

28.—Percentages of Salaries and Wages Paid to the Total Net Values of Manufacturing Production, 1924-44

| Year      | Value Added by Processes of Manufacture <sup>1</sup> | Salaries Paid | Wages Paid    | Percentages—               |                         |  |
|-----------|--|---------------|---------------|----------------------------|-------------------------|--|
|           |  |               |               | of Salaries to Value Added | of Wages to Value Added | of Total Salaries and Wages to Value Added |
|           | \$   | \$            | \$            | p. c.                      | p. c.                   | p. c.                                      |
| 1924..... | 1,075,458,459  | 130,344,822   | 404,122,853   | 12.1                       | 37.6                    | 49.7                                       |
| 1925..... | 1,167,936,726  | 133,409,498   | 436,534,944   | 11.4                       | 37.4                    | 48.8                                       |
| 1926..... | 1,305,168,549  | 142,353,900   | 483,328,342   | 10.9                       | 37.0                    | 47.9                                       |
| 1927..... | 1,427,649,292  | 151,419,411   | 511,285,921   | 10.6                       | 35.8                    | 46.4                                       |
| 1928..... | 1,597,887,676  | 162,903,007   | 558,568,627   | 10.2                       | 35.0                    | 45.2                                       |
| 1929..... | 1,755,386,937  | 175,553,710   | 601,737,507   | 10.0                       | 34.3                    | 44.3                                       |
| 1930..... | 1,522,737,125  | 169,992,216   | 527,563,162   | 11.2                       | 34.6                    | 45.8                                       |
| 1931..... | 1,252,017,248  | 172,289,095   | 415,277,895   | 13.8                       | 33.2                    | 47.0                                       |
| 1932..... | 955,960,724  | 151,355,790   | 322,245,926   | 15.8                       | 33.7                    | 49.5                                       |
| 1933..... | 919,671,181  | 139,317,946   | 296,929,878   | 15.1                       | 32.3                    | 47.4                                       |
| 1934..... | 1,087,301,742  | 148,760,126   | 355,090,929   | 13.7                       | 32.7                    | 46.4                                       |
| 1935..... | 1,153,485,104  | 160,455,080   | 399,012,697   | 13.9                       | 34.6                    | 48.5                                       |
| 1936..... | 1,289,592,672  | 173,198,057   | 438,873,377   | 13.4                       | 34.0                    | 47.4                                       |
| 1937..... | 1,508,924,867  | 195,983,475   | 525,743,562   | 13.0                       | 34.8                    | 47.8                                       |
| 1938..... | 1,428,286,778  | 207,386,381   | 498,282,208   | 14.5                       | 34.9                    | 49.4                                       |
| 1939..... | 1,531,051,901  | 217,839,334   | 519,971,819   | 14.2                       | 34.0                    | 48.2                                       |
| 1940..... | 1,942,471,238  | 241,599,761   | 679,273,104   | 12.0                       | 35.0                    | 47.0                                       |
| 1941..... | 2,605,119,788  | 286,336,861   | 978,525,782   | 11.0                       | 37.6                    | 48.6                                       |
| 1942..... | 3,309,973,758  | 334,870,793   | 1,347,934,049 | 10.1                       | 40.7                    | 50.8                                       |
| 1943..... | 3,816,413,541  | 388,857,505   | 1,598,434,879 | 10.2                       | 42.0                    | 52.2                                       |
| 1944..... | 4,015,776,010  | 418,065,594   | 1,611,555,776 | 10.4                       | 40.2                    | 50.6                                       |

<sup>1</sup> Equivalent to "net value of products"; see footnote 1, Table 1, p. 510.

Subsection 4.—Size of Manufacturing Establishments

The size of the manufacturing establishment is generally measured either by the value of product, or by the number of employees, but each of these methods has its limitations. The latter takes no account of the differences in capital equipment at different times or in various industries and obviously the increased use of machinery, as in the flour-milling industry, may lead to an increase in production concurrently with a decrease in the number of employees. The former measure has to be adjusted for changes in the price level and, as between industries, it makes those in which the cost of raw materials is relatively high, appear to operate on a larger scale.

**Size as Measured by Gross Value of Products.**—While in 1922 the 420 establishments each producing over \$1,000,000 had an aggregate value of products of \$1,268,056,129 or 51 p. c. of the total production of all manufacturing industries, the 719 establishments producing over \$1,000,000 each in 1929 had an aggregate value of products of \$2,516,064,954, or 62 p. c. of the grand total for all manufacturing establishments—a very significant change in the short period of eight years. In 1931, however, the number of plants with a production of over \$1,000,000 dropped again to 482, their output being valued at \$1,451,658,954, or 53 p. c. of the total. With the increased production resulting from war needs, the number of plants with a production of \$1,000,000 or over jumped to 1,376 in 1944, and their output was about 75 p. c. of the total value of manufactures.