9	82.1	66.2
Aug. 13	79.6	92.6	100.6	72.7	73.4	55.3	52.4	83.5	62.9	69.4	85.0	66.4
Sept. 10	80.1	92.7	102.6	73.3	80.3	52.9	49.9	81.4	61.9	68.5	87.3	66.6
Oct. 8	79.9	93.4	101.3	73.5	83.8	51.7	48.8	79.9	60.7	68.1	87.2	66.7
Nov. 19	81.5	95.0	97.2	77.5	84.9	58.7	56.8	80.0	59.0	67.8	83.5	67.0
Dec. 17	82.0	95.4	97.1	78.8	80.5	61.3	59.8	79.6	58.5	67.6	82.3	66.5
1936	82.1	91.7	94.7	80.2	72.7	69.7	69.1	79.8	61.9	67.5	75.6	64.4
Jan. 14	81.7	94.0	97.3	79.8	73.8	62.7	61.5	79.4	58.2	67.6	79.3	64.9
Feb. 11	80.6	92.5	94.9	80.5	70.6	62.0	60.8	78.9	57.9	67.4	76.8	64.1
Mar. 10	79.5	91.7	93.3	79.5	66.9	61.8	60.5	78.5	57.9	67.6	75.6	63.7
Apr. 21	79.7	91.2	94.1	77.8	57.4	66.5	65.8	78.3	57.7	67.5	75.2	63.8
May 19	79.9	90.7	93.2	75.2	59.6	70.1	69.9	78.2	57.8	67.6	74.2	64.1
June 16	83.8	90.4	94.0	76.5	63.0	85.2	87.1	78.3	58.4	66.9	73.0	64.5
July 14	84.0	90.7	94.9	79.6	67.8	80.7	81.9	78.8	59.3	67.0	73.0	64.9
Aug. 18	84.0	91.7	95.4	83.0	75.1	74.1	74.0	80.4	63.4	67.5	74.5	65.0
Sept. 15	84.3	92.1	97.4	84.2	78.5	71.1	70.3	81.7	65.5	67.7	75.9	65.0
Oct. 13	82.8	92.3	94.7	82.5	83.7	67.1	65.6	81.7	66.9	67.8	76.3	64.8
Nov. 17	82.5	91.9	93.2	82.2	90.1	66.3	64.5	81.5	69.2	67.7	76.2	63.8
Dec. 15	82.9	91.9	93.0	82.5	85.9	69.1	67.6	81.6	70.6	67.8	77.2	63.9
1937	85.1	94.3	102.1	83.2	71.4	69.6	68.1	82.1	72.5	69.8	78.4	66.0
Jan. 12	84.6	92.4	95.7	83.4	76.3	74.4	73.5	81.8	71.8	68.6	79.6	64.8
Feb. 16	84.5	92.6	94.3	83.0	65.0	78.2	77.7	82.2	74.5	68.9	80.1	65.6
Mar. 16	85.4	92.9	95.4	83.6	64.3	80.5	80.1	82.6	76.0	69.3	80.3	65.6
Apr. 13	85.6	93.8	97.7	81.6	64.7	80.0	79.5	82.8	76.4	69.6	80.2	66.0
May 18	86.5	95.2	99.7	80.1	61.8	83.1	83.0	83.2	76.6	69.7	78.9	66.1
June 15	86.3	95.6	102.3	79.7	62.5	79.2	78.5	83.4	76.6	70.0	79.5	65.7
July 13	85.9	95.7	107.8	80.9	68.0	69.0	67.0	83.5	76.3	70.4	79.5	65.1
Aug. 17	85.5	95.6	111.6	81.9	71.9	61.0	58.0	82.7	75.0	70.7	79.9	64.8
Sept. 14	85.8	95.1	111.4	83.9	79.0	59.2	56.3	82.0	72.2	70.4	78.4	66.5
Oct. 12	84.9	94.7	108.8	85.1	81.6	56.5	53.5	81.0	67.9	70.3	77.5	67.4
Nov. 16	83.6	94.0	102.8	86.6	84.9	56.2	53.5	80.5	64.1	70.1	74.8	67.1
Dec. 14	82.6	93.6	98.0	88.2	76.7	58.4	56.2	79.9	62.4	69.4	72.0	66.8
1938:												
Jan. 18	80.3	93.2	93.8	83.9	70.1	58.8	56.8	79.8	61.3	68.3	70.2	66.2
Feb. 15	78.4	93.2	90.6	81.9	59.4	58.8	56.9	79.4	60.6	67.7	69.5	65.9
Mar. 15	78.6	92.9	92.9	81.4	57.4	58.5	56.6	79.1	59.9	67.7	69.5	65.6
Apr. 12	79.4	92.5	94.8	79.8	56.9	62.4	61.0	78.9	59.8	67.2	68.6	64.9
May 17	79.1	92.2	95.2	77.2	60.5	62.5	61.1	78.5	59.3	66.9	68.0	64.3
June 14	80.2	91.8	96.9	76.0	63.4	66.0	65.2	78.2	59.0	66.8	67.4	63.8

Source: Bureau of Labor Statistics, Department of Labor; data published currently in "Retail Prices."

No. 359.—AVERAGE RETAIL PRICES OF PRINCIPAL ARTICLES OF FOOD IN THE UNITED STATES: REVISED SERIES

NOTE.—Prices in cents per pound except for milk (cents per quart), eggs and oranges (cents per dozen), and tomatoes (cents per no. 2 can). Data are averages of prices as reported by retail dealers in 51 large cities. Prices for individual cities are combined with the use of population weights.

Year and month	Wheat flour	Corn meal	Rice	Bread, white	Sirloin steak	Plate beef	Pork chops	Bacon, sliced	Ham, sliced	Lamb, leg	Chickens, roasting	Butter
1923	4.7	4.1	9.6	8.8	40.0	13.3	30.3	39.7	48.7	36.9	35.8	55.8
1924	4.9	4.6	10.1	8.9	40.9	13.8	31.0	38.4	48.4	37.2	36.4	52.2
1925	6.1	5.4	11.1	9.3	42.4	14.6	37.0	47.1	55.1	38.6	38.0	55.2
1926	6.0	5.0	11.5	9.3	43.0	15.3	39.9	50.8	59.4	39.0	40.2	53.6
1927	5.5	5.1	10.7	9.2	44.8	16.1	37.2	47.8	56.9	39.1	38.2	56.3
1928	5.3	5.3	10.1	8.9	50.1	19.9	35.2	44.4	54.7	39.6	38.9	56.9
1929	5.1	5.3	9.8	8.8	52.1	21.4	37.5	43.9	56.5	40.2	41.2	55.5
1930	4.6	5.3	9.5	8.6	48.4	19.3	36.2	42.5	54.6	35.1	36.7	46.4
1931	3.6	4.5	8.2	7.7	41.0	14.7	29.6	36.6	47.2	29.9	32.2	35.8
1932	3.2	3.6	6.6	7.0	34.4	11.8	21.5	24.2	35.9	23.8	25.6	27.8
1933	3.9	3.5	6.2	7.1	29.6	10.5	19.8	22.6	31.3	21.8	21.8	27.8
1934	4.9	4.4	8.0	8.3	32.3	11.0	25.5	29.1	37.4	25.2	25.9	31.5
1935	5.1	5.0	8.4	8.4	40.1	16.7	35.4	41.3	46.6	27.7	30.3	36.0
Mar. 12	5.0	5.0	8.3	8.3	40.4	16.0	34.3	37.8	43.6	28.0	29.6	38.3
June 18	4.9	5.1	8.3	8.3	42.4	17.8	37.1	41.0	45.2	28.0	31.5	31.4
Sept. 10	5.1	5.1	8.4	8.3	41.8	17.3	39.7	46.8	53.3	28.9	31.3	32.8
Dec. 17	5.4	4.9	8.6	8.6	38.0	16.9	34.1	44.4	49.6	28.5	31.2	39.9
1936	4.8	5.1	8.6	8.2	37.9	15.4	33.8	40.9	48.6	29.0	32.0	39.6
Mar. 10	4.8	4.9	8.5	8.3	36.3	15.9	32.1	41.2	47.2	27.7	32.6	40.1
June 16	4.5	4.9	8.6	8.1	37.0	14.8	34.4	40.5	48.1	31.3	31.8	35.8
Sept. 15	4.9	5.4	8.8	8.2	39.1	14.6	39.5	40.9	50.8	30.2	32.8	42.4
Dec. 15	4.9	5.4	8.6	8.2	39.2	15.5	31.4	39.7	48.4	26.1	29.1	40.0
1937	4.8	5.4	8.4	8.7	43.3	17.3	36.4	41.6	50.2	30.2	33.5	40.8
Mar. 16	5.0	5.4	8.5	8.5	40.1	15.9	33.1	39.9	49.2	28.7	31.0	41.8
June 15	5.0	5.6	8.5	8.7	44.0	17.2	37.6	40.6	49.9	31.6	32.7	38.3
Sept. 14	4.8	5.5	8.4	8.9	48.5	18.9	41.2	44.9	53.0	31.7	36.5	40.7
Dec. 14	4.3	5.0	8.1	8.9	39.4	16.9	31.1	40.0	47.1	29.9	35.4	45.5
1938:												
Mar. 15	4.2	4.8	7.9	8.9	34.6	14.7	31.9	37.5	45.3	28.2	35.3	37.0
June 14	4.0	4.7	7.8	8.8	38.5	15.3	34.7	36.5	46.4	29.7	35.5	32.2

Year and month	Cheese	Milk, fresh (delivered)	Eggs	Oranges	Cabbage	Onions	Potatoes	Tomatoes, canned	Prunes, dried	Coffee	Lard	Sugar
1923	37.4	13.9	49.9	49.7	5.5	6.4	3.0	12.5	18.7	36.9	17.5	9.9
1924	36.2	13.4	51.0	44.8	5.2	5.9	2.8	12.8	17.4	42.6	18.8	9.0
1925	37.5	13.9	55.4	57.1	5.2	7.0	3.6	13.2	17.1	50.4	23.0	7.0
1926	37.6	14.0	51.9	51.6	5.5	6.0	4.9	11.8	16.8	50.2	21.7	6.8
1927	38.6	14.1	48.7	52.0	5.4	6.3	3.8	11.9	15.1	47.4	19.0	7.2
1928	40.8	14.2	50.3	58.6	5.1	6.2	2.7	11.7	13.5	48.2	18.3	6.9
1929	39.5	14.4	52.7	44.7	5.3	6.7	3.2	12.8	15.3	47.9	18.1	6.4
1930	36.6	14.1	44.5	57.1	5.6	5.0	3.6	12.1	16.1	39.5	16.8	6.1
1931	29.7	12.6	35.0	35.0	3.8	4.3	2.4	10.1	11.7	32.8	13.1	5.6
1932	24.4	10.7	30.2	30.2	4.1	5.0	1.7	9.3	9.2	29.4	8.7	5.0
1933	23.9	10.4	28.8	27.3	4.0	3.5	2.3	9.1	9.5	26.4	8.9	5.3
1934	25.0	11.2	32.5	34.1	3.6	4.4	2.3	10.5	11.4	26.9	11.7	5.5
1935	26.7	11.8	38.3	31.5	4.1	5.1	1.9	10.1	11.1	25.6	19.5	5.7
Mar. 12	27.3	11.9	31.9	28.4	6.2	6.6	1.7	10.5	11.5	26.9	18.6	5.4
June 18	26.5	11.8	34.6	31.4	3.6	6.4	2.1	10.3	11.5	25.3	18.9	5.7
Sept. 10	26.7	11.5	41.8	34.3	2.7	3.7	1.7	9.7	11.0	24.7	22.2	5.8
Dec. 17	27.6	11.6	41.9	31.1	3.3	4.1	2.3	9.3	9.9	24.3	19.3	5.8
1936	28.1	12.0	37.8	33.1	4.4	3.8	3.2	9.4	9.9	24.3	16.4	5.6
Mar. 10	27.1	11.8	34.8	30.9	3.8	4.1	2.4	9.3	9.7	24.4	16.2	5.5
June 16	26.7	11.8	32.8	34.6	5.4	4.0	4.9	9.2	9.6	24.0	15.5	5.6
Sept. 15	29.8	12.5	40.9	37.4	4.7	3.5	3.2	9.6	10.0	24.3	16.5	5.6
Dec. 15	29.3	12.4	44.7	28.9	3.7	3.2	3.2	9.5	10.4	24.5	16.8	5.5
1937	29.1	12.5	36.9	38.3	3.7	4.1	2.8	9.3	10.5	25.5	17.0	5.6
Mar. 16	29.3	12.5	33.5	36.0	4.0	4.5	3.8	9.5	10.7	25.2	17.5	5.7
June 15	28.8	12.1	32.5	40.3	4.2	4.5	3.0	9.5	10.7	25.6	17.2	5.6
Sept. 14	29.0	12.7	40.7	45.6	3.1	3.8	1.9	9.1	10.7	26.0	17.1	5.7
Dec. 14	29.4	13.0	39.0	28.6	3.7	4.3	2.0	9.0	9.8	25.0	14.7	5.6
1938:												
Mar. 15	28.1	12.7	29.2	24.4	4.5	4.6	2.1	8.9	9.3	23.6	13.6	5.5
June 14	26.2	12.3	32.3	26.5	3.8	4.6	2.7	8.9	9.2	23.1	12.7	5.3

Source: Bureau of Labor Statistics, Department of Labor; data published currently in "Retail Prices."

No. 360.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT DOMESTIC ARTICLES EXPORTED FROM THE UNITED STATES

NOTE.—The values of the goods are required by law to represent their market value at the port of exportation. The headnote to table 361 also applies to this table

Year ended—	Bacon, hams, and shoulders, per pound	Pork, pickled, per pound	Eggs, per dozen	Milk, condensed and evaporated, per pound	Butter, per pound	Cheese, per pound	Lard, per pound	Sole leather, bends, backs, and sides, per pound	Corn, per bushel	Rye, per bushel	Wheat, per bushel	Wheat flour, per barrel	Oil cake and oil cake meal, per pound	Cottonseed oil, refined, per pound [1]	Sugar, per pound	Rosin, per barrel of 280 pounds	Spirits of turpentine, per gallon	Tobacco, leaf, per pound	Cotton, per pound [2]	Boards, planks, and scantlings, per M feet: Softwoods [3]	Boards, planks, and scantlings, per M feet: Hardwoods [3]	Coal: Anthracite, per ton	Coal: Bituminous, per ton	Petroleum, crude, per gallon	Gasoline, naphtha, etc., per gallon	Kerosene, per gallon	Tin plate and terneplate, per pound	Wire nails, per pound	Wire, per pound	Copper, refined, per pound
	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Dols.	Dols.	Dols.	Dols.	Cts.	Cts.	Cts.	Dols.	Dols.	Cts.	Cts.	Dols.	Dols.	Dols.	Dols.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
June 30—																														
1909	10.8	8.8	23.0	-----	21.2	12.6	10.0	-----	.70	.82	1.02	4.86	1.3	[4] 5.4	3.5	3.69	.40	10.9	9.4	------	------	4.97	2.55	4.1	9.1	6.6	3.5	2.2	2.3	13.2
1910	12.1	11.0	23.7	7.7	25.0	15.5	11.9	-----	.69	.77	1.02	5.27	1.4	6.6	4.3	4.55	.56	10.8	14.0	------	------	4.94	2.49	3.1	8.1	6.2	3.5	2.1	2.4	13.1
1911	13.3	10.8	20.9	7.7	21.7	12.4	11.0	-----	.56	.95	.93	4.88	1.4	7.6	4.1	6.42	.73	11.1	14.5	------	------	4.99	2.48	2.9	8.5	5.6	3.5	2.1	2.3	12.5
1912	12.1	9.5	22.0	8.0	24.1	14.2	9.8	-----	.72	.87	.94	4.63	1.4	6.0	4.6	6.65	.51	11.5	10.2	------	------	5.11	2.54	3.3	9.0	5.7	3.4	2.0	2.2	13.5
1913	13.1	10.6	21.5	8.7	24.3	17.0	11.2	-----	.59	.69	.97	4.67	1.4	6.6	3.8	6.19	.42	11.9	12.0	------	------	5.30	2.52	3.9	13.7	6.3	3.5	2.1	2.1	16.4
1914	13.8	10.8	23.1	8.3	23.8	17.1	11.3	-----	.75	.70	.95	4.61	1.4	7.2	3.6	4.64	.43	12.1	12.8	------	------	5.27	2.49	4.7	14.2	6.4	3.4	2.1	2.1	14.9
1915	13.9	10.8	24.1	8.2	24.3	15.3	11.0	-----	.81	1.17	1.28	5.86	1.4	6.9	4.7	4.53	.47	12.8	8.7	------	------	5.27	2.53	3.2	11.1	6.0	3.2	2.0	2.2	14.2
1916	13.9	10.6	23.2	8.0	26.6	16.7	11.2	-----	.81	1.06	1.24	5.63	1.6	8.5	4.9	5.65	.47	12.1	12.3	------	------	5.25	2.43	3.5	15.5	6.4	3.6	2.6	2.9	22.5
1917	17.9	14.8	30.4	9.7	32.6	23.1	17.3	-----	1.12	1.63	1.99	7.80	1.8	12.5	6.2	6.53	.49	14.7	18.2	------	------	5.56	2.94	4.1	20.7	6.6	5.4	3.8	3.9	28.5
1918	26.7	22.7	37.8	12.9	38.6	24.3	25.0	-----	1.84	1.99	2.37	11.19	2.5	18.2	6.7	7.36	.53	24.1	29.4	------	------	6.16	3.89	5.0	24.3	8.9	10.3	5.1	5.1	28.1
Dec. 31—																														
1919	31.5	25.3	48.5	14.3	50.7	37.8	31.3	-----	1.66	1.88	2.41	11.09	3.3	21.2	7.8	16.89	.98	33.9	33.9	39.52	74.96	8.25	4.66	6.0	24.7	12.2	8.1	5.3	5.5	21.8
1920	25.2	19.8	50.6	15.6	58.0	31.0	23.4	-----	1.49	2.14	2.73	11.31	3.1	18.9	10.3	16.72	1.54	52.4	36.0	52.96	120.10	9.44	8.85	8.6	27.4	15.3	8.0	5.7	5.8	19.6
1921	17.9	12.8	32.5	12.5	40.8	23.1	13.0	-----	.72	1.48	1.55	7.01	2.0	9.6	5.2	5.19	.65	39.7	16.2	32.29	80.45	10.92	5.94	5.4	24.6	12.5	7.2	5.0	5.5	13.3
1922	17.3	12.1	26.3	10.0	37.2	24.9	11.9	-----	.70	.97	1.25	5.69	2.1	11.0	3.8	5.25	1.08	33.9	21.6	31.05	71.00	10.72	5.95	4.4	21.9	9.3	4.6	3.3	3.4	13.6
1923	14.4	11.7	27.5	11.3	43.9	26.2	12.6	35.6	.87	.91	1.18	5.40	2.2	12.0	6.5	5.14	1.07	32.1	29.6	40.11	75.53	10.91	5.46	3.2	16.3	9.0	5.3	4.0	3.9	15.1
1924	14.2	11.9	26.5	10.7	41.5	26.0	13.3	32.0	.97	1.10	1.43	5.70	2.1	11.8	5.5	5.30	.88	29.8	27.7	34.78	71.74	11.17	4.65	3.6	14.1	9.7	5.4	4.0	3.6	13.7
1925	20.1	16.0	30.1	11.7	45.1	26.3	17.1	35.8	1.12	1.30	1.72	7.65	2.1	12.1	3.7	9.02	.98	32.7	24.5	36.12	71.12	11.19	4.39	4.4	15.3	9.5	5.1	3.8	3.4	14.5
1926	21.6	16.5	28.8	12.1	46.1	28.6	15.5	38.0	.86	1.03	1.46	7.02	1.8	11.8	3.5	12.61	.92	28.5	17.5	33.18	70.90	11.42	4.95	4.4	14.8	10.9	5.1	3.4	3.4	14.2
1927	18.4	14.3	27.0	12.3	46.3	30.1	13.5	40.4	.85	1.10	1.42	6.65	1.9	10.6	4.1	9.36	.60	27.5	17.3	33.01	67.90	11.09	4.44	3.9	11.5	9.8	5.1	3.4	3.2	13.6
1928	16.5	14.2	30.4	12.2	47.7	30.7	13.0	50.7	1.02	1.20	1.25	6.23	2.3	11.4	3.5	8.40	.53	26.8	20.4	31.20	63.68	10.96	4.12	3.4	10.7	10.2	4.7	2.9	3.0	14.8
1929	17.9	14.3	33.8	12.1	47.0	27.8	12.7	43.8	1.01	1.05	1.24	5.91	2.2	12.3	3.0	7.96	.52	26.2	19.7	32.27	66.45	10.71	4.22	3.4	10.6	10.1	4.9	3.0	3.2	18.0
1930	17.8	13.7	27.2	11.5	41.7	25.7	11.4	38.3	.94	.88	1.00	5.31	1.9	9.8	2.4	6.32	.44	25.8	14.4	29.45	62.50	10.76	4.17	3.2	9.4	9.0	5.0	2.8	3.0	13.4
1931	14.3	10.0	22.7	10.5	32.1	22.4	9.0	29.1	.69	.49	.62	3.57	1.2	9.0	2.1	4.25	.39	21.8	9.0	22.91	50.96	10.75	4.01	1.9	5.9	6.6	4.1	2.4	2.6	9.4
1932	9.7	6.8	21.7	8.5	24.4	18.3	5.8	26.0	.36	.50	.60	3.19	1.0	6.0	1.6	3.19	.40	16.8	7.3	20.35	41.09	10.37	3.77	2.4	5.6	5.2	3.7	2.2	2.5	6.1
1933	10.3	6.3	20.6	6.8	23.5	18.5	5.9	28.8	.49	.61	.54	3.49	1.1	6.0	1.6	3.63	.43	19.5	9.0	22.16	43.98	9.79	3.54	2.1	5.3	5.2	3.6	2.2	2.4	6.8
1934	13.6	7.4	24.1	7.4	25.8	19.5	6.1	28.1	.76	.88	.60	4.04	1.3	7.2	1.5	4.59	.49	29.7	11.8	27.93	54.54	9.57	4.16	2.9	5.6	5.2	4.1	2.5	2.6	7.6
1935	18.3	11.7	29.7	7.4	25.8	22.0	12.3	25.3	1.50	.99	.91	4.53	1.1	12.0	2.3	4.68	.47	35.1	12.4	28.41	50.46	9.18	4.05	2.8	5.7	5.6	4.3	2.5	2.5	7.7
1936	20.6	11.4	28.0	7.8	32.3	23.5	12.1	34.5	1.05	.79	.99	4.78	1.2	11.8	2.2	5.26	.42	33.6	12.5	32.30	50.08	9.19	4.06	3.1	6.1	5.3	4.4	2.7	2.6	9.2
1937	20.7	12.7	27.4	8.5	36.6	24.2	11.7	40.0	.67	.88	1.11	5.66	1.4	9.9	2.2	7.96	.37	32.1	11.9	35.51	54.38	8.66	4.16	3.4	6.7	5.7	4.9	3.4	3.7	13.0

[1] Crude and refined prior to 1922; average price of crude and refined for 1922 was 9.7.
[2] Revised to exclude linters beginning 1915.
[3] Softwoods and hardwoods not reported separately prior to 1919.
[4] Quantity reported in gallons; converted to pounds at 7½ pounds to a gallon.

Source: Bureau of Foreign and Domestic Commerce.

No. 361.—ANNUAL AVERAGE UNIT VALUES OF IMPORTANT ARTICLES IMPORTED INTO THE UNITED STATES

NOTE.—The values are required by law to represent the values of the goods *in the foreign markets* whence exported to the United States. "Ton" signifies long ton of 2,240 pounds. The averages are obtained by dividing the total value of imports of the specified article by the total quantity, and as in some commodities there may be considerable variations in price between different grades, methods of packing, etc., and as the proportions of the grades, etc., may vary from year to year, the averages in such cases may show the actual price movements only roughly

Year ended—	Cheese, per pound	Fish, cured, per barrel (200 pounds)		Hides and skins, per pound		Rice, per pound	Wheat, per bushel	Copra, per pound	Flaxseed, per bushel	Cocoa, per pound	Coffee, per pound	Tea, per pound	Cane sugar, per pound	Rubber, crude, per pound	Shellac, per pound	Tobacco, leaf, per pound		Cotton, unmanufactured, per pound	Jute and jute butts, per ton	Flax, per ton
		Herring	Mackerel	Goat	Cattle											Cigar wrappers	Other leaf			
June 30—	*Cents*	*Dollars*	*Dollars*	*Cents*	*Cents*	*Cents*	*Dollars*	*Cents*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*	*Cents*	*Cents*	*Dollars*	*Dollars*
1909	16.5	6.80	10.47	25.0	12.4	2.7	.89	2.8	1.40	11.4	7.5	16.2	2.30	69.8	20.3	.95	55.58	15.7	46.06	257.57
1910	17.3	6.96	10.43	26.6	14.7	2.6	.92	3.6	1.71	10.5	7.9	16.0	2.59	100.0	13.2	.98	52.90	18.4	54.71	277.10
1911	17.4	7.24	9.50	25.0	14.4	2.8	.94	4.1	2.04	10.5	10.3	17.2	2.45	105.8	14.9	1.08	53.62	21.8	72.33	342.47
1912	18.9	7.79	12.19	24.4	15.3	3.4	.82	4.4	1.90	10.9	13.3	18.0	2.81	84.4	12.2	1.25	51.17	18.4	71.12	346.65
1913	18.6	8.24	10.07	25.7	17.3	3.7	.70	4.5	1.54	12.4	13.8	18.4	2.18	79.5	13.9	1.29	45.30	18.9	74.01	318.01
1914	17.3	7.21	10.98	26.2	18.6	3.2	.89	5.3	1.22	11.8	11.1	18.4	2.00	54.0	16.1	1.28	50.41	15.8	105.38	290.37
1915	18.7	6.57	12.27	24.3	18.3	2.4	1.10	3.8	1.25	11.9	9.5	18.1	3.21	48.3	12.5	1.28	46.39	12.5	56.26	399.60
1916	23.5	7.86	13.65	27.2	20.3	2.4	1.02	4.1	1.38	14.4	9.6	18.7	3.70	57.9	12.8	1.43	40.37	17.2	73.07	505.59
1917	30.8	9.44	16.14	52.5	25.9	2.8	1.74	5.1	2.03	11.8	10.1	18.6	4.33	56.8	23.4	1.34	45.67	27.5	87.45	535.01
1918	41.6	10.44	20.74	47.4	25.3	3.5	2.02	5.5	2.56	10.3	9.0	20.4	4.82	52.1	41.5	1.14	50.48	34.9	92.11	1,037.72
Dec. 31—																				
1919	35.9	13.65	24.99	71.5	30.8	6.9	1.88	6.4	3.16	14.8	19.5	24.9	5.60	40.3	48.6	1.40	82.61	41.0	134.51	904.21
1920	35.4	12.49	18.81	110.5	31.0	10.3	2.10	6.6	3.03	15.8	19.5	27.0	12.56	42.9	80.8	1.80	88.23	46.2	100.93	566.77
1921	32.3	11.05	15.32	37.8	12.9	3.4	1.54	3.9	1.66	7.6	10.6	18.6	3.94	17.8	48.9	2.00	91.71	23.7	93.08	566.91
1922	31.4	10.18	17.34	40.5	14.5	3.4	1.15	3.7	2.09	9.3	12.9	24.5	2.59	15.1	59.3	2.04	74.39	25.6	107.38	575.03
1923	32.4	9.95	15.91	43.9	16.0	3.3	.99	4.0	2.01	8.2	13.5	28.2	4.93	26.7	59.7	2.35	80.18	26.4	128.33	511.09
1924	29.2	12.09	17.37	39.3	13.1	3.9	1.00	4.4	1.81	7.8	17.5	29.3	4.39	23.7	53.5	2.56	97.87	30.3	114.02	515.19
1925	27.8	13.30	15.60	40.7	16.0	4.3	1.39	5.0	2.40	10.0	22.3	31.2	2.76	48.4	51.0	2.34	80.27	33.7	190.69	680.59
1926	26.9	12.09	12.05	44.6	14.7	4.5	1.39	5.1	1.84	10.0	21.6	32.7	2.47	54.6	33.6	2.25	75.88	25.5	215.06	478.07
1927	30.7	12.69	13.10	43.6	17.4	4.6	1.31	4.6	1.74	13.4	18.4	31.6	3.06	35.6	41.4	2.15	64.90	22.2	131.52	479.08
1928	30.3	13.15	13.96	46.0	23.1	4.0	1.17	4.5	1.78	12.4	21.3	30.3	2.68	25.0	42.4	2.06	62.02	24.9	129.45	698.47
1929	29.2	12.54	15.45	47.4	16.0	4.1	1.11	4.2	1.92	9.8	20.4	28.9	2.14	19.1	38.4	1.84	65.37	23.9	128.35	579.24
1930	26.7	14.13	12.40	40.7	13.0	3.6	.98	3.7	2.11	8.4	13.1	26.6	1.85	12.9	27.3	1.60	52.99	19.7	107.76	429.26
1931	23.8	12.39	9.30	31.6	8.4	2.9	.64	2.4	.98	5.6	10.0	21.6	1.77	6.6	16.3	1.47	45.92	9.9	69.71	222.45
1932	22.5	9.32	6.66	20.0	5.6	2.6	.53	1.8	.65	4.1	9.1	13.1	1.63	3.5	13.3	1.33	39.22	9.9	64.19	216.50
1933	21.9	8.94	8.11	21.0	7.8	2.8	.56	1.4	.98	4.0	7.8	14.2	1.87	4.9	9.9	1.82	34.11	10.6	56.27	276.17
1934	22.4	10.02	9.82	26.4	7.9	2.9	.78	1.2	1.06	4.4	8.7	21.3	1.96	9.8	17.7	2.00	39.32	13.4	62.95	374.08
1935	22.9	10.66	10.56	24.3	8.6	2.7	.78	2.1	.89	4.4	7.8	19.9	2.26	11.4	13.6	2.18	36.65	14.0	72.82	490.07
1936	21.2	9.64	10.52	28.7	9.9	2.6	.91	2.1	1.15	5.2	7.7	21.7	2.66	14.5	11.7	2.19	38.65	13.2	82.09	442.68
1937	21.1	8.38	12.67	33.0	12.6	3.0	1.12	3.3	1.26	8.5	8.9	22.5	2.60	18.5	10.8	1.97	44.90	12.4	83.69	442.63

Year ended—	Hemp, per ton	Manila, per ton	Sisal, per ton	Jute burlaps, per pound	Wool, per pound			Silk, raw, per pound	Pulpwood, per cord	Boards, planks, deals, per M feet[1]	Wood pulp, per ton	Newsprint paper, per pound	Bituminous coal, per ton	Petroleum, crude, per gallon	Bar iron, per pound	Tin plates, terneplates, per pound	Copper, pigs, ingots, bars, per pound[2]	Tin, bars, blocks, pigs, per pound	Sodium nitrate, per ton
					Carpet	Clothing	Combing												
June 30—	*Dollars*	*Dollars*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Cents*	*Dollars*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Dollars*
1909	153.45	115.60	111.71	5.9	11	21	21	3.38	5.96	18.85	31.47	2.4	2.85	--------	1.8	2.7	13.3	28.54	35.60
1910	161.89	112.78	114.44	5.0	13	24	25	3.21	6.39	18.37	31.11	2.1	2.75	--------	1.8	2.8	12.5	30.52	30.65
1911	177.78	116.04	102.72	5.3	13	23	26	3.25	6.40	18.51	28.42	2.2	2.83	--------	2.0	3.2	11.9	36.67	31.29
1912	219.75	116.74	103.67	6.6	13	21	24	3.11	6.47	17.46	29.78	2.1	2.85	1.9	2.0	4.3	12.7	41.56	32.03
1913	193.67	171.08	115.71	9.0	14	23	25	3.15	6.71	17.38	32.14	2.0	2.77	1.5	2.0	3.4	15.3	46.30	35.17
1914	177.34	196.82	119.98	8.6	17	25	26	3.42	6.75	19.13	33.49	2.0	2.71	1.5	2.0	3.0	14.4	39.35	31.82
1915	217.73	180.12	110.74	7.0	17	23	25	3.09	6.67	18.99	33.82	2.0	2.90	1.4	1.9	3.3	13.4	32.44	28.34
1916	252.45	178.30	112.87	9.0	22	28	29	3.61	6.51	18.98	33.27	1.9	2.99	1.4	2.8	7.9	19.5	35.34	29.98
1917	258.17	225.03	180.82	10.8	29	36	39	4.61	6.78	20.86	60.71	2.4	3.23	1.4	4.1	10.8	26.1	39.97	35.06
1918	403.40	352.99	343.18	13.3	40	54	62	5.25	9.46	25.49	62.66	2.8	4.42	1.3	4.8	8.4	24.5	54.60	43.64
Dec. 31—																			
1919	561.59	280.95	273.65	14.8	38	51	59	7.35	9.99	32.24	65.24	3.5	5.48	1.2	5.1	12.4	20.5	56.73	48.00
1920	411.75	304.09	185.52	15.6	32	51	58	9.48	13.62	42.31	110.50	4.7	6.06	1.3	6.1	14.5	18.6	58.54	47.75
1921	255.56	184.71	118.00	8.7	12	22	20	5.71	14.23	34.67	63.30	5.0	6.56	1.3	4.7	12.1	12.6	30.71	48.71
1922	232.40	124.89	103.33	9.4	17	25	29	7.21	10.53	29.54	56.31	3.5	5.92	1.3	2.8	5.1	12.5	30.26	48.21
1923	288.61	130.32	109.19	11.2	21	37	38	7.92	9.95	31.75	60.52	3.7	6.03	1.6	2.5	5.2	14.3	39.56	47.05
1924	345.50	175.54	142.98	10.3	24	46	47	6.39	10.24	30.10	55.71	3.7	5.73	2.3	2.7	6.8	12.6	47.32	47.81
1925	458.87	290.51	170.79	13.6	30	46	53	6.21	10.20	30.33	55.09	3.6	4.90	2.9	2.0	12.6	12.9	55.40	47.23
1926	373.73	263.92	182.86	13.7	26	35	39	5.91	10.25	28.79	59.01	3.3	4.85	3.1	2.3	6.1	12.6	60.63	46.79
1927	309.08	255.49	153.32	11.8	26	34	37	5.27	10.32	27.82	57.37	3.3	4.98	3.2	2.0	8.0	11.8	63.30	40.24
1928	341.41	202.65	145.10	12.9	25	44	44	4.87	10.45	26.98	53.27	3.2	4.91	2.7	2.9	7.4	12.4	49.80	35.81
1929	290.74	186.95	156.58	12.0	27	38	38	4.91	10.81	27.52	52.75	3.0	4.88	2.4	3.0	11.2	16.1	47.06	37.52
1930	259.95	138.08	138.50	9.1	20	26	25	3.57	10.76	23.84	49.63	2.9	5.34	2.5	3.3	11.5	13.2	33.31	37.71
1931	145.17	95.60	83.44	6.7	12	24	20	2.28	10.97	20.86	42.72	2.7	5.52	2.0	2.5	9.7	8.5	24.82	38.34
1932	148.38	62.91	50.10	5.0	9	14	15	1.54	8.61	19.29	35.45	2.4	5.34	1.6	2.3	2.9	5.7	21.12	29.19
1933	211.00	56.99	56.89	6.1	10	19	18	1.52	7.41	22.03	33.09	1.9	4.63	1.3	2.8	6.9	6.2	36.36	19.07
1934	254.15	66.31	70.91	7.4	13	24	23	1.27	7.54	25.39	38.34	1.7	4.52	1.7	3.0	11.3	7.0	50.02	19.32
1935	285.54	80.52	71.03	7.0	14	23	21	1.42	7.48	24.54	[3] 36.59	1.7	4.07	1.7	2.0	11.7	6.9	48.50	20.32
1936	317.22	144.99	104.45	6.4	18	26	27	1.70	7.84	24.01	[3] 36.37	1.8	4.25	1.7	2.6	11.9	8.3	44.30	19.39
1937	284.49	177.95	115.06	6.3	27	33	33	1.84	8.14	27.45	[3] 41.04	1.8	4.04	1.8	3.2	13.0	9.2	52.84	18.53

[1] Revised to exclude cabinet woods beginning 1919.
[2] Unrefined copper beginning 1916.
[3] Beginning 1935, tons of 2,000 pounds, air-dry weight.
Source: Bureau of Foreign and Domestic Commerce.

14.—WAGES, HOURS OF LABOR, AND EMPLOYMENT

[Data in this section relate to continental United States, except as noted. For data relating to hours of labor, wages, and employment shown in other sections, consult the index]

No. 362.—AVERAGE HOURS AND EARNINGS IN SELECTED MANUFACTURING INDUSTRIES

NOTE.—The averages in this table are based on monthly data supplied by representative establishments in the respective industries. As the number of such establishments varies slightly from month to month, the averages for different years are not in all cases strictly comparable; but the reporting "samples" are, in general, large enough to be representative of the industries. The average weekly earnings do not represent full-time earnings, inasmuch as the data from which they are computed cover both full-time and part-time workers. The average weekly hours and average hourly earnings are derived from somewhat smaller samples than the average weekly earnings, and therefore the product obtained by multiplying the hours by the hourly earnings is not identical with the average weekly earnings.

Year	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	All manufacturing industries			Blast furnaces, steel works, and rolling mills			Cast-iron pipe			Hardware		
1933	$17.57	37.9	$0.460	$17.27	32.5	$0.531	$13.33	29.7	$0.453	$15.61	35.2	$0.465
1934	19.14	34.7	.548	19.25	30.5	.632	14.57	29.7	.489	17.74	33.1	.538
1935	21.06	36.6	.568	23.12	34.9	.664	15.40	31.0	.490	20.27	37.1	.549
1936	22.82	39.1	.575	27.42	40.9	.671	18.99	38.2	.493	22.90	41.0	.562
1937	25.14	38.5	.643	31.64	38.7	.818	21.17	37.8	.555	24.69	38.5	.641
	Steam and hot-water heating apparatus and steam fittings			Stoves			Structural and ornamental metalwork			Agricultural implements		
1933	$17.38	33.5	$0.516	$17.67	35.8	$0.482	$16.08	32.8	$0.480	$15.89	33.7	$0.467
1934	19.92	34.6	.576	18.94	35.1	.540	19.27	33.3	.579	19.65	36.5	.541
1935	21.76	37.3	.581	21.58	38.1	.566	20.58	35.2	.586	23.24	39.5	.592
1936	24.25	41.2	.587	24.12	41.7	.582	24.32	41.7	.584	24.07	39.7	.610
1937	27.08	40.0	.676	25.02	39.4	.638	28.18	41.2	.684	28.30	39.9	.716
	Electrical machinery, apparatus, and supplies			Engines, turbines, tractors, and water wheels			Foundry and machine-shop products			Machine tools		
1933	$19.83	33.1	$0.571	$20.19	34.9	$0.576	$17.32	32.7	$0.532	$19.44	33.9	$0.568
1934	20.83	34.0	.604	23.35	37.2	.627	20.30	34.7	.587	22.49	37.2	.604
1935	22.90	36.8	.623	26.05	39.0	.672	22.66	37.8	.599	25.89	41.5	.624
1936	24.98	39.9	.624	27.37	39.7	.694	25.55	42.4	.601	28.40	44.6	.636
1937	28.05	39.4	.711	31.72	39.9	.800	28.51	41.9	.680	32.24	45.1	.716
	Radios and phonographs			Textile machinery and parts			Aircraft			Automobiles		
1933	$18.30	(1)	(1)	$19.85	36.5	$0.565	$27.46	(1)	(1)	$20.96	35.2	$0.593
1934	18.45	33.7	$0.540	20.67	35.2	.599	24.65	39.4	$0.636	23.31	33.3	.700
1935	19.40	35.9	.542	22.46	36.7	.613	25.75	40.9	.650	27.41	37.1	.739
1936	20.10	37.3	.540	24.55	41.0	.599	26.07	42.1	.632	29.75	38.5	.774
1937	21.26	36.3	.588	27.52	42.4	.651	27.91	42.3	.666	31.94	35.9	.891
	Shipbuilding			Aluminum manufactures			Brass, bronze, and copper products			Smelting and refining—copper, lead, and zinc		
1933	$20.81	31.0	$0.608	$16.85	(1)	(1)	$18.07	36.0	$0.495	$18.19	(1)	(1)
1934	22.80	31.0	.728	18.24	(1)	(1)	20.07	35.7	.563	20.19	37.5	$0.535
1935	24.77	32.8	.750	21.09	38.9	$0.542	22.86	39.3	.582	21.61	38.9	.556
1936	27.35	35.7	.760	23.38	41.3	.566	24.75	41.6	.595	23.99	41.5	.578
1937	30.51	37.1	.814	25.96	40.4	.643	27.59	39.6	.697	27.91	41.3	.676
	Stamped and enameled ware			Lumber—millwork			Lumber—sawmills			Brick, tile, and terra cotta		
1933	$15.88	37.5	$0.420	$14.02	(1)	(1)	$12.66	37.4	$0.343	$11.88	32.2	$0.367
1934	18.56	35.2	.527	15.67	(1)	(1)	14.33	33.4	.437	14.06	31.8	.437
1935	19.97	37.4	.534	17.99	39.5	$0.454	16.62	37.5	.448	16.14	35.8	.450
1936	22.44	40.0	.558	20.16	43.2	.467	19.20	41.5	.468	18.94	41.9	.453
1937	24.29	38.8	.625	21.76	42.0	.520	20.72	41.0	.511	20.88	40.2	.519

[1] Data are not available.

No. 362.—Average Hours and Earnings in Selected Manufacturing Industries—Continued

Year	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Cement			Glass			Pottery			Carpets and rugs		
1933	$16.55	34.1	$0.467	$18.07	35.9	$0.482	$15.82	(1)	(1)	$16.68	36.8	$0.455
1934	18.64	32.8	.562	18.78	33.8	.557	16.75	33.8	$0.498	17.45	31.3	.548
1935	19.39	33.9	.572	20.56	35.4	.584	19.08	36.3	.540	20.55	36.5	.564
1936	22.27	38.5	.579	22.35	36.8	.609	21.22	39.9	.553	20.61	36.7	.563
1937	25.35	38.8	.655	24.97	37.1	.675	23.12	39.9	.596	21.28	34.1	.622
	Cotton goods			Dyeing and finishing textiles			Knit goods			Silk and rayon goods		
1933	$11.56	41.4	$0.277	$17.97	42.4	$0.425	$13.57	39.6	$0.365	$13.29	37.1	$0.356
1934	12.58	33.2	.378	17.95	34.2	.523	15.51	33.8	.464	14.82	33.4	.443
1935	13.06	34.6	.376	18.95	35.4	.533	16.40	34.6	.479	15.55	34.8	.447
1936	13.79	37.5	.368	20.17	38.9	.517	16.86	36.4	.474	15.44	36.2	.426
1937	14.97	36.2	.413	21.23	37.5	.561	17.54	35.8	.499	16.16	35.9	.450
	Woolen and worsted goods			Clothing, men's			Leather			Beverages		
1933	$16.26	41.3	$0.396	$14.30	(1)	(1)	$19.06	41.1	$0.446	$27.80	41.7	$0.661
1934	16.44	33.3	.493	16.26	27.8	$0.580	20.17	36.8	.537	28.96	38.4	.751
1935	18.13	36.8	.493	18.27	30.4	.595	21.47	38.2	.562	30.04	39.0	.770
1936	18.11	36.2	.501	18.39	32.2	.560	21.99	39.2	.560	31.50	40.5	.784
1937	19.99	35.3	.569	18.98	32.0	.591	23.90	38.8	.617	33.05	40.4	.826
	Canning and preserving			Confectionery			Flour			Slaughtering and meat packing		
1933	$11.35	(1)	(1)	$13.65	37.2	$0.366	$20.34	43.4	$0.460	$20.00	43.3	$0.462
1934	12.64	32.9	$0.377	15.44	36.3	.418	20.81	38.6	.535	21.93	40.8	.528
1935	13.72	35.9	.383	15.98	36.7	.436	21.68	39.4	.548	22.84	40.4	.559
1936	14.14	36.5	.393	16.38	39.5	.418	23.60	43.8	.536	23.89	42.2	.565
1937	16.76	37.9	.457	17.76	39.3	.454	25.59	44.3	.571	27.27	41.0	.665
	Sugar, beet			Sugar refining, cane			Chewing and smoking tobacco and snuff			Cigars and cigarettes		
1933	$19.26	49.0	$0.426	$22.83	(1)	(1)	$13.46	38.8	$0.342	$12.40	(1)	(1)
1934	18.75	40.5	.480	21.28	37.5	$0.549	13.70	34.5	.390	13.17	(1)	(1)
1935	20.57	42.1	.498	22.04	38.5	.568	15.03	34.9	.432	13.97	35.0	$0.395
1936	21.38	43.8	.495	22.71	38.8	.579	15.81	35.7	.444	14.77	35.7	.405
1937	23.91	42.6	.574	26.18	41.0	.629	17.67	36.2	.491	16.32	37.2	.440
	Boxes, paper			Paper and pulp			Printing and publishing—book and job			Printing and publishing—newspapers and periodicals		
1933	$17.15	(1)	(1)	$17.97	40.6	$0.443	$25.14	(1)	(1)	$31.18	(1)	(1)
1934	18.16	36.6	$0.496	18.74	36.4	.515	26.12	36.1	$0.725	32.32	37.3	$0.845
1935	18.92	38.1	.497	20.56	38.9	.529	27.48	37.4	.737	33.11	36.8	.892
1936	19.55	40.9	.481	22.33	41.6	.537	28.41	38.6	.742	35.15	37.0	.922
1937	20.57	40.4	.515	24.75	41.0	.604	30.05	39.4	.773	36.85	37.0	.962
	Chemicals			Fertilizers			Paints and varnishes			Rayon and allied products		
1933	$23.42	41.0	$0.566	$11.56	(1)	(1)	$20.95	40.5	$0.512	$17.01	41.2	$0.420
1934	23.80	38.6	.616	12.19	33.5	$0.363	21.40	38.1	.557	18.59	37.0	.504
1935	25.29	39.7	.636	12.09	34.1	.354	23.32	39.8	.586	19.48	37.9	.514
1936	26.54	40.6	.653	14.20	39.5	.359	25.12	41.9	.600	20.52	38.6	.532
1937	30.13	39.9	.755	16.68	41.5	.401	27.59	41.2	.670	23.76	38.5	.617
	Soap			Petroleum refining			Rubber goods, other than boots, shoes, tires, and inner tubes			Rubber tires and inner tubes		
1933	$20.84	40.6	$0.477	$26.46	37.9	$0.655	$17.19	37.9	$0.455	$20.53	31.6	$0.642
1934	21.58	38.2	.554	26.72	34.9	.750	18.39	35.3	.513	23.65	30.7	.779
1935	23.31	38.2	.606	27.81	35.0	.801	19.65	37.5	.527	27.01	32.3	.842
1936	24.21	39.3	.617	29.36	35.8	.827	21.39	40.3	.535	30.72	35.4	.873
1937	27.89	39.7	.707	33.72	36.0	.945	22.99	39.1	.592	30.08	31.8	.950

[1] Data are not available.

Source: Bureau of Labor Statistics, Department of Labor; see source of table 364 regarding monthly figures.

No. 363.—INDEX NUMBERS OF AVERAGE WEEKLY EARNINGS IN MANUFACTURING INDUSTRIES, OF COST OF LIVING, AND OF WEEKLY EARNINGS ADJUSTED TO THE COST OF LIVING INDEX

NOTE.—1923-25 average=100. The indexes of average weekly earnings in this table are derived from the employment and pay-roll indexes shown in table 367. For description of method of computing indexes of cost of living, see headnote, table 354, p. 312. The significance of changes in average earnings is affected by such considerations as labor productivity, labor cost per unit of output, labor turnover, and wholesale prices. Such qualifying data are embodied in detailed reports of the Bureau of Labor Statistics

Year	Average weekly earnings	Cost of living	Weekly earnings adjusted to cost of living	Year	Average weekly earnings	Cost of living	Weekly earnings adjusted to cost of living
1920	109.4	116.2	94.1	1929	104.2	99.5	104.7
1921	92.2	103.6	89.0	1930	96.8	97.0	99.8
1922	89.5	97.2	92.1	1931	86.8	88.6	98.0
1923	99.1	99.0	100.1	1932	70.4	79.8	88.2
1924	99.6	99.2	100.4	1933	68.3	75.8	90.1
1925	101.3	101.8	99.5	1934	75.3	78.6	95.8
1926	102.5	102.6	99.9	1935	81.2	80.7	100.6
1927	102.9	100.6	102.3	1936	87.5	81.6	107.2
1928	103.8	99.5	104.3	1937	96.4	84.3	114.4

Source: Bureau of Labor Statistics, Department of Labor.

No. 364.—AVERAGE HOURS AND EARNINGS IN SELECTED NONMANUFACTURING INDUSTRIES

NOTE.—See headnote, table 362

Year	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Anthracite mining			Bituminous coal mining			Metalliferous mining			Quarrying and nonmetallic mining		
1933	$25.74	31.4	$0.818	$14.47	29.5	$0.501	$19.32	39.1	$0.495	$14.64	36.3	$0.410
1934	27.35	33.2	.826	18.10	27.0	.672	20.83	36.8	.559	15.69	33.3	.474
1935	25.98	31.7	.823	19.58	26.4	.745	23.23	38.7	.593	16.68	34.9	.475
1936	25.63	30.8	.833	22.71	28.8	.794	25.45	42.0	.605	19.69	41.4	.475
1937	25.19	28.8	.873	23.84	27.9	.856	30.59	43.8	.700	22.20	41.6	.533
	Crude petroleum producing			Telephone and telegraph			Electric light and power and manufactured gas			Electric-railroad and motorbus operation and maintenance		
1933	$27.51	(1)	(1)	$26.11	37.4	$0.704	$28.73	42.4	$0.676	$26.79	45.6	$0.578
1934	27.48	(1)	(1)	27.10	35.1	.723	29.33	38.9	.754	27.58	45.4	.602
1935	28.88	36.1	$0.785	28.32	38.4	.760	30.50	39.3	.775	28.47	45.4	.617
1936	29.93	38.2	.768	29.29	38.9	.781	31.70	40.2	.788	30.28	46.5	.639
1937	33.24	39.7	.827	30.61	38.9	.820	33.61	40.2	.838	31.67	46.2	.677
	Wholesale trade			Retail trade—total			Retail trade—general merchandising			Retail trade—other than general merchandising		
1933	$26.11	(1)	(1)	$19.18	45.1	$0.464	$17.57	40.8	$0.426	$22.37	46.0	$0.478
1934	26.37	41.1	$0.636	19.86	41.5	.529	17.21	38.1	.470	22.40	42.4	.544
1935	26.93	41.3	.648	19.96	41.8	.521	17.02	39.0	.466	22.47	42.7	.538
1936	28.53	42.6	.667	20.68	43.5	.522	17.51	40.8	.460	23.41	44.4	.541
1937	29.94	42.8	.698	21.73	42.3	.538	18.49	39.8	.503	24.48	44.4	.567
	Hotels (year-round) [2]			Laundries			Dyeing and cleaning			Building construction [3]		
1933	$12.79	50.6	$0.238	$14.74	40.3	$0.357	$16.78	(1)	(1)	$21.56	(1)	(1)
1934	13.17	47.2	.273	15.03	39.4	.377	17.90	40.4	$0.443	22.89	28.9	$0.795
1935	13.57	47.8	.279	15.55	40.7	.366	18.27	41.7	.437	24.26	30.1	.813
1936	13.97	48.3	.287	16.06	42.5	.374	18.65	42.3	.442	27.04	32.7	.823
1937	14.78	47.7	.308	16.82	42.9	.391	19.72	42.7	.470	30.24	33.4	.903

[1] Not available.
[2] Cash payments only; the additional value of board, room, and tips cannot be computed.
[3] Not including projects financed by Public Works Adm., or Reconstruction Finance Corp. funds, or regular governmental appropriations.

Source: Bureau of Labor Statistics, Department of Labor. Monthly figures are published currently in the Monthly Labor Review and in a pamphlet, "Employment and Pay Rolls."

No. 365.—AVERAGE HOURLY WAGE RATES PAID COMMON LABOR

NOTE.—In cents per hour as of July 1 of each year. Figures represent entrance rates paid unskilled adult males in important industries employing considerable numbers of common laborers

Year	All industries covered	Manufacturing	Public utilities	Building construction [1]
Total, 13 industries:				
1927	42.4	39.9	39.8	48.2
1928	42.8	40.2	42.9	47.4
1929	43.2	40.7	42.8	48.3
1930	42.9	40.5	44.6	47.0
1931	40.3	38.3	44.6	42.6
1932	35.5	31.8	41.5	39.9
1933	33.3	30.5	38.7	38.3
1934	42.0	40.7	41.8	45.5
1935	43.0	41.5	42.0	48.1
1936	43.4	42.5	42.9	50.9
1937	51.4	51.4	46.7	55.3
Total, 20 industries:				
1937	51.2	51.1	46.7	55.3

Region and geographic division	Total	White	Negro	Other [2]
United States, 1937, 20 industries	51.2	53.4	42.0	49.3
North	55.3	55.2	56.6	53.1
New England	49.5	49.4	53.1	(3)
Middle Atlantic	55.0	54.7	56.6	58.4
East North Central	56.0	55.7	57.0	60.9
West North Central	52.7	52.3	55.8	56.7
Mountain	54.8	57.2	32.9	37.6
Pacific	58.6	59.3	52.7	50.3
South	38.9	43.4	34.5	33.9
South Atlantic	40.8	46.6	35.0	(3)
East South Central	37.3	39.8	35.6	(3)
West South Central	37.5	41.4	32.9	33.7

Industry	1936	1937
All industries covered:		
Total, 13 industries	43.4	51.4
Total, 20 industries	43.2	51.2
Manufacturing:		
Total, 9 industries	42.5	51.4
Total, 16 industries	42.4	51.1
Automobile parts	46.6	55.4
Brick, tile, and terra cotta	37.9	45.7
Cement	44.0	51.4
Chemicals	44.1	52.4
Fertilizers	29.6	36.4
Foundry and machine-shop products	42.5	49.6
Glass	43.8	50.4
Iron and steel	45.1	58.5
Leather	42.2	47.7
Lumber (sawmills)	38.0	43.7
Paints and varnishes	43.5	55.2
Paper and pulp	41.3	47.7
Petroleum refining	52.5	61.1
Rubber tires and inner tubes	44.7	48.1
Slaughtering and meat packing	45.6	56.7
Soap	42.2	48.9
Public utilities, total	42.9	46.7
Electric light and power	43.1	45.9
Electric-railroad and motorbus operation and maintenance	42.3	47.5
Manufactured and natural gas	43.7	47.3
Building construction	50.9	55.3

[1] Figures through 1935 cover a small amount of construction outside the building industry.
[2] Includes Mexicans. [3] Fewer than 50 employees; no average computed.
Source: Bureau of Labor Statistics, Department of Labor.

No. 366.—WAGE RATES OF COMMON LABOR IN ROAD BUILDING

[In cents per hour]

Year and month	United States, average [1]	New England	Middle Atlantic	South Atlantic	East South Central	West South Central	East North Central	West North Central	Mountain	Pacific
Federal-aid projects: [2]										
1925	38	46	44	27	25	27	37	38	44	52
1926	38	50	46	29	25	27	38	36	43	52
1927	39	49	47	27	25	30	39	38	45	53
1928	40	50	44	[3] 26	26	28	39	38	46	53
1929	39	51	43	27	26	31	40	38	46	53
1930	39	50	42	25	25	28	38	37	47	53
1931	36	45	38	21	20	23	37	36	45	51
1932	32	36	36	19	19	26	[4] 37	34	44	48
1933 [5]	35	36	36	23	20	28	41	35	44	52
1934 [5]	40	42	41	26	25	33	49	38	50	57
1935 [5]	43	43	44	26	27	33	51	38	51	57
1936	41	[4] 44	45	25	30	31	49	41	52	57
1937	41	45	47	26	28	31	56	44	53	61
1938 (Jan.-June)	38	44	49	27	28	36	59	44	55	64
Emergency, Public Works, or Works Program projects: [6]										
1933	37	40	39	24	23	29	40	39	50	52
1934	42	43	41	31	30	35	50	44	55	58
1935	41	45	43	31	30	36	53	47	56	57
1936	38	[5] 42	49	27	26	29	49	39	52	58
1937	40	49	50	27	29	30	61	48	52	63
1938 (Jan.-June)	36	50	53	26	30	31	69	51	61	60

[1] Changes in United States wage rates are affected by the relative number of men employed in areas with higher or lower wage rates.
[2] Beginning with March 1932 through December 1935, data from State projects also are included.
[3] Average for 10 months. [4] Average for 11 months.
[5] Federal-aid projects were at a low level for 1933 to 1935 and wage rates are not representative, see data for emergency, etc., projects.
[6] Data are based upon the type of project that employed the greatest number of men for the given year.
Source: Bureau of Public Roads, Department of Agriculture.

No. 367.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES: REVISED SERIES

NOTE.—Monthly average, 1923-25=100. Indexes are based on monthly reports from representative establishments in 87 manufacturing industries. These industries and industry groups are shown in tables 369-371. The base used in computing these indexes is the 3-year average, 1923-25, taken as 100. Indexes are not adjusted for seasonal variation. Indexes in this table and tables 368-371 have been adjusted to conform with the Federal Biennial Census statistics on factory employment and pay rolls through the year 1935 and supersede the previously published series. The principal change in addition to the adjustment to the 1935 census is the elimination of the railroad repair-shop group from the revised series. For indexes of employment adjusted for seasonal variations, see table 368.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
EMPLOYMENT													
1920	114.3	113.3	115.6	114.0	111.1	110.1	107.5	107.4	106.1	102.1	95.6	88.0	107.1
1921	79.5	81.7	82.9	82.3	82.0	81.2	79.7	81.1	83.0	83.7	83.7	82.7	82.0
1922	82.4	84.5	85.8	85.7	87.9	89.6	90.5	93.1	95.1	96.6	98.0	99.1	90.7
1923	100.2	102.4	104.6	105.1	105.2	105.7	104.6	104.8	105.3	104.0	102.8	101.1	103.8
1924	100.1	101.7	101.9	100.1	96.8	93.8	90.6	92.0	94.2	95.0	94.5	96.1	96.4
1925	96.6	98.3	99.2	99.1	98.6	98.4	98.3	100.0	101.9	102.6	102.2	101.8	99.8
1926	101.0	102.0	102.5	101.8	100.8	100.8	99.7	101.8	104.0	103.6	101.6	100.3	101.7
1927	98.6	100.2	100.9	100.3	99.6	99.7	98.6	99.9	101.2	100.2	98.0	96.5	99.5
1928	95.3	97.2	98.2	97.8	97.8	98.5	98.4	101.1	103.3	103.5	102.6	102.1	99.7
1929	101.7	104.1	105.4	106.7	106.5	106.8	107.3	109.2	110.3	109.0	104.6	100.7	106.0
1930	98.2	98.3	97.9	97.3	95.6	93.6	90.4	89.7	90.7	88.7	85.4	82.9	92.4
1931	80.1	80.8	81.2	81.2	80.6	78.8	77.7	77.9	78.3	75.5	72.7	72.0	78.1
1932	70.0	71.2	70.1	67.8	65.2	63.2	61.0	62.7	66.1	67.2	66.3	65.1	66.3
1933	63.3	64.7	62.3	63.9	66.8	71.6	76.2	81.3	85.0	84.6	81.2	79.5	73.4
1934	78.8	83.7	87.2	88.8	89.0	87.8	86.3	87.4	83.5	85.9	84.3	85.6	85.7
1935	86.6	89.0	91.1	91.3	90.0	88.3	88.9	91.7	93.8	95.2	94.5	94.0	91.3
1936	92.1	92.2	93.4	94.7	95.4	95.9	97.1	99.9	101.9	103.2	103.3	104.4	97.8
1937	102.7	105.3	107.7	108.8	108.9	107.5	108.0	109.1	109.0	107.2	101.1	94.5	105.8
1938	87.8	88.2	87.7	85.7	83.4	81.6	------	------	------	------	------	------	--------
PAY ROLLS													
1920	119.1	117.4	125.4	122.3	123.0	124.4	120.0	120.6	118.9	114.4	105.0	95.5	117.2
1921	80.6	80.1	81.0	78.8	77.4	75.6	71.6	73.6	73.3	71.9	70.9	72.7	75.6
1922	69.6	72.5	74.4	73.6	77.0	80.0	80.2	84.1	87.0	88.7	92.2	94.5	81.2
1923	93.9	97.8	102.6	103.8	107.3	107.2	102.9	103.1	103.8	105.9	103.9	102.7	102.9
1924	98.0	104.5	104.5	102.0	97.6	91.9	85.3	89.1	92.4	94.6	93.1	97.6	96.0
1925	96.0	101.0	102.8	100.4	101.4	99.2	97.5	100.1	99.4	105.3	105.1	105.5	101.1
1926	101.6	105.7	107.2	104.9	103.5	103.7	99.4	103.8	105.1	108.0	104.3	103.6	104.2
1927	98.6	104.8	106.6	105.0	104.8	103.2	99.1	102.5	102.1	102.7	98.9	100.0	102.4
1928	96.6	102.0	103.5	101.3	102.3	102.7	100.2	104.6	106.2	109.5	106.2	106.9	103.5
1929	103.8	110.8	113.0	114.1	114.3	112.7	108.6	113.5	114.4	113.7	104.9	101.2	110.4
1930	96.5	99.6	99.7	98.5	96.1	92.9	85.0	83.8	84.8	82.9	77.3	75.4	89.4
1931	70.3	74.4	75.9	74.7	73.6	69.9	66.6	66.4	63.8	61.8	58.3	57.8	67.8
1932	54.0	55.4	53.6	49.6	46.8	43.7	40.4	41.4	44.0	45.8	43.6	42.4	46.7
1933	40.3	41.4	38.3	40.4	44.4	49.1	52.7	58.6	61.3	61.1	57.3	56.5	50.1
1934	56.1	62.9	67.2	69.6	69.7	67.4	62.8	65.1	60.8	64.0	62.5	66.2	64.5
1935	67.5	72.6	74.3	74.4	71.7	69.9	69.1	74.0	76.7	79.4	78.6	80.4	74.1
1936	76.7	76.6	80.3	82.3	83.9	84.1	83.4	87.1	86.9	92.5	94.0	98.8	85.6
1937	94.4	99.7	105.5	109.3	109.7	107.0	104.6	108.2	104.4	104.5	92.9	84.2	102.0
1938	75.0	76.9	77.1	74.6	72.9	70.8	------	------	------	------	------	------	--------

Source: Bureau of Labor Statistics, Department of Labor. Indexes are published currently in a pamphlet entitled "Employment and Pay Rolls," and in Monthly Labor Review.

No. 368.—INDEXES OF EMPLOYMENT IN MANUFACTURING INDUSTRIES: ADJUSTED FOR SEASONAL VARIATIONS

NOTE.—Monthly average, 1923-25H100.. Indexes are based upon data shown in table 367. For a description of methods of adjustment see Federal Reserve Bulletin for October 1938, p. 836

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
1924	101.7	101.8	101.3	100.0	97.1	94.2	91.6	91.9	92.9	93.7	94.2	96.4	96.4
1925	98.1	98.6	98.7	99.0	99.0	98.9	99.4	99.7	99.9	101.1	102.0	102.4	99.8
1926	102.7	102.4	102.0	101.7	101.1	101.3	101.0	101.5	102.0	102.0	101.4	101.0	101.7
1927	100.4	100.8	100.4	100.2	100.1	100.1	99.7	99.6	99.1	98.4	97.9	97.4	99.5
1928	97.3	97.8	97.9	97.7	98.2	98.7	99.2	100.4	100.9	101.7	102.7	103.3	99.7
1929	104.2	105.0	105.3	106.4	106.6	107.0	108.1	108.4	107.3	106.6	104.4	101.9	106.0
1930	100.6	99.0	97.7	97.0	95.7	93.9	91.2	89.0	87.7	86.7	85.3	83.8	92.4
1931	82.4	81.4	81.1	81.0	80.7	79.2	78.7	77.5	76.0	73.9	72.6	72.4	78.1
1932	71.8	71.4	69.9	67.6	65.3	63.6	61.9	62.4	64.4	65.8	66.2	65.5	66.3
1933	64.9	65.0	62.2	63.8	67.1	72.2	77.4	81.0	82.8	82.9	81.2	80.1	73.4
1934	80.7	83.9	86.9	88.3	89.0	88.3	87.3	86.4	81.3	84.4	84.6	86.4	85.7
1935	88.8	90.0	90.7	90.8	90.1	89.2	90.1	91.1	91.8	93.0	94.1	94.5	91.3
1936	94.3	92.8	93.0	94.3	95.7	96.7	98.4	99.3	99.9	100.8	102.8	104.9	97.8
1937	105.2	106.0	107.3	108.4	109.1	108.4	109.3	108.6	107.2	105.1	100.6	95.1	105.8
1938	90.0	88.9	87.4	85.4	83.7	82.4	------	------	------	------	------	------	--------

Source: Board of Governors of the Federal Reserve System; indexes are published currently in Federal Reserve Bulletin.

No. 369.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING INDUSTRIES: BY DURABLE-GOODS AND NONDURABLE-GOODS GROUPS

NOTE.—Monthly average, 1923-25=100. See headnote, table 367

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
	DURABLE-GOODS GROUP [1]												
EMPLOYMENT													
1925	95.3	97.3	98.7	99.9	100.1	99.2	97.9	98.7	100.1	102.0	102.3	102.2	99.5
1926	101.3	102.9	103.9	104.3	103.7	103.2	101.8	103.0	103.5	103.0	100.8	98.6	102.5
1927	96.0	97.9	99.1	99.3	99.2	98.2	95.8	96.4	95.9	95.2	92.9	91.5	96.5
1928	90.3	92.8	94.9	96.1	97.7	98.2	97.4	99.9	101.3	101.6	101.0	100.6	97.7
1929	101.0	103.9	105.9	108.0	109.3	109.3	109.2	110.3	109.8	107.7	102.5	97.6	106.2
1930	94.8	95.3	95.1	94.9	93.8	90.8	86.3	83.7	82.3	80.9	78.1	75.7	87.6
1931	72.3	72.4	72.5	72.6	71.9	69.8	67.1	65.8	65.0	62.2	60.6	60.2	67.7
1932	58.1	58.8	57.5	55.5	54.0	52.5	50.1	48.9	49.2	49.6	50.0	49.6	52.8
1933	47.7	48.6	46.8	47.9	50.9	55.3	59.8	65.0	68.3	68.0	66.1	65.8	57.5
1934	65.2	69.6	73.8	77.0	78.8	78.1	75.7	73.6	71.5	70.2	69.8	72.3	73.0
1935	74.7	78.6	80.6	81.7	81.2	78.9	79.0	80.6	81.5	85.5	86.7	86.3	81.3
1936	84.6	84.4	86.0	88.5	90.6	91.4	91.7	91.9	93.0	96.7	98.7	100.5	91.5
1937	97.9	101.2	104.8	107.4	109.0	107.5	107.8	107.0	106.3	106.6	100.8	91.7	104.0
1938	81.7	80.1	79.3	77.0	75.0	72.4	------	------	------	------	------	------	------
PAY ROLLS													
1925	92.7	99.9	102.2	101.6	103.3	100.2	96.3	98.5	98.1	105.8	106.1	106.6	100.9
1926	99.9	106.4	108.6	107.8	106.5	106.1	100.2	104.7	104.6	108.2	103.9	101.1	104.8
1927	93.6	101.8	104.8	104.6	104.7	101.2	94.8	98.5	96.1	97.7	93.7	94.7	98.9
1928	90.1	98.0	101.0	101.4	103.9	103.0	99.0	104.5	104.8	109.4	106.1	105.8	102.3
1929	102.2	111.5	114.6	117.5	118.7	115.8	109.8	115.4	114.6	113.4	102.9	97.4	111.2
1930	91.0	96.1	96.8	97.0	94.8	90.3	79.1	76.0	75.4	74.4	68.6	66.1	83.8
1931	59.1	63.7	65.2	64.6	63.7	58.7	53.6	52.2	48.8	47.7	45.3	44.9	55.6
1932	40.7	41.8	39.5	36.9	35.8	32.6	29.4	27.9	27.9	29.8	29.5	29.0	33.4
1933	27.5	27.8	25.8	27.5	32.0	36.4	39.6	45.2	46.0	46.3	43.6	43.8	36.8
1934	43.2	49.7	55.0	59.8	61.2	59.5	51.7	52.1	47.6	48.7	48.7	53.3	52.5
1935	55.8	62.4	64.4	65.7	63.5	60.9	59.2	63.5	65.6	71.4	72.9	74.5	65.0
1936	69.9	68.9	74.2	79.3	82.1	82.6	79.7	80.8	81.0	89.6	93.4	98.4	81.7
1937	91.2	97.9	106.1	113.3	114.6	111.1	107.3	110.5	105.8	108.2	94.8	81.0	103.5
1938	67.1	67.2	67.4	65.6	64.2	61.7	------	------	------	------	------	------	------
	NONDURABLE-GOODS GROUP [2]												
EMPLOYMENT													
1925	97.8	99.3	99.7	98.4	97.1	97.7	98.7	101.3	103.7	103.2	102.2	101.4	100.0
1926	100.7	101.1	101.2	99.4	98.0	98.5	97.7	100.7	104.4	104.2	102.4	101.9	100.9
1927	101.1	102.3	102.6	101.2	100.0	101.1	101.2	103.3	106.2	104.9	102.8	101.3	102.3
1928	100.1	101.3	101.3	99.4	98.0	98.7	99.4	102.2	105.1	105.4	104.1	103.6	101.6
1929	102.3	104.3	105.0	105.4	103.9	104.4	105.6	108.2	110.8	110.2	106.6	103.6	105.9
1930	101.4	101.2	100.5	99.6	97.4	96.3	94.3	95.3	98.6	96.2	92.3	89.9	96.9
1931	87.5	88.7	89.5	89.4	88.9	87.4	87.8	89.5	90.9	88.1	84.3	83.2	87.9
1932	81.4	83.0	82.1	79.5	75.9	73.4	71.5	75.9	82.2	83.9	81.8	79.8	79.2
1933	78.1	80.1	77.0	79.1	82.0	87.1	91.8	97.0	100.8	100.3	95.6	92.5	88.5
1934	91.7	97.0	99.9	100.0	98.8	97.1	96.4	100.6	95.0	100.9	98.0	98.3	97.8
1935	98.0	100.0	101.1	100.5	98.3	97.2	98.2	102.2	105.5	104.5	102.0	101.3	100.7
1936	99.2	99.6	100.5	100.6	100.0	100.1	102.2	107.5	110.4	109.3	107.6	108.0	103.8
1937	107.3	109.3	110.5	110.1	108.9	107.5	108.2	111.1	111.5	107.8	101.4	97.2	107.6
1938	93.7	95.9	95.8	94.0	91.5	90.3	------	------	------	------	------	------	------
PAY ROLLS													
1925	99.7	102.2	103.4	99.1	99.3	98.1	98.7	101.9	101.0	104.9	103.9	104.4	101.4
1926	103.5	105.0	105.6	101.6	100.2	101.1	98.6	102.8	105.6	107.9	104.9	106.3	103.6
1927	104.3	108.2	108.5	105.5	104.9	105.4	103.9	107.0	108.8	108.3	104.7	106.0	106.3
1928	103.8	106.4	106.3	101.2	100.6	102.3	101.5	104.8	107.7	109.7	106.2	108.2	104.9
1929	105.6	110.0	111.2	110.3	109.5	109.2	107.2	111.3	114.2	114.0	107.1	105.4	109.6
1930	102.6	103.5	103.0	100.3	97.6	95.7	91.6	92.6	95.3	92.5	87.0	85.8	95.6
1931	82.8	86.5	87.9	86.0	84.8	82.4	81.1	82.2	80.6	77.7	72.9	72.3	81.4
1932	68.9	70.6	69.3	63.8	59.1	56.1	52.8	56.4	62.1	63.8	59.4	57.4	61.6
1933	54.6	56.6	52.4	54.8	58.3	63.3	67.3	73.5	78.4	77.7	72.5	70.8	65.0
1934	70.6	77.6	81.0	80.7	79.1	76.4	75.3	79.7	75.6	81.0	77.9	80.7	78.0
1935	80.5	84.0	85.3	84.0	81.0	79.9	80.1	85.7	89.1	88.3	84.8	87.1	84.2
1936	84.3	85.1	87.2	85.8	85.8	85.7	87.6	94.0	93.5	95.7	94.7	99.2	89.9
1937	97.9	101.7	105.0	104.8	104.2	102.5	101.7	105.7	102.9	100.3	90.8	87.7	100.4
1938	84.0	87.8	87.9	84.7	82.6	80.9	------	------	------	------	------	------	------

[1] Iron and steel and their products; machinery; transportation equipment; nonferrous metals and their products; lumber and allied products; and stone, clay, and glass products.

[2] Food and kindred products; textiles and their products; paper and printing; chemicals and allied products, and petroleum refining; leather and its manufactures; rubber products; and tobacco manufactures.

Source: Bureau of Labor Statistics, Dept. of Labor. See source of table 367 regarding current figures.

No. 370.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING ESTABLISHMENTS: By Groups of Industries, Revised Series

NOTE.—Monthly average, 1923-25=100. See headnote, table 367

Year and month	Food and kindred products		Textiles and their products		Lumber and allied products		Paper and printing		Chemicals and allied products [1]		Rubber products		Leather and its manufactures	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1920	109.6	113.7	99.0	107.7	89.6	110.4	103.4	99.1	(2)	(2)	(2)	(2)	98.5	106.5
1921	93.3	93.6	92.6	89.3	76.6	69.7	88.0	82.5	(2)	(2)	(2)	(2)	86.6	86.5
1922	96.5	91.6	97.3	91.4	97.4	82.3	92.2	85.9	(2)	(2)	(2)	(2)	97.3	96.1
1923	101.4	99.8	105.2	105.8	101.5	100.0	99.2	96.2	102.9	102.2	102.6	101.0	106.6	106.9
1924	98.3	99.3	94.9	93.8	98.3	98.5	99.7	99.5	96.8	96.4	91.8	92.9	96.3	95.3
1925	100.3	100.9	99.9	100.4	100.2	101.5	101.1	104.3	100.3	101.4	105.6	106.1	97.1	97.8
1926	99.7	102.0	99.9	100.2	100.3	102.4	104.1	110.8	106.5	108.7	105.1	107.0	96.6	98.9
1927	100.2	103.0	104.0	106.8	93.9	96.6	104.1	111.0	104.2	107.8	105.7	110.0	97.7	100.3
1928	103.8	106.3	101.3	101.7	92.1	94.1	105.0	112.3	103.0	108.0	111.1	117.5	95.6	95.8
1929	111.1	112.9	104.8	105.2	95.2	97.3	111.3	119.5	115.7	120.9	111.0	115.1	98.5	99.0
1930	107.8	108.0	92.9	85.6	75.8	72.5	108.0	114.6	109.4	112.2	85.9	84.7	91.2	82.3
1931	95.6	92.0	87.2	75.2	56.0	46.2	96.3	97.3	95.4	92.0	73.9	62.5	84.3	72.1
1932	88.6	75.0	77.9	53.6	43.6	26.6	85.5	74.8	85.6	71.7	67.6	47.4	81.2	57.6
1933	100.3	78.7	90.5	61.8	49.9	30.3	86.7	68.3	97.1	76.2	79.1	55.0	87.2	61.2
1934	119.2	98.1	96.7	73.4	56.6	37.4	97.4	80.4	110.8	90.9	88.8	69.3	94.0	73.2
1935	120.1	101.4	103.5	83.2	63.6	45.9	102.0	88.4	112.5	97.4	85.4	74.2	96.1	76.9
1936	123.8	109.8	106.7	86.8	71.1	57.6	105.8	96.3	115.4	106.1	90.4	87.5	95.8	75.9
1937	128.7	125.4	108.5	92.4	76.6	67.2	111.7	107.9	125.3	130.2	96.8	96.9	97.7	81.7
1938														
January	114.7	116.6	89.7	68.0	60.0	45.1	106.1	100.3	114.6	115.7	77.9	66.1	89.6	69.0
February	113.3	114.2	94.7	77.9	60.6	48.0	106.1	101.2	115.1	117.3	74.1	58.9	93.5	77.0
March	112.0	113.3	95.0	78.0	62.3	51.8	105.3	101.3	115.1	117.3	72.9	60.9	94.2	76.6
April	112.6	114.1	91.8	71.6	61.6	50.1	104.6	99.4	112.4	114.3	72.7	61.9	92.1	70.6
May	113.6	117.3	87.4	66.3	61.0	50.5	103.4	98.5	108.8	115.7	71.4	63.3	86.0	60.9
June	119.4	121.7	84.6	62.4	60.7	51.2	101.9	96.0	105.2	112.8	70.6	63.5	81.8	57.5

Year and month	Stone, clay, and glass products		Iron and steel and their products [3]		Nonferrous metals and their products		Machinery, not incl. transportation equipment		Transportation equipment		Tobacco manufactures	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1920	89.8	92.8	107.8	123.8	(2)	(2)	128.6	134.8	(2)	(2)	111.3	124.6
1921	72.2	66.5	66.6	57.0	(2)	(2)	77.5	69.6	(2)	(2)	108.3	104.5
1922	85.5	72.6	84.1	70.6	(2)	(2)	81.7	72.2	(2)	(2)	105.8	99.1
1923	100.4	98.3	104.1	103.5	104.8	102.8	105.8	104.1	107.6	107.7	105.7	104.1
1924	98.9	100.5	97.0	96.5	96.8	96.3	94.9	94.9	93.1	90.8	98.8	99.4
1925	100.7	101.2	98.9	100.0	98.4	100.9	99.3	101.0	99.3	101.5	95.5	96.5
1926	103.8	104.2	102.3	104.8	(2)	(2)	107.4	111.1	99.1	99.5	90.9	92.1
1927	99.9	100.5	97.1	98.5	97.0	101.1	102.4	106.2	87.9	89.8	93.4	91.0
1928	95.7	96.2	97.0	100.6	(2)	(2)	104.9	111.3	96.2	101.6	90.7	86.1
1929	93.8	93.7	103.3	108.3	110.2	115.3	125.9	134.3	103.5	105.4	83.9	81.8
1930	80.2	76.9	89.9	86.3	(2)	(2)	104.9	102.7	80.2	70.2	78.3	72.7
1931	63.7	53.9	70.3	55.7	72.4	61.4	78.3	64.2	66.3	52.3	72.1	60.1
1932	46.7	30.6	57.4	31.3	58.0	38.6	57.0	37.3	55.5	37.8	65.6	48.2
1933	49.4	30.8	65.8	39.9	62.6	41.1	60.8	40.5	54.5	35.6	63.1	44.1
1934	61.6	41.7	80.2	53.9	76.3	55.3	79.4	59.6	83.4	61.4	68.1	50.6
1935	66.6	49.0	87.1	66.5	86.3	68.3	89.1	73.5	95.3	78.1	65.4	51.5
1936	73.9	60.2	99.0	86.6	96.2	82.7	103.3	94.1	102.9	93.4	65.5	54.0
1937	80.6	72.5	111.4	109.8	108.8	105.1	123.9	126.9	117.7	115.7	65.3	59.0
1938												
January	63.1	47.9	86.4	60.9	88.8	74.9	104.0	95.1	82.6	67.6	55.7	48.0
February	63.0	51.3	85.3	63.2	88.0	74.4	99.7	91.1	79.9	65.9	63.2	52.6
March	63.7	53.0	84.4	64.3	86.9	74.3	96.9	88.0	77.4	65.1	63.8	54.7
April	65.4	54.3	82.3	63.3	84.2	69.0	93.2	83.6	71.9	64.9	63.4	53.2
May	66.0	57.7	80.7	62.7	81.8	69.0	89.7	80.6	68.2	59.5	63.8	56.6
June	65.8	56.4	77.8	59.1	79.8	66.3	86.1	76.4	62.4	57.4	64.8	59.4

[1] Includes petroleum refining.
[2] Not available.
[3] Not including machinery.

Source: Bureau of Labor Statistics, Dept. of Labor. See source of table 367 regarding current figures.

No. 371.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING ESTABLISHMENTS: BY INDUSTRY GROUPS AND INDUSTRIES, REVISED SERIES

NOTE.—Monthly average, 1923-25=100. See headnote, table 367

Industry group and industry	Employment					Pay rolls				
	1933	1934	1935	1936	1937	1933	1934	1935	1936	1937
Food and kindred products	100.3	119.2	120.1	123.8	128.7	78.7	93.1	101.4	109.8	125.4
Baking	112.2	130.3	134.4	139.9	146.7	89.9	107.6	113.6	124.2	140.5
Beverages	138.2	188.9	200.6	223.9	243.7	131.9	191.5	215.7	254.4	287.9
Butter	86.7	98.2	96.9	100.9	105.7	63.8	71.8	74.2	79.9	87.5
Canning and preserving	112.7	143.7	155.0	151.8	159.4	76.8	99.9	118.8	116.0	144.8
Confectionery	81.0	82.6	83.4	80.6	82.2	69.7	70.1	72.2	71.0	79.1
Flour	69.2	79.0	79.0	77.1	78.0	55.2	64.5	66.2	69.5	76.2
Ice cream	61.6	71.9	74.3	77.1	81.5	49.1	56.8	58.1	61.1	68.0
Slaughtering and meat packing	89.3	108.8	92.0	97.8	99.2	68.7	93.9	83.5	92.6	107.2
Sugar, beet	130.0	101.3	112.1	105.7	103.6	98.2	69.7	84.3	87.5	96.0
Sugar refining, cane	77.9	90.7	93.7	91.9	88.4	62.7	66.8	71.3	71.1	79.2
Textiles and their products	90.5	96.7	103.5	106.7	108.5	61.8	73.4	83.2	86.8	92.4
Fabrics	86.4	90.4	95.0	96.3	99.0	61.4	69.8	77.9	80.6	88.1
Carpets and rugs	62.8	68.7	81.5	85.4	95.7	41.0	45.0	62.5	66.6	77.5
Cotton goods	85.9	89.3	83.5	88.8	95.5	60.2	68.2	65.8	74.0	86.9
Cotton small wares	84.3	86.0	85.8	87.0	89.8	66.5	71.1	73.4	77.8	82.6
Dyeing and finishing textiles	101.8	113.6	118.2	115.8	114.8	77.5	88.5	94.5	97.3	100.5
Hats, fur-felt	79.8	86.4	93.3	96.3	95.2	59.5	71.0	82.0	88.7	89.3
Knit goods	102.7	110.5	119.0	121.8	122.3	81.5	100.2	113.9	118.0	123.1
Silk and rayon goods	87.8	88.4	86.5	77.8	78.0	56.9	66.0	68.8	61.5	64.6
Woolen and worsted goods	71.4	67.5	90.4	86.5	83.4	49.7	49.1	71.5	68.1	72.2
Wearing apparel	97.7	108.7	121.0	128.9	128.2	60.0	77.3	90.7	95.9	97.6
Clothing, men's	90.5	99.3	111.3	115.7	115.4	52.8	65.3	79.7	81.6	85.3
Clothing, women's	125.1	150.3	172.7	189.0	184.2	74.5	103.0	120.8	129.9	129.2
Corsets and allied garments	91.6	97.8	102.2	99.6	101.7	73.2	86.9	93.8	95.0	97.4
Men's furnishings	110.7	117.8	125.1	141.4	148.1	79.1	102.8	113.3	122.4	127.7
Millinery	71.0	72.9	71.6	75.6	73.6	49.4	56.5	58.3	66.7	64.6
Shirts and collars	103.1	107.1	113.9	120.1	124.2	68.3	85.7	96.6	102.1	106.5
Lumber and allied products	49.9	56.6	63.6	71.1	76.6	30.3	37.4	45.9	57.8	67.2
Furniture	61.0	64.6	75.6	84.8	94.0	35.9	42.1	53.6	66.0	78.0
Lumber, millwork	33.2	36.8	45.3	54.1	60.7	18.7	22.0	30.2	41.0	49.3
Lumber, sawmills	39.6	48.2	53.4	59.1	62.1	24.4	32.8	39.5	49.2	56.5
Paper and printing	86.7	97.4	102.0	105.8	111.7	68.3	80.4	88.4	96.3	107.9
Boxes, paper	83.0	93.2	97.2	100.2	106.6	67.7	83.0	91.0	97.5	108.6
Paper and pulp	89.0	102.9	105.3	106.8	114.3	64.4	78.1	86.7	95.6	113.9
Printing and publishing:										
Book and job	78.5	88.6	95.0	100.0	107.0	60.6	71.6	79.3	85.5	96.8
Newspapers and periodicals	93.4	99.5	101.6	105.5	107.9	78.6	87.8	92.7	101.4	107.9
Chemicals and allied products, and petroleum refining	97.1	110.8	112.5	115.4	125.3	76.2	90.9	97.4	106.1	130.2
Other than petroleum refining	94.8	108.6	110.8	114.0	124.8	72.5	87.5	94.2	103.4	127.7
Chemicals	93.3	115.6	115.5	123.4	136.5	75.2	96.3	102.2	116.1	146.7
Cottonseed—oil, cake, and meal	98.1	94.7	91.1	83.4	96.2	57.1	61.9	62.8	60.0	79.0
Druggists' preparations	94.7	105.4	106.5	106.4	114.7	86.7	96.4	101.4	105.2	120.8
Explosives	70.8	84.8	77.6	79.9	88.2	49.6	65.5	67.7	80.5	99.1
Fertilizers	70.7	93.8	94.6	90.4	103.1	44.0	63.8	66.3	69.8	92.6
Paints and varnishes	95.9	110.4	116.0	120.5	128.2	73.0	88.1	98.8	110.8	129.2
Rayon and allied products	276.7	292.3	315.7	325.6	350.0	190.3	219.8	249.8	271.4	344.4
Soap	88.3	91.0	85.9	85.2	95.3	71.9	77.2	78.0	79.0	93.7
Petroleum refining	106.5	119.8	119.4	121.3	127.2	88.4	101.8	107.9	115.0	138.1
Rubber products	79.1	88.8	85.4	90.4	96.8	55.0	69.3	74.2	87.5	96.9
Rubber boots and shoes	72.0	77.5	68.6	75.2	75.1	51.0	58.3	56.9	66.1	74.1
Rubber goods, other than boots, shoes, tires, and inner tubes	105.3	116.7	120.6	129.0	142.5	75.3	89.1	99.0	115.2	138.3
Tires and inner tubes	69.9	80.2	75.4	78.5	84.0	48.8	65.1	69.8	83.1	87.9
Leather and its manufactures	87.2	94.0	96.1	95.8	97.7	61.2	73.2	76.9	75.9	81.7
Boots and shoes	89.8	95.0	95.1	94.3	97.2	61.1	72.9	74.1	71.3	77.0
Leather	80.7	89.8	92.9	93.7	91.5	63.0	73.3	81.4	85.6	91.4
Stone, clay, and glass products	49.4	61.6	66.6	73.9	80.6	30.8	41.7	49.0	60.2	72.5
Brick, tile, and terra cotta	31.3	38.0	43.7	55.2	60.5	15.0	21.2	27.4	40.2	48.2
Cement	42.8	55.4	56.0	62.0	71.1	26.4	38.7	39.8	51.0	65.9
Glass	71.3	91.5	96.1	98.4	107.4	52.0	70.9	82.2	91.8	112.5
Marble, granite, slate, and other products	43.1	43.3	39.7	46.8	49.1	27.7	28.3	26.8	35.0	37.8
Pottery	63.2	74.5	77.1	78.6	83.0	37.4	49.5	58.7	65.5	76.7

No. 371.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN MANUFACTURING ESTABLISHMENTS: By Industry Groups and Industries, Revised Series—Continued

Industry group and industry	Employment					Pay rolls				
	1933	1934	1935	1936	1937	1933	1934	1935	1936	1937
Iron and steel and their products, not incl. machinery	65.8	80.2	87.1	99.0	111.4	39.9	53.9	66.5	86.6	109.8
Blast furnaces, steel works, and rolling mills	71.0	86.2	92.1	105.4	120.0	40.5	55.0	68.7	92.2	120.5
Bolts, nuts, washers, and rivets	59.8	76.0	88.1	99.5	113.6	39.5	57.2	73.8	93.3	114.6
Cast-iron pipe	42.1	57.5	60.3	69.9	73.7	22.1	34.0	39.2	54.4	65.2
Cutlery (not including silver and plated cutlery), and edge tools	64.5	80.0	81.9	84.6	93.7	43.8	59.0	67.0	74.1	87.9
Forgings, iron and steel	33.4	46.3	51.5	58.6	69.4	20.9	34.4	42.9	52.8	68.4
Hardware	63.4	76.5	80.8	85.5	99.0	42.6	56.5	67.0	80.7	100.8
Plumbers' supplies	52.6	46.3	66.6	75.9	82.6	30.3	29.4	50.0	60.4	72.0
Stamped and enameled ware	97.2	131.9	150.5	160.2	171.6	66.7	102.3	128.2	147.4	169.1
Steam and hot-water heating apparatus and steam fittings	51.6	58.9	62.7	75.6	86.1	30.6	39.6	45.1	60.9	77.7
Stoves	64.3	78.4	88.9	98.2	102.0	40.8	52.6	66.9	81.4	86.1
Structural and ornamental metal work	43.3	54.3	55.2	69.1	79.2	23.9	34.7	36.2	53.2	70.8
Tin cans and other tinware	77.3	88.6	91.0	99.5	105.4	67.6	78.7	82.9	94.5	109.5
Tools, not including edge tools, machine tools, files, and saws	53.5	64.6	70.4	83.2	98.4	37.2	50.6	60.6	78.4	98.0
Wirework	97.9	124.1	139.7	164.2	194.8	65.6	93.4	117.8	151.4	194.7
Nonferrous metals and their products	62.6	76.3	86.3	96.2	108.8	41.1	55.3	68.3	82.7	105.1
Aluminum manufactures	89.1	106.0	125.9	144.4	164.0	60.1	77.6	102.8	127.0	164.6
Brass, bronze, and copper products	73.4	86.6	96.7	108.5	122.4	48.0	62.8	79.0	96.9	123.4
Clocks, watches, and time-recording devices	58.9	74.1	82.6	94.8	106.4	30.7	59.5	72.5	90.9	113.1
Jewelry	59.3	73.0	78.7	83.4	94.1	37.7	53.3	60.0	65.5	79.9
Lighting equipment	46.5	58.3	73.6	87.3	101.6	31.6	42.5	57.3	74.2	94.2
Silverware and plated ware	54.1	62.4	60.1	57.0	64.9	35.1	45.1	47.3	47.2	59.8
Smelting and refining—copper, lead, and zinc	42.9	57.2	66.2	73.7	82.1	27.4	39.6	50.3	62.9	81.5
Machinery, not including transportation equipment	60.8	79.4	89.1	103.3	123.9	40.5	59.6	73.5	94.1	126.9
Agricultural implements (including tractors)	43.3	72.2	118.9	139.4	167.4	30.0	54.2	103.9	130.2	185.2
Cash registers, adding machines, and calculating machines	78.2	108.0	116.0	130.3	150.6	60.1	88.5	95.4	115.0	149.6
Electrical machinery, apparatus, and supplies	58.8	73.0	80.7	91.5	114.9	38.9	54.7	66.6	82.3	115.9
Engines, turbines, water wheels, and windmills	48.3	62.0	69.2	81.4	103.6	33.8	52.1	61.1	81.2	118.5
Foundry and machine-shop products	54.6	71.0	78.5	92.4	110.5	34.9	52.2	62.6	83.0	110.6
Machine tools	44.9	75.8	99.5	125.2	158.7	30.9	60.7	91.4	125.5	179.3
Radios and phonographs	112.1	158.6	152.7	168.1	154.3	81.4	110.0	117.8	136.8	134.4
Textile machinery and parts	60.5	67.6	62.1	69.3	80.6	47.9	55.6	54.3	66.4	86.3
Typewriters and parts	68.5	102.5	110.0	119.5	152.3	44.1	87.6	97.0	115.4	152.8
Transportation equipment	54.5	83.4	95.3	102.9	117.7	35.6	61.4	78.1	93.4	115.7
Aircraft	279.6	353.5	407.2	655.6	908.9	236.2	283.9	341.3	551.7	818.0
Automobiles	60.6	94.5	110.4	113.9	128.3	38.3	68.2	89.5	102.8	124.1
Cars, electric- and steam-railroad	22.5	36.6	33.9	46.4	60.0	14.6	27.3	25.6	39.4	61.4
Locomotives	12.2	23.9	19.5	27.6	47.9	6.0	13.9	12.8	21.9	47.5
Shipbuilding	56.8	74.6	82.4	103.9	111.0	42.1	58.9	68.8	95.5	113.2
Tobacco manufactures	63.1	68.1	65.4	65.5	65.3	44.1	50.6	51.5	54.0	59.0
Chewing and smoking tobacco and snuff	64.2	67.1	63.3	61.9	62.1	56.0	61.0	60.7	61.8	68.8
Cigars and cigarettes	62.9	68.2	65.6	65.9	65.7	42.6	49.3	50.3	53.0	57.7

Source: Bureau of Labor Statistics, Department of Labor. See source of table 367 regarding current figures

No. 372.—INDEXES OF FACTORY EMPLOYMENT AND PAY ROLLS IN SPECIFIED STATES

NOTE.—Index numbers for New Jersey, Pennsylvania, and Delaware, relative to monthly average of the years 1923-25 as 100; for Massachusetts, New York, Illinois, and Wisconsin, monthly average of the years 1925-27. Reports cover the week ending nearest the 15th of the month, except for New York prior to 1935 which covered the week including the 15th of the month. The indexes are not adjusted for seasonal variation and are unweighted, except for Pennsylvania and Wisconsin as stated in footnotes.

Year and month	Employment							Pay rolls						
	Massachusetts [1]	New York [2]	New Jersey [3]	Pennsylvania [3]	Delaware [3]	Illinois [4]	Wisconsin [5]	Massachusetts [1]	New York [2]	New Jersey [3]	Pennsylvania [3]	Delaware [3]	Illinois [4]	Wisconsin [5]
1923	------	111.9	104.4	106.6	110.1	112.5	102.1	------	105.6	102.2	106.7	106.4	105.6	95.8
1924	------	102.0	96.6	95.9	91.3	103.1	97.4	------	97.9	96.0	95.0	92.1	95.3	93.0
1925	100.1	101.3	99.1	97.5	98.7	99.8	101.4	99.5	99.2	101.8	98.3	101.4	97.9	101.4
1926	102.0	101.4	101.7	99.4	103.8	103.1	101.7	102.5	102.0	108.1	102.7	105.3	104.2	102.2
1927	97.9	97.3	95.0	95.7	101.7	97.1	96.8	98.0	98.8	100.7	97.0	98.1	98.0	96.4
1928	91.6	93.4	90.9	92.7	103.7	95.3	96.2	93.1	95.4	94.6	93.1	98.2	95.2	98.1
1929	94.3	97.9	103.2	98.4	112.2	102.6	100.1	96.5	101.7	107.8	102.1	112.9	101.3	100.8
1930	81.5	86.0	93.9	89.5	103.1	88.4	87.8	79.7	85.6	94.9	85.6	101.4	77.6	80.1
1931	73.5	73.4	78.3	74.6	81.9	71.0	75.1	65.9	67.1	71.2	61.3	73.2	53.8	60.1
1932	59.3	59.2	64.3	63.5	71.7	56.5	63.0	46.4	46.5	50.4	41.1	51.4	34.3	40.3
1933	67.5	61.4	66.0	66.5	81.3	59.6	69.7	49.9	46.4	48.9	44.3	55.8	35.6	44.7
1934	71.8	70.8	75.5	73.9	90.5	70.6	80.8	56.7	56.7	58.1	56.7	65.2	47.1	59.6
1935	75.4	74.4	75.7	76.7	89.2	74.3	87.1	62.3	62.6	62.6	63.6	66.3	54.0	72.3
1936	81.5	79.5	79.7	82.6	98.8	82.4	92.3	71.5	69.6	70.9	77.8	79.8	64.9	82.7
1937	85.2	88.1	85.8	90.0	112.8	93.5	106.3	82.4	83.3	84.2	95.5	97.7	81.6	106.1
1936														
March	78.7	77.3	76.4	77.9	88.7	77.8	88.7	67.5	67.2	66.4	69.1	69.9	60.8	79.2
June	78.6	76.9	79.3	80.9	94.6	81.6	91.8	67.4	66.4	70.0	76.4	76.9	64.4	81.8
September	84.0	83.3	83.1	87.0	118.4	86.6	95.2	73.2	72.4	71.8	82.6	90.5	66.9	82.7
December	87.3	85.5	84.7	88.4	105.2	89.1	97.4	82.9	79.3	81.6	91.2	91.4	74.6	93.7
1937														
January	87.7	85.5	83.9	88.0	104.8	89.4	99.7	83.7	78.8	79.1	89.5	89.4	74.7	93.9
February	88.9	87.3	85.3	90.4	107.2	91.6	101.8	85.4	81.1	81.5	94.2	91.3	78.2	100.7
March	90.4	89.7	86.2	91.4	111.2	93.6	105.4	88.9	86.1	84.4	98.0	97.0	81.2	105.9
April	90.9	89.5	87.0	92.2	115.1	94.3	106.6	91.4	86.5	87.8	104.0	104.5	85.9	108.9
May	89.8	89.6	87.3	92.3	116.5	95.3	105.3	89.8	86.4	88.9	103.8	105.4	86.2	108.0
June	86.9	89.4	87.5	92.2	119.3	95.1	104.8	87.0	86.4	88.0	103.3	104.5	86.3	107.4
July	87.2	88.3	87.7	91.9	120.7	95.7	113.2	86.9	84.9	85.7	99.0	103.9	83.9	110.7
August	87.7	89.9	88.9	91.8	123.5	96.8	110.4	85.9	87.2	89.0	103.6	105.6	86.1	113.0
September	84.5	91.4	87.7	92.2	121.9	98.1	112.2	81.9	86.5	85.0	97.5	101.8	85.2	110.3
October	82.2	89.9	85.1	90.8	112.1	95.2	108.5	75.4	84.8	84.4	95.3	96.2	84.3	111.5
November	75.1	85.1	83.1	86.0	101.0	90.7	106.2	67.5	76.7	79.8	82.7	88.3	76.3	105.1
December	71.0	81.6	79.3	80.9	95.3	85.9	101.6	64.4	74.2	76.3	74.7	84.7	71.2	97.5
1938														
January	69.2	76.9	75.3	75.5	90.4	80.7	94.8	61.3	68.9	71.2	65.7	77.0	65.1	87.8
February	69.5	77.5	75.8	75.0	86.8	79.8	94.6	62.9	70.6	71.9	67.7	72.1	64.4	89.5
March	68.7	77.3	74.5	74.5	85.1	77.6	94.3	62.0	70.6	70.5	68.4	71.7	63.0	89.3
April	67.0	75.5	73.2	72.8	82.6	75.7	93.0	59.1	67.4	68.2	65.7	67.5	60.9	86.8
May	65.7	72.8	72.5	70.2	83.7	73.1	92.0	57.8	64.2	68.7	64.7	69.1	58.4	84.4
June	62.3	71.5	72.9	68.9	84.0	71.4	91.1	55.3	63.5	68.3	62.0	68.3	56.6	83.0

[1] Compiled by Massachusetts Department of Labor and Industries, based upon monthly returns from approximately 1,800 manufacturing establishments employing about 55 percent of the factory wage earners in the State. Office workers assigned to productive departments are included, but not executives, salaried officers, etc. The employment indexes are adjusted to the annual State census of manufactures through 1936. Pay-roll indexes are based upon a computation of employment times average weekly earnings.

[2] Compiled by the New York State Department of Labor, based upon monthly reports from approximately 2,156 manufacturing firms who employ about 38 percent of all the factory workers in the State. Reports cover employees in both office and shop, including foremen. Executives and salesmen are omitted, and administrative and sales offices located away from the plants are not covered.

[3] Compiled by the Federal Reserve Bank of Philadelphia. For New Jersey, indexes are based upon monthly reports to the bank from 1923 to 1926 and since then, to the New Jersey Bureau of Statistics and Records of the Department of Labor. Current reports are from about 830 manufacturing plants which account for approximately 62 percent of all wage earners engaged in manufacturing industries of the State and 66 percent of the total wage payments. For Pennsylvania, indexes are based upon reports collected by the bank in cooperation with the U. S. Bureau of Labor Statistics and the Pennsylvania Department of Labor and Industry. Current reports are from over 2,300 manufacturing plants and represent about 57 percent of all workers and 59 percent of the factory pay rolls in the manufacturing industries of the State. Indexes are weighted according to the relative importance of each industry in the State totals. For Delaware indexes are based upon reports collected by the bank in cooperation with the U. S. Bureau of Labor Statistics. Current reports are from about 82 manufacturing plants and represent approximately 56 percent of all workers engaged in manufacturing industries of the State and 63 percent of the total wage payments. The indexes for the three States have been adjusted to conform with the Federal Census of Manufactures data through 1931 and will be similarly adjusted to subsequent censuses.

[4] Compiled by the Illinois Department of Labor, based upon monthly reports from about 2,500 manufacturing plants covering wage earners (production employees) only. Reports represent approximately 67 percent of all wage earners engaged in manufacturing industries of the State and 70 percent of the total wage payments.

[5] Compiled by the Industrial Commission of Wisconsin, based upon monthly reports from a representative list of manufacturers who employ about two-thirds of the total factory wage earners (manual employees only) in the State. The indexes are weighted averages of relatives.

No. 373.—WEEKLY EARNINGS OF FACTORY LABOR IN SPECIFIED STATES

[Index numbers for New Jersey, Pennsylvania, and Delaware, relative to monthly average of the years 1923-25 as 100; for New York, Illinois, Wisconsin, and Massachusetts, monthly average of the years 1925-27. See also headnote, table 372]

Year and month	Average amount per week			Index numbers						
	New York	Illinois	Wisconsin	Massachusetts	New York	New Jersey	Pennsylvania	Delaware	Illinois	Wisconsin
1923	$27.24	$27.07	$23.97	----------	94.4	99.8	101.8	99.8	95.4	93.8
1924	27.68	27.55	24.40	----------	95.9	99.5	98.6	100.8	97.2	95.4
1925	28.26	27.93	25.56	99.4	97.9	100.7	99.6	99.4	98.5	100.0
1926	29.02	28.67	25.67	99.8	100.5	105.9	102.5	101.8	101.1	100.4
1927	29.30	28.49	25.45	100.8	101.5	109.0	102.6	103.1	100.5	99.6
1928	29.44	28.43	26.04	101.4	102.0	109.8	103.1	102.6	100.2	101.9
1929	29.99	28.66	25.90	103.3	103.9	113.0	106.9	106.7	101.1	100.6
1930	28.81	27.16	23.33	96.4	99.5	111.3	98.1	103.2	95.8	90.3
1931	26.42	23.59	20.02	88.3	91.2	101.7	81.1	93.9	83.2	78.4
1932	22.73	18.67	15.30	75.0	78.5	88.4	63.0	75.9	65.8	60.2
1933	21.83	18.20	15.31	73.5	75.4	83.5	65.6	72.6	64.2	60.1
1934	23.19	20.42	18.29	79.9	80.1	86.4	76.6	76.0	72.0	71.4
1935	24.36	22.14	20.99	85.0	84.1	92.2	82.2	78.5	78.1	81.6
1936	25.34	24.12	22.91	88.8	87.5	99.2	92.9	85.1	84.8	88.8
1937	27.37	26.86	25.47	96.6	94.5	109.4	105.1	91.1	94.7	98.3
1937										
March	27.78	26.68	25.96	98.3	95.9	109.3	106.2	91.8	94.1	100.2
June	28.00	27.91	26.32	100.1	96.7	112.3	111.1	92.2	98.4	101.4
September	27.41	26.73	24.72	96.9	94.7	108.0	104.9	87.6	94.2	95.4
December	26.36	25.54	23.98	90.7	91.0	107.2	91.4	93.2	90.1	92.6
1938										
March	26.47	25.03	24.04	90.3	91.4	105.6	89.9	88.2	88.3	92.8
June	25.70	24.37	23.15	88.8	88.7	104.8	88.8	85.0	85.9	89.3

Sources: See footnotes 1 to 5, table 372.

No. 374.—AVERAGE WEEKLY AND HOURLY EARNINGS: All Wage Earners and Classified Groups of Labor, 25 Manufacturing Industries

NOTE.—Index numbers based on 1923 as 100. Data cover a representative number of plants which employed 1,900,000 workers during 1937. The earnings are computed by weighting the average earnings in each industry according to the relative importance of the industry as revealed by the Federal Biennial Census of Manufactures for 1923. In addition, each labor group is weighted according to the relative proportion of the group in each industry as revealed in the Conference Board's studies during the 3-year period 1927-29. The pay-roll data are based upon the first full week in each month, or, if a generally recognized holiday falls in that week, upon the succeeding week

Year	All wage earners		Male, unskilled		Male, skilled and semiskilled		Female	
	Actual amount	Index number	Actual amount	Index number	Actual amount	Index number	Actual amount	Index number
WEEKLY EARNINGS								
1924	$26.43	99.3	$22.41	100.6	$30.55	99.2	$16.75	97.2
1925	27.08	101.8	22.93	102.9	31.29	101.6	17.17	99.6
1926	27.42	103.0	23.21	104.2	31.61	102.6	17.27	100.2
1927	27.53	103.5	23.54	105.7	31.51	102.3	17.37	100.8
1928	27.80	104.5	23.89	107.2	31.94	103.7	17.15	99.5
1929	28.55	107.3	24.40	109.5	32.60	105.8	17.61	102.1
1930	25.84	97.1	21.90	98.3	29.17	94.7	15.98	92.7
1931	22.62	85.0	19.18	86.1	25.05	81.3	14.69	85.2
1932	17.05	64.1	14.48	65.0	19.48	63.2	11.73	68.0
1933	17.71	66.6	14.91	66.9	20.27	65.8	12.35	71.6
1934	20.12	75.6	16.42	73.7	22.40	72.7	14.44	83.8
1935	22.28	83.7	18.28	82.0	24.93	80.9	15.28	88.6
1936	24.64	92.6	19.98	89.7	27.62	89.6	15.63	90.7
1937	27.09	101.8	22.54	101.2	30.63	99.4	16.88	97.9
HOURLY EARNINGS								
1924	.562	103.9	.458	103.4	.644	104.0	.393	102.6
1925	.561	103.7	.455	102.7	.644	104.0	.389	101.6
1926	.568	105.0	.461	104.1	.652	105.3	.398	103.9
1927	.576	106.5	.471	106.3	.656	106.0	.398	103.9
1928	.579	107.0	.474	107.0	.659	106.5	.396	103.4
1929	.590	109.1	.486	109.7	.668	107.9	.398	103.9
1930	.589	108.9	.478	107.9	.663	107.1	.395	103.1
1931	.564	104.3	.460	103.8	.634	102.4	.371	96.9
1932	.498	92.1	.400	90.3	.559	90.3	.325	84.9
1933	.491	90.8	.401	90.5	.550	88.9	.340	88.8
1934	.581	107.4	.478	107.9	.642	103.7	.425	111.0
1935	.600	110.9	.494	111.5	.662	106.9	.434	113.3
1936	.617	114.0	.498	112.4	.685	110.7	.431	112.5
1937	.693	128.1	.568	128.2	.775	125.2	.468	122.2

Source: National Industrial Conference Board (Inc.); monthly figures are published currently in Conference Board Service Letter.

No. 375.—INDEXES OF EMPLOYMENT AND PAY ROLLS IN NONMANUFACTURING INDUSTRIES AND BUSINESS

[Monthly average, 1929=100]

Year and month	Anthracite mining [1]		Bituminous-coal mining [1]		Metalliferous mining		Quarrying and nonmetallic mining		Crude-petroleum producing		Telephone and telegraph		Electric light and power and manufactured gas	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1930	95.2	96.0	96.1	83.0	83.2	78.0	84.3	79.3	87.4	85.9	97.9	102.9	103.0	104.3
1931	84.3	76.9	88.9	61.2	59.1	44.8	67.4	53.4	65.7	61.7	86.6	93.7	95.6	96.7
1932	68.2	56.0	76.3	41.3	36.5	21.6	49.0	29.1	55.3	44.1	79.1	81.1	83.0	79.8
1933	59.5	49.0	79.9	45.4	34.6	20.6	44.9	24.7	62.2	44.1	70.4	68.2	78.8	72.0
1934	69.4	59.9	92.3	64.0	41.6	26.7	48.9	29.6	77.7	56.9	70.3	71.5	83.8	77.9
1935	64.7	52.2	94.9	70.1	47.3	33.9	46.0	30.7	74.9	57.9	70.1	74.5	84.8	81.4
1936	62.5	49.6	97.5	82.7	60.3	48.4	49.5	38.9	72.9	58.6	72.2	78.9	90.5	88.8
1937	60.2	46.9	99.3	88.5	76.8	74.0	51.4	45.4	76.6	68.2	77.8	89.6	95.6	99.6
1937														
January	65.2	46.4	104.5	93.6	66.8	58.4	45.7	34.6	72.7	61.2	74.4	83.6	92.1	92.3
February	63.6	44.6	104.7	96.4	69.6	63.4	46.7	37.8	73.5	64.1	74.8	82.2	92.2	93.6
March	59.0	41.1	106.1	103.5	73.1	70.6	49.1	41.3	74.2	63.9	75.4	87.2	92.4	94.8
April	65.1	69.4	89.7	63.6	76.2	76.9	53.1	48.1	75.8	67.7	76.6	86.3	93.1	95.5
May	61.5	48.2	96.1	79.4	78.5	79.8	54.9	51.4	76.7	68.2	77.7	89.5	94.6	97.9
June	61.6	55.3	96.2	83.3	79.5	77.7	55.4	52.6	78.5	70.4	78.5	88.6	96.3	100.4
July	54.3	38.2	93.7	77.7	82.0	77.8	55.5	50.8	78.5	70.5	79.7	92.1	97.5	102.2
August	49.7	29.6	97.4	86.3	83.4	83.0	54.9	53.2	79.3	70.8	79.8	92.1	98.3	102.6
September	58.1	34.2	99.4	90.9	84.1	82.2	54.7	50.1	78.2	71.2	79.8	92.3	98.6	104.0
October	61.5	55.4	102.4	100.7	82.9	81.7	53.3	49.3	77.5	69.9	79.6	94.9	98.5	105.3
November	60.9	49.0	101.4	91.1	75.4	71.6	49.9	41.7	77.2	70.2	78.9	91.4	97.3	103.8
December	61.4	51.3	99.4	95.1	70.4	65.1	43.9	33.4	76.5	69.8	78.0	94.7	96.1	102.4
1938														
January	59.6	46.5	96.9	70.4	67.4	59.1	38.2	27.7	75.3	68.2	77.8	93.7	93.8	98.9
February	60.0	46.1	95.5	74.0	63.6	55.8	37.8	28.6	74.2	69.6	75.7	89.9	92.6	98.5
March	59.3	47.3	93.2	68.4	62.3	56.3	38.9	30.2	73.6	68.0	74.9	92.6	92.0	98.6
April	57.0	39.0	85.8	56.3	61.6	53.3	41.7	33.9	73.8	68.0	74.8	91.6	91.8	97.6
May	52.8	38.3	82.2	55.3	58.8	51.2	43.7	38.3	73.2	66.7	75.0	91.3	91.7	97.4
June	56.0	49.7	80.2	57.0	55.8	46.0	43.6	37.3	72.8	67.6	74.8	90.9	92.2	98.6

Year and month	Electric-railroad and motorbus operation and maintenance [2]		Wholesale trade [1]		Retail trade [1]: Total		Retail trade [1]: General merchandising		Year-round hotels [1]		Laundries [1]		Dyeing and cleaning [1]	
	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls	Employment	Pay rolls
1930	93.4	93.5	95.7	95.3	96.8	95.3	94.1	93.3	96.5	96.5	(3)	(3)	(3)	(3)
1931	84.7	83.4	85.8	81.9	87.7	83.1	92.2	87.4	86.3	81.4	93.1	88.3	85.6	76.1
1932	75.5	68.0	76.8	64.2	76.8	63.2	82.6	69.5	74.1	60.9	85.4	70.5	79.8	59.3
1933	70.0	58.9	76.1	56.8	76.1	55.2	84.2	65.4	70.1	51.0	83.1	60.3	84.4	53.7
1934	72.1	62.2	82.8	63.0	82.1	60.9	92.8	75.1	83.2	63.8	87.9	66.0	92.7	62.6
1935	71.2	63.7	84.0	65.6	82.3	62.1	94.2	78.0	87.4	68.2	90.1	68.4	97.7	66.3
1936	72.0	67.2	86.7	69.4	85.7	66.3	99.1	83.5	90.9	72.7	95.6	75.6	104.4	71.9
1937	73.1	70.6	92.0	76.6	89.8	73.1	104.3	92.5	94.9	80.6	100.6	83.0	107.5	77.6
1937														
January	72.5	68.0	90.7	72.6	85.4	68.0	95.1	83.8	92.9	76.2	98.3	78.2	98.8	64.7
February	72.5	68.7	92.0	74.1	85.2	67.9	93.9	82.9	93.9	78.5	98.4	78.1	98.0	63.6
March	72.6	69.2	92.1	75.0	88.5	70.5	100.3	87.6	94.4	78.7	98.5	79.3	104.3	71.8
April	72.9	69.4	91.9	75.4	88.8	71.9	99.6	89.1	96.1	80.7	98.3	80.4	109.2	80.1
May	73.3	70.1	90.8	76.1	89.9	73.5	102.1	91.5	95.3	79.7	100.3	83.3	113.9	86.1
June	73.3	71.1	90.3	76.3	90.5	74.4	102.9	92.5	94.4	80.1	103.9	87.5	118.5	92.2
July	73.4	70.8	90.6	76.9	87.6	72.8	95.9	87.3	93.6	79.4	105.8	89.0	111.0	79.5
August	73.4	73.1	91.8	79.0	86.2	72.3	93.8	85.7	94.3	80.5	104.7	88.0	110.3	81.3
September	73.7	71.6	93.0	78.3	90.7	74.4	103.7	92.4	95.7	82.4	104.1	86.4	112.8	85.7
October	73.4	71.4	94.0	79.3	92.1	75.9	108.1	96.2	96.9	84.1	99.9	83.4	110.5	83.6
November	73.2	71.8	93.5	78.3	91.7	75.3	109.8	97.1	96.6	84.3	97.8	81.1	103.5	73.7
December	72.8	71.9	93.3	77.8	100.4	80.6	145.9	123.3	94.9	82.6	97.0	81.1	99.2	68.6
1938														
January	72.3	70.6	91.0	75.4	84.1	70.1	91.5	84.6	94.3	81.6	96.8	80.1	96.8	65.5
February	71.2	70.2	90.4	75.3	82.4	68.4	88.8	81.5	94.5	83.6	95.7	79.1	95.6	65.2
March	70.8	69.9	89.1	74.7	83.0	68.6	90.5	82.2	93.4	80.9	94.8	78.6	98.5	68.2
April	71.1	70.0	88.5	74.6	88.2	72.2	101.0	89.4	93.5	80.5	95.4	80.6	111.8	87.2
May	70.6	71.2	87.3	75.1	83.8	70.0	92.4	84.4	93.7	80.5	96.2	80.9	109.9	80.7
June	70.4	69.7	87.2	73.8	83.6	69.5	91.9	84.3	92.2	79.6	96.6	81.8	110.8	83.3

[1] Adjusted to conform with Federal Census figures through 1935 for coal mining, trade, hotels, laundries, and dyeing and cleaning. Indexes for hotels relate to year-round hotels having 25 or more guest rooms. Pay-roll indexes represent cash payments only; additional value of board, room, and tips cannot be computed.

[2] Not including electric-railroad-car building and repairing.

[3] Not available.

Source: Bureau of Labor Statistics, Department of Labor. See source of table 367 regarding current figures.

No. 376.—EMPLOYMENT, PAY ROLLS, AND AVERAGE WEEKLY WAGES FOR FULL-TIME EMPLOYEES, BY OCCUPATIONAL GROUPS, FOR SPECIFIED INDUSTRIES OR BUSINESSES

NOTE.—Pay-roll figures are in thousands of dollars. Data are for 1 week in 1935—in general, the week ended October 26, but where this period was not representative figures are for 1 week of normal employment. The figures are summarized from reports secured in connection with the 1935 Census of Business, and cover only those establishments or concerns which gave detailed information by occupational groups. For the average number of employees (full-time and part-time) and total pay rolls for 1935, consult index for references to data for the individual industries and businesses shown elsewhere in this publication.

Industry and occupational group	Full-time employees	Pay roll for week	Avg. weekly wage
WHOLESALE TRADE			
Full-service and limited-function wholesalers	673,064	20,831	$30.72
Executives and salaried corporation officers	57,626	4,535	78.69
Office and clerical employees	151,418	3,735	24.67
Inside selling employees	59,898	1,671	27.90
Outside selling employees	134,305	5,173	38.52
Warehouse employees	133,139	2,789	20.95
Other employees	141,678	2,927	20.66
Manufacturers' sales branches with stocks	188,577	7,075	37.52
Executives and salaried corporation officers	4,179	530	126.79
Office and clerical employees	54,516	1,582	29.02
Inside selling employees	8,169	346	42.34
Outside selling employees	62,618	3,064	48.93
Warehouse employees	31,120	783	25.17
Other employees	27,975	770	27.51
Manufacturers' sales offices, without stocks	34,328	1,678	48.86
Executives and salaried corporation officers	1,232	188	152.20
Office and clerical employees	13,843	436	31.53
Inside selling employees	1,905	84	44.00
Outside selling employees	14,754	876	59.35
Other employees	2,594	94	36.41
Bulk-tank stations [1]	65,911	2,184	33.14
Executives and salaried corporation officers	2,395	147	61.31
Office and clerical employees	10,120	314	31.02
Inside selling employees	2,459	78	31.72
Outside selling employees	24,539	906	36.92
Warehouse employees	9,293	259	27.82
Other employees	17,105	481	28.13
Agents and brokers	61,378	2,362	38.49
Executives and salaried corporation officers	7,857	726	92.35
Office and clerical employees	23,536	630	26.75
Inside selling employees	3,859	162	42.04
Outside selling employees	11,976	564	47.06
Warehouse employees	5,854	118	20.12
Other employees	8,296	164	19.73
RETAIL TRADE			
Total	2,641,041	51,661	19.56
Executives and salaried corporation officers	107,342	5,277	49.16
Office and clerical employees	217,887	4,523	20.76
Selling employees	1,230,132	24,170	19.65
Waiters and waitresses	301,106	3,489	11.59
Other employees	784,574	14,202	18.10
OTHER INDUSTRIES			
Motorbus transportation	29,752	859	28.87
Executives	998	72	71.85
Office and clerical	3,234	80	24.84
Transportation crew	17,165	486	28.30
Maintenance and service	6,252	173	27.63
Other employees	2,103	48	22.98
OTHER INDUSTRIES—contd.			
Motor trucking for hire	97,424	2,467	$25.32
Executives	4,037	248	61.33
Office and clerical	12,072	291	24.14
Warehouse and platform	7,332	168	22.92
Transportation crew	66,025	1,548	23.44
Maintenance and service	4,913	136	27.66
Other employees	3,045	76	25.07
Public warehousing	16,691	449	26.90
Executives	1,250	82	65.40
Office and clerical	3,023	85	28.06
Warehouse and platform	9,000	195	21.62
Other employees	3,418	88	25.69
Radio broadcasting stations	10,287	388	37.72
Executives	437	42	96.29
Supervisors	690	43	62.07
Office and clerical	2,035	49	24.25
Station technicians	2,360	84	35.43
Station talent:			
Artists	1,999	82	41.03
Announcers	1,556	45	28.94
Other employees	1,210	43	35.66
Advertising agencies	12,919	790	61.14
Executives and salaried corporation officers	2,335	344	147.44
Other employees	10,584	446	42.10
Insurance carriers: Home offices	153,106	5,058	33.04
Executives and salaried corporation officers	8,741	1,073	122.71
Office and clerical employees	123,625	3,397	27.48
Direct selling employees	10,345	258	24.99
Other employees	10,395	331	31.81
Insurance carriers: Branch, departmental, and managerial offices	127,099	5,079	39.96
Executives and salaried corporation officers	2,975	277	92.99
Office and clerical employees	53,476	1,410	26.37
Direct selling employees	63,151	3,094	49.00
Other employees	7,497	298	39.69
Insurance agencies	59,764	1,925	32.21
Executives and salaried corporation officers	5,946	479	80.64
Office and clerical employees	34,512	847	24.54
Direct selling employees	18,547	581	31.34
Other employees	759	18	23.15
Insurance and real estate offices	27,701	728	26.29
Executives and salaried corporation officers	4,324	242	56.00
Office and clerical employees	16,180	313	19.32
Direct selling employees	6,382	158	24.71
Other employees	815	16	19.66
Real estate offices	15,036	403	26.80
Executives and salaried corporation officers	1,794	112	62.31
Office and clerical employees	8,153	177	21.66
Direct selling employees	4,605	107	23.17
Other employees	484	8	16.25

[1] Figures do not include employees of commission bulk-tank stations.

Source: Bureau of the Census, Department of Commerce.

No. 377.—INDEXES OF UNION SCALES OF HOURLY WAGE RATES AND WEEKLY HOURS IN BUILDING AND PRINTING TRADES: By Occupations

Note.—Data for the earlier years cover 39 cities. The coverage was gradually extended until, beginning with 1934, 70 cities were included. The figures are based upon the scale prevailing May 15 each year. The relative wages are percentages which indicate the change in wages per hour. The relative hours are percentages showing the change in the regular full-time hours per week, account not being taken of loss of time from slack work or other causes, nor of overtime work.

[Rates and hours for 1929=100]

Year	All building trades		Building trades—Journeymen													
			All journeymen		Asbestos workers		Bricklayers		Carpenters		Cement finishers		Electricians (inside wiremen)	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
1907	31.5	110.0	31.7	109.3	------	------	37.9	112.0	32.0	107.2	38.5	109.1	31.3	110.3
1908	33.5	108.3	33.8	107.7	------	------	38.9	109.6	34.0	105.6	38.4	108.1	34.2	109.5
1909	35.1	106.8	35.5	106.4	------	------	39.7	107.3	35.9	104.4	39.6	108.9	35.3	108.8
1910	36.5	105.5	37.0	105.2	------	------	40.4	105.3	37.6	103.1	40.0	108.7	36.3	108.2
1911	37.1	105.1	37.6	104.8	------	------	40.4	104.9	38.1	102.6	41.5	107.7	36.7	108.0
1912	37.9	104.8	38.5	104.5	------	------	41.0	104.9	38.9	102.5	41.5	107.7	37.1	107.6
1913	38.8	104.6	39.4	104.2	------	------	41.7	104.7	39.5	102.4	42.5	106.5	37.9	107.2
1914	39.6	104.2	40.3	103.9	------	------	42.8	104.2	40.1	102.0	42.9	105.8	39.1	106.8
1915	39.9	104.1	40.6	103.8	------	------	42.9	104.1	40.6	102.0	43.3	105.8	39.9	106.2
1916	41.2	103.7	42.0	103.4	40.0	103.0	43.3	103.9	41.8	102.0	43.7	104.2	40.7	105.3
1917	43.8	103.5	44.3	103.2	42.1	102.6	44.8	103.6	45.5	102.0	46.2	103.0	43.3	104.9
1918	48.6	102.9	49.0	102.0	47.1	102.0	48.1	103.6	50.5	100.9	51.0	102.5	48.2	104.2
1919	55.7	102.4	56.0	102.2	57.3	101.0	53.4	103.4	58.2	100.3	57.2	101.7	55.2	103.3
1920	75.2	101.9	74.9	101.7	74.5	100.9	72.8	103.3	77.8	100.4	77.7	101.2	72.8	103.0
1921	76.6	101.8	76.3	101.6	75.5	101.1	72.3	103.3	78.4	100.3	80.3	101.2	75.4	103.0
1922	71.8	101.8	71.9	101.7	70.3	101.1	70.4	103.3	72.7	100.4	74.5	101.1	71.1	103.0
1923	79.4	101.9	79.2	101.8	72.9	100.9	79.7	103.3	81.0	100.7	81.5	101.1	73.8	103.0
1924	85.7	101.9	85.6	101.8	81.4	101.0	84.3	103.2	86.7	100.6	90.1	101.1	82.4	102.9
1925	89.0	101.9	88.8	101.8	84.6	101.0	89.2	103.1	88.5	100.6	90.6	100.8	86.7	102.9
1926	94.8	101.7	94.7	101.6	90.5	101.0	94.7	103.2	95.0	100.6	96.7	100.8	91.3	102.9
1927	98.1	101.5	97.9	101.4	95.0	100.9	97.0	102.7	98.1	100.6	101.0	100.5	95.1	102.9
1928	98.7	100.9	98.7	100.7	95.6	100.9	97.8	102.7	98.4	100.0	100.0	99.9	96.0	102.4
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	104.2	97.2	104.1	97.1	105.8	96.3	102.4	97.6	104.0	96.9	106.6	96.1	101.8	97.6
1931	104.5	96.0	104.5	95.8	106.8	94.0	102.2	96.1	104.2	95.4	107.0	95.0	103.2	96.6
1932	89.3	94.3	89.3	94.1	89.0	92.8	87.5	93.9	85.4	93.0	93.4	93.9	98.5	94.3
1933	86.8	94.0	86.9	93.8	88.7	91.8	85.2	94.9	85.2	91.6	91.2	95.7	89.9	94.3
1934	87.4	90.5	87.4	90.3	88.6	91.7	84.5	93.3	86.7	90.8	92.1	92.2	90.1	88.7
1935	88.4	89.8	88.4	89.7	89.8	91.0	84.2	93.2	87.8	90.4	92.6	92.0	94.4	85.1
1936	91.6	89.8	91.3	89.6	93.4	91.3	84.7	93.2	92.3	90.5	95.0	91.6	96.9	85.4
1937	98.0	90.2	97.6	90.0	100.6	91.0	90.6	94.1	98.3	90.3	101.9	91.7	101.1	89.6

Year	Building trades—Journeymen—Continued													
	Elevator constructors		Engineers (portable and hoisting)		Glaziers		Granite cutters		Lathers		Marble setters		Mosaic and terrazzo workers	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
1907	------	------	------	------	------	------	36.6	102.5	------	------	38.4	102.6	------	------
1908	------	------	------	------	------	------	36.8	102.3	------	------	38.8	102.6	------	------
1909	------	------	------	------	------	------	37.4	102.3	------	------	39.0	101.5	------	------
1910	------	------	------	------	------	------	37.6	101.9	------	------	39.5	101.3	------	------
1911	------	------	------	------	------	------	37.7	101.6	------	------	39.9	100.9	------	------
1912	------	------	41.8	105.6	------	------	38.1	101.2	39.4	104.0	40.1	100.9	------	------
1913	------	------	43.0	104.1	------	------	40.1	100.0	40.3	104.0	42.7	100.9	------	------
1914	41.8	102.7	43.6	104.0	------	------	40.3	100.4	41.0	104.0	43.2	100.7	------	------
1915	42.1	102.2	43.6	103.5	------	------	40.5	100.4	41.5	103.5	43.6	100.7	------	------
1916	43.1	102.1	44.1	103.1	------	------	42.2	100.3	42.7	103.5	43.8	100.5	37.7	103.9
1917	46.2	101.6	46.5	102.4	------	------	43.8	100.3	44.4	103.0	43.8	100.4	39.7	103.9
1918	49.2	101.6	53.2	100.8	45.9	101.6	52.2	100.3	47.9	103.0	46.1	100.4	42.9	100.2
1919	57.3	100.9	58.3	100.3	49.1	101.6	61.7	100.3	53.3	102.7	51.2	100.0	46.1	100.2
1920	73.6	100.8	75.5	99.8	71.0	101.2	76.0	100.3	76.0	102.1	67.7	100.0	68.2	100.2
1921	77.4	100.7	76.7	99.4	72.2	101.6	83.7	100.1	77.2	101.9	68.8	100.1	69.4	100.2
1922	72.4	100.4	72.2	99.1	72.4	101.7	83.5	99.3	72.5	102.0	67.4	100.1	67.4	100.2
1923	76.9	100.5	79.8	98.7	76.7	101.2	85.1	99.9	80.1	102.3	76.2	100.1	69.0	100.2
1924	86.3	100.5	84.8	98.7	80.9	101.2	85.8	100.2	86.4	102.1	79.7	100.1	81.5	100.3
1925	90.5	100.4	88.5	99.0	90.0	100.8	86.8	100.3	94.2	101.8	81.4	100.1	85.7	100.2
1926	95.3	100.4	93.4	99.2	91.2	101.2	97.7	100.1	96.6	101.5	91.0	100.1	87.5	100.2
1927	98.8	100.4	96.4	100.8	97.4	101.5	97.1	100.3	100.5	101.0	92.9	100.0	91.1	99.9
1928	99.8	100.4	100.4	99.7	98.5	101.1	98.2	100.3	100.8	100.5	93.4	100.0	95.3	99.9
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	104.7	96.8	107.7	95.1	104.6	96.8	105.1	95.2	104.3	94.3	100.3	94.7	104.7	94.5
1931	105.2	95.0	107.7	93.7	105.3	95.1	105.2	94.4	103.7	93.8	100.8	93.0	105.6	93.6
1932	97.9	95.0	100.7	92.6	88.2	92.9	94.2	94.8	93.1	93.3	92.3	92.0	97.2	89.8
1933	91.0	93.0	99.6	91.7	88.0	92.9	90.7	93.6	89.7	92.9	89.2	91.9	89.5	91.0
1934	91.2	92.2	101.4	89.7	93.2	88.1	90.6	92.1	92.1	87.5	88.8	90.9	90.8	90.9
1935	91.3	91.9	103.1	89.2	94.1	87.5	90.5	92.1	93.1	87.4	89.4	90.9	90.8	90.3
1936	92.4	92.6	104.2	89.7	95.5	87.8	90.5	91.5	95.5	86.5	89.9	90.8	91.1	89.4
1937	96.0	92.4	112.6	89.5	104.6	87.9	91.0	91.9	101.8	87.7	95.1	90.8	95.4	90.0

No. 377.—Indexes of Union Scales of Hourly Wage Rates and Weekly Hours in Building and Printing Trades: By Occupations—Contd.

[Rates and hours for 1929=100]

Year	Building trades—journeymen—Continued													
	Painters		Plasterers		Plumbers and gas fitters		Roofers, composition		Roofers, slate and tile		Sheet-metal workers		Sign painters	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
1907	27.5	114.1	39.9	108.8	37.8	104.7	------	------	------	------	33.8	105.4	------	------
1908	30.5	112.3	39.8	108.3	38.2	104.8	------	------	------	------	34.5	105.3	------	------
1909	32.6	110.7	40.1	108.3	38.8	104.8	------	------	------	------	34.7	105.3	------	------
1910	34.6	109.3	40.5	108.2	39.1	104.6	------	------	------	------	35.7	105.3	------	------
1911	35.3	108.6	40.8	108.8	41.4	104.3	------	------	------	------	36.8	105.0	------	------
1912	35.7	108.5	41.6	107.5	41.6	103.5	------	------	------	------	37.6	103.7	------	------
1913	37.3	107.9	42.0	107.5	43.0	103.5	------	------	------	------	39.3	103.5	39.9	**106.7**
1914	38.5	107.6	42.2	107.4	43.6	103.1	36.2	103.7	37.0	104.0	40.7	103.4	40.1	**106.3**
1915	38.7	107.6	42.4	106.9	43.9	103.1	37.1	103.7	38.4	104.0	41.3	103.2	40.1	**106.0**
1916	42.3	106.9	43.9	105.8	44.3	102.6	37.4	103.7	39.5	103.6	42.0	102.8	40.9	**106.1**
1917	43.6	106.8	45.2	105.7	45.8	102.5	39.5	103.0	42.1	101.8	43.8	102.7	42.7	**105.6**
1918	48.1	106.3	47.6	105.4	50.6	101.6	44.8	102.5	46.1	101.8	51.3	101.6	46.7	**105.5**
1919	56.3	106.1	54.9	105.4	57.2	101.3	49.8	102.5	52.5	101.5	56.6	101.2	56.1	**105.4**
1920	76.7	103.0	71.7	105.2	74.0	101.3	70.8	102.5	67.9	101.5	75.9	100.8	75.7	**105.3**
1921	78.9	103.1	75.6	104.9	77.4	101.1	74.2	100.6	73.9	101.4	78.7	100.8	78.5	**105.4**
1922	73.8	103.9	72.7	105.0	71.9	101.1	71.0	100.6	70.7	101.3	73.0	100.7	77.8	**105.4**
1923	81.0	103.6	81.0	105.5	79.4	101.1	71.9	100.6	78.8	101.6	78.6	100.7	84.0	**103.4**
1924	85.3	103.5	90.6	105.6	86.6	101.1	83.3	100.6	87.3	101.2	86.3	100.7	95.7	**101.6**
1925	90.0	103.8	92.1	105.3	88.4	101.1	85.8	100.6	91.3	101.2	89.2	100.7	96.7	**101.6**
1926	95.4	103.4	98.9	102.2	95.2	101.1	93.3	100.6	94.3	101.2	95.3	100.7	96.2	**103.7**
1927	98.6	103.0	101.0	101.8	97.2	100.9	95.9	100.6	98.8	101.2	98.2	100.4	98.9	**101.8**
1928	100.2	100.3	101.2	100.9	99.2	100.9	98.1	100.5	99.0	101.2	96.3	100.1	99.0	**101.7**
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	**100.0**
1930	105.6	98.9	105.0	97.7	103.9	95.4	106.0	96.1	103.1	95.7	104.6	96.3	99.9	**99.1**
1931	106.1	98.0	104.7	97.0	105.1	94.1	106.7	94.9	103.5	94.1	106.2	94.7	99.8	**98.1**
1932	89.6	97.9	87.1	95.2	91.4	93.7	93.2	93.9	89.9	94.1	92.1	93.3	90.1	**97.6**
1933	87.8	97.7	83.7	97.2	90.6	93.3	91.2	95.1	87.7	94.1	89.4	93.2	83.2	**97.8**
1934	86.4	85.6	84.6	93.1	91.4	92.4	93.0	92.6	87.2	93.8	89.7	91.9	82.9	**95.1**
1935	86.7	85.5	85.6	91.6	92.8	91.8	95.6	92.5	89.5	92.6	90.4	92.0	85.6	**93.1**
1936	91.1	85.9	86.1	90.1	95.2	90.6	96.2	93.1	90.2	93.4	92.2	91.9	87.6	**92.9**
1937	97.7	85.9	94.9	90.2	100.4	91.1	103.7	93.2	96.9	93.3	98.9	92.0	96.8	**92.9**

Year	Building trades—journeymen—Continued										Building trades—helpers and laborers			
	Steam and sprinkler fitters		Stonecutters		Stonemasons		Structural-iron workers		Tile layers		All helpers and laborers [1]		Building laborers	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
1907	33.8	105.9	38.1	101.2	34.7	106.8	31.8	108.1	------	------	30.7	113.1	35.0	**108.5**
1908	34.2	105.9	38.2	101.2	35.2	106.8	34.7	105.9	------	------	32.1	110.8	35.2	**108.5**
1909	38.9	105.6	38.2	101.2	35.3	106.8	37.2	104.5	------	------	33.2	108.5	35.3	**108.1**
1910	36.1	105.0	38.4	101.2	35.6	105.2	39.5	103.4	------	------	34.3	106.6	36.7	**105.5**
1911	37.3	104.9	38.5	101.2	36.0	104.5	40.5	103.2	------	------	34.5	106.4	36.8	**105.5**
1912	37.9	104.2	38.6	100.9	36.4	104.5	41.2	102.1	42.7	102.8	34.8	106.1	37.2	**105.5**
1913	39.3	103.8	39.6	100.8	37.6	104.4	42.5	101.7	44.8	102.3	35.8	106.1	38.8	**105.5**
1914	40.0	102.5	41.1	100.8	38.7	104.4	43.3	101.5	45.0	102.3	36.2	105.5	39.2	**105.2**
1915	40.9	102.5	41.4	100.8	39.1	104.3	43.3	101.5	45.3	101.9	36.5	105.4	39.4	**105.2**
1916	41.7	102.2	41.8	100.4	39.7	104.1	44.0	101.2	45.9	101.4	37.7	105.1	41.2	**104.6**
1917	43.3	102.1	43.8	100.3	41.2	104.0	46.6	101.0	48.2	101.1	41.4	104.7	45.5	**103.5**
1918	47.3	101.1	46.7	100.3	45.2	104.0	53.4	100.7	49.6	101.1	48.0	104.3	53.4	**103.0**
1919	53.2	101.0	55.5	100.3	50.7	103.4	60.1	100.5	54.1	100.7	55.5	103.3	60.5	**101.1**
1920	70.2	100.9	72.7	100.2	70.7	103.4	76.2	100.5	72.8	100.4	80.5	102.7	87.7	**100.0**
1921	71.1	100.8	74.7	100.2	72.4	103.5	77.6	100.5	72.2	100.5	81.3	102.7	88.2	**100.0**
1922	69.5	100.8	71.7	100.2	67.4	103.4	70.5	100.5	71.0	100.3	74.0	102.4	82.8	**99.3**
1923	72.9	100.8	78.2	100.1	79.7	103.4	76.1	100.5	77.6	100.6	78.5	102.6	84.4	**100.0**
1924	83.6	100.8	84.0	100.1	84.5	103.1	85.0	100.5	88.1	100.6	84.9	102.6	93.9	**97.7**
1925	88.0	100.8	87.5	100.3	86.1	103.1	85.9	100.2	90.2	100.6	87.7	102.4	89.7	**99.8**
1926	95.3	100.7	95.4	100.1	94.9	103.3	92.4	100.5	94.6	100.6	95.6	102.2	98.7	**100.0**
1927	98.0	100.5	95.1	100.1	96.1	103.1	99.0	100.5	99.0	100.5	97.3	102.2	99.1	**100.2**
1928	99.4	100.5	95.5	100.2	97.3	103.0	99.2	100.4	98.9	100.2	98.3	102.1	99.5	**100.1**
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	**100.0**
1930	104.9	95.5	100.7	96.8	101.5	96.6	105.5	96.9	104.5	94.8	105.1	97.8	105.5	**98.1**
1931	105.5	94.5	101.0	96.4	102.0	94.9	106.5	95.8	105.6	93.6	104.5	97.0	103.9	**97.0**
1932	90.9	93.6	93.7	94.3	90.5	94.5	92.3	93.4	91.1	92.6	89.2	94.8	89.4	**93.6**
1933	88.2	93.1	84.7	94.3	84.5	93.8	91.3	93.1	88.3	92.4	85.2	94.4	84.2	**93.2**
1934	89.2	92.5	85.1	93.0	84.4	93.4	92.5	91.8	88.3	86.2	87.7	91.4	87.3	**89.1**
1935	90.7	92.2	85.1	92.7	84.2	93.3	93.2	90.7	89.0	86.2	88.2	90.8	88.6	**89.0**
1936	93.7	92.4	86.3	92.8	85.2	93.3	95.6	90.6	90.7	86.1	93.4	91.0	96.2	**89.5**
1937	98.8	92.5	88.3	92.8	94.1	93.3	104.4	90.2	97.1	89.8	101.5	91.3	105.3	**89.7**

[1] Including also plumbers' laborers and composition roofers' helpers, not reported separately.

No. 377.—Indexes of Union Scales of Hourly Wage Rates and Weekly Hours in Building and Printing Trades: By Occupations—Contd.

[Rates and hours for 1929=100]

Year	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
	Building trades—helpers and laborers—Continued											
	Elevator constructors' helpers		Hod carriers (masons' tenders)		Marble setters' helpers		Plasterers' laborers		Steam and sprinkler fitters' helpers		Tile layers' helpers	
1907	------	------	33.1	110.5	------	------	34.1	106.6	26.4	103.1	------	------
1908	------	------	33.2	110.5	------	------	35.6	106.2	26.8	103.0	------	------
1909	------	------	33.3	110.1	------	------	36.0	105.9	26.9	102.8	------	------
1910	------	------	33.8	109.2	------	------	36.2	105.9	29.1	101.8	------	------
1911	------	------	34.1	108.6	------	------	36.2	105.8	29.3	101.7	------	------
1912	------	------	34.3	107.8	35.8	100.5	36.6	105.3	30.2	101.6	36.1	103.0
1913	------	------	34.8	107.8	37.9	100.5	37.5	105.3	31.0	101.3	36.8	102.5
1914	37.5	102.9	35.2	106.4	38.1	100.1	38.3	105.4	31.6	102.0	37.1	102.5
1915	37.8	102.2	35.4	106.4	38.1	100.1	38.4	105.4	32.5	102.0	38.4	100.9
1916	38.8	102.2	36.5	106.4	38.1	100.1	39.4	104.4	33.0	101.7	39.8	100.6
1917	40.9	101.7	40.7	106.3	40.6	100.1	42.1	104.2	35.1	101.7	40.8	99.8
1918	43.6	101.7	47.5	106.3	42.5	100.1	48.5	104.2	40.5	100.3	42.1	99.8
1919	52.9	100.9	55.6	105.9	48.6	100.0	55.3	103.8	48.6	100.2	51.0	99.5
1920	74.1	100.7	80.8	105.7	82.0	100.0	80.1	103.8	70.4	100.2	83.5	99.5
1921	77.5	100.5	81.2	105.7	81.9	100.2	82.7	103.4	72.2	100.2	84.4	99.6
1922	73.8	100.6	67.3	105.9	76.2	100.2	72.6	103.4	74.1	100.3	79.3	99.6
1923	77.3	100.6	73.5	105.9	82.3	100.2	80.0	103.5	78.7	100.3	81.1	100.5
1924	85.2	100.6	76.8	105.8	89.2	100.2	86.0	103.4	87.2	100.3	88.3	100.5
1925	89.2	100.5	85.8	105.7	84.6	100.2	91.7	103.3	89.7	100.3	90.8	100.5
1926	96.1	100.5	93.5	105.8	93.9	100.2	97.1	99.9	95.0	100.2	98.4	100.5
1927	99.0	100.5	95.7	105.8	93.3	100.0	98.0	99.8	99.3	100.4	99.5	100.5
1928	100.9	100.5	95.8	105.8	94.3	100.1	99.6	100.1	101.4	100.0	101.5	100.5
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	105.4	96.2	103.8	99.3	101.7	95.9	106.0	97.4	109.3	92.1	108.5	93.6
1931	105.7	94.7	103.5	98.8	101.8	94.2	105.6	96.6	109.3	91.8	108.5	92.6
1932	96.9	94.7	85.8	96.6	93.2	93.8	87.6	96.3	94.3	91.7	95.8	91.4
1933	88.9	92.5	84.7	96.1	90.7	94.0	82.5	94.7	91.6	91.6	91.4	91.5
1934	88.4	91.8	90.3	94.3	90.9	92.3	84.8	91.8	91.9	91.1	91.5	87.6
1935	88.6	91.5	87.4	94.2	91.5	92.3	86.2	90.7	93.0	91.1	94.0	76.3
1936	89.5	92.1	92.1	94.0	91.6	92.2	88.0	89.2	93.2	91.5	96.0	76.3
1937	91.8	91.7	99.1	94.3	97.0	92.2	95.8	89.2	100.0	91.8	101.2	81.6
	Printing trades—book and job											
	All book and job trades		Bindery women		Bookbinders		Compositors, hand		Electrotypers		Machine operators	
1907	30.0	122.4	------	------	33.5	119.4	35.9	108.8	32.5	108.1	38.0	107.8
1908	33.3	116.8	------	------	37.0	108.7	36.0	108.8	32.6	107.7	39.4	107.8
1909	35.7	115.8	------	------	37.5	108.1	36.0	108.8	32.8	107.5	40.9	107.8
1910	37.6	115.4	------	------	37.9	107.7	37.6	108.8	34.1	104.7	42.3	107.8
1911	38.6	115.4	------	------	38.6	107.4	38.6	108.8	36.1	104.0	42.8	107.8
1912	39.3	115.3	------	------	38.8	107.4	39.4	108.7	36.6	104.0	43.8	107.5
1913	40.0	115.3	------	------	39.8	107.4	39.9	108.7	37.3	103.8	45.0	107.5
1914	40.9	115.3	------	------	40.4	107.4	40.9	108.7	39.0	103.6	45.5	107.5
1915	41.1	115.3	37.3	107.0	40.5	107.4	41.1	108.7	39.9	103.6	45.6	107.5
1916	41.7	115.3	37.9	107.0	40.6	107.4	42.0	108.7	41.0	103.5	45.7	107.7
1917	43.2	115.3	40.6	107.0	43.1	107.4	42.9	108.7	42.3	103.4	46.8	107.7
1918	47.8	115.3	45.3	107.0	48.4	107.4	47.3	108.7	44.4	103.4	50.5	107.7
1919	58.9	115.2	58.7	107.0	61.8	107.4	57.8	108.7	50.9	103.4	60.9	107.7
1920	76.9	110.9	81.1	107.0	81.2	107.4	76.1	108.7	72.9	103.3	77.6	107.7
1921	84.7	102.1	94.7	102.1	88.9	101.9	87.3	102.8	84.7	100.1	87.8	102.1
1922	85.0	100.8	91.7	100.8	85.3	100.9	88.8	100.7	86.4	98.7	87.9	100.6
1923	88.3	100.2	95.8	100.3	90.5	100.4	90.9	99.7	91.8	99.6	89.5	100.2
1924	92.0	100.2	97.2	100.3	94.5	100.1	94.9	100.0	95.2	99.3	93.3	99.8
1925	92.9	100.3	98.3	100.3	95.6	100.4	94.4	100.0	94.9	100.2	93.3	100.2
1926	95.0	100.1	96.4	100.5	97.3	100.3	96.3	100.0	95.8	100.2	94.4	100.0
1927	97.3	100.1	98.7	99.9	99.4	100.0	98.0	100.0	96.9	100.3	98.1	100.2
1928	98.7	100.1	99.2	99.8	98.9	100.7	99.5	100.0	97.7	100.2	98.4	100.0
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	101.8	99.9	100.7	99.9	101.2	99.9	102.2	100.0	102.9	98.8	102.7	100.0
1931	102.5	99.9	101.2	99.8	101.6	99.8	102.8	100.0	105.2	98.1	103.2	100.0
1932	101.4	96.1	98.7	99.9	97.9	99.7	102.5	99.7	104.8	98.2	103.3	99.9
1933	95.8	95.1	94.8	99.9	94.4	99.6	96.3	96.5	98.2	93.1	96.9	95.6
1934	98.4	91.8	99.6	93.5	97.9	93.1	97.3	94.1	105.1	90.1	97.0	92.9
1935	100.6	90.4	100.5	92.8	99.3	91.5	99.0	92.4	106.7	88.2	98.6	91.2
1936	103.5	90.5	102.4	92.4	100.6	91.5	102.0	91.7	107.1	86.5	102.0	90.4
1937	106.7	90.3	104.0	91.9	103.4	91.5	105.8	91.6	108.5	86.3	104.8	90.3

No. 377.—Indexes of Union Scales of Hourly Wage Rates and Weekly Hours in Building and Printing Trades: by Occupations—Contd.

[Rates and hours for 1929=100]

Year	Printing trades—book and job—Continued										Printing trades—newspaper	
	Machine tenders (machinists)		Photoengravers		Press assistants and feeders		Pressmen, cylinder		Pressmen, platen		All newspaper	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
1907	------	------	------	------	27.7	120.7	35.4	115.8	35.1	114.2	39.2	102.3
1908	------	------	------	------	30.7	109.6	37.2	110.2	36.2	110.3	41.3	101.8
1909	------	------	------	------	31.2	108.5	40.3	108.6	37.5	108.0	43.1	101.5
1910	------	------	------	------	31.8	108.3	40.6	108.4	38.1	107.8	44.6	101.3
1911	------	------	------	------	33.1	108.3	41.4	108.4	38.9	107.8	45.2	101.3
1912	43.9	108.6	------	------	33.6	108.3	42.1	108.4	39.4	107.8	46.0	101.1
1913	44.6	108.6	------	------	34.4	108.1	42.6	108.4	40.2	107.9	47.0	101.0
1914	44.7	108.6	------	------	35.3	108.1	43.6	108.4	40.8	107.9	47.5	100.8
1915	44.9	108.6	------	------	35.5	108.1	43.6	108.4	41.0	107.9	47.8	100.7
1916	45.0	108.8	38.9	108.9	36.0	108.1	44.2	108.4	41.8	107.9	48.0	100.6
1917	46.1	108.8	42.3	108.9	37.9	108.1	45.0	108.4	43.9	107.9	49.2	100.6
1918	50.6	108.8	44.9	108.6	44.3	108.1	49.9	108.4	48.4	107.9	51.6	100.6
1919	62.2	108.8	52.3	108.6	57.1	108.1	60.5	108.4	59.4	107.9	62.2	100.8
1920	77.9	108.8	72.2	100.2	78.4	108.0	78.6	108.4	80.5	107.8	76.1	100.7
1921	90.1	100.8	76.9	100.0	84.8	102.2	86.8	102.4	89.9	102.2	82.8	100.4
1922	89.0	100.4	77.6	100.0	82.1	101.1	84.8	101.2	87.9	101.6	83.5	102.4
1923	90.8	100.1	78.4	100.0	91.9	100.4	91.5	100.7	91.5	100.3	84.4	102.2
1924	94.8	100.0	83.9	100.0	91.1	100.6	94.2	100.9	94.3	100.6	89.5	100.8
1925	94.9	100.2	86.0	100.2	96.2	100.3	95.4	100.4	94.8	100.5	91.1	100.5
1926	98.2	100.0	91.5	100.0	97.3	100.2	97.3	100.2	99.3	99.7	93.1	100.7
1927	98.8	100.0	95.9	100.0	98.5	100.1	97.5	100.2	100.2	99.7	95.9	100.4
1928	99.2	100.0	98.6	100.0	99.1	100.0	98.3	100.0	98.5	99.9	98.3	100.2
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	101.8	100.0	100.2	99.8	101.2	100.0	101.8	100.0	101.7	100.0	101.0	99.8
1931	102.9	100.0	100.5	99.8	102.0	100.0	102.5	100.0	102.2	100.5	101.3	99.8
1932	103.5	100.0	103.5	94.9	97.6	87.9	99.8	91.4	100.0	98.2	101.1	97.3
1933	97.4	95.0	101.5	91.7	90.9	92.9	93.6	92.4	93.1	95.9	94.5	96.8
1934	100.4	91.5	103.1	90.5	94.4	89.8	96.3	89.2	95.7	92.0	95.8	89.1
1935	100.9	90.7	109.6	86.9	96.5	89.6	97.5	88.9	96.4	91.3	101.6	87.6
1936	104.0	90.2	112.3	85.7	99.7	91.9	101.5	90.7	100.4	91.3	103.1	86.5
1937	107.0	90.2	113.7	85.2	104.8	91.7	105.1	90.4	105.0	90.9	107.0	85.7

Year	Printing trades—newspaper—Continued											
	Compositors, hand		Machine operators		Machine tenders (machinists)		Photoengravers		Pressmen, web presses		Stereotypers	
	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours	Wage rates	Hours
1907	39.1	101.6	40.0	101.6	------	------	------	------	38.1	101.4	41.6	105.5
1908	41.2	101.5	41.8	101.6	------	------	------	------	40.4	99.6	43.9	103.9
1909	43.4	101.5	43.1	101.6	------	------	------	------	42.2	98.9	45.3	102.8
1910	45.2	101.5	44.4	101.6	------	------	------	------	43.6	98.6	46.4	101.6
1911	46.1	101.5	44.8	101.6	------	------	------	------	43.9	98.6	46.7	101.4
1912	47.1	101.2	45.6	101.3	49.6	100.6	------	------	44.5	98.4	47.4	101.2
1913	47.9	101.2	46.4	101.2	50.0	100.6	------	------	45.5	98.4	50.2	101.3
1914	48.4	100.9	46.9	100.9	50.3	100.5	------	------	45.8	98.4	50.7	101.1
1915	48.7	100.8	47.3	100.6	50.6	100.3	------	------	46.0	98.4	50.8	101.0
1916	48.9	100.7	47.5	100.5	50.7	100.2	42.7	106.9	46.3	98.4	51.3	101.0
1917	50.1	100.7	48.9	100.5	51.3	100.2	44.6	106.9	47.2	98.3	52.6	100.9
1918	52.3	100.8	50.6	100.7	53.8	100.3	48.3	105.7	50.9	98.3	54.8	100.0
1919	62.9	100.8	61.6	100.7	68.3	100.3	56.9	105.4	62.7	99.0	61.7	101.0
1920	76.4	101.1	76.3	100.8	84.3	100.4	65.6	104.3	77.5	98.6	75.3	103.5
1921	83.3	100.9	81.2	100.6	87.9	100.4	77.6	101.1	83.0	98.4	87.7	99.1
1922	85.2	102.1	83.4	102.1	88.7	101.0	81.3	101.8	78.7	103.5	86.4	101.0
1923	86.0	102.1	84.3	102.0	88.9	101.0	81.0	100.9	79.8	103.0	88.1	100.9
1924	90.6	101.1	89.4	100.6	94.0	100.4	84.4	100.9	88.7	99.8	90.7	100.8
1925	91.3	101.0	91.1	100.6	91.4	100.9	87.8	100.2	92.7	99.2	93.1	100.4
1926	93.4	101.2	93.4	100.3	90.5	100.7	94.4	99.8	92.7	100.3	94.3	100.4
1927	96.5	100.6	95.4	100.2	95.7	100.1	95.7	100.2	97.5	100.1	95.5	100.2
1928	98.3	100.4	98.9	99.9	97.9	100.3	99.5	100.0	99.6	99.7	95.5	100.7
1929	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1930	100.9	99.7	100.8	99.8	100.8	99.8	101.6	99.9	101.7	99.8	100.8	100.0
1931	101.0	99.7	100.9	99.8	101.0	99.8	102.6	99.5	102.3	99.8	101.2	100.1
1932	100.0	97.6	100.2	95.9	100.4	92.9	103.8	99.4	103.6	97.8	100.2	99.3
1933	93.4	96.5	93.7	95.2	93.3	92.1	96.0	99.6	97.0	98.7	94.6	98.1
1934	94.8	86.7	94.9	85.2	94.5	82.6	100.5	95.5	97.2	93.9	96.0	94.9
1935	100.9	85.6	101.2	84.3	100.9	81.4	105.3	92.4	102.5	91.8	100.5	92.7
1936	102.7	84.0	102.9	82.7	102.8	80.0	107.9	92.1	103.1	91.4	102.0	92.3
1937	107.1	83.5	107.3	82.2	107.2	79.7	109.9	91.1	106.5	90.3	105.2	90.6

Source: Bureau of Labor Statistics, Department of Labor.

No. 378.—DISTRIBUTION OF UNION MEMBERS IN BUILDING, PRINTING, AND BAKERY TRADES, UNION STREET-RAILWAY EMPLOYEES, AND UNION MOTOR-TRUCK DRIVERS, BY HOURLY WAGE RATES AS OF MAY 15, 1937

Trade and occupation	Average hourly rate	Percentage of union members whose rates (in cents) per hour were—								
		Under 60	60 and under 80	80 and under 100	100 and under 120	120 and under 140	140 and under 160	160 and under 180	180 and under 200	200 and over
All building trades	$1.260	2.3	5.9	8.8	17.4	26.6	28.8	8.9	0.5	0.8
Journeymen (skilled workers)	1.363		.3	1.1	18.1	32.3	35.7	10.9	.6	1.0
Asbestos workers	1.360				12.4	39.6	48.0			
Bricklayers	1.493			.2	1.3	10.1	73.6	14.7	(1)	.1
Carpenters	1.290		.4	1.0	27.6	32.5	38.5			
Cement finishers	1.316			.6	14.6	44.4	38.4	1.7		.3
Electricians, inside wiremen	1.406		.1	1.7	21.0	21.3	28.0	27.9		
Elevator constructors	1.360			1.4	7.7	42.1	44.8	4.0		
Engineers, portable and hoisting	1.555		.1	1.4	8.5	18.5	32.9	16.1	9.4	13.1
Glaziers	1.360		2.6	2.2	27.8	26.1	10.9	13.1	17.3	
Granite cutters	1.177				37.7	60.8	1.5			
Lathers	1.454		.1		1.6	26.2	57.7	14.4		
Marble setters	1.439				5.7	28.3	59.4	6.6		
Mosaic and terrazzo workers	1.296				19.8	46.2	31.6	2.4		
Painters	1.312		.9	1.7	23.2	46.3	4.1	23.8		
Plasterers	1.509				3.4	20.6	55.0	11.8		9.2
Plumbers and gas fitters	1.407			.2	3.0	40.5	52.0	4.3		
Roofers, composition	1.201		.3	10.9	38.7	31.1	17.4	1.6		
Roofers, slate and tile	1.339			3.6	28.8	27.7	31.1	8.8		
Sheet-metal workers	1.299		.1	1.0	28.0	32.7	38.2			
Sign painters	1.527			.6	12.6	30.1	18.9	19.4	10.6	7.8
Steam and sprinkler fitters	1.421			.1	2.7	36.3	60.8	.1		
Stonecutters	1.298		1.0	8.3	13.1	40.2	35.2	2.2		
Stonemasons	1.448			.1	.5	26.7	66.5	6.2		
Structural-iron workers	1.438		(1)		7.7	33.7	38.1	17.9		2.6
Tile layers	1.375				11.7	35.6	41.9	10.8		
Helpers and laborers [2]	.818	12.4	29.7	41.5	14.0	2.0	.4			
Building laborers	.774	17.6	34.0	42.5	3.3	2.5	.1			
Hod carriers (masons' tenders)	.822	2.2	32.0	55.4	10.4	(1)				
Plasters' laborers	.992	1.9	5.1	29.9	55.5	3.9	3.7			
Elevator constructors' helpers	.991		4.7	33.6	61.7					
Marble setters' helpers	.994	.5	8.2	40.6	50.7					
Steam and sprinkler fitters' helpers	.945		26.2	20.9	52.9					
Tile layers' helpers	.925	1.2	25.4	24.3	49.1					
Printing, book and job	1.108	9.6	4.4	15.3	28.4	30.2	8.7	3.4		(1)
Bindery women	.521	88.8	11.2							
Bookbinders	1.029		1.4	37.2	54.8	6.6				
Compositors, hand	1.158			8.1	48.1	43.6	.2			
Electrotypers	1.336			3.2	21.9	19.2	55.7			
Machine operators	1.236			4.7	28.4	66.6				.3
Machine tenders (machinists)	1.245			3.3	28.0	59.7	9.0			
Photoengravers	1.529				.3	23.4	42.1	34.2		
Press assistants and feeders	.895	7.4	19.9	45.5	24.1	3.1				
Pressmen, cylinder	1.217		(1)	10.4	31.7	46.4	10.7	.8		
Pressmen, platen	1.033		10.0	38.1	23.7	28.2				
Printing, newspaper	1.305		.1	3.9	30.3	34.2	24.0	5.8	1.2	.5
Compositors, hand	1.334									
Day work	1.284			2.9	30.7	36.3	29.5		.2	.4
Night work	1.386			1.9	14.2	40.5	29.3	13.8		.3
Machine operators	1.337									
Day work	1.294			3.0	26.6	41.6	26.5		.6	1.7
Night work	1.385			1.8	13.8	45.1	30.4	7.8		1.1
Machine tenders (machinists)	1.328									
Day work	1.282			1.6	32.9	39.4	24.2		.2	1.7
Night work	1.386			1.2	14.5	41.6	17.6	25.1		
Photoengravers	1.573									
Day work	1.450			.5	1.0	44.6	28.8	25.1		
Night work	1.708			1.8		5.7	14.7	41.3		36.5
Pressmen, web presses	1.205									
Day work	1.120		.9	11.2	64.4	21.0	2.5			
Night work	1.320			4.0	28.4	28.6	34.0	4.9	.1	
Stereotypers	1.187									
Day work	1.121		.8	6.8	65.9	26.5				
Night work	1.293			4.7	43.9	11.9	39.5			

For footnotes, see p. 338.

No. 378. DISTRIBUTION OF UNION MEMBERS IN BUILDING, PRINTING, AND BAKERY TRADES, UNION STREET-RAILWAY EMPLOYEES, AND UNION MOTOR-TRUCK DRIVERS, BY HOURLY WAGE RATES AS OF MAY 15, 1937—Continued

Trade and occupation	Average hourly rate	Percentage of union members whose rates (in cents) per hour were—								
		Under 60	60 and under 80	80 and under 100	100 and under 120	120 and under 140	140 and under 160	160 and under 180	180 and under 200	200 and over
Bakery trades	$0.928	7.2	29.1	27.9	17.4	12.5	5.9	------	------	------
Hebrew bakeries	1.255	.6	1.5	12.9	17.7	43.7	23.6	------	------	------
Other bakeries	.821	9.4	38.3	32.7	17.3	2.3	(1)	------	------	------
Street-railway employees [3]	.728	3.7	85.7	10.6	------	------	------	------	------	------
Motor-truck drivers [4]	.767	8.8	54.1	24.7	[5] 12.4	------	------	------	------	------

[1] Less than one-tenth of 1 percent.
[2] Includes also plumbers' laborers and composition roofers' helpers, not shown separately.
[3] Includes conductors, motormen, and bus drivers on lines operated by street railways.
[4] Includes dirt-truck drivers (with different rates for trucks of different sizes), coal-truck drivers, transfer, delivery, and express drivers.
[5] Covers "100 and over."

Source: Bureau of Labor Statistics, Department of Labor.

No. 379.—STRIKES: Number of Strikes, Number of Workers Involved, and Man-Days Idle

NOTE.—The term "strike" is here used in the generic sense to include all stoppages of work due to labor disputes, whether initiated by the employers (lock-outs) or by the workers. Strikes involving fewer than 6 workers or lasting lesst han 1 day are not included. Notices or leads regarding strikes are obtained from 670 daily papers, labor papers, and trade journals, as well as from all Government labor boards.

Year and month	Number of strikes		Number of workers involved in strikes		Man-days idle during year or month (thousands)
	Beginning year or mo.	In progress during mo.	Beginning year or month	In progress during month	
1927	707	------	329,939	------	26,219
1928	604	------	314,210	------	12,632
1929	921	------	289,112	------	5,352
1930	637	------	182,975	------	3,334
1931	810	------	41,817	------	6,932
1932	841	------	324,210	------	10,502
1933	1,695	------	1,168,272	------	16,872
1934	1,856	------	1,466,695	------	19,592
1935	2,014	------	1,117,213	------	15,456
1936	2,172	------	788,648	------	13,902
1937	4,740	------	1,873,774	------	28,455
1936					
January	167	251	32,406	59,153	636
February	148	250	63,056	89,735	748
March	185	304	75,191	122,162	1,331
April	183	313	65,379	95,526	700
May	206	340	72,824	123,030	1,019
June	188	309	63,429	133,531	1,328
July	173	324	38,017	125,281	1,105
August	228	355	68,752	118,268	911
September	234	379	65,994	130,875	1,063
October	192	335	100,845	148,570	1,054
November	136	252	70,116	157,007	1,941
December	132	258	72,639	184,859	2,066
1937					
January	171	271	108,641	214,288	2,720
February	211	350	112,468	239,482	1,521
March	614	760	290,324	358,155	3,289
April	535	785	221,572	394,178	3,377
May	604	877	325,499	445,170	2,983
June	610	940	281,478	474,954	4,998
July	472	830	143,678	353,682	3,008
August	449	746	143,033	238,828	2,270
September	361	656	88,967	160,241	1,450
October	320	583	67,242	127,109	1,182
November	262	467	68,929	118,632	982
December	131	333	21,943	60,518	674
1938					
January	149	269	34,842	55,363	470
February	168	283	52,077	76,174	501
March	233	351	54,106	102,635	780
April	223	372	77,168	108,620	794
May	247	392	87,367	126,460	1,177
June	178	328	49,602	96,935	834

Source: Bureau of Labor Statistics, Department of Labor; figures are published currently in Monthly Labor Review.

No. 380.—CIVILIAN CONSERVATION CORPS: ENROLLED STRENGTH AND AMOUNT EXPENDED OR OBLIGATED

Month	1933-34	1934-35	1935-36	1936-37	1937-48
	Enrolled strength at end of month [1]				
July	293, 582	345, 181	404, 425	345, 390	287, 550
August	275, 998	338, 047	505, 782	323, 276	264, 921
September [2]	208, 700	277, 704	449, 580	261, 091	179, 127
October	240, 241	349, 334	474, 390	346, 553	302, 093
November	287, 733	337, 456	470, 121	332, 011	286, 889
December	278, 517	299, 479	445, 147	317, 250	275, 167
January	289, 184	346, 245	413, 011	351, 475	276, 953
February	278, 766	332, 876	392, 761	336, 054	268, 152
March [2]	211, 747	241, 810	294, 921	242, 214	238, 548
April	267, 256	341, 891	331, 195	310, 088	256, 474
May	285, 546	329, 362	346, 450	288, 127	247, 533
June	232, 677	358, 558	321, 243	261, 268	231, 091
Object of expenditure	Expended or obligated, years ended June 30 [3] (thousands of dollars)				
Total	312, 336	434, 520	490, 679	388, 186	308, 599
Pay of enrollees	102, 534	129, 996	154, 091	121, 736	102, 411
Pay of civilian employees	35, 380	37, 556	62, 252	56, 229	55, 208
Shelter, clothing, etc. [4]	96, 689	163, 801	147, 312	116, 558	83, 060
Supplies, materials, and equipment	35, 811	52, 154	64, 743	42, 216	27, 383
Travel of persons	13, 675	14, 286	14, 558	9, 165	9, 736
Transportation of things	9, 578	9, 536	9, 975	5, 117	2, 905
Pay of reserve officers	13, 873	17, 250	23, 481	22, 330	17, 815
Miscellaneous	4, 796	9, 942	14, 266	14, 836	10, 081

[1] Excludes Indians and enrollees in Territories and outlying possessions, averaging about 9,000 per month. Data prior to July 1933 are: April, 37,189; May, 154,238; and June, 279,722.
[2] Enrollment low because month is at end of 6-month-discharge period.
[3] Includes amounts expended or obligated on Indian Reservations and in Alaska, Hawaii, and Puerto Rico, and, beginning with 1934-35, in Virgin Islands. Does not include amounts expended for acquisition of land, which from April 1933 to June 1937 totaled $81,334,000; no expenditures on this account thereafter.
[4] Includes subsistence, medical supplies and treatment, and utilities.

Source: Director of Civilian Conservation Corps.

No. 381.—EMPLOYMENT AND PAY ROLLS ON CONSTRUCTION PROJECTS FINANCED FROM REGULAR FEDERAL GOVERNMENTAL APPROPRIATIONS

NOTE.—Pay-roll disbursements in thousands of dollars. No compilations made for months prior to August 1934. Monthly figures cover periods ended on 15th. Data for employees engaged on force-account projects (projects for which contracts are not let) are duplicated in figures given elsewhere for Federal executive service

Year or month	Number of wage earners [1]	Pay-roll disbursements	Average earnings per hour	Year or month	Number of wage earners [1]	Pay-roll disbursements	Average earnings per hour
1934 (Aug. to Dec.)	[2] 17, 616	4, 767	$0. 547	1937—Continued.			
1935	[2] 40, 583	31, 645	. 622	March	126, 093	12, 235	$0. 730
1936	[2] 117, 005	125, 993	. 660	April	141, 362	14, 733	. 710
January	55, 006	4, 470	. 626	May	164, 758	15, 642	. 703
February	48, 344	3, 791	. 635	June	187, 133	17, 944	. 691
March	53, 018	4, 106	. 637	July	206, 846	20, 751	. 675
April	65, 594	5, 722	. 621	August	217, 220	20, 596	. 688
May	83, 026	6, 356	. 606	September	223, 324	22, 955	. 687
June	110, 922	9, 733	. 650	October	218, 347	20, 911	. 698
July	148, 569	14, 329	. 660	November	211, 004	20, 304	. 704
August	166, 769	15, 261	. 665	December	180, 594	17, 162	. 716
September	171, 697	15, 312	. 662	1938 (6 months)	[2] 175, 636	103, 539	. 722
October	177, 185	17, 076	. 663	January	153, 864	15, 706	. 732
November	171, 463	15, 535	. 679	February	144, 776	14, 017	. 729
December	152, 465	14, 302	. 704	March	156, 649	15, 167	. 729
1937	[2] 177, 706	207, 836	. 701	April	173, 585	17, 523	. 712
January	130, 621	12, 740	. 723	May	202, 845	19, 763	. 722
February	125, 174	11, 863	. 733	June	222, 096	21, 363	. 712

[1] Maximum number employed during any one week of the month by each contractor and Government agency doing force-account work (projects for which contracts are not let). Includes weekly average for public-road projects.
[2] Average of monthly maxima.

Source: Bureau of Labor Statistics, Department of Labor.

No. 382.—EMPLOYMENT AND PAY ROLLS ON PROJECTS FINANCED FROM PUBLIC WORKS ADMINISTRATION FUNDS: JULY 1933 TO JUNE 1938

NOTE.—**Pay-roll disbursements in thousands of dollars.** Construction projects financed by the Public Works Administration are those projects authorized by the National Industrial Recovery Act of June 1933. This program of public works was extended to June 30, 1937 by the Emergency Relief Appropriation Acts of 1935 and 1936. The Public Works Administration was continued until July 1, 1939, by the P. W. A. Extension Act of 1937. Data for employees engaged on force-account projects (projects for which contracts are not let) are duplicated in employment figures given elsewhere for Federal executive service and railroads. Monthly figures cover periods ended on the 15th. Figures for July 1935 and subsequent months include data for employees working on P. W. A. projects financed from funds provided by the Emergency Relief Appropriation Acts of 1935, 1936, and 1937. See table 383

Year and month	Number of wage earners [1]	Pay-roll disbursements	Average earnings per hour	Year and month	Number of wage earners [1]	Pay-roll disbursements	Average earnings per hour
1933 (6 months)	[2] 126,052	33,244	$0.534	**1936**	[2] 313,894	271,332	$0.768
July	267	26	.751	January	221,777	15,110	.745
August	4,848	134	.638	February	201,851	13,776	.754
September	48,177	2,086	.551	March	247,260	15,828	.756
October	146,747	6,354	.528	April	310,644	21,671	.746
November	255,512	11,552	.531	May	364,881	25,611	.746
December	300,758	13,092	.537	June	399,791	29,057	.754
1934	[2] 475,495	308,394	.589	July	388,434	27,970	.765
January	298,259	12,789	.541	August	381,310	28,039	.769
February	311,428	14,347	.541	September	359,445	26,771	.784
March	307,036	14,093	.553	October	327,297	24,907	.792
April	383,076	18,853	.571	November	301,904	22,854	.800
May	506,459	25,970	.564	December	262,133	19,738	.800
June	611,822	33,830	.564	**1937**	[2] 187,464	179,676	.819
July	643,299	34,707	.573	January	219,098	16,294	.827
August	631,098	36,539	.589	February	193,854	14,924	.832
September	575,512	32,785	.613	March	194,271	14,249	.810
October	526,839	30,238	.632	April	210,070	16,725	.804
November	502,288	30,624	.627	May	225,132	17,187	.799
December	408,823	23,619	.654	June	220,838	17,591	.805
1935	[2] 357,350	270,624	.690	July	210,545	16,844	.809
January	329,883	19,747	.678	August	196,491	16,155	.810
February	287,994	17,548	.679	September	176,214	15,069	.830
March	302,502	18,589	.679	October	154,059	13,107	.836
April	369,673	23,223	.677	November	132,890	11,898	.848
May	428,852	26,007	.655	December	116,109	9,633	.853
June	454,438	27,438	.663	**1938 (6 months)**	[2] 103,121	49,270	.819
July	441,094	26,650	.668	January	96,725	7,837	.843
August	430,409	27,247	.688	February	91,581	7,282	.828
September	373,915	24,255	.707	March	93,703	6,988	.810
October	336,080	23,054	.719	April	104,134	8,186	.803
November	288,924	20,212	.744	May	115,710	9,204	.806
December	244,435	16,654	.755	June	116,874	9,773	.828

[1] Maximum number employed during any 1 week of the month by each contractor and Government agency doing force-account work. Includes weekly average for public-road projects.
[2] Average of monthly maxima.

Source: Bureau of Labor Statistics, Department of Labor.

No. 383.—EMPLOYMENT AND PAY ROLLS ON WORKS PROGRAM PROJECTS

NOTE.—Pay-roll disbursements in thousands of dollars. The Works Program was inaugurated by the President by authority of the Emergency Relief Appropriation Act of 1935 and continued by Emergency Relief Appropriation Acts of 1936 and 1937. Employment created by this program covers projects conducted under supervision of Works Progress Administration, those conducted by Public Works Administration and other Federal agency projects financed from the Emergency Relief Appropriation Acts of 1935, 1936, and 1937. These figures do not include activities of the Civilian Conservation Corps financed from the Emergency Relief Appropriation Act of 1935. Unless otherwise stated, figures refer to calendar months.

Year and month	Projects operated by the Works Progress Administration			National Youth Administration					
				Work Projects			Student Aid		
	Number employed [1]	Pay-roll disbursements	Average earnings per hour	Number employed [2]	Pay-roll disbursements	Average earnings per hour	Number employed [2]	Pay-roll disbursements	Average earnings per hour
1935 (July to Dec.)	[3] 1,123,678	238,018	$0.417	----------	----------	----------	[3] 183,949	6,364	$0.324
1936 (Jan. to Dec.)	[3] 2,530,232	1,592,943	.464	[3] 150,865	28,846	$0.381	[3] 363,841	25,915	.303
1937	[3] 1,784,464	1,188,381	.517	[3] 157,963	32,234	.374	[3] 364,436	24,370	.291
January	2,138,059	115,065	.515	183,648	3,053	.375	418,721	2,978	.290
February	2,145,562	116,257	.504	187,737	3,201	.370	428,818	3,237	.290
March	2,114,800	117,125	.509	189,790	3,177	.369	442,100	3,326	.289
April	2,070,151	114,005	.506	189,866	3,130	.367	443,986	3,363	.288
May	1,999,269	112,383	.516	182,149	3,038	.370	425,694	3,053	.292
June	1,821,151	106,584	.521	170,498	2,859	.374	249,826	1,996	.309
July	1,568,817	91,896	.523	148,554	2,460	.379	----------	----------	----------
August	1,479,836	82,907	.521	131,731	2,312	.384	36	(4)	.195
September	1,451,112	81,277	.528	126,191	2,164	.375	36,581	164	.247
October	1,475,800	81,490	.530	122,407	2,157	.378	244,648	1,602	.288
November	1,519,740	82,775	.524	126,953	2,254	.377	284,535	1,985	.289
December	1,629,271	86,617	.523	136,026	2,429	.375	304,979	2,066	.287
1938 (6 mos.)	[3] 2,399,705	731,969	.502	[3] 166,728	17,391	.362	[3] 306,383	12,584	.287
January	1,900,625	93,200	.508	145,951	2,552	.371	310,877	2,005	.287
February	2,075,492	103,233	.502	152,105	2,688	.366	321,357	2,176	.286
March	2,394,843	119,824	.502	154,833	2,739	.361	328,159	2,213	.285
April	2,581,897	131,549	.500	158,890	2,766	.360	335,422	2,265	.285
May	2,678,246	138,012	.500	179,376	3,075	.359	326,644	2,394	.287
June [5]	2,767,125	146,151	.503	209,212	3,571	.358	215,838	1,531	.301

Year and month	Public Works Administration projects financed from E.R.A.A. 1935, 1936, and 1937 funds [6] [7]			Other Federal agency projects financed from E.R.A.A., 1935, 1936, and 1937 funds [7]		
	Number employed [8]	Pay-roll disbursements	Average earnings per hour	Number employed [8]	Pay-roll disbursements	Average earnings per hour
1935 (July to Dec.)	[3] 3,954	1,133	$0.659	[3] 116,114	34,814	$0.449
1936 (Jan. to Dec.)	[3] 160,085	123,396	.754	[3] 411,401	234,065	.454
1937	[3] 117,511	108,005	.812	[3] 239,878	152,353	.519
January	131,153	9,347	.821	328,867	15,653	.488
February	115,214	8,429	.825	267,525	13,024	.478
March	113,930	8,254	.813	249,690	12,505	.487
April	129,887	9,618	.809	254,524	13,433	.503
May	139,561	10,339	.792	266,686	14,155	.521
June	141,708	10,961	.803	284,893	14,795	.515
July	139,701	10,812	.811	262,487	12,800	.525
August	131,547	10,184	.795	207,331	12,005	.555
September	114,803	9,309	.816	193,114	11,501	.559
October	101,864	8,253	.817	192,631	11,452	.563
November	80,541	6,814	.840	184,654	10,857	.556
December	70,228	5,685	.844	186,133	10,173	.516
1938 (6 months)	[3] 78,749	36,046	.800	[3] 197,840	59,424	.507
January	67,967	5,176	.838	157,827	7,973	.507
February	67,949	5,034	.814	147,182	7,326	.489
March	70,731	4,981	.802	154,229	7,228	.488
April	81,502	6,093	.792	188,674	9,125	.493
May	91,206	7,132	.798	251,115	12,609	.520
June [5]	93,141	7,630	.813	288,010	15,163	.525

[1] Number of persons employed during the week ending on the last Saturday of the calendar months.
[2] Number of persons on pay rolls for periods ending within calendar months.
[3] Average. [4] Less than $500. [5] Preliminary.
[6] These figures are included in those appearing in table 382, covering projects under jurisdiction of the Public Works Administration.
[7] Data are for monthly periods ending on the 15th.
[8] Note 1, table 381 applies to figures in this column.

Source: Works Progress Administration and Bureau of Labor Statistics, Department of Labor.

No. 384.—ACTIVITIES OF OFFICES OF THE STATE EMPLOYMENT SERVICES AND THE NATIONAL REEMPLOYMENT SERVICE

NOTE.—The operations of the United States Employment Service are conducted through a Nation-wide system of State and Territorial employment services affiliated with the United States Employment Service, under the terms of the Wagner-Peyser Act, whereby State and Territorial appropriations are matched (within limits of each State apportionment from the Federal appropriation) upon agreement by the State or Territorial service to conform with the Federal operating standards. Field visits represent the number of employer contacts. Figures by States, industries, etc., are published by the United States Department of Labor.

Year and month	Active file	New applications	Field visits	Placements			
				Total	Private	Public works and Governmental service	C. W. A., W. P. A., and relief
1933 (July to Dec.)	----------	9,063,802	48,637	3,161,856	375,189	482,379	2,304,288
1934 (Jan. to June)	----------	1,922,003	608,348	1,747,700	552,954	975,108	219,638
July	7,181,514	345,401	109,542	347,283	[1] 107,352	[1] 219,108	20,823
August	7,127,545	376,886	114,643	313,230	[1] 97,131	[1] 200,474	15,625
September	6,951,690	332,565	101,344	257,442	93,766	157,861	5,815
October	6,786,357	341,145	107,980	317,157	101,771	178,127	37,259
November	6,603,970	292,117	89,289	281,661	77,476	130,324	73,861
December	6,526,875	233,889	85,550	230,027	75,458	89,214	66,255
1935	----------	6,357,966	915,181	4,457,523	1,107,755	1,432,413	1,917,355
January	6,467,749	321,375	88,817	220,865	[1] 75,857	[1] 82,463	62,545
February	6,559,053	262,707	71,527	154,990	[1] 66,334	[1] 66,513	22,143
March	6,384,732	266,810	83,329	203,885	[1] 85,417	[1] 100,148	18,320
April	6,312,060	322,519	88,581	285,093	[1] 101,467	[1] 146,825	36,801
May	6,094,192	379,532	86,265	290,456	112,169	157,957	20,330
June	6,718,047	662,066	72,975	271,662	95,766	152,754	23,142
July	7,562,206	363,930	75,874	283,760	105,477	153,743	24,540
August	8,277,774	878,782	84,022	304,499	105,101	138,347	61,051
September	8,747,852	691,853	73,290	396,340	114,327	120,640	161,373
October	8,796,750	656,741	78,278	561,717	117,091	132,510	312,116
November	8,456,718	550,457	56,887	684,329	68,292	89,579	526,458
December	9,025,963	501,194	60,336	799,927	60,457	90,934	648,536
1936	----------	4,261,621	1,105,777	5,091,122	1,509,919	2,214,462	1,366,741
January	9,083,717	433,585	56,370	522,762	61,883	95,825	365,054
February	9,252,657	355,327	55,765	387,279	66,263	81,454	239,562
March	9,312,517	364,758	75,105	442,331	93,122	136,578	212,631
April	9,044,859	300,516	85,725	454,826	110,912	201,255	142,659
May	8,812,299	295,812	88,711	468,588	133,802	243,528	91,258
June	[2] 6,498,076	370,233	85,229	473,141	123,517	267,331	82,293
July	6,735,957	396,663	79,159	437,901	117,906	261,632	58,363
August	6,833,680	384,981	86,205	436,290	130,491	246,664	59,135
September	6,838,889	355,800	102,081	434,648	167,809	222,102	44,737
October	6,897,446	357,455	105,938	399,095	173,407	193,737	31,951
November	6,841,989	339,309	129,024	330,986	158,833	148,116	24,037
December	6,311,159	307,182	156,465	303,275	171,974	116,240	15,061
1937	----------	3,635,090	1,895,070	3,640,934	2,352,665	1,218,599	69,670
January	6,282,615	292,304	149,052	242,136	143,969	84,183	13,984
February	6,115,443	262,290	180,441	250,241	157,738	82,440	10,063
March	5,495,209	282,587	203,144	294,308	193,641	91,176	9,491
April	5,519,754	288,049	189,421	348,915	219,456	122,576	6,883
May	5,309,545	272,035	171,633	379,972	240,753	134,030	5,189
June	5,016,023	337,917	159,608	374,038	224,629	143,373	6,036
July	4,940,578	295,078	170,677	341,158	207,578	129,387	4,193
August	4,853,345	283,562	167,956	357,937	227,991	126,820	3,126
September	4,636,744	278,945	150,380	346,048	239,605	103,953	2,490
October	4,393,092	291,187	142,663	303,293	210,226	90,392	2,675
November	4,421,076	299,101	116,318	224,221	157,602	63,709	2,910
December	4,874,631	452,035	93,777	178,667	120,477	46,560	2,630
1938 (6 mos. total)	----------	4,646,188	633,118	1,148,663	790,446	333,713	24,504
January	6,070,143	942,374	70,655	136,841	93,052	41,748	2,041
February	6,763,393	749,643	86,236	131,846	91,460	38,704	1,682
March	6,784,276	806,113	109,149	177,157	128,890	45,389	2,878
April	7,255,271	667,443	113,533	217,555	153,931	58,364	5,260
May	7,522,237	677,145	123,949	238,979	159,341	72,784	6,854
June	7,830,940	803,470	129,596	246,285	163,772	76,724	5,789

[1] Partially estimated.
[2] Changes in procedure affecting the composition of the active file resulted in the decline during June 1936.

Source: United States Employment Service, Department of Labor.

15.—POSTAL SERVICE

[Postal statistics, unless otherwise noted, include data for outlying territories and possessions except Philippine Islands and Canal Zone]

No. 385.—UNITED STATES POSTAL SERVICE, 1800 TO 1937

Year ended June 30—	Number of post offices	Mileage of post routes [1]	Finances, thousands of dollars			Revenue per capita, dollars	Money orders issued, thousands of dollars		Number of ordinary postage stamps issued, millions	Number of pieces of mail handled, millions [4]
			Gross revenue	Gross expenditure	Surplus (+) or deficit (−) [2]		Domestic [3]	International [3]		
1800	903	20,817	281	214	+67					
1810	2,300	36,406	552	496	+56					
1820	4,500	72,492	1,112	1,161	−49					
1830	8,450	115,176	1,851	1,933	−82					
1840	13,468	155,739	4,544	4,718	−175	0.27				
1850	18,417	178,672	5,500	5,213	+287	.20			[5] 2	
1860	28,498	240,594	8,518	19,171	−10,653	.27			216	
1865	20,550	142,340	14,556	13,695	+917	.42	[6] 1,360		387	
1870	28,492	231,232	18,880	23,999	−5,098	.49	34,054	[7] 22	468	
1875	35,547	277,873	26,791	33,611	−6,820	.61	77,431	1,965	682	
1880	42,989	343,888	33,315	36,543	−3,222	.66	100,353	3,464	876	
1885	51,252	365,251	42,561	50,046	−7,481	.76	117,859	6,840	1,465	
1890	62,401	427,990	60,882	66,260	−5,401	.97	114,363	13,230	2,220	4,005
1895	70,064	456,026	76,983	87,180	−10,230	1.12	156,709	12,906	2,795	5,134
1900	76,688	500,989	102,355	107,740	−5,410	1.34	238,921	16,749	3,999	7,130
1901	76,945	511,808	111,631	115,555	−3,982	1.43	274,546	20,073	4,239	7,424
1902	75,924	507,540	121,848	124,786	−2,961	1.53	313,551	22,974	4,621	8,085
1903	74,169	506,268	134,224	138,784	−4,587	1.66	353,628	35,238	5,271	8,887
1904	71,131	496,818	143,583	152,362	−8,813	1.74	378,778	42,550	5,331	9,502
1905	68,131	486,805	152,827	167,399	−14,594	1.81	396,903	47,516	5,751	10,188
1906	65,600	478,711	167,933	178,450	−10,543	1.96	444,516	63,048	6,284	11,361
1907	62,658	463,406	183,585	190,238	−6,692	2.11	479,650	84,081	7,061	12,256
1908	60,704	450,738	191,479	208,352	−16,910	2.15	498,700	88,972	7,651	13,364
1909	60,144	448,618	203,562	221,004	−17,480	2.24	491,075	76,755	8,732	14,005
1910	59,580	447,098	224,129	229,977	−5,881	2.43	547,994	99,743	9,067	14,850
1911	59,237	435,488	237,880	237,649	+219	2.53	578,111	109,605	10,046	16,901
1912	58,729	436,469	246,744	248,525	−1,786	2.58	583,337	97,660	9,929	17,589
1913	58,020	436,293	266,620	262,068	+4,511	2.74	624,489	102,668	10,813	18,567
1914	56,810	435,597	287,935	283,544	+4,376	2.91	667,231	101,963	11,112	
1915	56,380	433,334	287,248	298,546	−11,333	2.85	656,139	60,772	11,226	
1916	55,935	425,950	312,058	306,204	+5,829	3.05	719,365	46,357	11,672	
1917	55,414	454,835	329,726	319,339	+9,836	3.18	813,319	41,645	12,452	
1918 [8]	54,347	465,371	388,976	324,834	+64,127	3.70	904,650	35,865	13,066	
1919 [8]	53,084	455,498	436,239	362,498	+73,735	4.11	1,109,613	39,766	15,020	
1920	52,641	435,342	437,150	454,323	−17,270	4.10	1,332,700	32,960	13,213	
1921	52,168	434,349	463,491	620,994	−157,518	4.28	1,305,370	24,399	13,870	
1922	51,950	454,901	484,854	545,644	−60,815	4.41	1,205,327	20,651	14,262	
1923	51,613	460,171	532,828	556,851	−24,065	4.78	1,376,461	34,119	15,478	23,055
1924	51,266	467,896	572,949	587,377	−14,464	5.08	1,510,705	50,615	15,954	24,358
1925	50,957	464,269	599,591	639,282	−39,745	5.28	1,532,567	52,650	17,387	25,835
1926	50,601	470,779	659,820	679,704	−19,972	5.63	1,590,486	63,172	16,333	25,484
1927	50,266	478,662	683,122	714,577	−31,506	5.76	1,647,580	68,952	16,000	26,687
1928	49,944	487,512	693,634	725,700	−32,121	5.78	1,630,157	71,520	16,676	26,837
1929	49,482	491,179	696,948	782,344	−85,461	5.73	1,658,443	76,113	16,917	27,952
1930	49,063	503,918	705,484	803,667	−98,216	5.75	1,714,576	72,708	16,269	27,888
1931	48,733	528,570	656,463	802,485	−146,066	5.29	1,559,549	62,228	15,559	26,544
1932	48,159	537,544	588,172	793,684	−205,551	4.71	1,536,889	48,849	14,651	24,307
1933	47,641	536,679	587,631	699,887	−112,375	4.67	1,647,421	35,116	11,917	19,868
1934	46,506	536,751	586,733	630,733	−44,034	4.64	1,776,740	30,041	12,526	20,626
1935	45,686	514,128	630,795	696,503	−65,808	4.94	1,820,957	30,429	13,610	22,332
1936	45,230	517,864	665,343	753,616	−88,316	5.18	1,918,293	31,449	13,835	23,571
1937	44,877	519,328	726,201	772,743	−46,615	5.62	2,107,002	33,979	15,109	25,801

[1] Excluding rural free delivery routes, ocean mail routes, and air mail routes to foreign countries.
[2] Audited postal surplus or deficit which is greater or less than excess of receipts or expenditures by the amount of adjusted losses and contingencies.
[3] International includes foreign countries on domestic basis. For explanation see headnote table 387.
[4] Data are for continental United States and are estimates except in 1923 and beginning with 1926, when figures are accurate calculations. No estimates made from 1914 to 1922, inclusive.
[5] Postage stamps first issued under act of Mar. 3, 1847, and placed on sale at New York July 1, 1847.
[6] From Nov. 1, 1864, when money-order system first went into operation, to June 30, 1865.
[7] From Sept. 1, 1869, to June 30, 1870. International money orders first issued under convention of Oct. 12, 1867.
[8] Gross revenues of department for 1918 and 1919 include $44,500,000 and $71,292,000, respectively, war-tax revenue accruing from increased postage.

Source: Annual Report of the Postmaster General.

No. 386.—REVENUES, UNITED STATES POSTAL SERVICE: Years Ended June 30

[All figures in thousands of dollars]

Item	1910	1915	1920	1925	1930	1935	1936	1937
Total	224, 129	287, 248	437, 150	599, 591	705, 484	630, 795	665, 343	726, 201
Ordinary postal revenue	219, 339	279, 460	424, 406	585, 333	686, 426	598, 358	635, 042	693, 029
Stamps, postal cards, etc.[1]	202, 065	256, 037	379, 587	507, 572	574, 851	473, 407	491, 545	521, 675
Second-class postage paid in money (pound rates)[1]	8, 174	10, 468	25, 100	29, 619	28, 584	18, 431	20, 079	22, 534
Other postage paid in money under permit	4, 418	7, 527	12, 960	39, 301	73, 545	96, 206	113, 950	137, 822
Box rents	4, 139	4, 981	6, 145	7, 817	8, 530	6, 596	6, 766	7, 097
Miscellaneous	542	448	614	1, 024	907	3, 718	2, 701	3, 901
Money-order revenues	4, 790	7, 175	10, 314	12, 909	17, 496	20, 424	20, 977	23, 235
Revenue from postal savings	----------	612	2, 430	1, 349	1, 562	12, 013	9, 324	9, 938

[1] For volume of this item, see table 391.

No. 387.—POSTAL MONEY-ORDER BUSINESS: Years Ended June 30

Note.—For revenues from money orders, see table 386. For value of orders issued for other years, see table 385. Money orders are exchanged on a domestic basis not only within this country, but with its outlying possessions, Canada, Cuba, and numerous islands and minor countries neighboring the United States. International-basis orders are exchanged between the United States and its outlying possessions, on the one hand, and other than "domestic basis" foreign countries, on the other. In this table, however, "International" includes money orders exchanged between the United States and "domestic basis" foreign countries, and these are not included in "Domestic"

Item	1910	1915	1920	1925	1930	1935	1936	1937
Number of money-order offices	51, 791	55, 670	54, 395	54, 269	54, 161	53, 106	51, 610	51, 304
DOMESTIC[1]								
Orders issued:								
Number (1,000)	76, 918	105, 073	148, 491	197, 054	202, 273	212, 737	227, 957	245, 745
Amount (1,000 dollars)	547, 994	656, 139	1, 332, 700	1, 532, 567	1, 714, 576	1, 820, 957	1, 918, 293	2, 107, 002
Orders paid:								
Number (1,000)	76, 496	103, 884	147, 520	196, 038	201, 453	212, 651	227, 234	244, 920
Amount (1,000 dollars)	545, 632	652, 786	1, 333, 046	1, 531, 597	1, 713, 681	1, 821, 152	1, 907, 703	2, 109, 379
Excess of issues:[2]								
Number (1,000)	422	1, 190	971	1, 015	820	85	723	825
Amount (1,000 dollars)	2, 362	1, 353	−346	970	895	−194	10, 590	−2, 377
INTERNATIONAL[3 4]								
Orders issued:								
Number (1,000)	4, 500	3, 055	1, 852	2, 966	3, 978	2, 456	2, 486	2, 725
Amount (1,000 dollars)	99, 743	60, 772	32, 960	52, 050	72, 708	30, 429	31, 449	33, 979
Orders paid:								
Number (1,000)	1, 956	2, 217	1, 508	1, 765	2, 161	1, 288	1, 449	1, 552
Amount (1,000 dollars)	27, 244	24, 743	25, 362	19, 765	25, 825	13, 641	13, 800	14, 542
Excess of issues:								
Number (1,000)	2, 544	837	343	1, 201	1, 817	1, 167	1, 036	1, 172
Amount (1,000 dollars)	72, 499	36, 029	7, 598	32, 886	46, 883	16, 788	17, 649	19, 437
FOREIGN "DOMESTIC BASIS"[5]								
Paid in foreign countries:								
Number (1,000)	667	655	601	938	1, 034	614	676	736
Amount (1,000 dollars)	10, 184	9, 110	9, 568	16, 920	20, 921	8, 180	9, 132	10, 452
Paid in the United States:								
Number (1,000)	1, 566	1, 936	1, 246	1, 498	1, 751	939	1, 061	1, 218
Amount (1,000 dollars)	17, 766	18, 386	17, 916	15, 118	17, 935	8, 342	9, 127	11, 001

[1] Domestic money orders first issued Nov. 1, 1864, under act of Congress approved May 17, 1864.
[2] Minus sign indicates excess of payments.
[3] Includes foreign countries on "domestic basis."
[4] International money orders first issued Sept. 1, 1869, under Postal Convention of Oct. 12, 1867.
[5] Included under "International" above.

Source of tables 386 and 387: Annual Report of the Postmaster General.

No. 388.—EXPENDITURES UNITED STATES POSTAL SERVICE: YEARS ENDED JUNE 30

NOTE.—All figures in thousands of dollars. For total expenditures see table 385. Data cover expenditures during the specified fiscal year, whether on account of that year or of previous years

Item	1910	1915	1920	1925	1930	1935	1936	1937
Service in post offices (total)	107,771	139,937	234,102	338,046	429,571	378,407	422,702	447,198
Salaries of postmasters	27,514	30,400	40,108	47,562	52,850	44,583	47,404	48,518
Salaries of clerks, etc	38,045	53,317	102,319	153,336	201,972	173,510	195,374	208,985
City delivery service	31,805	42,668	63,626	95,161	127,890	113,153	128,032	135,549
All other expenditures	10,405	13,552	28,049	41,987	46,860	47,156	51,892	54,146
Railway Mail Service	19,389	28,408	38,711	52,906	61,888	52,251	58,332	60,228
Rural Delivery Service	37,074	49,806	75,794	93,163	106,347	90,519	92,348	91,745
Transportation of domestic mail	61,940	76,914	99,520	142,141	176,984	134,676	140,254	144,363
By railroads	49,405	59,576	70,714	99,720	117,265	93,328	93,597	97,827
By other means	12,535	17,338	28,805	42,421	59,720	41,348	46,657	46,536
Transportation foreign mail	3,204	3,273	5,012	9,175	24,449	36,806	35,881	24,963
Payment account of invalid money orders	600	208	284	138	131	232	180	186
Post Office Department [1]				3,712	4,298	3,612	3,920	4,061

[1] Paid out of the General Treasury prior to 1923.

No. 389.—TRANSPORTATION OF DOMESTIC MAILS

NOTE.—Amounts, except as indicated, in thousands of dollars. Since Nov. 1, 1916, all service on steam railroads is authorized and paid for under the space basis system; formerly, payments were based on a system of quadrennial weighings. Railway mail space units of service vary in size and character and may consist of a car, a section of a car, or a closed pouch carried on a car. Some cars are railway post offices, others are for storage only, about 20 classes of units being distinguished. The "equated unit" represents a calculation of the equivalent of all the different units in terms of a 60-foot car. Annual rate of expenditure (regular authorizations) represents estimated cost for transporting normal mail traffic over regular routes only, based on contracts outstanding at the end of each fiscal year. "Annual cost" includes emergency and side and transfer service. Average rates are based on "regular authorizations"

Class of service and item	Year ended June 30, or as of June 30 of year specified						
	1915	1920	1925	1930	1935	1936	1937
Steam railway service:							
Length of routes (miles)	233,676	232,358	230,470	220,416	199,016	197,564	194,599
Annual travel (thousand miles)—							
Regular space units	[1] 499,011	561,827	579,256	564,801	455,214	461,948	468,017
Prorated to 60-foot car basis		218,349	226,395	228,478	192,130	197,703	201,882
Annual expenditure—							
Regular authorizations	58,149	83,731	88,991	103,970	86,806	89,510	91,058
Annual cost		89,661	107,491	125,243	99,676	101,655	106,358
Average rate of cost—							
Per mile of length (dollars)	248.84	360.35	386.12	471.70	436.17	453.06	467.92
Per unit mile traveled (cents)	[1] 11.65	14.90	15.36	18.41	19.06	19.38	19.45
Per 60-foot car mile (cents)		38.34	39.31	45.70	45.40	45.27	45.10
Railway mail service—							
Number of employees	19,599	20,407	20,693	21,185	19,138	20,913	21,339
Expenditure for salary	21,205	35,644	48,913	56,577	49,239	54,506	56,505
Electric railway service:							
Number of routes	569	543	288	224	135	123	114
Length of routes (miles)	8,183	8,043	8,042	7,012	4,459	4,268	3,971
Annual travel of space units (thousand miles)	[1] 13,948	[1] 11,752	10,487	9,829	6,047	5,675	5,403
Annual rate of expenditure	819	471	566	571	349	338	333
Average cost per unit mile traveled (cents)	[1] 5.87	[1] 4.01	5.39	5.81	5.77	5.96	6.16
Power boat service:							
Number of routes	260	266	284	265	196	194	191
Length of routes (miles)	32,402	34,642	49,791	40,130	21,043	21,168	20,822
Annual travel (thousand miles)	5,685	3,992	5,298	4,806	2,860	2,760	2,584
Annual rate of expenditure	990	[2] 773	1,492	1,401	1,085	1,116	903
Average cost per mile traveled (cents)	17.42	19.36	28.16	29.15	37.95	40.45	34.96
Air mail service:							
Length of routes (miles)	[3] 218	3,094	2,665	14,907	28,884	29,198	29,622
Mileage scheduled (thousands)	[3] 18	654	2,160	16,228	33,770	40,802	42,052
Miles traveled with mail (thousands)	[3] 16	549	2,077	14,939	31,148	38,700	39,958
Mail carried [4] (thousand pounds)	[3] 18	527	233	7,720	10,775	15,378	19,554
Cost of service	[3] 14	1,264	2,744	14,618	[5] 8,814	[5] 12,035	[5] 12,722

[1] Annual travel in thousands of miles and average cost per mile traveled. Space basis was not in force.
[2] Exclusive of freight and express service to Alaska or New York Harbor service.
[3] 1918 data.
[4] Beginning 1925, only specially paid air mail was carried.
[5] Subject to revision.

Source of tables 388 and 389: Annual Report of the Postmaster General.

No. 390.—CITY AND RURAL FREE DELIVERY AND STAR-ROUTE SERVICE

NOTE.—Free city delivery was inaugurated in 1863; rural free delivery in 1897. Star routes are mail routes between towns which are let on a contract basis. Star route service in Alaska is not included in the accompanying table, data for 1937 being as follows: Number of routes, 61; length, 8,625 miles; annual travel, 268,302 miles; annual rate of expenditure, $178,904

As of June 30—	City free delivery			Rural free delivery				Star routes	
	Number of offices	Number of carriers	Annual cost [1] (1,000 dollars)	Number of routes	Length of routes (miles)	Annual travel (1,000 miles)	Annual cost (1,000 dollars)	Number of routes (regular service)	Annual cost (1,000 dollars)
1870	51	1,362	1,231					7,295	5,050
1880	104	2,628	[1] 2,364					9,863	7,321
1890	454	9,066	[1] 7,978					15,887	5,321
1895	604	12,714	12,145					20,733	5,754
1900	796	15,322	14,671	1,259	28,685		420	22,834	5,088
1905	1,144	21,778	20,923	32,110	721,237		20,865	17,199	7,342
1910	1,492	28,715	31,738	41,079	993,068	303,007	36,915	13,425	6,928
1915	1,808	32,902	39,829	43,866	1,067,674	325,305	52,566	11,557	8,713
1920	2,086	36,142	62,841	43,445	1,151,832	348,627	75,562	10,739	11,106
1921	2,161	38,532	72,309	43,752	1,163,896	352,533	83,034	10,664	12,390
1922	2,229	39,485	75,226	44,186	1,180,448	357,254	84,430	10,715	12,641
1923	2,277	40,134	77,945	44,439	1,190,534	360,256	86,172	10,802	12,610
1924	2,325	43,829	82,904	44,760	1,205,714	363,670	86,765	10,802	12,735
1925	2,401	46,251	93,567	45,189	1,227,654	370,273	102,945	10,906	12,774
1926	2,522	48,238	105,370	45,315	1,249,978	377,046	104,117	10,991	12,955
1927	2,812	50,117	113,301	44,730	1,270,746	383,851	104,447	11,215	12,996
1928	2,899	51,293	117,490	44,288	1,289,613	390,054	105,008	11,472	13,541
1929	2,970	52,719	122,515	43,840	1,316,420	398,444	106,202	11,695	13,969
1930	3,050	53,762	126,426	43,278	1,334,842	404,738	106,378	11,788	14,281
1931	3,098	53,387	126,179	42,412	1,354,759	412,382	106,502	12,089	14,532
1932	3,111	52,767	125,700	41,602	1,358,030	412,084	105,824	12,443	14,705
1933	3,111	51,229	107,410	40,013	1,365,712	414,417	103,693	12,596	14,301
1934	3,111	48,275	96,947	37,108	1,359,895	412,721	92,285	12,237	12,942
1935	3,111	49,084	111,648	34,848	1,355,078	411,361	92,061	11,853	11,357
1936	3,134	53,852	126,371	34,118	1,368,083	415,433	92,438	11,663	10,882
1937	3,173	54,944	133,908	33,601	1,377,088	418,248	91,680	11,572	10,800

[1] Data represent audited expenditures; in 1880 and 1890 they include some incidental expense.

No. 391.—POSTAL SERVICE: VOLUME OF CERTAIN ITEMS OF BUSINESS, YEARS ENDED JUNE 30

NOTE.—For sales of postage stamps and other stamped paper and postage collected on second-class matter see table 386

	1915	1920	1925	1930	1935	1936	1937
Transactions in stamped paper:							
Ordinary postage stamps issued (millions)	11,226	13,213	17,387	16,269	13,610	13,835	15,109
Stamped envelopes and wrappers issued (millions)	1,794	2,350	2,997	3,164	1,618	1,648	1,664
Postal cards issued (millions)	976	986	1,497	1,643	1,754	1,918	2,226
Pieces of mail carried [1] (millions)			25,835	27,888	22,332	23,571	25,801
Second-class matter carried:							
Free in county (1,000 pounds)	62,142	61,528	69,195	75,326	57,560	61,564	64,738
Paid at pound rates (1,000 pounds)	1,047,144	1,307,227	1,348,297	1,554,415	1,063,389	1,149,967	1,270,486
Foreign mails dispatched by sea:							
Letters, post cards (1,000 pounds)	3,401	4,608	5,640	7,103	4,602	4,806	4,984
Other articles (1,000 pounds)	22,848	66,725	66,229	83,377	53,056	57,153	63,610
Mail registered:							
Domestic, paid (1,000 pieces)	27,688	56,951	70,512	76,489	41,318	48,697	47,840
International, paid (1,000 pieces)	4,325	11,300	10,993	7,869	3,444	3,516	3,604
Official, free (1,000 pieces)	5,297	8,663	8,414	8,680	10,582	12,531	12,072
Registry fees (1,000 dollars)	3,201	6,825	8,850	12,807	[2] 7,100	[2] 8,240	[2] 8,130
Mail insured:							
Domestic, parcel post (1,000 pieces)	18,012	95,385	152,078	126,421	71,960	77,096	83,019
International (1,000 pieces)			603	649	311	368	341
Total fees paid (1,000 dollars)	941	5,416	8,061	8,775	5,249	5,578	6,001
Mail sent C. O. D.:							
Total pieces sent (1,000)	4,721	20,098	52,362	46,249	31,118	32,329	33,433
Total fees (1,000 dollars)	472	2,070	5,562	5,825	4,298	4,457	4,634

[1] See note 4, table 385.
[2] Not including surcharges (effective July 1, 1932) amounting to $3,815,000 in 1935, $3,880,000 in 1936, and $4,268,000 in 1937.

Source of tables 390 and 391: Annual Report of the Postmaster General.

No. 392.—POSTAL SERVICE: By States and Outlying Areas

Division and State	Number of post offices, July 1, 1937	Mileage of rural free-delivery routes, June 30, 1937	Gross postal receipts [1]					
			1920	1925	1930	1935	1936	1937
			In thousands of dollars for years ended June 30					
Grand total	44,877	1,377,088	424,525	584,755	686,351	595,661	633,106	689,686
United States proper	44,480	1,377,032	423,463	583,427	684,610	591,800	629,612	685,773
New England	2,459	43,221	32,276	43,498	51,375	48,111	48,451	51,560
Maine	746	12,203	2,866	3,946	3,912	3,583	3,666	3,878
New Hampshire	360	6,240	1,504	2,035	2,286	2,216	2,308	2,479
Vermont	357	8,075	1,220	1,540	1,703	1,659	1,691	1,786
Massachusetts	601	8,231	18,913	25,064	29,627	25,890	27,185	28,818
Rhode Island	85	1,273	2,029	2,702	3,297	3,018	3,227	3,381
Connecticut	310	7,199	5,744	8,211	10,550	9,740	10,374	11,218
Middle Atlantic	5,226	114,728	117,897	161,532	194,927	164,613	174,867	191,615
New York	2,036	49,363	74,772	102,514	125,072	102,748	109,487	121,058
New Jersey	634	8,720	9,512	14,655	19,768	18,553	19,513	20,875
Pennsylvania	2,556	56,645	33,613	44,363	50,087	43,312	45,867	49,681
East North Central	5,867	303,809	107,343	151,924	175,748	143,663	154,103	169,693
Ohio	1,396	69,346	24,800	35,417	42,088	34,046	36,370	39,679
Indiana	939	58,814	9,226	13,774	15,613	13,388	14,426	15,674
Illinois	1,496	72,252	51,357	70,753	78,757	62,916	67,137	74,450
Michigan	1,060	53,048	13,199	18,978	24,133	20,048	22,119	24,765
Wisconsin	976	50,349	8,761	13,002	15,157	13,265	14,051	15,125
West North Central	6,797	330,842	53,971	73,365	80,641	66,926	69,749	73,584
Minnesota	1,093	54,046	10,847	15,836	17,614	15,089	15,748	16,810
Iowa	1,160	63,952	9,392	11,720	13,504	10,932	11,575	12,143
Missouri	1,597	60,792	18,624	27,230	28,988	22,748	23,714	25,097
North Dakota	642	29,251	2,062	2,360	2,721	2,562	2,643	2,711
South Dakota	595	25,315	2,066	2,539	2,750	2,433	2,442	2,527
Nebraska	736	37,407	5,504	6,663	7,279	6,217	6,524	6,786
Kansas	974	60,079	5,476	7,017	7,785	6,945	7,103	7,509
South Atlantic	7,729	192,903	34,415	46,072	52,293	51,213	55,170	59,300
Delaware	76	3,044	811	999	1,233	1,251	1,364	1,571
Maryland	617	11,482	5,292	7,101	8,519	7,706	8,342	8,839
District of Columbia	1	199	3,536	4,771	6,047	6,307	7,100	7,389
Virginia	1,922	30,125	5,621	7,236	7,985	7,688	8,057	8,638
West Virginia	1,644	11,800	3,154	4,395	4,611	4,274	4,565	4,889
North Carolina	1,246	41,633	4,138	5,814	6,830	7,475	7,937	8,387
South Carolina	534	25,904	2,289	2,530	2,174	2,037	2,190	2,409
Georgia	962	54,590	6,395	7,734	9,220	8,452	9,031	9,824
Florida	727	14,126	3,179	5,492	5,674	6,023	6,584	7,354
East South Central	5,017	145,274	15,546	20,576	23,736	21,330	22,744	24,793
Kentucky	2,383	26,663	4,392	6,283	6,827	6,161	6,570	6,943
Tennessee	895	44,774	5,289	7,107	8,546	7,676	8,162	9,085
Alabama	960	38,680	3,418	4,385	5,108	4,524	4,812	5,259
Mississippi	779	35,157	2,447	2,801	3,255	2,969	3,200	3,507
West South Central	5,024	161,731	24,678	30,646	37,240	33,206	35,633	38,886
Arkansas	1,170	26,064	2,928	3,585	3,828	3,265	3,468	3,787
Louisiana	807	15,706	4,015	5,055	5,486	5,017	5,278	5,844
Oklahoma	935	43,794	4,730	5,889	7,272	6,217	6,677	7,097
Texas	2,112	76,167	13,005	16,117	20,654	18,707	20,210	22,157
Mountain	3,383	36,872	12,178	15,004	17,276	15,914	16,850	18,451
Montana	671	6,717	2,016	2,180	2,446	2,422	2,538	2,679
Idaho	457	6,882	1,397	1,324	1,513	1,488	1,583	1,739
Wyoming	331	1,233	712	953	993	992	1,012	1,118
Colorado	660	15,348	4,398	5,878	6,819	5,929	6,235	6,872
New Mexico	517	2,953	679	900	1,089	1,162	1,245	1,394
Arizona	277	1,645	943	1,137	1,532	1,456	1,577	1,792
Utah	319	1,934	1,647	2,179	2,347	1,928	2,100	2,268
Nevada	151	160	386	453	537	537	560	590
Pacific	2,978	47,652	25,158	40,812	51,378	48,823	52,045	57,891
Washington	772	15,650	5,636	7,494	8,719	8,026	8,459	9,259
Oregon	710	10,381	3,324	4,809	5,436	5,004	5,443	6,010
California	1,496	21,621	16,198	28,509	37,223	35,793	38,143	42,622
Outlying offices	397	56	[2] 1,062	1,328	1,740	3,860	3,555	3,912
Alaska	199	----------	82	71	104	98	109	117
Guam	1	----------	1	2	3	3	10	12
Hawaii	93	56	352	611	774	834	948	1,158
Puerto Rico	97	----------	406	522	527	568	623	661
Samoa (Tutuila)	2	----------	2	2	(3)	(3)	(3)	(3)
Virgin Islands	5	----------	17	11	15	17	19	20
Philatelic agency	----------	----------	----------	109	317	2,340	1,846	1,945

[1] Revenues from money-order business, postal savings, and certain miscellaneous items not included.
[2] Includes receipts from agencies in China, France, and Siberia.
[3] Less than $500.

Source: Annual Report of the Postmaster General

16.—TELEPHONE, TELEGRAPH, CABLE, AND RADIOTELEGRAPH SYSTEMS

[Data cover public telephone systems and land (wire) commercial telegraph systems operated in continental United States and commercial cable and radiotelegraph systems operated by companies incorporated in United States]

No. 393.—TELEPHONE SYSTEMS: EQUIPMENT, TRAFFIC, EMPLOYEES, SALARIES AND WAGES, REVENUE, AND INVESTMENT

NOTE.—The more detailed data were collected only for companies reporting an annual income of $5,000 or more previous to 1922 and $10,000 or more in 1922, 1927, and 1932

[All money figures in thousands of dollars]

	1907	1912	1917	1922	1927	1932
ALL SYSTEMS						
Number of systems and lines	22,971	32,233	53,234	57,253	60,148	44,828
Miles of wire (thousands)	12,999	20,248	28,827	37,266	63,836	87,678
Number of telephones (thousands)	6,119	8,730	11,717	14,347	18,523	17,424
Number of calls originating with systems reporting (millions)	(1)	(1)	21,846	24,648	31,614	30,048
Number of employees	(1)	(1)	262,629	312,015	375,272	334,085
Salaries and wages	(1)	(1)	175,670	352,926	486,597	458,117
Revenue, operating [2]	(1)	(1)	382,830	665,568	1,023,574	1,061,530
Investment in plant and equipment	(1)	(1)	1,492,329	2,205,183	3,548,875	4,701,903
SYSTEMS REPORTING ANNUAL INCOME OF $5,000 OR MORE, 1907–1917, AND THOSE REPORTING $10,000 OR MORE, 1922–1932						
Number of systems and lines	1,636	1,916	2,200	1,323	1,368	918
Miles of wire, total (thousands)	11,922	19,019	27,298	35,503	62,277	86,484
Underground	(3)	9,165	14,849	21,440	39,893	55,236
Overhead	(3)	9,854	12,449	14,063	22,384	31,248
Exchange lines	(3)	16,336	23,723	30,907	54,281	(4)
Toll lines	(3)	2,683	3,575	4,596	7,996	(4)
Number of telephones (thousands)	4,907	7,327	9,954	12,295	16,713	16,284
Number of central offices	10,613	11,515	12,294	10,666	11,485	12,724
Number of private-branch exchanges	28,276	52,651	80,914	102,622	(4)	(4)
Number of calls originating with systems reporting (millions)	10,400	13,736	19,809	21,901	29,196	29,100
Local exchange	10,161	13,395	19,366	21,235	28,109	(4)
Long distance or toll	240	341	443	666	1,087	(4)
Number of employees	131,670	183,361	244,490	290,333	356,739	320,763
Salaries and wages	65,009	96,041	169,655	341,538	475,840	451,478
Operators (included above):						
Number	72,518	96,332	138,071	159,558	(4)	(4)
Male	2,457	1,972	1,679	932	(4)	(4)
Female	70,061	94,360	137,292	158,626	(4)	(4)
Wages	22,637	32,474	66,137	138,807	(4)	(4)
BELL SYSTEM (INCLUDED ABOVE)						
Miles of wire (thousands)	8,947	15,133	23,134	30,614	56,819	80,586
Number of telephones (thousands)	3,132	5,087	7,327	9,515	13,726	13,793
Number of originating calls (millions)	6,401	9,133	14,598	16,567	23,693	25,061
SYSTEMS REPORTING ANNUAL INCOME OF LESS THAN $5,000, 1907–1917, AND LESS THAN $10,000, 1922–1932						
Miles of wire (thousands)	1,077	1,229	1,529	1,763	1,559	1,193
Number of telephones (thousands)	1,212	1,403	1,763	2,052	1,810	1,140
Number of originating calls (millions)	(3)	(3)	2,037	2,746	2,418	948

[1] Not reported except for the larger systems and lines.
[2] Including assessments of mutual companies.
[3] Comparable data not available.
[4] Not called for on schedule.

Source: Bureau of the Census, Department of Commerce.

No. 394.—TELEPHONE SYSTEMS: MILES OF WIRE, NUMBER OF TELEPHONES, AND NUMBER OF ORIGINATING CALLS, ALL SYSTEMS AND LINES, BY STATES

Division and State	Miles of wire		Number of telephones				Telephones per 1,000 population, 1932	Number of originating calls (millions)	
	1927	1932	1912	1922	1927	1932		1927	1932
United States	63, 836, 182	87, 677, 586	8, 729, 592	14, 347, 395	18, 522, 767	17, 424, 406	139	31, 614	30, 048
New England	5, 586, 569	7, 682, 588	625, 488	1, 223, 497	1, 546, 931	1, 513, 939	183	2, 328	2, 458
Maine	326, 120	517, 144	68, 914	113, 725	131, 367	124, 372	155	214	205
New Hampshire	211, 448	288, 990	40, 017	68, 874	83, 066	79, 506	170	117	127
Vermont	105, 645	149, 129	40, 142	54, 530	60, 793	58, 133	161	84	86
Massachusetts	3, 165, 833	4, 099, 247	329, 992	687, 700	867, 888	832, 740	193	1, 334	1, 368
Rhode Island	429, 451	595, 303	41, 664	92, 766	114, 944	110, 671	158	117	176
Connecticut	1, 348, 072	2, 032, 775	104, 759	205, 902	290, 873	308, 517	188	462	496
Middle Atlantic	19, 992, 689	27, 399, 025	1, 782, 145	3, 249, 710	4, 588, 211	4, 613, 733	172	6, 908	6, 905
New York	11, 592, 418	15, 385, 557	970, 449	1, 780, 563	2, 595, 537	2, 628, 537	204	3, 935	4, 000
New Jersey	3, 012, 459	4, 382, 769	185, 632	383, 496	599, 336	642, 830	154	774	838
Pennsylvania	5, 387, 812	7, 630, 699	626, 064	1, 085, 651	1, 393, 338	1, 342, 366	138	2, 199	2, 067
East North Central	15, 223, 410	21, 574, 370	2, 378, 257	3, 693, 101	4, 589, 751	4, 034, 931	156	7, 538	6, 504
Ohio	3, 658, 505	5, 545, 857	631, 206	962, 837	1, 122, 036	978, 394	144	1, 958	1, 712
Indiana	1, 558, 005	2, 223, 608	354, 550	508, 726	552, 249	444, 996	136	1, 061	863
Illinois	5, 688, 146	7, 599, 337	807, 253	1, 283, 449	1, 685, 690	1, 507, 222	193	2, 571	2, 206
Michigan	2, 967, 217	4, 263, 778	335, 074	508, 140	711, 315	621, 958	124	1, 140	982
Wisconsin	1, 351, 537	1, 941, 790	250, 174	429, 949	518, 461	482, 361	162	808	741
West North Central	6, 044, 901	7, 641, 354	1, 621, 523	2, 315, 996	2, 594, 081	2, 260, 985	169	4, 577	3, 960
Minnesota	1, 422, 716	1, 610, 192	272, 359	424, 777	487, 611	443, 682	171	931	849
Iowa	960, 226	1, 310, 798	380, 294	533, 347	565, 533	484, 879	196	916	775
Missouri	1, 988, 764	2, 620, 741	404, 150	550, 980	657, 946	592, 153	162	1, 269	1, 157
North Dakota	140, 923	161, 225	51, 241	77, 586	86, 198	69, 241	101	129	143
South Dakota	154, 601	177, 521	65, 858	101, 555	107, 641	88, 798	127	171	119
Nebraska	606, 425	736, 632	201, 689	273, 500	295, 274	247, 551	178	524	367
Kansas	771, 246	1, 024, 245	245, 932	354, 251	393, 878	334, 681	176	637	550
South Atlantic	4, 244, 852	5, 760, 130	531, 402	937, 324	1, 262, 222	1, 250, 882	78	2, 426	2, 430
Delaware	118, 539	210, 300	15, 842	23, 534	28, 901	32, 537	135	53	58
Maryland	936, 353	1, 076, 460	84, 801	153, 790	197, 135	212, 014	128	294	317
District of Columbia	540, 152	675, 044	46, 603	102, 231	144, 985	180, 785	366	186	235
Virginia	615, 286	876, 581	76, 652	155, 490	183, 698	196, 956	81	382	420
West Virginia	349, 899	445, 781	80, 251	116, 081	146, 677	134, 150	76	279	243
North Carolina	392, 455	706, 829	65, 152	116, 129	160, 507	143, 710	44	379	321
South Carolina	171, 678	290, 599	33, 239	54, 078	64, 616	57, 215	33	146	148
Georgia	538, 751	772, 176	96, 436	136, 334	173, 410	151, 264	52	437	415
Florida	581, 739	706, 360	32, 426	79, 657	162, 203	142, 251	92	270	273
East South Central	2, 001, 125	2, 587, 978	337, 292	521, 129	644, 270	547, 440	55	1, 537	1, 401
Kentucky	722, 120	863, 293	130, 751	201, 545	222, 735	191, 236	72	485	407
Tennessee	642, 096	850, 951	104, 353	171, 413	220, 559	192, 983	73	559	539
Alabama	421, 927	580, 087	56, 292	84, 401	121, 115	100, 813	37	313	282
Mississippi	214, 982	293, 647	45, 896	63, 761	79, 861	62, 408	31	180	173
West South Central	3, 619, 976	5, 028, 077	543, 102	872, 157	1, 149, 357	1, 002, 389	81	2, 649	2, 591
Arkansas	318, 868	366, 944	68, 303	99, 490	118, 178	86, 676	46	239	193
Louisiana	560, 262	694, 367	46, 602	87, 354	137, 610	132, 735	62	385	392
Oklahoma	655, 102	1, 173, 051	116, 217	222, 889	278, 912	241, 453	99	581	571
Texas	2, 085, 744	2, 793, 715	311, 980	462, 424	614, 657	541, 525	90	1, 444	1, 435
Mountain	1, 198, 550	1, 640, 855	226, 652	385, 730	456, 198	446, 492	119	780	802
Montana	135, 536	181, 485	35, 537	55, 115	59, 238	55, 361	103	81	96
Idaho	111, 940	134, 096	29, 454	48, 745	54, 822	49, 201	110	128	93
Wyoming	60, 622	85, 233	9, 946	24, 949	28, 049	28, 346	123	39	49
Colorado	559, 873	717, 589	90, 397	150, 652	183, 250	179, 063	171	313	300
New Mexico	48, 765	84, 722	10, 346	18, 342	21, 580	23, 100	53	35	43
Arizona	89, 305	158, 261	11, 224	24, 353	33, 194	36, 064	80	37	68
Utah	167, 393	231, 113	34, 064	53, 261	63, 106	60, 082	116	127	130
Nevada	25, 116	48, 356	5, 684	10, 313	12, 959	15, 275	164	20	23
Pacific	5, 924, 110	8, 363, 209	683, 731	1, 148, 760	1, 689, 746	1, 753, 615	205	2, 871	2, 997
Washington	739, 138	1, 029, 949	150, 016	238, 275	299, 109	276, 530	174	554	560
Oregon	490, 820	599, 201	99, 713	146, 847	185, 171	166, 639	170	331	307
California	4, 694, 152	6, 734, 059	434, 002	763, 638	1, 205, 466	1, 310, 446	219	1, 986	2, 130

Source: Bureau of the Census, Department of Commerce.

No. 395.—TELEPHONE SYSTEMS: Total Number of Telephones and Miles of Wire, all Systems, and Number of Telephones in the Bell System

Dec. 31—	Total telephones [1]	Total miles of wire [1]	Telephones in Bell System [2]	Dec. 31—	Total telephones [1]	Total miles of wire [1]	Telephones in Bell System [2]
1895	339, 500	722, 000	309, 502	1926	17, 746, 000	57, 960, 000	17, 574, 252
1900	1, 355, 900	2, 807, 000	855, 911	1927	[3] 18, 522, 767	[3] 63, 836, 182	18, 365, 486
1905	4, 126, 900	8, 470, 000	2, 530, 924	1928	19, 341, 000	69, 130, 000	19, 197, 035
1910	7, 635, 400	16, 937, 000	5, 882, 719	1929	20, 068, 000	76, 460, 000	19, 958, 000
1915	10, 523, 500	24, 792, 000	9, 172, 495	1930	20, 201, 000	83, 110, 000	20, 098, 059
1919	12, 668, 500	30, 413, 000	11, 795, 747	1931	19, 690, 000	86, 100, 000	19, 596, 000
1920	13, 329, 400	32, 000, 000	12, 601, 935	1932	[3] 17, 424, 406	[3] 87, 677, 586	17, 341, 000
1921	13, 875, 200	34, 000, 000	13, 380, 219	1933	16, 711, 000	87, 000, 000	16, 635, 000
1922	[3] 14, 347, 395	[3] 37, 265, 958	14, 050, 565	1934	[4] 16, 899, 000	86, 800, 000	[4] 16, 797, 000
1923	15, 369, 500	41, 400, 000	15, 000, 101	1935	[4] 17, 424, 000	87, 200, 000	[4] 17, 354, 000
1924	16, 072, 500	46, 500, 000	15, 906, 550	1936	[4] 18, 433, 000	88, 100, 000	[4] 18, 362, 000
1925	16, 935, 900	52, 200, 000	16, 720, 224	1937	[4] 19, 450, 000	90, 500, 000	[4] 19, 382, 000

[1] Partly estimated, except as indicated.
[2] Bell-owned and Bell-connecting (owned by other companies).
[3] From Bureau of the Census.
[4] Excludes 80,000 Bell private-line telephones in 1934, 79,000 in 1935, 81,000 in 1936, and 82,000 in 1937. Prior to 1934 private-line telephones were included.

Source: American Telephone & Telegraph Co.

No. 396.—AMERICAN TELEPHONE & TELEGRAPH CO. AND PRINCIPAL TELEPHONE SUBSIDIARIES (BELL TELEPHONE SYSTEM): Summary of Statistics as of December 31

	1920	1925	1930	1935	1936	1937
Telephones (thousands)	8, 134	11, 910	15, 187	13, 573	14, 454	15, 332
Central offices (number)	5, 767	6, 147	6, 639	6, 896	6, 921	6, 945
Miles of pole line	362, 481	394, 529	428, 212	407, 454	404, 161	403, 120
Miles of wire, total (thousands)	24, 863	44, 943	74, 124	78, 626	79, 373	81, 583
In underground cable	14, 207	27, 769	45, 116	47, 639	48, 195	49, 527
In aerial cable	6, 945	12, 835	23, 777	26, 425	26, 639	27, 470
Open wire	3, 711	4, 339	5, 231	4, 562	4, 539	4, 586
Percent total wire mileage in cable	85. 1	90. 3	92. 9	94. 2	94. 3	94. 4
Average daily telephone conversations (thousands)	33, 125	50, 141	64, 034	60, 290	64, 975	68, 790
Exchange	31, 818	48, 051	61, 150	58, 066	62, 485	66, 210
Toll and long distance	1, 307	2, 090	2, 884	2, 224	2, 490	2, 580
Total plant (thousand dollars)	1, 373, 802	2, 566, 809	4, 028, 836	4, 187, 790	4, 259, 263	4, 389, 549
Employees (number)	228, 943	292, 902	318, 119	241, 169	255, 814	268, 482

Source: American Telephone & Telegraph Co.

No. 397.—TELEPHONE SYSTEMS—DEVELOPMENT FROM 1926 TO 1937, INCLUSIVE, OF CLASS A CARRIERS WHICH REPORTED FOR 1937

NOTE.—Class A telephone carriers are those carriers whose average annual operating revenues exceeded $100,000. The gross operating revenues of these identical carriers in 1932 represented approximately 95 percent of the revenues of all telephone carriers as reported for the Census of Electrical Industries for that year. (See table 393.) The figures include data for carriers consolidated and merged prior to 1937, so far as annual data are available. Intercorporate duplications have not been excluded.

Year	Miles of wire (thousands) [1]	Number of telephones (thousands)	Employees		Operating revenues	Operating expenses	Operating taxes	Net operating income	Investment in telephone plant	
			Number on Dec. 31	Total compensation					Plant and equipment, total	Investment less depreciation
				Thousands of dollars						
1926	54,630	14,389	322,793	(2)	880,085	539,644	73,342	211,719	2,976,014	2,374,227
1927	60,462	15,203	328,140	(2)	948,849	637,605	79,539	225,777	3,217,579	2,592,630
1928	65,900	16,044	350,159	(2)	1,032,572	691,317	84,859	249,952	3,483,471	2,808,638
1929	73,678	16,991	387,166	(2)	1,133,081	766,268	87,151	272,290	3,864,539	3,139,996
1930	80,577	17,108	346,511	(2)	1,167,200	804,354	89,822	263,768	4,220,599	3,457,882
1931	84,353	16,815	314,934	(2)	1,137,236	768,626	94,005	265,476	4,388,148	3,573,508
1932	85,926	15,000	284,633	(2)	1,011,244	690,245	89,663	218,095	4,427,116	3,580,468
1933 [3]	82,369	14,311	267,268	369,428	933,469	666,878	87,902	178,588	4,436,497	3,506,404
1934	82,142	14,635	267,817	386,029	944,850	665,637	92,596	186,528	4,445,732	3,437,293
1935	82,492	15,130	265,053	402,137	997,325	702,568	98,996	195,694	4,463,652	3,360,641
1936	83,323	16,060	281,243	433,363	1,076,619	721,975	121,341	233,256	4,540,690	3,352,221
1937 [3]	85,525	17,005	295,088	488,798	1,138,133	774,549	142,167	221,416	4,678,893	3,416,722

[1] The revision of the instructions in 1933 concerning the reporting of wire mileage by telephone carriers accounts for most of the decrease shown for that year.

[2] Data not reported.

[3] In comparing figures in this table, consideration should be given to the effect of the revision of the Uniform System of Accounts, First Revised Issue, and the issue of June 19, 1935, as amended, resulting in certain changes and rearrangements of both the balance sheet and the income statement.

Source: Federal Communications Commission.

No. 398.—RADIOTELEGRAPH CARRIERS: REPORTS TO THE FEDERAL COMMUNICATIONS COMMISSION

NOTE.—For Census data relating to wireless telegraph systems, 1907–1927, see the 1935 Statistical Abstract, table 377

[All money figures in thousands of dollars]

	1934	1935	1936	1937
Operating revenues	7,428	7,963	8,843	10,733
Operating expenses	7,023	7,844	8,303	9,096
Tax accruals	279	214	397	676
Operating income	166	[1] *275*	172	727
Net income	[1] *141*	[1] *641*	[1] *46*	973
Revenue messages transmitted (thousands)	5,086	6,876	8,421	9,811
Number of employees on June 30	2,362	2,815	3,026	3,143
Total compensation for year	4,042	4,205	4,569	5,185
Investment in plant and equipment	30,906	31,420	31,353	32,633
Capital stock	7,466	7,667	8,695	8,784
Unmatured funded debt	3,789	4,144	968	3,580

[1] Deficit.

Source: Federal Communications Commission.

No. 399.—TELEGRAPH AND CABLE SYSTEMS: Reports to the Interstate Commerce Commission and to the Federal Communications Commission

[All money figures in thousands of dollars]

Year	Miles of wire (thousands)	Investments		Operating revenues	Operating ratio (per cent)[1]	Operating income	Net income	Dividends	Employees	
		Plant and equipment	Other						Number on June 30	Total compensation
All companies:										
1916	1,936	149,936	(2)	74,847	73.77	(2)	13,955	6,066	(2)	(2)
1920	1,781	258,097	21,275	153,264	(2)	21,512	16,158	11,471	(2)	(2)
1923	1,894	288,481	27,001	144,610	81.11	21,025	16,656	9,309	(2)	(2)
1924	1,946	307,143	27,565	146,176	81.94	20,229	15,805	9,386	(2)	(2)
1925	2,075	321,687	28,191	162,693	81.64	23,204	18,854	9,066	81,601	(2)
1926	2,056	338,794	27,017	165,831	82.81	21,767	16,806	10,750	83,437	(2)
1927	2,207	379,514	27,434	170,843	80.58	25,714	21,046	11,618	81,323	(2)
1928	2,317	396,609	32,190	177,019	81.18	26,335	21,662	11,680	83,027	(2)
1929	2,365	411,725	54,285	188,574	82.59	26,333	21,611	18,828	92,958	(2)
1930	2,381	450,223	38,640	169,643	86.16	17,930	10,730	20,073	90,349	(2)
1931	2,349	463,171	25,498	142,792	87.78	12,662	4,029	9,588	77,559	(2)
1932	2,337	465,639	22,417	110,302	89.88	6,168	[3] *3,123*	2,461	65,116	(2)
1933	2,353	466,701	24,637	109,040	85.02	11,124	2,805	816	62,342	64,719
1934	2,399	501,754	55,057	119,053	86.35	11,024	1,058	1,796	68,621	73,129
1935	2,401	501,141	54,514	122,208	83.93	14,426	4,251	4,816	66,172	72,171
1936	2,426	502,005	55,202	132,699	82.89	16,818	6,928	1,845	69,998	78,483
1937	2,429	504,251	53,353	135,567	86.61	10,734	1,311	3,096	73,399	85,228
Western Union Co.: 1937	1,913	332,041	19,232	100,483	85.22	9,082	3,326	1,568	51,780	65,808
Postal Telegraph-Cable Co. (land line system): 1937	407	83,158	1,058	23,347	98.20	[3] *588*	[3] *3,510*	--------	17,839	14,685

[1] Ratio of operating expenses to operating revenues.
[2] No data. [3] Deficit.

Source: Interstate Commerce Commission, 1916 to 1933; Federal Communications Commission thereafter.

No. 400.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS COMBINED: Equipment, Traffic, Employees, and Finances

	1902	1912	1917	1922	1927	1932
Miles of pole line[1]	237,990	247,528	241,128	252,991	256,809	256,661
Miles of single wire[2]	1,318,350	1,814,196	1,890,245	1,853,250	2,145,897	2,266,054
Aerial	(3)	(3)	1,809,482	1,718,251	1,940,069	1,956,003
Underground	(3)	(3)	77,187	131,448	200,979	303,912
Submarine	(3)	(3)	3,576	3,551	4,849	6,139
Nautical miles of ocean cable	16,677	67,676	71,251	76,711	99,074	96,468
Number of offices	27,377	30,864	28,940	27,354	27,666	26,047
Operated jointly with railway companies	(3)	26,247	23,272	21,906	21,449	18,816
Messages sent (thousands)	91,655	109,378	[4] 127,074	191,121	229,582	158,378
Governmental	(3)	(3)	4,597	3,199	2,732	3,655
Full commercial rate	(3)	(3)	110,618	175,847	214,164	146,162
Contract rate and free	(3)	(3)	11,858	12,075	12,686	8,561
Number of employees	27,627	[5] 44,811	64,723	68,632	81,498	66,723
Salaries and wages ($1,000)	15,040	[5] 24,965	43,764	76,162	99,520	73,949
Revenue, operating ($1,000)	35,301	60,403	106,990	146,805	177,589	114,656
Investment in plant and equipment ($1,000)	161,680	222,047	243,358	326,662	426,699	506,445

[1] Exclusive of pole line owned and operated wholly by railway companies.
[2] Exclusive of wire owned and operated wholly by railway companies, as follows: Reported by all railway companies, 1912, 314,329 miles; reported by railway companies having annual operating revenues of $1,000,000 or more, 1917, 344,110 miles; 1922, 285,002 miles; 1927, 333,898 miles; 1932, 337,059 miles. No data for 1902.
[3] Figures not available. [4] Excluding 31,102,577 lettergrams not distributed according to rate.
[5] The number of employees includes 7,516 messengers whose wages are not included in figure for salaries and wages.

Source: Bureau of the Census, Department of Commerce.

No. 401.—LAND AND OCEAN-CABLE TELEGRAPH SYSTEMS: Equipment, Traffic, Employees, and Finances

	Land systems				Ocean systems			
	1917	1922	1927	1932	1917	1922	1927	1932
Miles of pole line [1]	241,012	252,991	254,720	256,215	116	-------	2,089	446
Miles of single wire [2]	1,888,793	1,845,237	2,138,259	2,259,827	1,452	8,013	7,638	6,227
Aerial	1,808,325	1,714,211	1,936,611	1,952,432	1,157	4,040	3,458	3,571
Underground	76,892	127,475	197,058	301,560	295	3,973	3,921	2,352
Submarine	3,576	3,551	4,590	5,835	-------	-------	259	304
Nautical miles of ocean cable	-------	-------	-------	-------	71,251	76,711	99,074	96,468
Number of offices	28,826	27,214	27,530	25,901	114	140	136	146
Operated jointly with railway companies	23,272	21,906	21,449	18,816	-------	-------	-------	-------
Messages sent, thousands	[3] 120,623	181,519	215,595	147,941	6,451	9,603	13,987	10,437
Governmental	4,309	3,130	2,657	3,583	288	69	75	72
Full commercial rate	106,159	166,730	200,381	135,797	4,459	9,117	13,783	10,365
Contract rate and free	10,154	11,659	12,557	8,561	1,704	417	129	-------
Number of employees	60,376	62,299	74,903	60,933	4,347	6,333	6,595	5,790
Salaries and wages ($1,000)	40,512	68,737	89,984	66,988	3,252	7,425	9,536	6,961
Revenue, operating ($1,000)	91,313	128,631	159,682	97,729	15,677	18,174	17,907	16,927
Investment in plant and equipment ($1,000)	[4] 163,488	254,030	338,143	415,694	[5] 70,871	72,632	88,556	90,751

[1] Exclusive of pole line owned and operated wholly by railway companies.
[2] Exclusive of wire owned and operated wholly by railway companies having annual operating revenues of $1,000,000 or more: 1917, 344,110 miles; 1922, 285,002 miles; 1927, 333,898 miles; 1932, 337,059 miles.
[3] In addition, 31,102,577 lettergrams, not distributed according to rate, were reported.
[4] Not including land-line system plant and equipment to the value of $20,000,000 reported as cable-system plant and equipment for 1917.
[5] Includes land-line-system plant and equipment to the value of $20,000,000.

No. 402.—WESTERN UNION TELEGRAPH CO.: Mileage of Lines and Wires, Number of Offices, and Finances

Year ended—	Miles of pole line and cable	Miles of wire	Number of offices	Receipts	Expenses	Net income[1]
June 30—				*Dollars*	*Dollars*	*Dollars*
1867	46,270	85,291	2,565	6,568,925	3,944,006	2,624,920
1870	54,109	112,191	3,972	7,138,738	4,910,772	2,227,966
1875	72,833	179,496	6,565	9,564,575	6,335,415	3,229,158
1880	85,645	233,534	9,077	12,782,895	6,948,957	5,833,938
1885	147,500	462,283	14,184	17,706,834	12,005,910	5,700,924
1890	183,917	678,997	19,382	22,387,029	15,074,304	7,312,725
1895	189,714	802,651	21,360	22,218,019	16,076,630	6,141,389
1900	192,705	933,153	22,900	24,758,570	18,593,206	6,165,364
1905	200,224	1,184,557	23,814	29,033,635	21,845,570	7,188,065
1910	214,360	1,429,049	24,825	33,889,202	26,614,302	7,274,900
Dec. 31—						
1915	238,940	1,610,709	25,142	52,475,721	40,972,541	11,503,180
1920	246,214	1,449,710	24,881	121,473,685	108,134,041	13,339,644
1921	246,064	1,521,085	24,632	105,228,075	95,542,563	9,685,512
1922	242,729	1,534,009	24,580	107,116,306	93,910,954	13,205,352
1923	244,001	1,557,399	24,678	113,628,470	99,982,165	13,646,305
1924	246,742	1,593,963	24,478	115,235,563	101,815,734	13,419,829
1925	246,307	1,635,236	24,428	129,151,617	112,861,832	16,289,785
1926	249,916	1,668,293	24,688	136,406,026	121,098,832	15,307,194
1927	251,756	1,783,140	24,765	134,460,816	119,328,218	15,132,598
1928	255,088	1,889,632	24,842	139,387,321	123,817,517	15,569,804
1929	256,044	1,934,020	25,061	148,449,854	132,872,815	15,577,039
1930	256,763	1,948,938	24,298	133,235,751	123,987,519	9,248,232
1931	258,652	1,913,485	23,490	110,547,245	104,572,745	5,974,500
1932	258,020	1,899,174	21,950	84,581,963	85,412,568	[2] *830,605*
1933	257,274	1,902,327	21,261	84,993,425	80,628,543	4,364,882
1934	255,781	1,902,799	21,078	88,757,205	86,514,121	2,243,084
1935	254,691	1,905,858	20,964	91,389,312	86,131,234	5,258,078
1936	253,745	1,908,915	20,968	100,036,603	92,837,483	7,199,120
1937	253,367	1,913,452	20,445	102,076,710	98,750,941	3,325,769

[1] Figures for 1915 and prior years represent net income before bond interest. [2] Deficit.

Sources: Table 401, Bureau of the Census, Department of Commerce; table 402, Western Union Telegraph Co.

17.—POWER—ELECTRIC AND OTHER

[Data in this section relate to continental United States]

No. 403.—ANNUAL SUPPLY OF ENERGY FROM MINERAL FUELS AND WATER POWER IN THE UNITED STATES

NOTE.—The figures, except coal equivalent, represent the equivalent of the heating power of the classes of fuel in trillions of British thermal units. Data represent production, except those for oil imports, and take no account of exports, imports, or changes in stocks

Annual average or year	Anthracite	Bituminous	Total coal	Domestic oil	Natural gas	Imported oil	Water power [1]	Grand total fuels and water power	Equivalent in bituminous coal [2]	
									Million tons of 2,000 lbs.	Per capita, tons
1871-75	637	754	1,391	49	--------	--------	(1)	1,520	58	1.4
1876-80	718	955	1,673	101	--------	--------	(1)	1,857	71	1.5
1881-85	985	1,863	2,848	153	[3] 24	--------	(1)	3,110	119	2.2
1886-90	1,195	2,474	3,669	198	[3] 264	--------	(1)	4,221	161	2.7
1891-95	1,453	3,286	4,739	307	[3] 166	--------	104	5,316	203	3.0
1896-1900	1,513	4,493	6,006	357	[3] 198	--------	129	6,690	255	3.5
1901-05	1,818	7,140	8,958	612	323	--------	209	10,102	386	4.8
1906-10	2,207	9,783	11,990	1,037	470	1	369	13,867	529	5.9
1911-15	2,427	11,527	13,954	1,486	619	72	591	16,722	638	6.6
1916-20	2,523	13,981	16,504	2,176	820	297	851	20,648	788	7.6
1921-25	2,112	12,610	14,722	3,888	1,024	569	1,105	21,308	813	7.3
1926-30	2,084	13,595	15,679	5,375	1,760	408	1,781	25,002	954	8.0
1931-35	1,460	9,207	10,667	5,336	1,824	230	1,931	19,988	763	6.1
1933	1,348	8,741	10,089	5,434	1,672	191	1,931	19,317	737	5.9
1934	1,555	9,415	10,970	5,448	1,904	213	1,896	20,431	780	6.2
1935	1,419	9,756	11,175	5,980	2,060	193	2,207	21,615	825	6.5
1936	[4] 1,485	11,504	12,989	6,598	2,330	194	[5] 2,256	24,367	930	7.3
1937 (preliminary)	[4] 1,385	11,592	12,977	7,666	2,526	165	2,405	25,739	982	7.7

[1] Fuel equivalent is calculated from kilowatt-hours of power produced wherever available, as is true of all public-utility plants since 1919. Otherwise fuel equivalent is calculated from reported horsepower of installed water wheels. Prior to 1890 data were unsatisfactory, but estimates are included in total.
[2] Calculated at 26,200,000 British thermal units per ton.
[3] Based on amount of coal displaced by gas, as estimated by gas companies.
[4] Not including bootleg or stolen coal; if this were included energy for anthracite and total energy in 1936 and 1937 would be increased by approximately 65 trillion B. t. u.
[5] Subject to revision.

No. 404.—INSTALLED CAPACITY OF ELECTRIC GENERATING PLANTS IN THE UNITED STATES BY TYPE OF PRIME MOVER, 1920 TO 1937

NOTE.—In kilowatts. See headnote, table 405

Year	Total	Type of prime mover			Hydro as percent of total
		Hydro	Steam	Internal combustion	
1920	14,275,719	3,690,305	10,490,944	94,470	25.9
1921	15,185,724	3,869,360	11,221,724	94,640	25.5
1922	15,853,623	4,104,570	11,646,655	102,398	25.9
1923	17,336,828	4,501,234	12,721,552	114,042	26.0
1924	19,397,086	5,053,491	14,216,155	127,440	26.1
1925	23,416,160	6,062,959	17,166,896	186,305	25.9
1926	25,296,432	6,551,456	18,551,524	193,452	25.9
1927	26,913,125	7,026,353	19,683,534	203,238	26.1
1928	29,605,529	7,952,283	21,335,347	317,899	26.9
1929	31,514,103	8,057,991	23,129,693	326,419	25.6
1930	33,962,489	8,848,190	24,695,862	418,437	26.1
1931	35,276,834	9,351,941	25,474,380	450,513	26.5
1932	35,898,487	9,490,179	25,921,209	487,099	26.4
1933	36,150,086	9,643,233	26,008,665	498,188	26.7
1934	35,698,242	9,648,909	25,524,206	525,127	27.0
1935	35,981,612	9,702,308	25,708,209	571,095	27.0
1936	36,467,052	10,339,103	25,519,062	608,887	28.4
1937	37,032,112	10,474,344	25,872,720	685,048	28.3

Sources: Table 403, Bureau of Mines, Department of the Interior; table 404, Federal Power Commission.

No. 405.—ELECTRIC ENERGY: PRODUCTION IN THE UNITED STATES BY TYPE OF PRIME MOVER, 1920 TO 1937

NOTE.—**In millions of kilowatt-hours.** Figures in this table and those in table 404 and in tables 406 to 409 are based on the operation of approximately 3,793 power plants in 1937 and represent the net output of the following types of plants: Privately owned electric utilities, municipally owned electric utilities, Bureau of Reclamation, miscellaneous Federal, State, and other projects, electric railway, electrified steam railroad, and that portion of the output of manufacturing plants which is generated for public use. The output of manufacturing plants generating exclusively for private use is not included.

Year	Total	Type of prime mover			Hydro as percent of total	Year	Total	Type of prime mover			Hydro as percent of total
		Hydro	Steam	Internal combustion				Hydro	Steam	Internal combustion	
1920	42,664	15,279	27,218	167	35.8	1929	95,165	32,431	62,160	574	34.1
1921	40,584	14,578	25,831	175	35.9	1930	93,855	30,942	62,278	636	33.0
1922	47,072	16,643	30,238	191	35.4	1931	90,090	28,941	60,505	644	32.1
1923	54,858	18,536	36,113	209	33.8	1932	81,828	32,773	48,457	598	40.1
1924	58,137	19,095	38,809	233	32.8	1933	84,176	33,498	50,094	584	39.8
1925	65,012	21,494	43,223	295	33.1	1934	90,220	33,128	56,451	642	36.7
1926	73,055	25,438	47,279	338	34.8	1935	97,811	38,381	58,650	780	39.2
1927	78,580	28,243	49,997	339	35.9	1936	111,431	38,766	71,756	909	34.8
1928	85,768	32,599	52,609	560	38.0	1937	121,050	43,702	76,330	1,018	36.1

No. 406.—INSTALLED CAPACITY OF ELECTRIC GENERATING PLANTS IN THE UNITED STATES BY CLASS OF OWNERSHIP, 1920 TO 1937

NOTE.—**In thousands of kilowatts.** See headnote, table 405.

Year	Total	Privately owned electric utilities	Publicly owned electric utilities				Electric railways and railroads	Manufacturing
			Total	Municipally owned	Bureau of Reclamation	Miscellaneous Federal, State, and other public projects		
1920	14,276	11,672	690	653	10	27	1,800	113
1921	15,186	12,485	720	683	9	28	1,886	95
1922	15,854	13,106	773	735	10	28	1,887	88
1923	17,337	14,474	855	801	14	39	1,908	100
1924	19,397	16,427	940	876	14	51	1,895	135
1925	23,416	19,730	1,426	1,104	14	309	1,992	268
1926	25,206	21,509	1,566	1,185	22	359	1,947	274
1927	26,913	23,096	1,657	1,242	25	390	1,788	372
1928	29,606	25,671	1,809	1,367	29	413	1,676	449
1929	31,514	27,633	1,886	1,440	30	416	1,575	420
1930	33,962	29,988	2,093	1,624	32	436	1,439	442
1931	35,277	31,201	2,194	1,719	37	438	1,447	434
1932	35,898	31,736	2,348	1,871	38	439	1,423	392
1933	36,150	31,823	2,416	1,940	38	439	1,404	507
1934	35,698	31,205	2,566	2,020	38	508	1,430	497
1935	35,982	31,479	2,609	2,058	38	513	1,396	498
1936	36,467	31,435	3,290	2,226	407	656	1,247	495
1937	37,032	31,606	3,659	2,526	407	725	1,228	539

Source of tables 405 and 406: Federal Power Commission.

No. 407.—ELECTRIC ENERGY: PRODUCTION IN THE UNITED STATES BY CLASS OF OWNERSHIP, 1920 TO 1937

NOTE.—In millions of kilowatt-hours. See headnote, table 405

Year	Total, all classes	Privately owned electric utilities	Publicly owned electric utilities				Electric railways and railroads	Manufacturing
			Total	Municipally owned	Bureau of Reclamation	Miscellaneous Federal, State, and other public projects		
1920	42, 664	36, 624	1, 687	1, 510	58	119	4, 178	176
1921	40, 584	34, 752	1, 721	1, 558	51	113	3, 950	161
1922	47, 072	40, 782	1, 968	1, 785	56	127	4, 106	216
1923	54, 858	47, 875	2, 182	1, 999	63	120	4, 480	321
1924	58, 137	51, 064	2, 345	2, 101	57	186	4, 333	395
1925	65, 012	57, 424	2, 764	2, 266	59	440	4, 339	485
1926	73, 055	64, 295	3, 869	2, 495	79	1, 295	4, 315	576
1927	78, 580	69, 579	4, 482	2, 733	104	1, 645	3, 785	734
1928	85, 768	76, 841	4, 569	3, 051	134	1, 384	3, 611	748
1929	95, 165	86, 148	4, 661	3, 410	128	1, 123	3, 576	780
1930	93, 855	84, 691	4, 978	3, 482	147	1, 349	3, 379	807
1931	90, 090	81, 313	4, 731	3, 483	143	1, 105	3, 241	804
1932	81, 828	73, 329	4, 885	3, 342	150	1, 392	3, 006	607
1933	84, 176	75, 331	5, 043	3, 552	168	1, 323	2, 876	926
1934	90, 220	80, 706	5, 154	3, 785	152	1, 217	2, 979	1, 381
1935	97, 811	87, 844	5, 924	4, 204	156	1, 565	2, 955	1, 087
1936	111, 431	100, 656	6, 994	4, 692	283	2, 018	2, 821	962
1937	121, 050	108, 777	8, 434	5, 179	1, 326	1, 928	2, 762	1, 077

No. 408.—CONSUMPTION OF FUEL FOR PRODUCTION OF ELECTRIC ENERGY IN THE UNITED STATES, 1920 TO 1937

NOTE.—See headnote, table 405

Calendar year	Consumption of fuel			Consumption of coal and coal equivalent of other fuels (thousand tons [1] [3])	Output by fuels (million kilowatt-hours [4])	Consumption per kilowatt-hour (pounds)
	Coal (thousand tons [1])	Fuel oil (thousand barrels [2])	Gas (million cubic feet)			
1920	42, 938	10, 466	21, 861	46, 154	27, 228	3. 39
1921	31, 575	12, 046	23, 716	34, 916	25, 864	2. 70
1922	34, 171	13, 224	27, 181	37, 770	30, 216	2. 50
1923	38, 966	14, 681	31, 486	43, 306	36, 088	2. 40
1924	37, 563	16, 643	48, 465	42, 687	38, 806	2. 20
1925	40, 217	10, 264	46, 526	45, 431	43, 268	2. 10
1926	41, 329	9, 430	53, 694	46, 107	47, 289	1. 95
1927	41, 887	6, 784	62, 922	46, 001	50, 001	1. 84
1928	41, 390	7, 154	77, 426	46, 471	52, 808	1. 76
1929	44, 934	10, 185	112, 621	52, 639	62, 295	1. 69
1930	42, 910	9, 263	120, 297	50, 636	62, 513	1. 62
1931	38, 714	8, 129	139, 274	47, 113	60, 791	1. 55
1932	30, 296	7, 967	107, 840	36, 698	48, 031	1. 50
1933	30, 575	9, 953	102, 726	37, 151	50, 546	1. 47
1934	33, 561	10, 391	127, 892	41, 832	56, 914	1. 47
1935	34, 164	11, 378	125, 239	43, 198	59, 176	1. 46
1936	42, 025	14, 119	156, 080	51, 987	72, 188	1. 44
1937	44, 766	14, 143	171, 268	55, 142	76, 883	1. 43

[1] Of 2,000 pounds.
[2] Of 42 gallons.
[3] Includes fuel used for standby purposes.
[4] Output by use of wood not included.

Source of tables 407 and 408: Federal Power Commission.

No. 409.—CAPACITY OF GENERATORS AND PRODUCTION OF ELECTRIC ENERGY, BY STATES, 1937

NOTE.—Capacity of generators in thousands of kilowatts; production in millions of kilowatt-hours. See headnote, table 405

Division and State	Capacity of generators, Dec. 31, 1937							Production of electric energy		
	Total	One type prime mover			Combination of two or more types			Total	Generated by water power	Generated by fuel power
		Water power	Steam power	Internal combustion engines	Water power	Steam power	Internal combustion engines			
United States	37,032	10,254	25,426	586	220	447	99	121,050	43,702	77,348
New England	2,920	829	1,967	9	20	93	2	7,842	3,234	4,608
Maine	233	175	55	1	1	1	1	858	809	49
New Hampshire	299	234	42	1	3	20	(1)	762	706	56
Vermont	187	172	10	--------	2	3	(1)	642	641	1
Massachusetts	1,322	155	1,093	6	12	55	1	3,170	691	2,479
Rhode Island	245	3	241	(1)	--------	--------	--------	649	11	638
Connecticut	634	90	526	1	2	15	--------	1,761	376	1,385
Middle Atlantic	9,178	1,385	7,601	28	122	37	6	30,837	8,191	22,646
New York	5,219	1,103	4,087	17	5	3	5	16,562	6,147	10,415
New Jersey	1,072	1	1,059	3	4	5	(1)	3,810	30	3,780
Pennsylvania	2,887	281	2,455	8	113	29	1	10,465	2,014	8,451
East North Central	8,183	632	7,365	40	12	123	12	28,404	2,312	26,092
Ohio	2,194	12	2,171	8	1	2	--------	8,173	37	8,136
Indiana	1,040	35	997	7	--------	(1)	(1)	3,813	149	3,664
Illinois	2,337	47	2,191	9	3	85	2	8,049	250	7,799
Michigan	1,696	303	1,372	9	2	4	6	5,694	987	4,707
Wisconsin	916	235	633	7	6	31	3	2,675	889	1,786
West North Central	2,852	476	2,057	209	13	69	28	7,771	1,955	5,816
Minnesota	621	155	444	13	2	3	4	1,662	583	1,079
Iowa	619	124	394	41	4	51	6	1,908	724	1,184
Missouri	745	151	552	41	--------	1	1	1,873	580	1,293
North Dakota	72	--------	66	6	--------	--------	--------	200	--------	200
South Dakota	73	4	43	22	--------	1	3	144	9	135
Nebraska	298	36	212	31	5	5	10	711	37	674
Kansas	424	8	347	54	2	9	4	1,273	22	1,251
South Atlantic	4,480	1,923	2,368	56	39	83	11	14,133	7,158	6,975
Delaware	35	--------	31	3	--------	--------	--------	11	--------	11
Maryland	595	271	316	5	--------	1	2	2,276	1,626	650
Dist. of Columbia	222	2	220	--------	--------	--------	--------	694	12	682
Virginia	474	82	303	6	16	67	1	1,745	433	1,312
West Virginia	675	91	579	4	(1)	(1)	(1)	2,906	364	2,542
North Carolina	993	651	334	5	1	(1)	2	2,086	1,672	414
South Carolina	633	488	125	2	12	5	(1)	1,747	1,615	132
Georgia	476	323	134	2	10	5	1	1,742	1,387	355
Florida	377	14	325	29	(1)	4	5	926	49	877
East South Central	1,849	1,093	728	25	(1)	2	2	5,138	3,539	1,599
Kentucky	337	105	228	2	(1)	1	1	889	309	580
Tennessee	531	319	208	3	--------	(1)	(1)	1,404	823	581
Alabama	917	670	243	4	--------	--------	--------	2,768	2,407	361
Mississippi	64	--------	49	14	--------	1	1	77	--------	77
West South Central	1,766	101	1,489	139	1	26	10	6,388	261	6,127
Arkansas	156	67	78	10	--------	(1)	1	278	151	127
Louisiana	315	--------	291	21	--------	1	1	1,668	--------	1,668
Oklahoma	331	1	289	38	(1)	1	2	1,099	2	1,097
Texas	964	33	830	70	(1)	24	7	3,343	108	3,235
Mountain	1,662	1,152	422	42	8	14	24	5,778	4,388	1,390
Montana	276	265	7	2	(1)	1	1	1,320	1,298	22
Idaho	258	254	1	2	2	--------	1	972	971	1
Wyoming	52	15	32	4	1	(1)	(1)	131	42	89
Colorado	253	63	180	7	1	(1)	1	721	219	502
New Mexico	96	(1)	78	14	1	1	1	256	2	254
Arizona	226	127	65	9	--------	7	17	718	421	297
Utah	157	90	60	2	2	(1)	3	507	293	214
Nevada	344	339	--------	2	(1)	3	(1)	1,153	1,142	11
Pacific	4,142	2,662	1,430	40	5	1	4	14,759	12,664	2,095
Washington	1,009	792	212	1	2	1	1	3,735	3,291	444
Oregon	360	176	177	2	2	1	3	1,392	1,008	384
California	2,773	1,694	1,041	36	1	--------	1	9,632	8,365	1,267

[1] Less than 500.

Source: Federal Power Commission.

No. 410.—CENTRAL ELECTRIC STATIONS: STATISTICS OF

[See headnote

Division and State	Horsepower of prime movers (thousands)				Thousands of kilowatt-hours generated			
	Total		Steam engines and turbines and internal-combustion engines, 1932	Water wheels and hydro-turbines, 1932	1912	1917	1922	1927
	1927	1932						
Continental U.S.	35,710	47,967	34,435	13,532	11,569,110	25,438,303	40,291,536	74,686,378
New England	3,009	3,643	2,422	1,221	865,380	1,835,584	2,969,971	4,750,194
Maine	252	353	75	278	117,093	165,504	278,456	560,664
New Hampshire	157	421	85	336	126,594	160,456	94,864	226,444
Vermont	204	[1] 599	[1] 344	[1] 255	42,660	65,080	217,718	338,528
Massachusetts	1,529	1,590	1,354	236	386,254	937,125	1,493,328	2,245,301
Rhode Island	264	(1)	(1)	(1)	62,107	161,856	341,592	411,074
Connecticut	603	680	564	116	130,672	345,563	544,013	968,182
Middle Atlantic	8,615	11,310	9,250	2,060	3,548,605	7,659,318	10,765,515	19,281,645
New York	4,212	6,276	4,689	1,587	2,175,049	3,828,592	5,430,772	9,917,686
New Jersey	1,004	1,426	1,419	7	383,891	781,231	1,058,090	1,861,985
Pennsylvania	3,399	3,608	3,142	466	989,665	3,049,495	4,276,653	7,501,975
East North Central	8,663	11,366	10,393	973	2,527,964	5,757,150	9,368,260	18,211,895
Ohio	2,354	2,917	2,895	22	399,101	1,083,514	2,404,492	4,724,016
Indiana	870	1,331	1,282	49	236,944	441,423	795,271	1,746,153
Illinois	2,904	3,698	3,623	75	1,150,900	2,210,373	3,089,504	6,075,352
Michigan	1,619	2,235	1,773	462	525,616	1,504,240	2,102,686	3,773,636
Wisconsin	921	1,185	820	365	215,403	517,600	976,307	1,892,737
West North Central	2,671	3,655	3,022	633	712,595	1,776,475	2,968,757	4,549,264
Minnesota	516	659	484	175	186,045	440,932	588,838	843,357
Iowa	649	843	632	211	67,166	614,809	858,543	1,429,170
Missouri	648	1,022	817	205	232,829	266,431	700,642	891,179
North Dakota	56	104	104	----------	12,298	22,978	40,221	59,409
South Dakota	70	99	92	7	24,704	31,810	61,524	90,407
Nebraska	250	349	329	20	56,300	129,531	245,919	405,056
Kansas	482	579	564	15	133,253	269,984	473,070	830,685
South Atlantic	4,394	6,130	3,295	2,835	729,896	1,745,295	3,789,434	8,445,217
Delaware, Maryland, Dist. of Columbia	695	1,227	825	402	118,035	326,440	622,359	1,102,188
Virginia	502	568	438	130	28,724	107,581	319,206	973,766
West Virginia	755	731	648	83	42,345	204,108	1,199,378	1,902,820
North Carolina	773	1,381	476	905	70,552	371,711	404,428	2,036,122
South Carolina	700	940	199	741	356,772	500,431	844,417	1,116,267
Georgia	609	748	196	552	87,572	184,136	268,256	746,074
Florida	360	535	513	22	25,896	50,888	131,390	567,980
East South Central	1,447	2,051	1,026	1,025	227,665	1,048,815	1,419,834	2,777,268
Kentucky	395	455	314	141	75,593	122,631	231,507	505,564
Tennessee	456	579	289	290	75,545	564,914	492,507	936,874
Alabama	508	926	332	594	48,603	330,772	633,883	1,270,159
Mississippi	88	91	91	----------	27,924	30,498	61,937	64,671
West South Central	1,563	2,472	2,351	121	233,948	482,646	1,041,393	3,275,021
Arkansas	131	207	118	89	17,787	38,645	84,469	174,198
Louisiana	277	467	467	----------	18,328	26,009	52,156	634,594
Oklahoma	300	471	468	3	48,824	100,738	242,509	654,513
Texas	855	1,327	1,298	29	149,009	317,254	662,259	1,811,716
Mountain	1,406	1,675	572	1,103	845,394	2,036,195	2,209,444	3,389,551
Montana	378	452	28	424	379,213	965,454	988,009	1,398,749
Idaho	307	308	5	303	115,812	145,308	531,134	713,214
Wyoming	48	50	47	3	11,530	27,391	38,736	67,070
Colorado	269	311	220	91	165,196	274,224	290,082	499,566
New Mexico	33	(4)	(4)	(4)	9,028	17,245	22,362	32,674
Arizona	153	[4] 333	[4] 205	[4] 128	32,960	65,732	147,391	280,267
Utah	199	201	61	140	86,635	486,995	146,337	340,873
Nevada	19	20	6	14	44,970	53,846	45,393	57,137
Pacific	3,937	5,665	2,104	3,561	1,877,663	3,096,825	5,758,928	10,008,324
Washington	848	1,230	304	926	71,415	242,371	1,144,069	2,105,289
Oregon	308	537	260	277	58,789	107,887	266,861	840,063
California	2,781	3,898	1,540	2,358	1,747,459	2,746,567	4,347,998	7,060,973

[1] Rhode Island included with Vermont.
[2] West Virginia included with Delaware, District of Columbia, and Maryland.

COMMERCIAL AND MUNICIPAL ESTABLISHMENTS, BY STATES

to Table 411]

Thousands of kilowatt-hours generated—Continued			Thousands of kilowatt-hours sold, 1932		Revenue (in thousands of dollars), 1932		Division and State
1932	Commercial establishments, 1932	Municipal establishments, 1932	To ultimate consumers	For resale	From sale of electric current to ultimate consumers	From electric current sold for resale	
79, 657, 467	**75, 692, 668**	**3, 964, 799**	**65, 895, 976**	**22, 369, 097**	**1, 821, 106**	**154, 198**	**Continental U.S.**
5, 330, 234	**5, 224, 337**	**105, 897**	**4, 487, 961**	**3, 632, 230**	**155, 042**	**27, 756**	**New England.**
762, 112	758, 343	3, 769	624, 686	53, 011	12, 326	507	Maine.
680, 607	678, 643	1, 963	207, 198	514, 453	7, 921	4, 118	New Hampshire.
[1] 811, 459	[1] 795, 902	[1] 15, 558	[1] 545, 301	[1] 636, 663	[1] 19, 209	[1] 4, 340	Vermont.
2, 158, 486	2, 085, 461	73, 025	2, 194, 464	2, 094, 556	82, 785	15, 015	Massachusetts.
(1)	(1)	(1)	(1)	(1)	(1)	(1)	Rhode Island.
917, 571	905, 988	11, 582	916, 311	333, 547	32, 801	3, 776	Connecticut.
20, 340, 795	**20, 177, 114**	**163, 681**	**18, 126, 798**	**3, 840, 416**	**540, 983**	**18, 836**	**Middle Atlantic.**
10, 976, 564	10, 874, 359	102, 204	9, 337, 071	1, 531, 496	285, 089	6, 366	New York.
2, 990, 679	2, 978, 793	11, 886	2, 141, 050	324, 712	85, 383	979	New Jersey.
6, 373, 552	6, 323, 962	49, 591	6, 648, 678	1, 984, 208	170, 511	11, 491	Pennsylvania.
18, 106, 043	**17, 031, 475**	**1, 074, 568**	**14, 894, 151**	**6, 652, 397**	**413, 047**	**48, 015**	**East North Central.**
4, 868, 954	4, 569, 663	299, 290	3, 996, 804	1, 188, 523	110, 417	8, 003	Ohio.
2, 422, 940	2, 247, 557	175, 383	1, 439, 080	1, 473, 384	45, 461	11, 342	Indiana.
5, 446, 743	5, 240, 302	206, 441	5, 241, 428	3, 127, 590	138, 552	21, 539	Illinois.
3, 532, 623	3, 203, 684	328, 939	2, 901, 927	207, 036	76, 476	1, 915	Michigan.
1, 834, 784	1, 770, 269	64, 515	1, 314, 912	655, 865	42, 141	5, 216	Wisconsin.
5, 357, 887	**4, 825, 708**	**532, 179**	**4, 754, 347**	**1, 112, 598**	**155, 135**	**10, 825**	**West North Central.**
995, 182	915, 139	80, 044	1, 001, 878	107, 543	33, 152	1, 994	Minnesota.
1, 483, 096	1, 402, 843	80, 253	740, 899	208, 597	28, 436	2, 527	Iowa.
1, 214, 488	1, 132, 544	81, 945	1, 766, 384	562, 855	47, 429	3, 334	Missouri.
140, 316	133, 403	6, 913	79, 088	14, 245	4, 749	138	North Dakota.
87, 402	67, 072	20, 330	96, 845	13, 502	5, 521	285	South Dakota.
561, 795	489, 126	72, 669	438, 224	100, 218	15, 262	1, 262	Nebraska.
875, 607	685, 582	190, 025	631, 029	105, 637	20, 586	1, 285	Kansas.
9, 458, 694	**9, 191, 866**	**266, 829**	**6, 750, 375**	**2, 637, 718**	**161, 092**	**19, 141**	**South Atlantic.**
2, 231, 617	2, 211, 778	19, 839	[2] 2, 464, 156	[2] 1, 070, 274	[2] 58, 325	[2] 7, 513	Delaware. Maryland. Dist. of Columbia.
962, 318	912, 084	50, 234	814, 387	81, 447	21, 812	480	Virginia.
1, 442, 443	1, 442, 305	138	(2)	(2)	(2)	(2)	West Virginia.
1, 651, 235	1, 609, 387	41, 847	1, 288, 397	922, 851	25, 030	6, 211	North Carolina.
1, 294, 883	1, 293, 920	964	763, 879	466, 152	13, 182	3, 737	South Carolina.
1, 269, 290	1, 257, 166	12, 124	958, 742	56, 615	21, 978	745	Georgia.
606, 909	465, 225	141, 683	460, 815	40, 380	20, 765	455	Florida.
2, 993, 770	**2, 914, 604**	**79, 166**	**2, 890, 544**	**733, 803**	**65, 156**	**5, 111**	**East South Central.**
681, 947	660, 942	21, 005	626, 734	240, 139	19, 716	1, 520	Kentucky.
1, 050, 405	1, 022, 065	28, 340	1, 054, 271	33, 670	20, 365	200	Tennessee.
1, 209, 646	1, 207, 681	1, 965	1, 010, 552	457, 405	17, 527	3, 280	Alabama.
51, 773	23, 916	27, 856	198, 988	2, 589	7, 548	51	Mississippi.
4, 308, 491	**4, 111, 943**	**196, 548**	**3, 463, 757**	**1, 057, 048**	**101, 467**	**7, 508**	**West South Central.**
155, 020	137, 266	17, 754	283, 022	59, 037	9, 357	849	Arkansas.
1, 171, 951	1, 125, 864	46, 087	639, 769	518, 579	17, 053	2, 907	Louisiana.
725, 488	669, 054	56, 434	610, 265	108, 882	19, 781	1, 103	Oklahoma.
2, 256, 031	2, 179, 758	76, 273	1, 930, 701	370, 551	55, 276	2, 649	Texas.
2, 346, 832	**2, 266, 345**	**80, 487**	**1, 958, 421**	**363, 173**	**52, 302**	**3, 032**	**Mountain.**
635, 520	635, 166	355	[3] 901, 460	[3] 16, 133	[3] 17, 801	[3] 245	Montana.
473, 290	458, 052	15, 238	296, 091	211, 520	6, 202	1, 070	Idaho.
74, 597	73, 581	1, 016	62, 070	6, 705	2, 820	180	Wyoming.
437, 330	394, 157	43, 173	345, 608	25, 414	14, 154	411	Colorado.
(4)	(4)	(4)	(4)	(4)	(4)	(4)	New Mexico.
[4] 412, 616	[4] 411, 461	[4] 1, 155	[4] 266, 987	[4] 100, 200	[4] 8, 952	[4] 1, 078	Arizona.
275, 846	256, 495	19, 350	(3)	(3)	(3)	(3)	Utah.
37, 634	37, 433	200	86, 205	3, 200	2, 373	48	Nevada.
11, 414, 720	**9, 949, 276**	**1, 465, 444**	**8, 569, 621**	**2, 339, 714**	**176, 882**	**13, 974**	**Pacific.**
2, 544, 767	1, 979, 090	565, 677	1, 835, 963	535, 572	28, 904	2, 874	Washington.
968, 614	929, 935	38, 679	742, 723	78, 017	15, 712	705	Oregon.
7, 901, 339	7, 040, 251	861, 088	5, 990, 934	1, 726, 125	132, 266	10, 395	California.

[3] Utah included with Montana.
[4] New Mexico included with Arizona.
Source: Bureau of the Census, Department of Commerce.

No. 411.—CENTRAL ELECTRIC STATIONS: Equipment, Employees, Output, and Sales

Note.—A central electric station, commercial or municipal, is one either generating and selling electrical energy, or selling only, to public or private consumers. Figures do not include establishments which consume all current generated, such as mines, factories, hotels, and other enterprises not in the nature of public utilities, nor plants operated by the Federal Government or by States unless energy is sold commercially. No data are included for electric-railway power plants unless part of the current generated is sold. There is considerable duplication in total sales, since they include energy sold for resale. Amount sold is considerably less than current generated due to line losses, etc.

	All central electric stations					
	1902	1912	1917	1922	1927	1932
Number of establishments [1]	3,620	5,221	6,542	6,355	4,335	3,429
Prime movers, horsepower ... thousands	1,845	7,530	12,937	19,851	35,710	47,967
Steam engines	1,394	1,895	1,702	1,371	994	650
Steam turbines		3,054	6,747	12,355	24,323	32,904
Water wheels and hydroturbines	439	2,469	4,277	5,822	9,844	13,532
Internal-combustion engines	12	111	210	303	548	881
Generators:						
Number	12,484	12,610	13,428	12,701	11,967	11,111
Kilowatt capacity ... thousands	1,212	5,165	8,994	14,313	25,811	34,623
Output ... millions of kilowatt-hours	----------	14,183	31,044	50,274	96,829	111,716
Generated	2,507	11,569	25,438	40,292	74,687	79,657
Purchased	(2)	2,614	5,606	9,983	22,142	32,059
Sold	(2)	(2)	25,752	41,965	79,011	88,265
To ultimate consumers	(2)	(2)	(2)	32,948	63,612	65,896
For resale	(2)	(2)	(2)	9,017	15,399	22,369
Number of customers ... thousands	(2)	3,838	7,179	12,710	21,790	23,862
Salaried employees ... number	6,996	26,093	35,406	55,112	101,415	110,453
Salaries ... 1,000 dollars	5,664	24,307	36,788	86,951	(3)	(4)
Wage earners ... number	[5] 23,330	[5] 53,242	[5] 70,135	[6] 95,650	[6] 149,605	[6] 134,120
Wages ... 1,000 dollars	14,983	36,855	58,454	125,481	(3)	(4)

[1] The term "establishment" as here used may represent a single electric station (either generating or distributing or both) or a number of such stations operated under the same ownership.
[2] Figures not available.
[3] Salaries and wages were not reported for 1927 by municipal plants. Commercial plants reported 95,917 salaried employees, with salaries amounting to $166,341,000, and 138,796 wage earners, with wages amounting to $201,291,000.
[4] Schedule did not call for segregation of salaries and wages. The total amount reported was $323,880,000, of which $303,058,000 was reported by commercial establishments and $20,822,000 by municipal.
[5] Average number for the year.
[6] Number Sept. 16, 1912; Sept. 29, 1917; June 30, 1922, 1927, and 1932, or nearest representative day.

No. 412.—CENTRAL ELECTRIC STATIONS: Equipment, Employees, and Finances of Commercial and Municipal Establishments

Note.—See headnote to table 411

	Commercial establishments				Municipal establishments			
	1917	1922	1927	1932	1917	1922	1927	1932
Number of establishments	4,224	3,774	2,137	1,627	2,318	2,581	2,198	1,802
Horsepower of prime movers ... thousands	12,078	18,571	33,661	45,191	859	1,280	2,049	2,776
Capacity of generators thousands of kw.	8,412	13,407	24,383	32,648	582	906	1,428	1,975
Output, millions of kw.-hrs.	29,812	47,833	92,299	106,329	1,232	2,441	4,529	5,387
Generated	24,399	38,413	71,307	75,692	1,039	1,878	3,379	3,965
Purchased	5,413	9,420	20,992	30,637	193	563	1,150	1,422
Sold—								
To ultimate consumers	24,723	30,941	60,537	62,148	1,029	2,007	3,075	3,748
For resale		8,971	14,808	21,789		45	591	580
Customers ... thousands	6,202	11,065	19,661	21,634	977	1,645	2,129	2,228
Employees ... number	94,679	136,105	234,747	225,557	10,862	14,657	16,273	19,016
Income ... 1,000 dollars	486,634	986,684	[1] 1,841,227	[1] 2,030,997	40,260	85,436	[2] 122,437	[1] 126,298
Expenses ... do	395,127	792,496	[3] 1,318,255	[3] 1,477,139	31,441	67,129	(4)	[3] 89,217
Assets ... do	3,631,973	5,504,614	12,950,388	17,032,540	148,345	288,623	(4)	710,143
Value of plant and equipment ... 1,000 dollars	2,933,017	4,229,356	[5] 8,880,291	[6] 12,124,807	127,375	235,660	417,167	[6] 539,570

[1] Includes net income from utilities other than electric and nonoperating income.
[2] Operating revenues only.
[3] Includes other deductions from gross income.
[4] Not called for on schedule.
[5] Includes plant and equipment valued at $902,057,000, not separated as to electric light and power and other properties.
[6] Reported as fixed capital.

Source of tables 411 and 412: Bureau of the Census, Department of Commerce.

No. 413.—CENTRAL ELECTRIC STATIONS: FINANCIAL STATISTICS

[All figures in thousands of dollars. See headnote to table 411]

	Commercial establishments						Municipal establishments
	1902	1912	1917	1922	1927	1932	1932
INCOME ACCOUNT							
Income, total	78,736	279,054	486,634	986,684	[1] 1,841,227	[1] 2,030,997	[1] 126,298
Electric service, total	77,350	264,475	462,474	936,852	1,680,218	1,854,110	121,194
Commercial and domestic light and power	57,195	205,974	373,280	773,111	1,424,998	1,576,197	107,103
Municipal lighting	16,130	27,131	31,462	40,854	66,141	81,795	10,215
Sales to other public service corporations	4,025	30,857	57,207	122,321	189,079	196,118	3,876
Value of free service	(2)	513	525	566	(2)	(2)	(2)
Interest and dividends from investments	(2)	4,869	8,807	16,527	53,959	61,060	692
Other sources	1,386	9,710	15,353	33,305	[1] 107,050	[1] 115,827	[1] 4,412
Expenses, total	62,835	217,660	395,127	792,496	[3] 1,318,255	[3] 1,477,139	[3] 89,217
Fuel	10,190	30,502	78,286	146,323	157,912	102,560	9,823
Current purchased	2,007	16,913	35,733	79,637	143,711	161,121	17,779
Supplies, materials, and miscellaneous	14,751	27,565	48,118	80,492	[3] 121,529	[3] 209,730	[3] 20,908
Rent of offices, conduits, etc	1,272	4,214	9,881	18,626	(4)	(4)	(4)
Salaries and wages	18,767	55,659	86,473	194,148	367,632	303,058	20,822
Taxes	2,655	13,117	29,897	73,128	150,253	203,858	1,202
Injuries, damages, insurance	1,074	3,316	5,145	10,209	(2)	(2)	(2)
Interest	12,119	46,865	71,145	125,596	269,602	354,165	7,193
Depreciation	(2)	17,989	26,292	59,273	107,616	142,647	11,400
Sinking and reserve funds	(2)	1,520	4,157	5,064	(2)	(4)	(4)

[1] Includes net income from utilities other than electric and nonoperating income.
[2] Not called for on schedule. [3] Includes other deductions from gross income. [4] No comparable data.

No. 414.—CENTRAL ELECTRIC STATIONS, COMMERCIAL AND MUNICIPAL ESTABLISHMENTS: NUMBER OF CUSTOMERS, CURRENT SOLD, AND REVENUE (ULTIMATE CONSUMERS ONLY), BY CLASS OF SERVICE, 1932

NOTE.—Revenue per customer and per kilowatt-hour, by class of service, based on data presented in the following table, is shown in the corresponding table in the 1936 issue of the Statistical Abstract

Class of service	Total	Commercial	Municipal	Total	Commercial	Municipal
	Number of customers			Current sold (thousands of kilowatt-hours)		
Total	23,858,411	21,630,662	2,227,749	65,895,976	62,147,695	3,748,281
Farm service (all uses)	613,753	592,692	21,061	1,504,257	1,488,106	16,151
Domestic service	19,285,560	17,337,876	1,947,684	11,790,140	10,410,750	1,379,390
Commercial service:						
Small light and power (retail)	3,527,794	3,284,326	243,468	12,059,464	10,793,768	1,265,696
Large light and power (wholesale)	379,402	365,038	14,364	32,380,076	31,931,213	448,863
Municipal street lighting	29,832	28,997	835	2,235,668	1,746,288	489,380
Railroads (motive power):						
Street and interurban	474	454	20	4,392,943	4,348,207	44,736
Electrified steam railroad divisions	367	363	4	762,205	762,115	90
Other service	21,229	20,916	313	771,223	667,248	103,975
	Current sold per customer (kilowatt-hours)			Revenue from electric service (thousands of dollars)		
Total	2,762	2,873	1,683	1,821,106	1,703,304	117,802
Farm service (all uses)	2,451	2,511	767	42,774	41,875	899
Domestic service	611	600	708	649,765	584,995	64,770
Commercial service:						
Small light and power (retail)	3,418	3,286	5,199	491,852	459,441	32,411
Large light and power (wholesale)	85,345	87,474	31,249	483,391	475,739	7,652
Municipal street lighting	74,942	60,223	586,084	92,011	81,795	10,216
Railroads (motive power):						
Street and interurban	9,267,813	9,577,550	2,236,782	38,777	38,297	480
Electrified steam railroad divisions	2,076,852	2,099,491	22,379	7,019	7,016	3
Other service	36,329	31,901	332,187	15,517	14,146	1,371

Source of tables 413 and 414: Bureau of the Census, Department of Commerce.

No. 415.—ELECTRIC LIGHT AND POWER INDUSTRY: Reports to the Edison Electric Institute

	1929	1930	1934	1935	1936	1937
Current generated.....million kilowatt-hours..	67,990	88,592	84,986	92,611	106,566	115,166
Sales to ultimate consumers.....do....	56,089	74,908	71,082	77,596	90,044	99,446
Farm service.....	723	1,789	1,857	1,692	2,138	2,389
Residential service.....	6,727	10,702	12,233	13,496	14,992	16,875
Commercial service.....	41,477	54,092	49,221	54,453	64,267	71,104
All other.....	7,163	8,323	7,770	7,955	8,647	9,077
Revenue from ultimate consumers..1,000 dollars..	1,520,159	1,990,955	1,831,871	1,911,989	2,044,587	2,180,788
Farm service.....	21,637	46,690	49,183	48,405	59,286	67,947
Residential service.....	469,272	642,276	648,802	673,526	696,997	740,219
Commercial service.....	903,594	1,142,066	989,872	1,050,320	1,143,271	1,219,897
All other.....	125,655	159,924	144,015	139,739	145,032	152,724
Customers on December 31st.....thousands..	20,295	24,556	24,663	25,313	26,206	27,164
Farm.....	309	650	744	789	1,043	1,242
Residential.....	16,516	19,880	19,866	20,446	20,987	21,698
Commercial.....	3,437	3,972	3,994	4,015	4,105	4,151
All other.....	33	53	59	62	70	74

Source: Edison Electric Institute.

No. 416.—AVERAGE TYPICAL BILLS FOR SPECIFIED QUANTITIES OF ELECTRIC ENERGY IN CITIES OF 50,000 POPULATION OR MORE

Note.—The 25, 100, and 250 kilowatt-hour consumptions were chosen to represent the typical usage, respectively, of residential consumers who use electricity for lighting and the operation of small appliances only; for lighting, small appliances, and refrigeration; and for lighting, small appliances, refrigeration, and cooking

Date	Average bill in dollars for—			Index of average bill (Oct. 1, 1924=100) for—			Average bill in cents per kilowatt-hour for—		
	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Oct. 1, 1924 [1].....	1.92	6.18	13.36	100.0	100.0	100.0	7.7	6.2	5.3
Oct. 1, 1925 [1].....	1.88	6.00	12.95	97.9	97.1	96.9	7.5	6.0	5.2
Oct. 1, 1926 [1].....	1.86	5.85	12.57	96.9	94.7	94.1	7.4	5.9	5.0
Oct. 1, 1927 [1].....	1.81	5.58	11.94	94.3	90.3	89.4	7.2	5.6	4.8
Oct. 1, 1928 [1].....	1.76	5.34	11.25	91.7	86.4	84.2	7.0	5.3	4.5
Oct. 1, 1929 [1].....	1.73	5.13	10.69	90.1	83.0	80.0	6.9	5.1	4.3
Oct. 1, 1930 [1].....	1.70	4.98	10.38	88.5	80.6	77.7	6.8	5.0	4.2
Oct. 1, 1931 [1].....	1.69	4.72	9.58	88.0	76.4	71.7	6.8	4.7	3.8
Oct. 1, 1932 [1].....	1.67	4.65	9.42	87.0	75.2	70.5	6.7	4.7	3.8
Oct. 1, 1933 [1].....	1.63	4.58	9.26	84.9	74.1	69.3	6.5	4.6	3.7
Oct. 1, 1934 [1].....	1.58	4.47	8.98	82.3	72.3	67.2	6.3	4.5	3.6
Jan. 1, 1935 [1].....	1.57	4.45	8.96	81.8	72.0	67.1	6.3	4.5	3.6
Jan. 1, 1935 [2].....	1.60	4.47	8.90	.....	.....	.....	6.3	4.5	3.6
Jan. 1, 1936 [2].....	1.53	4.21	7.85	78.2	67.8	59.2	6.1	4.2	3.1
Jan. 1, 1937 [2].....	1.45	4.10	7.51	74.1	66.0	56.6	5.8	4.1	3.0

[1] Average bills are for a selected group of 150 cities.
[2] Average bills are for all cities of 50,000 population or more. Index numbers are adjusted to be comparable with earlier years.

Source: Federal Power Commission.

No. 417.—TOTAL NET MONTHLY PRICE OF SPECIFIED AMOUNTS OF ELECTRICITY: Based on Rates as of Dec. 15, 1936 and 1937, by Cities

[P=Private utility; M=Municipal plant; prices are based on average consumption for a 5-room house]

	Dec. 15, 1936				Dec. 15, 1937			
	Lighting and small appliances		Lighting, appliances, and refrigerator	Lighting, appliances, refrigerator, and range	Lighting and small appliances		Lighting, appliances, and refrigerator	Lighting, appliances, refrigerator, and range
	25 kw.-hrs.	40 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	40 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Atlanta:								
Immediate.....P	$1.62	$2.37	$4.57	$8.32	$1.45	$2.12	$3.95	$6.57
Inducement [1]..P	1.45	2.12	3.95	6.57	1.22	1.90	3.85	6.57
Baltimore.....P	1.13	1.80	3.90	8.20	1.13	1.80	3.90	8.20
Birmingham:								
Immediate.....P	1.35	2.10	3.85	7.40	1.25	2.00	3.75	7.30
Objective [1].....P	[2] 1.00	1.56	3.20	6.95	[2] 1.00	1.56	3.20	6.95
Boston.....P	1.55	2.30	5.10	9.60	1.55	2.30	5.10	9.60
Bridgeport.....P	1.31	2.05	4.87	8.90	1.31	2.05	4.87	8.70
Buffalo.....P	1.13	1.70	3.06	5.31	1.13	1.70	3.06	5.31

For footnotes see following page.

No. 417.—Total Net Monthly Price of Specified Amounts of Electricity: Based on Rates as of Dec. 15, 1936 and 1937, by Cities—Continued

	Dec. 15, 1936				Dec. 15, 1937			
	Lighting and small appliances		Lighting, appliances, and refrigerator	Lighting, appliances, refrigerator, and range	Lighting and small appliances		Lighting, appliances, and refrigerator	Lighting, appliances, refrigerator, and range
	25 kw.-hrs.	40 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.	25 kw.-hrs.	40 kw.-hrs.	100 kw.-hrs.	250 kw.-hrs.
Butte P	$1.55	$2.38	$4.43	$7.93	$1.55	$2.38	$4.43	$7.93
Charleston, S. C.:								
Immediate P	1.60	2.50	5.35	8.85	1.60	2.50	5.35	8.85
Objective [1] P	1.50	2.25	4.20	6.82	1.50	2.25	4.20	6.82
Chicago P	1.34	1.94	3.65	6.65	1.34	1.94	3.65	6.65
Cincinnati P	1.00	1.45	2.65	5.35	1.00	1.45	2.50	4.75
Cleveland P	1.00	1.60	4.00	9.88	1.00	1.60	3.75	7.25
M	.88	1.31	3.05	7.40	.85	1.27	2.80	5.55
Columbus P	1.25	1.95	4.50	8.50	1.25	1.95	4.50	8.50
M	1.00	1.58	3.80	8.30	1.00	1.58	3.80	8.30
Dallas P	1.25	2.00	4.40	8.20	1.19	1.90	4.30	8.10
Denver [3] P	1.53	2.45	4.90	9.49	1.53	2.45	4.90	9.49
Detroit [4 5] P	1.39	1.95	3.48	6.95	1.39	1.95	3.48	6.95
Fall River P	1.75	2.60	5.20	9.35	1.58	2.38	4.98	9.13
Houston P	1.20	1.80	3.83	7.08	1.20	1.80	3.83	7.08
Indianapolis P	1.44	2.30	4.80	8.53	1.38	2.10	4.40	8.15
Jacksonville M	1.75	2.70	4.95	7.95	1.75	2.70	4.95	7.95
Kansas City P	[6] 1.64	[6] 2.32	[6] 4.04	[6] 7.83	[3] 1.66	[3] 2.35	[3] 4.08	[3] 7.91
Little Rock: [3]								
Present P	1.99	2.88	5.20	8.67	[7] 1.93	2.88	5.20	8.67
Centennial [1] P	1.84	2.63	5.10	8.67	[7] 1.78	2.63	5.10	8.67
Los Angeles P	[8] 1.10	[8] 1.66	[8] 3.04	[8] 5.27	1.10	1.65	2.97	5.10
M	1.10	1.66	3.04	5.27	[9] 1.10	[9] 1.65	[9] 2.97	[9] 5.10
Louisville P	1.13	1.75	3.71	7.31	[5] 1.13	[5] 1.75	[5] 3.71	[5] 7.31
Manchester P	2.00	2.80	5.00	8.00	2.00	2.80	5.00	8.00
Memphis P	1.38	2.20	4.25	8.75	1.38	2.20	4.25	8.75
Milwaukee P	1.41	1.90	3.60	6.48	1.41	1.90	3.48	6.35
Minneapolis P	1.66	2.19	3.80	6.79	1.47	1.99	3.61	6.60
Mobile:								
Present P	1.45	2.13	3.95	6.58	1.45	2.13	3.95	6.58
Objective [1] P	1.20	1.80	3.50	6.13	1.20	1.80	3.50	6.13
Newark P	1.92	2.60	4.50	8.75	1.84	2.54	4.44	8.69
New Haven P	1.31	2.05	4.87	8.90	1.31	2.05	4.87	8.70
New Orleans P	1.88	2.85	5.50	10.25	1.88	2.85	5.50	10.25
New York: [3]								
Bronx P	1.79	2.55	4.90	8.21	1.69	2.46	4.81	8.16
Brooklyn P	1.79	2.55	4.90	8.21	1.69	2.46	4.81	8.16
Manhattan P	1.79	2.55	4.90	8.21	1.69	2.46	4.81	8.16
Queens P	1.79	2.55	4.90	8.21	1.69	2.46	4.81	8.16
P	2.17	3.26	6.38	13.01	1.95	3.02	6.08	10.67
Richmond P	2.19	3.17	5.62	9.09	2.19	3.17	5.62	9.09
Norfolk P	1.38	2.10	4.65	7.65	1.38	2.10	4.65	7.65
Omaha P	1.19	1.90	3.88	7.78	1.19	1.90	3.88	7.78
Peoria P	1.50	2.01	3.57	6.32	1.50	2.01	3.57	6.32
Philadelphia P	1.50	2.25	4.25	7.50	1.40	2.15	3.76	6.76
Pittsburgh P	1.25	2.00	4.00	8.50	1.25	2.00	4.00	7.50
Portland, Maine P	1.88	2.63	4.73	7.73	1.85	2.60	4.70	7.70
Portland, Oreg. [8] P	1.38	1.95	3.39	6.09	1.25	1.88	3.37	6.07
Providence P	1.76	2.66	5.50	9.50	1.76	2.66	5.50	9.50
Richmond P	1.38	2.10	4.65	7.65	1.38	2.10	4.65	7.65
Rochester P	1.59	2.26	4.56	7.81	1.59	2.26	4.56	7.81
St. Louis [4] P	[6] 1.20	[6] 1.73	[6] 3.17	[6] 6.28	[3] 1.21	[3] 1.74	[3] 3.20	[3] 6.35
P	[6] 1.08	[6] 1.44	[6] 2.88	[6] 5.76	[3] 1.09	[3] 1.45	[3] 2.91	[3] 5.81
St. Paul P	1.60	2.15	3.85	7.00	1.60	2.15	3.85	7.00
Salt Lake City: [3]								
Present P	1.78	2.69	4.92	7.85	1.63	2.40	4.92	7.85
Objective [1] P	1.63	2.30	3.83	7.14	1.63	2.30	3.83	7.14
San Francisco P	1.40	2.00	3.50	7.15	1.30	1.77	3.09	5.89
Savannah P	1.62	2.37	4.57	7.97	1.62	2.37	4.57	7.97
Scranton P	1.63	2.45	4.85	9.35	1.25	2.00	4.25	8.00
Seattle P	1.25	2.00	3.20	6.08	1.25	2.00	3.20	6.08
M	1.25	2.00	3.20	6.10	1.25	2.00	3.20	6.10
Springfield, Ill. P	1.25	1.90	3.90	6.90	1.25	1.90	3.02	5.22
M	1.25	1.90	3.02	4.80	1.25	1.90	3.02	4.80
Washington P	.98	1.56	3.40	5.67	.98	1.56	3.10	5.65

[1] Rate designed to encourage greater use of electricity.
[2] Minimum charge.
[3] Includes 2-percent sales tax.
[4] Includes free lamp-renewal service.
[5] Includes 3-percent sales tax.
[6] Includes 1-percent sales tax.
[7] Based on 24 kilowatt-hours.
[8] Reports from 2 companies with identical rates.
[9] Municipal plant absorbed 1 of the privately owned utilities Jan. 31, 1937.

Source: Bureau of Labor Statistics, Department of Labor.

No. 418.—DEVELOPED AND POTENTIAL WATER POWER

NOTE.—**In thousands of horsepower.** Data for developed water power cover capacity of actual installation of water wheels and turbines in plants of 100 horsepower or more. Potential power figures are 1936 revised estimates showing the 24-hour horsepower available 90 percent of the time and 50 percent of the time at an over-all efficiency of 70 percent at all developed and undeveloped sites. Data for potential power are not directly comparable with those for developed power, because developed power is usually given in terms of the capacity of installed water wheels or turbines, which may be several times the potential power available 90 percent of the time. Probably with complete development of the water-power resources of the whole country the installed capacity would amount to 80,000,000 horsepower or more

Division and State	Developed water power (capacity of actual installation)							Potential water power available—	
	November, 1921	March, 1925	January, 1930	January, 1935	January, 1936	January, 1937	January, 1938	90 percent of the time	50 percent of the time
Continental U. S.	7,927	10,048	13,808	16,075	16,079	17,120	17,284	42,753	57,184
New England	1,311	1,399	1,643	2,006	1,994	2,005	2,004	988	1,641
Maine	450	477	541	616	603	600	593	524	806
New Hampshire	229	243	278	575	575	573	477	167	293
Vermont	130	168	260	192	192	194	274	115	193
Massachusetts	338	344	362	422	423	423	441	125	211
Rhode Island	30	30	30	29	29	29	28	5	13
Connecticut	134	136	172	173	172	186	191	52	125
Middle Atlantic	1,479	1,958	2,113	2,465	2,458	2,452	2,436	4,895	6,242
New York	1,292	1,714	1,805	1,885	1,879	1,872	1,858	4,296	5,184
New Jersey	17	19	18	17	17	17	16	32	60
Pennsylvania	170	226	291	563	562	563	562	567	998
East North Central	739	885	1,075	1,189	1,176	1,182	1,244	869	1,640
Ohio	29	30	30	23	24	24	23	31	77
Indiana	27	51	55	55	55	55	53	60	159
Illinois	85	87	95	88	93	92	85	214	407
Michigan	267	305	379	477	483	500	580	270	400
Wisconsin	331	413	517	546	521	512	503	294	507
West North Central	444	515	551	750	746	844	840	1,172	1,884
Minnesota	205	263	287	272	272	269	268	210	388
Iowa	173	177	181	183	183	183	178	96	232
Missouri	18	20	23	235	235	235	236	420	676
North Dakota	(1)	(1)	(1)	(1)	(1)	----	----	61	69
South Dakota	18	19	19	20	20	20	20	211	278
Nebraska	15	21	24	24	24	124	124	101	138
Kansas	15	14	16	16	13	13	14	73	103
South Atlantic	1,082	1,594	2,657	3,173	3,218	3,201	3,224	2,936	4,058
Delaware	3	3	1	1	1	2	1	2	5
Maryland	7	7	416	404	405	405	404	} 200	286
Dist. of Columbia	1	1	6	6	6	6	6		
Virginia	104	118	126	154	156	157	151	463	649
West Virginia	15	15	89	227	269	269	272	563	785
North Carolina	330	535	947	980	980	957	947	582	818
South Carolina	330	507	574	811	811	813	837	477	752
Georgia	286	400	473	569	569	572	584	622	729
Florida	7	9	25	20	20	20	22	27	34
East South Central	241	392	1,169	1,303	1,303	1,526	1,563	2,620	3,761
Kentucky	1	1	145	145	145	145	141	336	543
Tennessee	127	166	179	291	291	423	423	1,280	1,800
Alabama	113	224	845	867	867	958	999	880	1,280
Mississippi	----	----	----	----	----	----	----	124	138
West South Central	16	31	49	150	145	149	150	764	967
Arkansas	1	16	16	95	95	95	95	388	518
Louisiana	----	----	----	----	----	----	----	70	74
Oklahoma	2	2	3	2	2	2	2	126	175
Texas	13	14	31	53	48	52	53	180	200
Mountain	827	937	1,185	1,190	1,199	1,728	1,758	10,775	13,031
Montana	344	360	419	428	429	429	431	1,306	1,853
Idaho	224	299	358	342	355	357	364	2,706	3,088
Wyoming	8	8	19	23	23	24	24	571	838
Colorado	92	91	98	102	99	103	105	647	851
New Mexico	1	1	2	2	2	2	2	56	124
Arizona	39	49	120	137	133	193	195	3,710	3,810
Utah	106	115	156	144	144	142	156	1,500	1,590
Nevada	13	14	14	13	13	478	481	279	277
Pacific	1,789	2,336	3,365	3,851	3,842	4,033	4,065	17,734	23,980
Washington	454	561	766	1,037	1,037	1,227	1,254	8,768	12,021
Oregon	185	244	299	363	360	361	367	4,361	5,956
California	1,149	1,531	2,301	2,450	2,444	2,445	2,444	4,605	5,983
Outlying areas:									
Alaska	----	40	36	(2)	(2)	(2)	(2)	1,000	2,500
Hawaii	----	25	[3] 32	(2)	26	26	(2)	19	28
Puerto Rico	----	15	(2)	(2)	[4] 38	[4] 38	(2)	72	174

[1] Less than 500. [2] Not available. [3] Capacity in 1928.
[4] Figures from Public Service Commission of Puerto Rico.

Source; Geological Survey, Department of the Interior, except January 1938 figures which are from Federal Power Commission.

18.—PUBLIC ROADS AND MOTOR VEHICLES

No. 419.—RURAL ROADS IN THE UNITED STATES

NOTE.—Mileage data included for county and township roads in 1921 and 1926 were secured from county records; data for other years shown in this and subsequent tables contain some estimates and are not as accurate as to detail. Figures for county and township roads not available subsequent to 1930. Data in most cases refer to calendar years; there are, however, exceptions in some States. Data relate to Continental United States only, except as noted

Item	1921	1926	1929	1930
ALL RURAL ROADS				
Total mileage at end of year	2,941,294	3,000,190	3,024,233	3,009,066
Earth roads	2,553,534	2,450,126	2,361,798	2,315,507
Surfaced roads	387,760	550,064	662,435	693,559
Low type [1]	340,583	467,077	549,981	567,851
High type [1]	[2] 47,177	82,987	112,454	125,708
Total mileage built during year	110,976	116,413	78,003	87,717
Earth roads (graded and drained)	[3] 69,804	60,059	23,128	24,370
Surfaced roads [4]	41,172	56,354	54,875	63,347
Low type [1]	33,083	46,746	42,548	48,397
High type [1]	[5] 8,089	9,608	12,327	14,950
Funds available for rural road purposes, all authorities [6] (1,000 dollars)	[7] 1,109,896	1,640,451	2,042,400	2,302,646
Motor vehicle fees, gasoline taxes	119,915	436,449	687,730	862,933
Other taxes and appropriations	415,747	491,194	560,908	537,951
Proceeds of bonds	434,573	272,422	271,864	316,973
Federal aid [8]	77,457	79,163	77,573	92,463
All other sources	[7] 62,205	361,224	444,324	492,326
Disbursements for rural roads and bridges, all roads, by all authorities (1,000 dollars)	1,027,493	1,276,698	1,615,519	1,885,851
Highway purposes—				
Construction	622,172	621,893	813,982	1,009,712
Maintenance	250,559	338,853	433,538	475,912
Other expenditures	121,372	203,002	197,148	194,869
All other disbursements	33,389	112,950	170,850	205,357

Item	1926	1930	1934	1935	1936	1937
Total mileage of State highway systems at end of year [9]	287,928	324,496	[10] 324,312	[10] 331,867	[10] 340,160	(11)
Earth roads	124,869	98,275	52,698	52,060	51,057	(11)
Surfaced roads	163,059	226,221	271,614	279,807	289,103	(11)
Low type [1]	109,110	142,109	161,923	168,282	175,408	(11)
High type [1]	53,949	84,112	109,691	111,525	113,695	(11)
Total mileage of State highway systems built during year	27,387	35,277	32,723	23,515	26,856	(11)
Earth roads (graded and drained)	7,060	7,813	5,162	2,812	2,971	(11)
Surfaced roads [4]	20,327	27,464	27,561	20,703	23,885	(11)
Low type [1]	14,199	16,677	22,272	17,562	19,626	(11)
High type [1]	6,128	10,787	5,289	3,141	4,259	(11)
Funds available to State highway departments [12] (1,000 dollars)	806,688	1,423,164	1,295,642	1,205,945	1,505,768	1,579,810
Disbursements by State highway departments, including Federal aid [12] (1,000 dollars)	621,744	1,139,677	991,774	848,355	1,131,151	1,166,706
Highway construction under Federal aid, status at end of year: [13]						
Projects under construction:						
Miles	14,581	9,089	460	3,116	4,520	4,921
Total cost (1,000 dollars)	365,730	233,397	15,780	66,111	127,764	156,297
Federal aid (1,000 dollars)	151,490	99,573	7,132	34,416	65,664	77,847
Projects approved for construction:						
Miles	1,575	2,875	17	1,415	2,062	2,320
Total cost (1,000 dollars)	40,299	60,394	462	38,410	56,198	73,905
Federal aid (1,000 dollars)	13,921	25,531	93	19,235	29,059	34,509
Federal-aid fund available for new projects (1,000 dollars)	113,070	144,726	927	65,543	79,992	81,738

[1] Low type includes top-soil, sand-clay, gravel, chert, shale, etc., waterbound macadam, and low-cost bituminous mix; high type includes bituminous macadam, bituminous concrete, sheet asphalt, Portland cement concrete, block pavements, and timber flooring on bridges.
[2] Includes 11,303 miles of unclassified roads. [3] Includes mileage partially graded and drained.
[4] Includes original and reconstructed surfacing. [5] Includes 368 miles of unclassified roads.
[6] Excludes funds transferred. [7] Excludes balance on hand at beginning of year; not reported in 1921.
[8] For road and bridge purposes under supervision of State highway department only.
[9] Includes an undetermined amount of municipal street mileage on State highway systems or connecting these systems. Beginning with 1934 such mileage is included, however, for only a few States. Figures prior to 1934 also include mileage of secondary road systems under State control for a number of States. [10] Primary systems only. See also note 9. [11] Not yet available.
[12] Includes funds transferred to or from local units.
[13] Includes data for Hawaii except 1926 figures for projects approved for construction. For 1937 data regarding emergency road construction and grade crossing projects, see table 423.

Source: Bureau of Public Roads, Department of Agriculture.

No. 420.—STATE HIGHWAY SYSTEMS: Rural Roads and Municipal Streets Connecting Highways as of Dec. 31, 1936, and Rural Mileage Surfaced During 1935 and 1936

Division and State	Existing mileage, end of 1936						Mileage surfaced on primary systems (rural) during—		
	Rural roads and municipal streets[1]	Primary systems of rural State highways						1936	
		Total	Earth roads	Surfaced roads			1935, total[3]	Total[3]	On earth roads
				Total	Low type[2]	High type[2]			
Continental U. S.	533,144	340,160	51,057	289,103	175,408	113,695	20,703	28,885	6,044
New England	19,195	11,012	531	10,481	5,722	4,759	334	367	147
Maine	[1] 8,350	2,519	81	2,438	1,774	664	30	86	22
New Hampshire	[1] 3,370	1,427	--------	1,427	987	440	23	35	--------
Vermont	1,765	1,765	18	1,747	1,309	438	43	78	5
Massachusetts	1,874	1,720	--------	1,720	153	1,567	76	31	6
Rhode Island	1,137	1,035	341	694	211	483	27	24	15
Connecticut	2,699	2,546	91	2,455	1,288	1,167	135	113	99
Middle Atlantic	53,924	28,268	2,223	26,045	7,519	18,526	469	780	128
New York	13,907	13,907	1,342	12,565	2,181	10,384	271	323	48
New Jersey	1,922	1,379	47	1,332	41	1,291	19	37	16
Pennsylvania	[1] 38,095	12,982	834	12,148	5,297	6,851	179	420	64
East North Central	57,218	52,648	1,638	51,010	21,299	29,711	2,001	2,328	381
Ohio	16,879	14,593	195	14,398	7,428	6,970	246	258	--------
Indiana	9,819	9,355	519	8,836	4,174	4,662	179	710	75
Illinois	10,980	10,327	189	10,138	12	10,126	206	138	100
Michigan	9,528	8,485	676	7,809	4,186	3,623	215	282	137
Wisconsin	10,012	9,888	59	9,829	5,499	4,330	1,155	940	69
West North Central	69,114	60,351	8,222	52,129	38,241	13,888	7,585	6,949	1,114
Minnesota	11,347	10,934	475	10,459	7,784	2,675	1,139	1,055	70
Iowa	9,328	8,318	172	8,146	3,600	4,546	523	430	187
Missouri	[1] 14,348	8,167	128	8,039	4,159	3,880	448	423	119
North Dakota	7,352	7,337	1,057	6,280	6,236	44	1,131	307	61
South Dakota	5,996	5,966	787	5,179	4,935	244	1,351	966	63
Nebraska	11,129	10,534	3,394	7,140	6,190	950	631	725	236
Kansas	9,614	9,095	2,209	6,886	5,337	1,549	2,362	2,993	378
South Atlantic	174,939	58,535	11,607	46,928	29,844	17,084	2,440	2,454	896
Delaware	[1] 3,862	1,702	--------	1,702	445	1,257	186	78	4
Maryland	3,985	3,929	--------	3,929	1,818	2,111	91	79	41
Virginia	[1] 46,320	9,225	994	8,231	6,721	1,510	282	289	34
West Virginia	[1] 33,819	4,666	487	4,179	1,938	2,241	230	392	98
North Carolina	[1] 58,232	10,875	751	10,124	6,215	3,909	483	442	92
South Carolina	6,411	6,411	668	5,743	3,356	2,387	334	193	94
Georgia	9,880	9,792	4,050	5,742	3,246	2,496	658	804	421
Florida	12,430	11,935	4,657	7,278	6,105	1,173	176	177	112
East South Central	28,840	26,086	3,587	22,499	15,986	6,513	1,300	1,587	637
Kentucky	8,720	[4] 8,720	882	7,838	6,096	1,742	612	475	338
Tennessee	7,446	7,181	405	6,776	3,989	2,787	112	192	92
Alabama	6,500	6,256	2,111	4,145	2,928	1,217	328	679	91
Mississippi	[1] 6,174	3,929	189	3,740	2,973	767	248	241	116
West South Central	56,344	42,631	7,486	35,145	21,915	13,230	2,315	3,473	1,332
Arkansas	9,170	8,996	800	8,196	6,458	1,738	292	257	16
Louisiana	[1] 17,987	4,448	47	4,401	2,158	2,243	115	273	74
Oklahoma	8,234	8,234	1,521	6,713	3,829	2,884	336	1,314	309
Texas	20,953	[4] 20,953	5,118	15,835	9,470	6,365	1,572	1,629	933
Mountain	49,337	39,929	14,357	25,572	24,058	1,514	3,165	3,957	863
Montana	[1] 5,525	5,111	854	4,257	4,171	86	648	969	180
Idaho	4,941	4,758	1,276	3,482	3,290	192	271	470	118
Wyoming	3,599	3,567	496	3,071	3,036	35	587	166	7
Colorado	[1] 9,439	3,523	368	3,155	2,694	461	418	759	2
New Mexico	12,267	12,114	8,356	3,758	3,638	120	340	630	207
Arizona	3,490	3,459	822	2,637	2,402	235	146	294	131
Utah	5,129	4,667	1,868	2,799	2,463	336	274	315	111
Nevada	[1] 4,947	2,730	317	2,413	2,364	49	481	354	107
Pacific	24,233	20,700	1,406	19,294	10,824	8,470	1,094	1,990	546
Washington	3,783	3,528	199	3,329	2,052	1,277	302	466	55
Oregon	[1] 6,868	4,618	491	4,127	2,492	1,635	99	464	76
California	13,582	12,554	716	11,838	6,280	5,558	693	1,060	415

[1] Includes secondary road systems under State control with a total of 177,504 miles for the 14 States noted, comprising 54,690 miles of secondary State highways, 7,636 miles of State-aid system, and 115,178 miles of county roads under State control.

[2] See note 1, table 419.

[3] Includes original and reconstructed surfacing. In addition to the mileage here shown, surfacing on secondary systems under State control totaled 2,254 miles in 1935 and 4,414 miles in 1936, and surfacing on urban extensions of State systems totaled 573 miles in 1935 and 614 miles in 1936.

[4] Includes some mileage for urban extensions or connecting streets.

Source: Bureau of Public Roads, Department of Agriculture

No. 421.—DISBURSEMENTS FOR HIGHWAYS UNDER SUPERVISION OF STATE HIGHWAY DEPARTMENTS, INCLUDING FEDERAL AID

NOTE.—Figures include disbursements, whether from current revenues or the proceeds of loans, for construction, maintenance, interest and principal payments on highway bonds, transfers to local units, and miscellaneous disbursements. Data beginning 1934 cover calendar years, while figures for earlier years for many States represent fiscal years. For the States reporting on a fiscal year basis in 1933, the net total disbursements for interim and overlapping periods between 1933 and 1934 amounted to $124,428,000

Division and State	Year in which first State aid law passed	1921	1930	1931	1932	1933	1934	1935	1936	1937
		Thousands of dollars								
Cont'l U.S.	--------	397,484	1,139,677	1,091,009	955,446	782,006	991,774	848,355	1,131,151	1,166,706
New England	--------	25,910	76,418	74,095	79,341	58,896	82,708	81,054	92,791	97,275
Maine	1901	6,524	17,184	18,442	16,243	10,490	12,988	11,671	14,192	16,360
N. Hampshire	1903	2,360	9,640	8,489	7,112	7,471	9,113	6,165	6,997	9,523
Vermont	1898	951	9,013	6,999	6,177	5,511	5,905	5,920	5,915	6,570
Mass'setts	1892	7,864	21,926	28,324	29,596	18,289	33,204	36,719	35,476	37,416
Rhode Island	1902	2,213	3,367	6,188	4,768	5,347	5,081	3,681	10,602	6,390
Connecticut	1895	5,998	15,288	[1] 5,653	15,445	11,788	16,417	16,898	19,609	21,016
Middle Atlantic	--------	101,475	216,236	192,315	172,429	137,259	184,343	127,513	188,121	223,186
New York	1898	36,855	73,233	73,924	54,285	42,206	60,262	54,770	68,239	94,756
New Jersey	1891	15,608	47,414	52,860	49,197	28,377	31,612	26,771	37,928	37,961
Pennsylvania	1903	49,012	95,589	65,531	68,947	66,676	92,469	45,972	81,954	90,469
E. N. Central	--------	68,512	190,673	153,465	166,894	127,083	168,249	141,442	188,268	194,784
Ohio	1904	15,547	47,491	34,161	36,703	20,705	44,067	25,772	32,895	34,871
Indiana	1917	8,110	22,569	20,771	23,183	[2] 8,800	21,868	17,953	25,084	21,532
Illinois	1905	15,693	48,854	42,022	45,092	40,194	43,476	42,729	49,035	69,152
Michigan	1905	16,744	46,136	36,540	36,211	24,272	28,428	23,653	40,885	30,021
Wisconsin	1911	12,417	25,623	19,371	25,705	33,112	30,410	31,335	40,369	39,208
W. N. Central	--------	41,087	171,732	167,043	131,290	103,289	126,126	112,817	151,654	134,015
Minnesota	1905	7,480	39,365	36,578	36,959	17,079	22,796	22,950	31,551	29,539
Iowa	1904	18,276	50,607	36,827	23,738	18,122	23,586	22,239	28,616	28,450
Missouri	1907	4,727	43,921	42,841	37,335	34,503	31,650	27,661	35,316	30,128
North Dakota	1909	1,030	3,992	6,957	5,084	[3] 5,074	7,160	4,911	7,522	6,602
South Dakota	1911	4,738	5,915	12,674	5,413	4,509	6,818	6,728	7,679	8,121
Nebraska	1911	4,836	11,087	13,718	10,057	11,124	12,825	10,379	13,140	10,917
Kansas	1911	--------	16,845	17,448	12,704	12,878	21,291	17,949	27,830	20,198
South Atlantic	--------	51,181	139,904	154,397	123,176	104,379	133,014	127,216	149,795	159,027
Delaware	1903	3,765	8,492	4,426	3,386	4,138	4,460	3,613	3,702	3,718
Maryland	1898	7,616	17,992	16,152	15,950	13,788	18,787	14,700	16,597	17,661
Virginia	1906	7,114	19,189	22,022	17,640	20,669	21,688	19,790	26,284	25,086
West Virginia	1909	1,877	23,308	24,385	20,070	13,521	19,550	20,406	21,316	22,618
N. Carolina	1901	15,100	25,613	26,193	22,516	20,475	26,103	28,083	36,134	36,709
S. Carolina	1917	3,941	22,753	31,681	15,328	[1] 8,125	13,672	12,597	15,356	19,630
Georgia	1908	9,664	12,699	17,468	20,756	14,537	12,750	16,479	16,120	22,966
Florida	1915	2,103	9,858	12,070	7,530	9,126	16,004	11,548	14,286	10,579
E. S. Central	--------	16,621	92,737	86,158	57,533	51,828	62,126	55,169	63,493	87,536
Kentucky	1912	5,757	19,497	23,552	20,174	18,169	17,805	18,806	14,373	23,784
Tennessee	1915	6,328	53,278	41,209	25,405	15,357	18,472	14,190	15,711	15,984
Alabama	1911	1,036	15,373	14,523	7,195	10,711	15,716	12,197	17,540	17,131
Mississippi	1915	3,500	4,589	6,874	4,759	[4] 7,591	10,133	9,976	15,869	30,637
W. S. Central	--------	26,897	136,738	133,535	101,960	88,229	84,026	80,597	113,901	101,220
Arkansas	1913	--------	39,821	26,291	8,168	[3] 7,274	12,945	16,102	16,346	18,335
Louisiana	1910	5,347	20,357	50,033	38,852	25,781	16,139	19,022	20,829	19,450
Oklahoma	1911	4,775	20,228	15,047	12,144	14,524	14,772	11,568	17,994	21,022
Texas	1917	16,775	47,332	42,164	42,796	40,650	40,170	33,905	49,732	42,413
Mountain	--------	27,463	47,023	58,372	50,136	49,757	67,636	50,088	78,769	78,044
Montana	1913	3,640	6,378	7,173	8,502	7,480	12,984	7,633	12,939	7,420
Idaho	1905	4,863	6,637	7,717	6,592	5,193	6,593	6,105	9,115	7,330
Wyoming	1911	3,446	3,590	7,097	5,151	4,360	5,983	5,078	6,545	6,304
Colorado	1909	4,156	8,144	11,862	6,796	9,696	11,011	7,781	15,943	23,284
New Mexico	1909	3,713	9,138	8,762	5,718	7,605	10,219	7,359	11,642	13,956
Arizona	1909	2,948	5,233	7,242	7,041	5,491	7,503	5,631	9,000	6,688
Utah	1909	3,107	5,193	6,824	6,037	6,084	7,325	5,914	7,481	7,899
Nevada	1911	1,590	2,710	[5] 1,695	4,299	3,848	6,018	4,587	6,104	5,163
Pacific	--------	38,339	68,215	71,632	72,685	61,286	83,546	72,459	104,359	91,619
Washington	1905	9,696	15,806	17,681	19,494	11,032	21,241	17,666	23,858	22,128
Oregon	1913	17,828	14,668	17,136	13,188	12,660	15,116	16,991	21,833	19,729
California	1895	10,815	37,741	36,815	40,003	37,594	47,189	37,802	58,668	49,762

[1] For 6 months ended June 30.
[2] For 9 months ended June 30.
[3] Owing to change in fiscal year, data include some disbursements reported also in 1932.
[4] For 11 months ended Dec. 25.
[5] For 7 months ended June 30.

Source: Bureau of Public Roads, Department of Agriculture.

No. 422.—FUNDS AVAILABLE AND DISTRIBUTION OF DISBURSEMENTS FOR STATE HIGHWAY PURPOSES, 1937

NOTE.—In thousands of dollars. Data for secondary roads under State control and urban extensions of State systems are included

Division and State	Funds available					Distribution of disbursements				
	Total	Motor-vehicle fees; motor-fuel and motor-carrier taxes	Federal funds [1]	Income from bonds, notes, and other loans	All other sources [2]	Total	Expenditures for State-administered highways: New and reconstructed roads and bridges [3]	Expenditures for State-administered highways: Maintenance roads and bridges [3]	Expenditures for State-administered highways: Other [4]	Other disbursements [5]
Cont'l U. S.	1,579,810	827,589	262,762	65,009	424,450	1,166,708	551,979	227,877	138,930	247,920
New England	123,662	65,070	16,830	1,012	40,750	97,275	37,654	15,900	7,329	36,392
Maine	19,465	9,244	3,670	1,012	5,539	16,360	7,685	4,075	1,809	2,791
New Hampshire	8,225	5,457	1,497	--------	1,271	9,523	3,025	3,028	877	2,593
Vermont	8,639	4,907	1,608	--------	2,124	6,570	2,856	1,356	490	1,868
Massachusetts	46,260	25,259	6,740	--------	14,261	37,416	11,238	3,220	1,139	21,819
Rhode Island	9,384	5,697	1,196	--------	2,491	6,390	1,977	1,197	773	2,443
Connecticut	31,689	14,506	2,119	--------	15,064	21,016	10,873	3,024	2,241	4,878
Middle Atlantic	397,437	190,393	39,569	19,262	148,213	223,186	70,614	47,952	33,019	71,601
New York	166,452	67,138	14,452	19,262	65,600	94,756	31,820	8,627	9,719	44,590
New Jersey	93,266	33,481	4,974	--------	54,811	37,961	6,251	2,974	4,837	23,899
Pennsylvania	137,719	89,774	20,143	--------	27,802	90,469	32,543	36,351	18,463	3,112
E. N. Central	281,153	158,523	42,776	--------	81,854	194,784	85,779	37,974	19,040	51,991
Ohio	47,650	27,048	8,629	--------	11,973	34,871	16,863	13,097	2,835	2,076
Indiana	26,725	18,662	6,233	--------	1,830	21,532	14,538	5,218	1,555	221
Illinois	92,290	55,979	15,649	--------	20,662	69,152	21,378	5,364	10,986	31,424
Michigan	61,507	23,302	4,882	--------	33,323	30,021	18,454	7,486	2,852	1,229
Wisconsin	52,981	31,532	7,383	--------	14,066	39,208	14,546	6,809	812	17,041
W. N. Central	146,211	84,663	36,178	3,037	22,333	134,015	72,386	26,029	15,220	20,380
Minnesota	30,596	18,555	5,958	--------	6,083	29,539	16,540	6,759	3,040	3,200
Iowa	33,251	17,788	7,602	2,787	5,074	28,450	14,816	3,392	3,691	6,551
Missouri	32,037	20,903	7,691	--------	3,443	30,128	15,743	5,151	6,174	3,060
North Dakota	7,163	2,635	3,518	250	760	6,602	3,458	1,408	520	1,276
South Dakota	8,823	3,453	4,017	--------	1,353	8,121	5,580	1,757	342	442
Nebraska	11,477	7,082	3,803	--------	592	10,917	7,092	2,944	443	438
Kansas	22,864	14,247	3,589	--------	5,028	20,198	9,157	4,618	1,010	5,413
South Atlantic	198,363	118,126	29,925	8,295	42,017	159,027	79,632	36,670	19,248	23,477
Delaware	4,778	3,196	1,006	--------	576	3,718	1,630	749	807	532
Maryland	20,124	13,829	2,647	1,201	2,447	17,661	6,337	1,672	2,256	7,396
Virginia	26,976	21,341	5,788	--------	[6] *153*	25,086	17,056	6,788	1,233	9
West Virginia	29,666	14,512	3,137	3,017	9,000	22,618	8,088	5,673	4,334	4,523
North Carolina	52,758	30,439	6,007	--------	16,312	36,769	11,334	13,645	6,300	5,490
South Carolina	28,160	10,708	3,826	4,077	9,549	19,630	11,169	2,631	3,334	2,496
Georgia	26,566	14,623	5,126	--------	6,817	22,966	17,589	2,099	497	2,781
Florida	9,335	9,478	2,388	--------	[6] *2,531*	10,579	6,429	3,413	487	250
E. S. Central	123,412	46,380	24,725	14,250	38,05	87,536	49,943	16,237	12,021	9,335
Kentucky	26,966	15,302	4,040	--------	7,624	23,784	9,473	9,963	2,650	1,698
Tennessee	37,554	15,102	5,127	69	17,256	15,984	5,351	2,385	5,172	3,076
Alabama	19,828	10,072	2,649	3,895	3,212	17,131	9,958	2,039	3,163	1,971
Mississippi	39,064	5,904	12,909	10,286	9,965	30,637	25,161	1,850	1,036	2,590
W. S. Central	110,316	62,925	28,152	11,592	7,647	101,220	56,269	18,310	16,767	9,874
Arkansas	21,321	11,944	5,284	--------	4,093	18,335	4,745	3,144	5,841	4,605
Louisiana	24,828	13,406	3,069	11,592	[6] *3,239*	19,450	7,110	3,071	5,969	3,300
Oklahoma	14,108	10,351	6,577	--------	[6] *2,820*	21,022	15,094	3,162	2,766	--------
Texas	50,059	27,224	13,222	--------	9,613	42,413	29,320	8,933	2,191	1,969
Mountain	96,323	32,775	24,000	6,561	32,987	78,044	54,039	11,533	7,648	4,824
Montana	8,703	4,630	3,296	--------	777	7,420	4,895	1,720	805	--------
Idaho	7,621	4,429	2,027	--------	1,165	7,330	5,153	1,686	333	158
Wyoming	6,914	2,620	3,436	--------	858	6,304	4,815	820	498	171
Colorado	33,004	6,682	4,519	--------	21,803	23,284	19,096	1,548	2,394	246
New Mexico	15,671	4,674	3,169	6,511	1,317	13,956	9,045	1,642	2,174	1,095
Arizona	6,537	3,995	2,215	--------	327	6,688	4,461	1,396	683	148
Utah	12,925	4,129	2,252	--------	6,544	7,899	3,266	1,937	316	2,380
Nevada	4,948	1,616	3,086	50	196	5,163	3,308	784	445	626
Pacific	102,933	70,734	20,607	1,000	10,592	91,619	45,663	17,272	8,638	20,046
Washington	28,394	19,270	4,756	--------	4,368	22,128	8,503	3,460	1,412	8,753
Oregon	20,324	13,542	4,590	1,000	1,192	19,729	8,457	3,615	2,586	5,071
California	54,215	37,922	11,261	--------	5,032	49,762	28,703	10,197	4,640	6,222

[1] Includes regular Federal-aid funds and emergency funds.
[2] Balance from previous year, transfers from local sources, earnings of sinking fund, and miscellaneous revenue.
[3] Includes some expenditures for administration and engineering.
[4] Administration and engineering expenses not charged to construction and maintenance, interest on bonds and notes, net expenditures for equipment, and miscellaneous expenses.
[5] Principal payments on bonds and notes, expenditures or transfers for local units, and miscellaneous disbursements.
[6] Net deficit; $2,568,000 deficit from previous year for Florida, $4,597,000 for Louisiana, $2,895,000 for Oklahoma, and $2,406,000 for Virginia.

Source: Bureau of Public Roads, Department of Agriculture.

No. 423.—FEDERAL AID AND EMERGENCY ROAD CONSTRUCTION AND GRADE CROSSING PROJECTS: STATUS AS OF DEC. 31, 1937

[All figures, except mileage data and number of grade crossings, in thousands of dollars]

Division and State	Regular Federal-aid road construction				Emergency road construction and grade-crossing projects [1]							
	Projects under construction [2]			Federal-aid funds available for new projects	Total allotment of emergency funds	Projects under construction [2]						Emergency funds available for new projects
						Roads			Grade crossing projects			
	Total cost	Federal-aid allotted	Mileage			Total cost	Emergency funds allotted	Mileage	Total cost	Emergency funds allotted	Number [3]	
Grand total [4]	156,297	77,847	4,921	81,738	985,000	25,340	23,317	520	42,946	41,385	728	12,431
New England	7,630	3,703	115	5,300	46,877	1,869	1,419	14	2,574	2,511	17	559
Maine	1,871	936	42	103	8,185	61	58	2	161	143	2	30
New Hampshire	519	256	10	986	4,647	121	101	6	53	29	1	1
Vermont	1,680	739	43	62	4,470	11	11	------	14	14	2	12
Massachusetts	2,250	1,125	5	1,877	17,421	1,323	932	1	1,189	1,189	5	358
Rhode Island	1,078	539	14	758	4,702	2	2	------	------	------	------	5
Connecticut	232	108	1	1,514	7,452	351	315	5	1,157	1,136	7	153
Middle Atlantic	21,512	10,477	325	3,669	124,276	5,797	5,179	45	7,711	7,344	52	1,824
New York	13,591	6,536	227	258	58,282	509	343	2	2,683	2,683	18	839
New Jersey	1,180	590	6	1,172	16,681	1,833	1,833	8	832	832	8	183
Pennsylvania	6,741	3,351	92	2,239	49,313	3,455	3,003	35	4,196	3,829	26	602
East North Central	28,311	13,933	601	9,092	166,900	2,922	2,882	40	8,364	7,889	224	898
Ohio	9,210	4,570	101	4,994	39,460	849	843	9	5,507	5,030	38	362
Indiana	2,898	1,449	89	1,718	25,179	52	52	------	857	857	165	166
Illinois	5,722	2,857	168	1,210	45,493	1,504	1,470	28	1,500	1,494	9	273
Michigan	5,919	2,960	141	48	32,255	382	382	3	101	101	------	18
Wisconsin	4,562	2,097	102	1,122	24,513	135	135	(5)	399	398	12	79
West North Central	22,431	11,583	1,135	13,729	157,803	2,995	2,833	66	6,106	6,077	41	791
Minnesota	3,030	1,504	125	1,159	26,755	632	533	8	676	670	4	195
Iowa	4,307	1,920	128	211	25,766	106	105	(5)	1,093	1,089	8	19
Missouri	4,545	2,176	126	1,322	30,509	1,075	1,020	1	2,029	2,029	11	225
North Dakota	1,310	1,290	77	2,901	14,818	110	110	1	389	389	1	164
South Dakota	1,621	897	174	3,013	15,285	343	338	28	175	175	6	35
Nebraska	4,415	2,195	409	1,999	19,221	486	486	8	471	471	6	67
Kansas	3,203	1,601	96	3,124	25,449	243	241	20	1,273	1,254	5	86
South Atlantic	23,405	11,079	823	14,484	124,081	6,117	5,665	220	7,382	7,317	243	4,950
Delaware	141	71	6	1,118	4,061	23	23	4	279	279	2	24
Maryland	1,809	903	29	1,497	9,187	1,015	1,010	17	866	816	13	811
Dist. of Columbia	------	------	------	------	4,253	------	------	------	------	------	------	------
Virginia	2,587	1,248	65	870	18,609	281	238	10	1,118	1,111	14	295
West Virginia	1,577	787	43	1,936	11,664	526	469	21	1,526	1,525	18	130
North Carolina	4,957	2,308	194	1,842	23,907	263	263	14	1,199	1,199	129	166
South Carolina	5,028	2,109	212	800	13,992	831	752	28	917	910	29	421
Georgia	4,590	2,295	209	3,943	25,090	2,965	2,697	119	1,358	1,358	37	2,869
Florida	2,716	1,358	65	2,478	13,318	213	213	1	119	119	1	234
East South Central	11,113	5,602	405	13,814	77,660	2,154	2,144	79	4,957	4,667	45	1,035
Kentucky	3,453	1,727	89	2,278	18,734	304	304	5	1,984	1,694	11	87
Tennessee	1,726	863	49	4,178	20,892	778	778	17	2,070	2,070	20	250
Alabama	2,088	1,044	89	4,783	20,816	323	316	12	379	379	2	118
Mississippi	3,846	1,968	178	2,575	17,218	749	746	45	524	524	12	580
West South Central	20,243	9,004	676	11,164	114,867	1,876	1,702	37	3,579	3,445	69	886
Arkansas	1,413	1,409	86	2,209	17,103	193	193	10	687	687	22	98
Louisiana	6,555	1,430	45	1,688	14,896	385	324	7	982	982	11	287
Oklahoma	2,574	1,331	105	3,046	23,487	480	480	8	1,354	1,220	19	86
Texas	9,701	4,834	440	4,221	59,381	818	705	12	556	556	17	415
Mountain	9,846	6,234	618	7,523	99,640	819	772	10	1,190	1,108	31	1,406
Montana	1,868	1,050	86	1,970	17,608	223	223	(5)	246	186	2	64
Idaho	878	524	68	789	10,661	67	67	------	253	253	8	73
Wyoming	1,291	778	143	124	10,369	51	51	1	111	111	1	93
Colorado	867	475	23	1,667	16,387	101	101	6	438	438	18	1,019
New Mexico	2,177	1,428	110	244	13,331	99	99	1	26	26	------	25
Arizona	1,233	797	52	979	11,680	59	59	------	85	63	2	53
Utah	910	646	75	1,080	9,625	112	112	(5)	18	18	------	41
Nevada	622	536	61	670	9,979	107	60	2	13	13	------	38
Pacific	10,491	5,681	198	1,730	68,695	503	495	2	856	856	4	252
Washington	3,249	1,704	40	551	15,343	151	144	2	368	368	2	58
Oregon	1,521	928	64	730	14,578	92	92	------	74	74	1	72
California	5,721	2,949	94	449	38,774	260	259	------	414	414	1	122
Hawaii	522	258	9	1,149	4,201	291	230	7	226	170	2	31
Puerto Rico	792	394	16	88	------	------	------	------	------	------	------	------

[1] As provided for by National Industrial Recovery Act, by act of June 18, 1934, and by Emergency Relief Appropriation Act of 1935; total funds allotted include $196,000,000 for grade-crossing projects.

[2] Projects approved for construction are as follows: Federal-aid roads, 2,320 miles, estimated cost, $73,905,000, Federal aid allotted, $34,509,000; emergency road construction, 165 miles, emergency funds allotted, $4,908,000; grade crossings, 363 projects, estimated cost, $5,924,000, emergency funds allotted, $5,460,000.

[3] Includes grade crossings eliminated, grade separations reconstructed, and grade crossings protected by signals, etc.

[4] Includes Hawaii and Puerto Rico.

[5] Less than one-half mile or less than $500.

Source: Bureau of Public Roads, Department of Agriculture.

No. 424.—PRODUCTION AND REGISTRATION OF MOTOR VEHICLES

NOTE.—Figures for 1921 and subsequent years include data for motor vehicles of United States design made by Canadian plants, and for motor vehicles assembled in foreign countries from parts made in the United States. No data for motorcycles are included.

Year	Production [1]						Registration (in thousands)		
	Number (in thousands)			Wholesale value (thousands of dollars)			Total	Passenger cars, busses, and taxis	Trucks and road tractors [2]
	Total	Passenger cars	Motor trucks [3]	Total	Passenger cars	Motor trucks [3]			
1900	4	4	-------	4,899	4,899	-------	8	8	-------
1905	25	25	(4)	40,000	39,030	970	78	77	1
1907	44	43	1	93,400	92,040	1,360	142	140	2
1908	65	64	2	137,800	135,250	2,550	198	194	3
1909	131	128	3	165,149	159,919	5,230	312	306	6
1910	187	181	6	225,000	215,340	9,660	469	459	10
1911	210	199	11	246,000	225,000	21,000	640	620	20
1912	378	356	22	378,000	335,000	43,000	944	903	41
1913	485	462	24	443,902	399,902	44,000	1,258	1,194	64
1914	569	544	25	458,958	413,859	45,098	1,711	1,626	86
1915	970	896	74	701,778	575,978	125,800	2,446	2,310	136
1916	1,618	1,526	92	1,082,378	921,378	161,000	3,513	3,298	215
1917	1,874	1,746	128	1,274,488	1,053,506	220,983	4,983	4,657	326
1918	1,171	943	227	1,236,107	801,938	434,169	6,147	5,622	525
1919	1,934	1,658	276	1,885,113	1,461,786	423,327	7,565	6,771	794
1920	2,227	1,906	322	2,232,420	1,809,171	423,249	9,232	8,226	1,006
1921	1,682	1,518	164	1,261,667	1,091,752	169,914	10,463	9,483	980
1922	2,646	2,369	277	1,793,023	1,561,741	231,282	12,238	10,960	1,279
1923	4,180	3,754	427	2,592,033	2,274,554	317,479	15,092	13,540	1,553
1924	3,738	3,304	434	2,367,413	2,040,707	326,706	17,594	15,461	2,133
1925	4,428	3,871	557	3,015,164	2,544,529	470,635	19,937	17,496	2,441
1926	4,506	3,949	557	3,214,817	2,746,065	468,753	22,001	19,237	2,764
1927	3,580	3,083	497	2,700,706	2,265,633	435,073	23,133	20,219	2,914
1928	4,601	4,012	589	3,162,799	2,703,754	459,045	24,493	21,379	3,114
1929	5,622	4,795	827	3,576,646	2,981,142	595,504	26,501	23,122	3,380
1930	3,510	2,910	600	2,126,602	1,720,652	405,950	26,545	23,059	3,486
1931	2,472	2,038	434	1,426,656	1,153,908	272,748	25,814	22,348	3,466
1932	1,431	1,186	245	793,045	650,781	142,264	24,115	20,884	3,231
1933	1,986	1,627	359	987,436	795,305	192,132	23,874	20,644	3,231
1934	2,870	2,271	599	1,537,290	1,204,376	332,914	24,952	21,532	3,419
1935	4,120	3,388	732	2,187,847	1,788,635	399,212	26,231	22,583	3,647
1936	4,616	3,798	818	2,574,422	2,092,460	481,961	28,166	24,178	3,987
1937	5,016	4,069	948	2,971,028	2,397,718	573,310	29,705	25,450	4,255

[1] See headnote.
[2] Road tractors are not included prior to 1924.
[3] A substantial part of the trucks reported comprises chassis without body; hence the value of bodies for these chassis is not included.
[4] Less than 500.

Sources: Automobile Manufacturers Association and Bureau of Public Roads.

No. 425.—FACTORY SALES OF PASSENGER CARS (UNITED STATES AND CANADA) BY WHOLESALE PRICE CLASSES, AND PERCENT OF CLOSED CARS

NOTE.—See headnote, table 424. For index numbers of retail sales of new passenger cars, see table 837, p. 819

Year	Number sold								Percent of closed cars
	Total	$500 and under	$501 to $750	$751 to $1,000	$1,001 to $1,500	$1,501 to $2,000	$2,001 to $3,000	Over $3,000	
1925	3,870,744	2,019,708	660,520	545,981	462,243	103,119	54,814	24,359	56.5
1926	3,948,843	1,633,775	1,149,301	500,508	476,675	94,915	73,738	19,931	72.0
1927	3,083,360	1,039,216	957,987	446,663	466,902	107,425	50,064	15,103	84.0
1928	4,012,158	1,698,603	1,219,266	462,452	456,117	108,448	55,304	11,068	88.5
1929	4,794,898	2,585,414	1,317,116	387,835	347,340	98,086	47,587	11,520	89.4
1930	2,910,187	1,754,747	680,352	204,450	179,180	55,351	27,266	8,841	90.4
1931	2,038,183	1,328,294	413,929	162,954	80,687	33,846	12,714	5,759	92.9
1932	1,186,185	704,164	260,831	74,610	36,670	8,699	8,679	2,532	96.0
1933	1,627,361	1,316,341	237,099	32,610	20,125	10,409	8,725	2,052	98.5
1934	2,270,566	1,443,357	715,989	66,223	27,576	8,391	6,879	2,151	98.8
1935	3,387,806	1,787,171	1,444,520	110,813	28,736	8,716	5,413	2,428	99.5
1936	3,797,897	1,919,618	1,677,558	143,269	39,997	11,545	4,326	1,584	99.6
1937	4,068,935	1,368,018	2,392,415	260,280	31,226	11,633	4,061	1,302	99.9

Source: Automobile Manufacturers Association.

No. 426.—MOTOR-VEHICLES—FACTORY SALES IN UNITED STATES

NOTE.—See also table 814

Month	1930	1931	1932	1933	1934	1935	1936	1937	1938
	Passenger cars [1]								
Total	2,784,745	1,973,090	1,135,491	1,573,512	2,177,919	3,252,244	3,669,528	3,915,889	--------
January	233,815	138,317	98,803	109,833	112,754	227,554	297,692	309,494	155,505
February	280,016	180,419	94,110	90,128	186,774	273,576	224,211	296,788	139,380
March	330,922	231,244	99,399	97,469	279,274	359,410	342,870	403,879	174,065
April	372,932	286,917	120,937	149,755	288,355	387,158	416,431	439,980	176,078
May	361,368	271,475	157,756	180,651	273,764	305,547	384,921	425,432	154,958
June	285,936	210,396	160,338	207,597	261,280	294,182	375,337	411,414	136,531
July	222,205	184,173	94,705	191,265	223,094	274,344	371,922	360,400	106,841
August	183,918	155,425	75,907	191,414	183,500	181,130	209,351	311,456	58,624
September	176,426	109,228	64,748	157,376	125,040	56,097	90,101	118,671	65,159
October	113,808	58,415	35,107	104,870	84,003	213,310	190,242	298,662	--------
November	101,141	49,184	47,532	42,365	49,020	336,914	341,085	295,328	--------
December	122,258	97,897	86,149	50,789	111,061	343,022	425,365	244,385	--------
	Motor trucks and busses [1]								
Total	571,241	416,648	235,187	346,545	575,192	694,690	784,587	893,085	--------
January	39,406	33,531	20,541	18,992	42,912	62,174	66,250	70,109	54,001
February	50,398	39,521	23,308	15,319	43,482	58,655	63,331	67,405	47,143
March	65,466	45,161	19,560	17,803	59,160	66,503	78,052	90,242	47,731
April	71,092	50,022	27,389	26,677	64,620	65,778	86,243	96,170	43,236
May	58,659	45,688	26,539	33,760	56,691	55,560	75,591	91,487	37,110
June	48,570	40,244	22,768	42,130	45,197	62,158	77,631	85,898	38,136
July	43,328	34,317	14,438	38,092	41,839	57,765	68,809	78,568	34,596
August	40,450	31,772	14,418	41,441	51,311	56,270	61,923	82,874	31,860
September	44,223	31,338	19,402	34,424	44,967	31,443	45,064	52,542	18,375
October	40,593	21,727	13,595	29,813	47,988	58,733	34,446	31,214	--------
November	35,613	19,683	12,025	18,318	34,462	58,145	53,902	64,727	--------
December	33,443	23,644	21,204	29,776	42,563	61,506	73,345	81,849	--------

[1] Passenger cars include taxicabs; trucks and busses include ambulances, funeral cars, fire apparatus, street sweepers, and road tractors.

No. 427.—STATE MOTOR-FUEL TAXES

State	Receipts from taxes, licenses, fees, etc.[1] (thousands of dollars)			Tax, cents per gallon, Dec. 31		State	Receipts from taxes, licenses, fees, etc.[1] (thousands of dollars)			Tax, cents per gallon, Dec. 31	
	1935	1936	1937	1936	1937		1935	1936	1937	1936	1937
Total	619,777	691,420	761,998	[2] 4	[2] 4	Montana	3,845	4,455	4,581	5	5
						Nebraska	9,809	11,320	11,030	5	5
Alabama	10,313	11,803	13,350	6	6	Nevada	962	1,080	1,177	4	4
Arizona	3,279	3,843	4,333	5	5	New Hampshire	2,868	3,181	3,286	4	4
Arkansas	8,262	9,235	9,962	6½	6½	New Jersey	18,205	19,106	21,593	3	3
California	39,984	43,008	46,624	3	3	New Mexico	2,878	3,410	4,022	5	5
Colorado	6,010	6,833	7,431	4	4	New York	56,311	55,709	61,915	3	4
Connecticut	5,672	8,835	9,496	3	3	North Carolina	19,147	20,961	23,393	6	6
Delaware	1,482	1,856	2,034	4	4	North Dakota	2,323	2,301	2,935	3	3
Dist. of Col.	2,197	2,393	2,732	2	2	Ohio	39,169	43,450	46,538	4	4
Florida	17,897	20,317	22,466	7	7	Oklahoma	11,877	13,216	13,772	4	4
Georgia	15,772	17,493	19,550	6	6	Oregon	7,943	9,218	9,801	5	5
Idaho	3,124	3,696	4,037	5	5	Pennsylvania	40,709	49,383	55,720	4	4
Illinois	30,385	33,819	36,266	3	3	Rhode Island	2,106	2,230	3,094	2	3
Indiana	19,262	21,154	23,497	4	4	South Carolina	8,584	9,695	11,135	6	6
Iowa	11,549	12,196	13,047	3	3	South Dakota	4,315	4,186	4,155	4	4
Kansas	8,961	9,520	10,236	3	3	Tennessee	14,966	18,158	18,938	7	7
Kentucky	9,836	11,277	12,671	5	5	Texas	33,606	38,471	41,678	4	4
Louisiana	9,417	12,207	16,000	7	7	Utah	2,714	3,088	3,424	4	4
Maine	4,573	5,202	5,550	4	4	Vermont	2,049	2,277	2,323	4	4
Maryland	8,278	8,921	9,857	4	4	Virginia	13,341	14,714	16,122	5	5
Massachusetts	17,334	18,448	19,836	3	3	Washington	12,568	14,345	15,282	5	5
Michigan	22,791	25,739	29,430	3	3	West Virginia	6,103	6,810	8,496	4	5
Minnesota	11,362	12,329	15,493	3	4	Wisconsin	16,250	18,028	19,751	4	4
Mississippi	7,512	9,062	[3] 10,222	6	6	Wyoming	1,932	2,254	2,500	4	4
Missouri	9,845	11,188	11,217	2	2						

[1] Taxes on motor fuel and receipts from distributors' and dealers' licenses, inspection fees, fines and penalties, fees for motor-fuel carrier permits, refund or exemption permits, interest on deposits, and miscellaneous unclassified items.

[2] Weighted average rate for the year.

[3] Not including taxes of $151,000, imposed in several Counties for sea-wall protection.

Sources: Table 426, Bureau of the Census, Department of Commerce (data published currently in mimeographed reports); table 427, Bureau of Public Roads, Department of Agriculture.

No. 428.—MOTOR VEHICLE REGISTRATIONS: Passenger Cars and Motor Trucks Combined, by States

Note.—Registration periods ending not earlier than Nov. 30 and not later than Jan. 31 are considered as calendar-year periods. Net numbers, excluding reregistrations and nonresident registrations, are given, so far as possible. Totals in this table do not include, in most cases, those official cars which are exempt (or partially exempt) from paying regular registration fees to the States. Tractor trucks and tractors for highway use are included beginning with 1925

Division and State	1915	1920	1925	1930	1935	1936	1937
Continental U. S.	2,445,666	9,231,941	19,937,274	26,545,281	26,230,834	28,165,550	29,705,220
New England	206,609	573,321	1,290,151	1,698,619	1,680,828	1,777,059	1,866,510
Maine	21,545	62,907	140,499	186,157	181,165	191,554	200,907
New Hampshire	13,449	34,680	81,498	112,183	117,154	122,236	125,939
Vermont	11,499	31,625	69,576	86,624	[1] 81,513	84,155	88,958
Massachusetts	102,633	274,498	646,153	846,206	785,572	816,711	846,556
Rhode Island	16,362	50,477	101,756	136,423	148,597	159,140	167,586
Connecticut	41,121	119,134	250,669	331,026	366,827	403,263	436,564
Middle Atlantic	497,227	1,474,106	3,536,570	4,914,101	4,964,655	5,254,320	5,541,021
New York	255,242	676,205	1,625,583	2,307,730	2,330,962	2,453,542	2,561,703
New Jersey	81,848	227,737	580,554	852,850	888,292	943,412	994,497
Pennsylvania	160,137	570,164	1,330,433	1,753,521	1,745,401	1,857,366	1,984,821
East North Central	658,665	2,229,396	4,918,383	6,384,157	6,084,562	6,550,740	6,960,579
Ohio	181,332	621,390	1,346,400	1,759,363	[1] 1,714,627	[2] 1,777,048	1,876,132
Indiana	96,915	333,067	725,410	875,763	850,650	905,088	956,016
Illinois	180,832	568,924	1,263,177	1,638,260	1,525,817	1,659,750	1,768,946
Michigan	114,845	412,717	989,010	1,328,209	1,239,431	1,373,676	1,505,111
Wisconsin	79,741	293,298	594,386	782,562	754,037	835,178	854,374
West North Central	499,992	1,782,946	2,941,814	3,681,901	3,495,150	3,667,070	3,761,437
Minnesota	93,269	324,166	569,694	732,972	726,993	783,627	822,598
Iowa	145,109	437,378	659,202	778,386	699,016	728,414	745,602
Missouri	76,462	297,008	604,166	761,600	766,369	809,615	835,895
North Dakota	24,908	90,840	144,972	183,019	164,217	167,241	173,188
South Dakota	28,724	120,395	168,028	205,172	179,271	186,480	184,743
Nebraska	59,000	219,000	338,719	426,229	406,178	413,787	412,726
Kansas	72,520	294,159	457,033	594,523	553,106	577,906	586,685
South Atlantic	150,594	806,053	1,920,982	2,517,673	2,656,918	2,897,724	3,048,244
Delaware	5,052	18,300	40,140	56,109	56,560	59,629	63,599
Maryland	31,047	102,841	234,247	321,702	345,578	378,462	387,410
District of Columbia	8,009	34,161	103,092	156,676	171,464	181,319	184,119
Virginia	21,357	115,470	282,650	375,889	[3] 385,555	417,463	440,713
West Virginia	13,279	80,664	217,589	266,273	248,379	280,015	290,337
North Carolina	21,000	140,860	[4] 340,287	453,241	463,123	504,517	525,350
South Carolina	15,000	93,843	168,496	218,402	[5] 235,919	278,829	296,224
Georgia	25,000	146,000	248,093	341,580	394,006	410,583	441,847
Florida	[6] 10,850	73,914	286,388	327,801	356,244	386,907	418,145
East South Central	48,421	357,658	878,115	1,213,501	1,126,993	1,256,550	1,344,484
Kentucky	19,500	112,083	261,647	331,002	346,130	372,576	404,455
Tennessee	[7] 7,618	101,852	244,626	368,259	351,898	380,792	400,384
Alabama	11,634	74,637	194,580	277,146	[8] 242,676	297,292	313,359
Mississippi	9,669	68,486	177,262	237,094	186,289	205,890	226,286
West South Central	84,433	772,655	1,790,017	2,411,714	2,360,458	2,529,685	2,652,742
Arkansas	8,021	59,082	183,589	220,204	207,429	217,227	229,867
Louisiana	11,380	73,000	207,000	275,283	268,824	302,420	323,498
Oklahoma	25,032	212,880	424,345	550,331	502,101	531,914	547,263
Texas	[9] 40,000	427,693	975,083	1,365,896	[3] 1,382,104	1,478,124	1,552,114
Mountain	78,520	374,473	675,706	962,572	958,997	1,071,929	1,149,719
Montana	14,540	60,650	94,656	135,168	149,712	167,150	173,892
Idaho	7,071	50,861	81,506	119,077	118,266	133,037	142,110
Wyoming	3,976	23,926	47,711	61,501	69,998	76,603	81,837
Colorado	28,894	129,255	240,097	308,509	284,578	316,050	337,217
New Mexico	5,100	22,100	49,111	84,150	92,457	108,729	118,106
Arizona	7,753	34,601	68,029	110,525	103,122	115,035	129,210
Utah	9,177	42,616	73,427	113,997	106,006	116,816	126,692
Nevada	2,009	10,464	21,169	29,645	34,858	38,509	40,655
Pacific	226,205	861,333	1,985,536	2,761,043	2,902,273	3,160,473	3,380,484
Washington	38,823	173,920	328,442	446,062	453,660	499,760	535,483
Oregon	23,585	103,790	216,553	[10] 273,625	[11] 297,112	[11] 332,729	360,348
California	163,797	583,623	1,440,541	2,041,356	2,151,501	2,327,984	2,484,653

[1] For 15 months ended Mar. 31, 1936.
[2] For 9 months ended Dec. 31, 1936.
[3] For registration year ended Mar. 31, 1936.
[4] For 6 months ended Dec. 31.
[5] For registration year ended Oct. 31.
[6] Registrations incomplete.
[7] Cars registered during 1915 only; total, approximately 26,000.
[8] For registration year ended Sept. 30.
[9] Estimated.
[10] For registration year ended June 30.
[11] Includes trailers.

Source: Bureau of Public Roads, Department of Agriculture.

No. 429.—REGISTRATIONS AND REVENUES FROM MOTOR VEHICLES, 1937

Division and State	Number of motor cars: Total	Registered vehicles, private and commercial: Passenger cars, busses, and taxis	Registered vehicles, private and commercial: Trucks, tractor trucks, etc.	Publicly owned vehicles, Federal, State, county, etc.	Trailers, registered (including official)[1]	Motorcycles, registered (including official)	Receipts from motor-vehicle administration: Total receipts[2]	Receipts from motor-vehicle administration: Registration motor cars
							Thousands of dollars	
Continental U. S.	[3] 30,039,892	25,449,924	4,255,296	[4] 336,072	[5] 1,030,869	[6] 113,176	399,613	328,285
New England	1,883,938	1,596,902	269,608	18,828	33,079	6,607	24,978	17,697
Maine	203,676	157,736	[7] 43,171	2,769	[7] 9,916	914	3,865	[8] 2,932
New Hampshire	127,188	[9] 99,983	[9] 25,956	1,249	4,487	964	2,347	2,067
Vermont	89,764	[10] [11] 79,606	[10] 9,352	[11] 806	1,719	491	2,410	2,036
Massachusetts	[12] 853,028	[12] 742,521	104,035	[12] 7,872	11,371	1,181	6,875	4,221
Rhode Island	169,377	148,583	19,003	1,791	610	830	2,790	2,194
Connecticut	440,905	368,473	68,091	4,341	4,976	2,227	6,691	4,247
Middle Atlantic	5,605,543	4,834,287	706,734	64,522	71,871	28,950	110,504	84,295
New York	2,592,568	2,233,695	328,008	30,865	37,651	11,459	52,901	42,947
New Jersey	1,006,640	861,795	132,702	12,143	6,767	5,250	19,271	13,601
Pennsylvania	2,006,335	1,738,797	246,024	21,514	27,453	12,241	38,332	27,747
East North Central	7,014,112	6,138,770	821,809	53,533	344,568	26,579	91,961	80,765
Ohio	1,897,608	[9] 1,695,648	[9] 180,484	21,476	120,215	8,210	25,635	22,747
Indiana	963,351	815,724	140,292	7,335	61,220	4,246	9,827	7,768
Illinois	1,780,825	[9] 1,554,567	[9] 214,379	11,879	23,612	6,515	21,430	19,455
Michigan	1,507,640	[11] [13] 1,359,665	[13] 145,446	[11] 2,529	133,937	4,096	22,085	18,514
Wisconsin	864,688	713,166	141,208	10,314	5,584	3,512	12,984	12,281
West North Central	3,788,167	3,205,589	555,848	26,730	184,414	8,910	40,794	35,976
Minnesota	829,811	704,437	118,161	7,213	29,759	2,084	8,867	8,309
Iowa	752,220	657,734	87,868	6,618	[14] 66,489	2,370	11,918	10,888
Missouri	840,196	701,894	134,001	4,301	31,067	1,736	9,638	8,184
North Dakota	174,531	141,104	32,084	1,343	825	262	1,581	1,407
South Dakota	186,982	155,948	28,795	2,239	20,254	433	1,650	1,572
Nebraska	416,231	350,833	61,893	3,505	30,100	1,027	2,603	1,980
Kansas	588,196	[11] 493,639	93,046	[11] 1,511	5,920	998	4,537	3,636
South Atlantic	3,087,551	2,581,535	466,709	39,307	93,322	11,114	39,081	31,884
Delaware	64,931	[9] 53,285	[9] 10,314	1,332	2,685	307	1,202	870
Maryland	389,492	[11] 332,928	54,482	[11] 2,082	3,517	1,606	5,577	3,497
Dist. of Columbia	187,632	165,257	18,862	[15] 3,513	2,268	938	878	188
Virginia	449,384	371,708	69,005	8,671	6,950	2,038	6,153	5,449
West Virginia	296,772	246,162	44,675	5,935	3,337	1,232	6,162	4,706
North Carolina	527,832	449,897	75,453	2,482	40,212	1,451	8,855	[6] [16] 8,546
South Carolina	301,484	250,820	45,404	5,260	5,729	969	1,690	1,156
Georgia	445,102	[11] 363,641	78,206	[11] 3,255	12,343	1,134	2,368	1,875
Florida	424,922	347,837	70,308	6,777	16,281	1,439	6,196	5,597
East South Central	1,366,479	1,117,224	227,260	21,995	7,176	3,825	16,045	12,793
Kentucky	410,199	345,114	59,341	5,744	12	1,081	5,125	2,706
Tennessee	409,277	341,648	[7] 58,736	8,893	[7] 174	1,474	4,233	[16] 3,910
Alabama	319,132	257,248	56,111	5,773	4,894	1,035	4,439	[16] 3,979
Mississippi	227,871	[11] 173,214	53,072	[11] 1,585	2,096	235	2,248	2,198
West South Central	2,692,703	2,105,524	547,218	39,961	101,948	6,798	33,219	29,044
Arkansas	234,769	173,923	55,944	4,902	12,315	534	3,241	2,553
Louisiana	330,145	245,665	77,833	6,647	14,661	919	4,710	4,052
Oklahoma	556,191	448,588	98,675	8,928	26,567	1,156	5,584	4,131
Texas	1,571,598	1,237,348	314,766	19,484	48,405	4,189	19,684	18,308
Mountain	1,171,405	930,120	219,599	21,686	43,324	4,158	11,248	9,512
Montana	177,469	134,729	39,163	3,577	2,868	457	1,532	1,257
Idaho	144,901	113,605	28,505	2,791	18,831	575	2,498	2,295
Wyoming	83,619	64,459	17,378	1,782	10,227	295	597	549
Colorado	339,116	[11] 282,123	55,094	[11] 1,899	1,480	1,338	2,603	2,051
New Mexico	120,916	90,833	27,273	2,810	2,912	377	1,544	1,421
Arizona	133,337	106,237	22,973	4,127	4,515	457	1,143	807
Utah	130,217	105,571	21,121	3,525	1,174	538	1,049	865
Nevada	41,830	32,563	8,092	1,175	1,317	121	282	267
Pacific	3,427,662	2,939,973	440,511	47,078	151,135	16,228	31,783	26,319
Washington	545,316	450,906	84,577	9,833	16,367	2,242	4,402	2,530
Oregon	367,094	299,689	[7] 60,659	6,746	[7] 33	1,562	3,378	[8] 2,617
California	2,515,152	[9] 2,189,378	[9] 295,275	30,499	134,735	12,424	24,003	21,172

[1] As reported. State registration requirements differ widely.
[2] Includes registration fees, certificates of title, transfer or reregistration fees, permits, fines, etc.; excludes motor-fuel and motor-carrier taxes.
[3] Adjusted to exclude duplication referred to in note 12. Includes 2,432 publicly owned motor vehicles not accounted for in State figures.
[4] Includes 2,432 vehicles not accounted for in State figures.
[5] Includes 32 trailers not accounted for in State figures.
[6] Includes 7 motorcycles not accounted for in State figures.
[7] Some trailers registered with trucks.
[8] Includes fees for registration of trailers.
[9] Busses included with trucks.
[10] Light delivery trucks included with passenger cars.
[11] State, county, and municipal vehicles included with private and commercial vehicles.
[12] 1,400 publicly owned vehicles included also with registered vehicles; total adjusted to exclude duplication.
[13] Taxicabs and busses included with motor trucks.
[14] Includes 59,200 light trailers registered without charge.
[15] Includes 444 automobiles of the diplomatic corps.
[16] Includes receipts for dealers' licenses and plates.

Source: Bureau of Public Roads, Department of Agriculture.

No. 430.—AUTOMOBILE FATALITIES FOR THE DEATH REGISTRATION AREA IN CONTINENTAL UNITED STATES

NOTE.—This table covers all deaths from automobile accidents, excluding deaths as a result of train and street car collisions with automobiles, and motorcycle accidents. Rural area and urban area or city population figures shown for 1930 to 1933 and used in computing rates for these years are the latest revised estimates. The term "rural area" includes all rural parts of the registration States excluding cities having populations of 10,000 or more; "urban area" includes all cities having populations of 10,000 or more in the registration States; and "cities in nonregistration States" includes only a few cities in certain States not in the death registration area

Year	Registration area			Registration States				
	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population	Number of cars registered (including official)	Deaths per 100,000 cars
1913	63,200,625	2,488	3.9	58,235,115	2,241	3.8	882,911	253.8
1914	65,813,315	2,826	4.3	60,943,663	2,571	4.2	1,234,844	208.2
1915	67,095,681	3,978	5.9	61,881,753	3,589	5.8	1,776,064	202.2
1916	71,349,162	5,193	7.3	66,371,691	4,737	7.1	2,511,805	188.6
1917	74,984,498	6,724	9.0	69,646,824	6,064	8.7	3,530,268	171.8
1918	81,333,675	7,525	9.3	79,536,574	7,310	9.2	4,715,317	155.0
1919	85,166,043	7,968	9.4	83,612,508	7,771	9.3	5,922,572	131.2
1920	87,632,592	9,103	10.4	86,179,774	8,878	10.3	7,440,420	119.3
1921	89,102,434	10,168	11.4	87,592,175	9,903	11.3	8,578,536	115.4
1922	93,866,240	11,666	12.4	92,540,579	11,466	12.4	10,374,993	110.5
1923	97,816,104	14,411	14.7	96,385,407	14,157	14.7	13,359,965	106.0
1924	100,082,062	15,528	15.5	98,471,683	15,221	15.5	15,714,878	96.9
1925	102,951,999	17,571	17.1	101,111,137	17,149	17.0	17,875,567	95.9
1926	104,938,301	18,871	18.0	102,991,160	18,419	17.9	19,838,947	92.8
1927	108,177,568	21,160	19.6	106,309,646	20,704	19.5	21,084,564	98.2
1928	114,258,516	23,765	20.8	113,050,663	23,427	20.7	23,126,127	101.3
1929	116,317,515	27,066	23.3	115,097,972	26,662	23.2	25,097,555	106.2
1930	118,472,000	29,080	24.5	117,249,000	28,684	24.5	25,350,499	113.1
1931	119,479,000	30,042	25.1	118,215,000	29,658	25.1	24,705,328	120.0
1932	120,291,000	26,350	21.9	119,027,000	26,033	21.9	23,085,036	112.8
1933 [1]	125,770,000	29,323	23.3	125,770,000	29,323	23.3	24,103,909	121.7
1934 [1]	126,626,000	33,980	26.8	126,626,000	33,980	26.8	25,223,170	134.7
1935 [1]	127,521,000	34,183	26.8	127,521,000	34,183	26.8	26,514,791	128.9
1936 [1]	128,429,000	35,761	27.8	128,429,000	35,761	27.8	28,520,559	125.4

Year	Rural area of registration States			Urban area in registration States			Cities in nonregistration States		
	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population	Population	Number of deaths	Rate per 100,000 population
1913	29,108,597	687	2.4	29,126,518	1,554	5.3	4,965,510	247	5.0
1914	30,829,210	896	2.9	30,114,453	1,675	5.6	4,869,652	255	5.2
1915	31,078,193	1,226	3.9	30,803,560	2,363	7.7	5,213,928	389	7.5
1916	34,752,780	1,684	4.8	31,618,911	3,053	9.7	4,977,471	456	9.2
1917	36,928,787	2,174	5.9	32,718,037	3,890	11.9	5,337,674	660	12.4
1918	41,844,499	2,368	5.7	37,692,075	4,942	13.1	1,797,101	215	12.0
1919	44,664,983	2,508	5.6	38,947,525	5,263	13.5	1,553,535	197	12.7
1920	44,475,250	2,757	6.2	41,704,524	6,121	14.7	1,452,818	225	15.5
1921	45,070,088	3,368	7.5	42,522,087	6,535	15.4	1,510,259	265	17.5
1922	48,575,329	4,020	8.3	43,965,250	7,446	16.9	1,325,661	200	15.1
1923	50,867,586	5,209	10.2	45,517,821	8,948	19.7	1,430,697	254	17.8
1924	52,047,381	5,668	10.9	46,424,302	9,553	20.6	1,610,379	307	19.1
1925	53,580,742	6,509	12.1	47,530,395	10,640	22.4	1,840,862	422	22.9
1926	54,389,753	7,348	13.5	48,601,407	11,071	22.8	1,947,141	452	23.2
1927	56,613,922	8,452	14.9	49,695,724	12,252	24.7	1,867,922	456	24.4
1928	61,350,563	9,997	16.3	51,700,100	13,430	26.0	1,207,853	338	28.0
1929	62,421,794	11,797	18.9	52,676,178	14,865	28.2	1,219,543	404	33.1
1930	60,565,200	12,193	20.1	56,772,800	16,491	29.0	1,222,800	396	32.4
1931	60,302,100	12,702	21.1	57,854,900	16,956	29.3	1,264,200	384	30.4
1932	61,033,400	11,304	18.5	57,824,600	14,729	25.5	1,264,200	317	25.1
1933 [1]	65,411,700	13,267	20.3	60,281,300	16,056	26.6	(1)	(1)	(1)
1934 [1]	(2)	15,712	(2)	(2)	18,268	(2)	(1)	(1)	(1)
1935 [1]	(2)	16,521	(2)	(2)	17,662	(2)	(1)	(1)	(1)
1936 [1]	(2)	17,672	(2)	(2)	18,089	(2)	(1)	(1)	(1)

[1] All States included in the registration area.
[2] Not available.

Sources: Bureau of the Census, Department of Commerce, and Bureau of Public Roads, Department of Agriculture.

No. 431.—AUTOMOBILE FATALITIES FOR STATES AND LARGE CITIES HAVING DEATH REGISTRATION

NOTE.—Figures include all deaths from automobile accidents, excluding deaths as a result of train and street car collisions with automobiles, and motorcycle accidents. Rates for 1930 to 1936 for registration States and for Washington, D. C., are based on revised estimates of population. Population estimates for cities other than Washington are not available for 1934 to 1936, and rates for earlier years are based on the latest revised estimates.

State	Number of deaths						Rate per 100,000 estimated population					
	1926–1930, avg.	1932	1933	1934	1935	1936	1926–1930, avg.	1932	1933	1934	1935	1936
Registration area in continental United States	23,968	26,350	29,323	33,980	34,183	35,761	21.3	21.9	23.3	26.8	26.8	27.8
Total registration States [1]	23,579	26,033	29,323	33,980	34,183	35,761	21.3	21.9	23.3	26.8	26.8	27.8
Alabama	392	405	485	498	579	667	15.1	14.8	17.5	17.8	20.4	23.3
Arizona	143	162	147	205	205	234	34.2	38.7	35.7	50.5	50.5	57.6
Arkansas	[2] 242	260	280	350	384	419	[2] 13.1	13.5	14.4	17.7	19.2	20.7
California	1,828	2,198	2,233	2,625	2,633	2,886	34.5	37.7	38.0	44.2	43.9	47.6
Colorado	232	284	298	328	312	363	22.8	27.1	28.3	31.0	29.4	34.1
Connecticut	376	409	452	464	477	441	24.0	24.7	26.9	27.3	27.8	25.4
Delaware	64	79	84	81	66	84	27.1	32.0	33.6	32.0	25.8	32.4
Florida	479	485	494	604	604	652	34.6	31.6	31.7	38.1	37.4	39.7
Georgia	[3] 519	541	651	777	900	938	[3] 17.8	18.2	21.8	25.8	29.7	30.7
Idaho	87	86	117	150	158	186	19.7	18.7	25.1	31.7	33.0	38.4
Illinois	1,645	1,831	1,943	2,288	2,037	2,183	22.1	23.7	25.1	29.4	26.1	27.8
Indiana	772	845	979	1,144	1,056	1,187	24.2	25.4	29.1	33.6	30.8	34.3
Iowa	376	422	514	531	570	507	15.3	16.9	20.5	21.0	22.5	19.9
Kansas	322	386	482	481	518	534	17.3	20.6	25.7	25.7	27.6	28.3
Kentucky	357	441	504	630	657	666	13.8	16.2	18.2	22.4	23.1	23.1
Louisiana	332	341	395	461	500	560	16.2	16.1	18.7	21.8	23.6	26.4
Maine	127	149	190	201	200	202	16.0	18.2	22.9	24.0	23.7	23.7
Maryland	363	410	429	488	446	452	22.7	24.8	25.9	29.3	26.7	27.0
Massachusetts	732	777	801	986	829	875	17.5	18.1	18.6	22.8	18.9	19.8
Michigan	1,284	1,143	1,196	1,416	1,573	1,813	27.7	24.1	25.4	30.3	33.2	37.9
Minnesota	439	486	525	624	585	663	17.3	18.7	20.1	23.8	22.3	25.2
Mississippi	265	234	283	401	385	487	13.4	11.6	14.1	20.0	19.2	24.3
Missouri	605	690	770	944	910	964	16.8	18.3	20.2	24.4	23.3	24.3
Montana	100	96	115	198	155	168	18.5	17.9	21.6	37.3	29.2	31.6
Nebraska	224	212	283	293	325	290	16.4	15.5	20.7	21.5	23.8	21.3
Nevada	[4] 40	59	63	69	77	71	[4] 44.2	62.1	65.6	70.4	77.8	71.0
New Hampshire	83	70	135	104	128	110	18.0	14.5	27.6	21.0	25.5	21.7
New Jersey	1,040	1,105	1,147	1,186	1,156	1,094	26.7	26.6	27.3	27.9	27.0	25.3
New Mexico	[4] 104	97	102	146	154	204	[4] 24.7	23.0	24.2	34.6	36.5	48.3
New York	2,628	2,813	2,784	2,903	2,783	2,647	21.5	22.1	21.8	22.6	21.6	20.5
North Carolina	555	558	725	874	965	930	18.1	17.0	21.8	25.9	28.2	26.9
North Dakota	78	57	101	118	107	129	11.6	8.3	14.6	16.9	15.3	18.3
Ohio	1,706	1,822	1,829	2,119	2,161	2,167	26.3	27.3	27.3	31.6	32.2	32.3
Oklahoma	[3] 433	437	485	584	640	633	[3] 18.3	17.8	19.6	23.4	25.9	25.0
Oregon	221	223	249	309	284	347	23.9	22.8	25.2	30.9	28.2	34.1
Pennsylvania	2,011	2,043	2,190	2,439	2,295	2,359	21.2	20.8	22.1	24.4	22.8	23.3
Rhode Island	136	101	97	103	106	111	20.2	14.7	14.2	15.1	15.6	16.3
South Carolina	288	329	342	470	477	571	16.7	18.4	19.0	25.8	25.9	30.7
South Dakota	[5] 112	101	115	119	142	123	[5] 16.1	14.6	16.6	17.2	20.5	17.8
Tennessee	409	474	540	672	688	758	15.9	17.5	19.7	24.1	24.4	26.5
Texas	(6)	(6)	1,292	1,579	1,801	1,924	(6)	(6)	21.6	26.2	29.6	31.5
Utah	109	115	135	178	178	180	21.9	22.5	26.3	34.6	34.6	34.9
Vermont	62	63	70	97	81	95	17.3	17.1	18.9	25.9	21.5	25.0
Virginia	413	561	592	747	826	792	13.0	22.3	23.1	28.7	31.3	29.7
Washington	397	413	442	596	547	601	26.0	25.8	27.5	36.7	33.5	36.6
West Virginia	305	332	382	416	497	501	18.1	18.7	21.4	23.1	27.4	27.4
Wisconsin	568	624	627	687	762	720	19.7	21.3	21.5	23.6	26.2	24.8
Wyoming	65	78	87	105	100	114	29.5	34.1	37.8	45.5	43.1	48.9

City	1926–1930, avg.	1932	1933	1934 [7]	1935 [7]	1936 [7]	1921–1925, avg.	1926–1930, avg.	1930	1931	1932	1933
Total registration cities [8]	14,031	15,046	16,056	18,268	17,662	8,395	19.1	26.3	29.0	29.3	25.5	26.6
Akron	82	80	85	88	84	75	18.0	34.3	39.1	29.3	30.3	32.1
Albany	40	35	37	47	47	49	23.7	32.0	37.6	34.9	27.1	28.5
Atlanta	76	99	105	108	116	124	23.5	29.2	32.0	34.2	35.7	37.4
Baltimore	188	201	185	225	198	186	17.1	23.7	25.5	27.8	24.7	22.6
Birmingham	63	75	80	74	69	88	22.3	25.6	26.8	30.4	27.9	29.3

For footnotes see following page.

No. 431.—AUTOMOBILE FATALITIES FOR STATES AND LARGE CITIES HAVING DEATH REGISTRATION—Continued

City	Number of deaths						Rate per 100,000 estimated population					
	1926–1930, avg.	1932	1933	1934 [7]	1935 [7]	1936 [7]	1921–1925, avg.	1926–1930, avg.	1930	1931	1932	1933
Boston	138	151	143	166	164	166	17.4	17.8	15.3	18.8	19.2	18.2
Bridgeport	36	27	51	47	50	45	17.3	24.6	27.2	40.1	18.4	34.6
Buffalo	156	132	144	151	146	150	21.0	27.8	30.5	26.3	22.7	24.6
Chicago	795	846	882	952	779	763	20.4	24.4	24.8	27.6	24.5	25.3
Cincinnati	135	124	143	187	163	166	21.8	30.5	36.9	32.6	27.1	31.1
Cleveland	281	262	248	268	256	259	22.7	31.8	33.6	31.4	28.7	27.0
Columbus	99	99	109	120	129	126	21.1	35.0	46.3	40.9	33.5	36.4
Dallas	64	71	83	90	102	95	19.2	26.2	29.7	29.7	26.0	29.9
Dayton	61	58	70	80	82	86	16.6	31.7	35.2	36.7	28.3	33.9
Denver	63	86	97	106	91	107	16.5	22.3	27.7	29.5	29.5	33.1
Des Moines	33	45	43	45	54	38	[9] 14.2	23.6	32.2	29.8	31.1	29.6
Detroit	388	321	307	336	329	402	21.0	26.8	24.2	22.5	19.6	18.4
Flint	44	38	50	54	77	70	16.2	30.1	31.6	32.3	23.2	33.5
Fort Worth	43	56	45	63	63	65	[10] 15.3	27.3	34.1	32.9	33.4	26.6
Grand Rapids	38	29	23	39	46	45	19.1	23.2	27.8	21.0	16.9	13.3
Hartford	46	50	55	59	53	61	25.9	28.8	22.5	32.9	29.9	32.6
Houston	77	64	103	108	108	110	15.5	29.6	34.2	32.6	20.6	32.4
Indianapolis	110	99	124	143	139	149	17.5	31.0	36.7	42.2	26.8	33.3
Jacksonville	45	58	65	60	55	52	24.7	35.6	34.6	42.5	42.1	46.8
Jersey City	56	58	64	73	52	54	15.1	17.9	17.3	13.5	18.2	20.0
Kansas City, Kans.	19	36	30	47	37	47	15.2	15.8	29.5	19.5	29.3	24.3
Kansas City, Mo.	92	89	121	122	106	108	22.3	23.8	29.4	33.5	21.8	29.3
Long Beach	39	55	55	59	49	59	25.8	30.2	33.4	39.4	36.0	35.0
Los Angeles	365	486	466	521	549	556	27.6	32.2	33.3	37.0	36.8	34.4
Louisville	80	85	88	123	106	114	18.9	26.1	28.3	35.4	27.0	27.7
Memphis	75	101	116	112	98	115	23.4	36.2	34.3	38.6	39.0	44.4
Milwaukee	114	97	89	79	77	80	14.8	20.5	19.0	18.2	16.3	14.9
Minneapolis	88	91	98	105	124	121	16.7	19.6	23.6	24.1	19.2	20.5
Nashville	51	72	55	65	82	98	23.1	34.9	41.5	45.7	46.3	35.2
New Haven	49	53	45	48	52	47	20.9	30.1	27.7	31.3	32.6	27.7
New Orleans	108	91	120	126	134	129	15.5	24.2	26.1	27.0	19.5	25.5
New York	1,191	1,163	1,146	1,135	1,045	924	15.8	17.8	18.8	18.3	16.4	16.0
Newark, N. J.	123	98	100	90	117	106	27.2	28.1	31.4	23.8	22.0	22.4
Norfolk	27	36	41	40	34	35	13.3	20.4	18.5	33.9	27.8	31.6
Oakland	74	64	68	87	79	101	18.4	27.2	38.9	34.6	21.9	23.0
Oklahoma City	44	66	62	54	64	71	12.2	26.1	40.5	27.9	33.3	30.8
Omaha	49	44	58	67	65	52	15.1	23.3	27.0	30.5	20.3	26.6
Paterson	50	56	57	42	57	45	28.5	36.2	36.1	37.5	40.3	41.0
Philadelphia	346	321	367	364	303	299	14.0	17.9	19.3	18.0	16.6	18.6
Pittsburgh	193	159	137	143	173	169	23.7	29.4	34.0	32.2	23.5	20.2
Portland, Oreg.	61	74	83	98	88	108	14.7	20.8	23.4	30.9	24.1	26.9
Providence	69	51	48	40	37	55	23.1	27.6	28.4	20.4	20.0	18.8
Richmond	49	67	71	79	87	84	16.0	27.1	32.2	48.8	36.4	38.4
Rochester	67	62	45	80	73	69	15.6	20.8	24.3	22.9	18.7	13.5
St. Louis	177	156	149	173	191	171	20.8	21.8	21.3	21.7	18.8	17.9
St. Paul	61	84	70	90	58	69	18.2	23.0	27.9	31.5	30.4	25.2
Salt Lake City	42	58	46	67	51	70	22.3	30.8	31.3	35.0	40.5	31.9
San Antonio	58	50	68	77	58	82	16.2	26.4	28.3	26.2	20.8	27.9
San Diego	57	68	70	63	78	60	30.3	41.6	51.5	42.2	43.5	43.7
San Francisco	137	132	145	115	126	108	19.4	22.4	20.9	19.4	20.3	22.1
Scranton	38	32	42	53	38	44	21.5	26.7	30.6	25.0	22.2	29.1
Seattle	85	80	105	147	115	124	15.6	23.8	22.6	31.2	21.5	28.1
Springfield, Mass.	35	28	30	39	31	33	16.1	23.9	30.6	21.7	18.4	19.6
Syracuse	53	39	49	60	58	42	20.3	26.1	29.0	32.8	18.3	22.8
Toledo	96	109	89	113	99	97	20.1	33.9	36.7	40.4	36.7	29.8
Trenton	48	41	56	57	55	52	26.5	39.1	46.2	45.2	33.1	45.1
Tulsa	[3] 39	34	33	52	65	48	(6)	[3] 29.4	35.2	22.6	23.3	22.3
Washington, D. C.	117	186	142	192	155	159	17.6	24.4	28.0	31.6	35.4	26.2
Worcester	40	31	51	47	48	35	17.8	20.8	27.1	18.8	15.7	25.8
Yonkers	22	17	27	17	14	18	14.3	17.1	14.0	17.3	12.2	19.2
Youngstown	63	41	52	55	77	60	25.7	40.8	37.5	39.9	23.7	29.9

[1] Including the District of Columbia. All States were in the registration area in 1933 and thereafter.
[2] Average, 1927–30.
[3] Average, 1928–30.
[4] Average, 1929 and 1930.
[5] 1930 only.
[6] Not in registration area.
[7] See note 8 regarding rates.
[8] Only cities of over 120,000 inhabitants, according to 1930 census, are shown separately. Population estimates on which to base rates for 1934 to 1936 are not available except for Washington, D. C. The rates for this city are: 1934, 34.3; 1935, 26.1; 1936, 25.7.
[9] Average, 1923–25.
[10] Average, 1922–25.

Source: Bureau of the Census, Department of Commerce.