

INDEX OF INDUSTRIAL PRODUCTION (1949=100)
JULY 1964
The seasonally adjusted index of industrial production was virtually unchanged in July.


NOTE: This issue includes indexes of non-agricultural real output for the latest available quarter (2nd qtr. 1964).

Industrial Output Section
National Accounts and Balance of Payments Division
September
2205-502

The seasonally adjusted Index of Industrial Production was virtually unchanged in July from the revised June level of 211.2. A decline in mining production of $3.1 \%$ offset a slight increase of $0.2 \%$ in manufacturing together with a gain of ${ }^{-6}$ almost $3 \%$ in electric power and gas utilities. With this latest monthly movement, the Index of Industrial Production is higher in the January to July period of 1964 by 9\% than the same period last year.

Almost two-thirds of the decline in mining originated in its other metals component showing the effects of curtailment in uranium production. Nickel, zinc and lead also showed declines in July, while gold, iron ore and copper moved higher. Fuels fell by $2 \%$ in July, largely due to a drop in coal production from the high June leve1, although crude petroleum was also lower. With asbestos higher in July, non-metal mining gained almost $6 \%$.

The slight increase in manufacturing in July consisted of a strong gain of $1.8 \%$ in durables being mostly offset by a $1.3 \%$ drop in non-durables. The bulk of the gain in durables arose in fron and steel products, wood products and transportation equipment. Within these groups, the industries particularly responsible for the increases were iron castings, primary iron and stee1, sawmills and motor vehicles and parts. Electrical apparatus and supplies also gained in July, with refrigerators and appliances the big contributor. Non-metallic mineral products increased slightly in July, while non-ferrous metal products dropped by $2 \%$, due to smelting and refining.

The biggest single contributor to the decline in non-durables, accounting for almost $40 \%$ of it, was printing and publishing, at least in part due to labour trouble in the industry. However, in addition, rubber, chemicals and petroleum products also showed relatively large drops. The most significant gain occurred in paper products, due to $2 \%$ gain in pulp and paper output.

The gain in the output of utilities was concentrated in electric power, which showed a more than $4 \%$ advance.

## NOTES

1. For a detailed description of concepts, sources and methods, see D.B.S. Catalogue No 61-502, "Revised Index of Industrial Production". For a complete and continuous record of total industrial production along with component industry indexes on both a seasonally unadjusted and adjusted basis use D.B.S. Reference Paper 61-502 for the period 1935 to 1956 inclusive, the March 1963 supplement to this report for the period 1919 to 1934, the March 1964 supplement for the period 1957 to 1963 inclusive and the regular monthly reports thereafter.
2. An explanation of the discontinuity in the total Clothing index is contained in the March 1964 issue of this report, page 2, note 2 .
3. It should be noted that the 1949 weights shown in Table 1 have been re-expressed as proportions of total Gross Domestic Product rather than of Industrial Production alone. Thus, the Index of Industrial Production represents 32.231\% of total real output.

TABLE 1. Index of Industrial Production
$(1949=100)$

| Industry or industry group | $\begin{gathered} 1949 \\ \text { weights } \end{gathered}$ | MCD | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1964 |  |  |  |  |  |
|  |  |  | Feb. | Mar | Apr. | May | June | July |
| INDEX OF INDUSTRIAL PRODUCTION | 32.231 | 1 | 212.3 | 210.2 | 214.7 | 209.4 | 211.2 | 211.0 |
| MINING, TOTAL | 3.245 | 2 | 324.9 | 317.3 | 321.0 | 321.1 | 328.7 | 318.6 |
| Metals | 1.925 | 2 | 226.7 | 216.8 | 221.7 | 215.7 | 212.9 | 200.0 |
| Gold | 0.624 | 5 | 88.3 | 91.3 | 92.7 | 89.8 | 89.3 | 93.4 |
| Copper | 0.356 | 4 | 181.8 | 184.5 | 185.4 | 187.1 | 184.6 | 186.5 |
| Iron ore | 0.099 | 3 | 1,017.0 | 1,055.5 | 1,009.5 | 948.5 | 810.0 | 815.3 |
| Nickel | 0.337 | 4 | 184.6 | 170.3 | 186.1 | 187.7 | 187.3 | 172.6 |
| Non-metals | 0.268 | 5 | 234.8 | 230.9 | 260.3 | 253.9 | 244.6 | 259.1 |
| Asbestos | 0.214 | 5 | 245.5 | 239.6 | 274.0 | 260.8 | 258.3 | 275.3 |
| Fuels | 0.915 | 3 | 530.5 | 526.4 | 533.0 | 552.5 | 582.7 | 570.8 |
| Coal | 0.553 | 6 | 52.8 | 57.1 | 57.3 | 53.4 | 63.9 | 51.5 |
| Natural gas | 0.035 | 2 | 1,216.0 | 1,245.0 | 1,355.5 | 1,400.6 | 1,436.8 | 1,486.0 |
| Petroleum | 0.327 | 3 | 1,263.6 | 1,241.7 | 1,248.1 | 1,304.2 | 1,367.1 | 1,349.5 |
| Manufacturing, total | 27.340 | 3 | 188.6 | 186.3 | 190.4 | 185.6 | 185.7 | 186.0 |
| NON-DURABLE MANUFACTURES | 14.742 | 3 | 184.2 | 180.1 | 185.5 | 180.9 | 183.3 | 180.9 |
| Foods and beverages | 3.814 | 4 | 180.0 | 170.3 | 174.9 | 172.0 | 169.7 | 169.7 |
| Foods | 2.896 | 4 | 173.1 | 166.7 | 170.1 | 167.4 | 166.1 | 165.2 |
| Meat products | 0.523 | 4 | 178.8 | 163.7 | 180.5 | 171.0 | 179.4 | 178.7 |
| Dairy products | 0.450 | 3 | 168.2 | 168.5 | 169.0 | 177.9 | 163.5 | 165.6 |
| Canning and processing | 0.453 | 4 | 197.9 | 192.3 | 190.2 | 187.3 | 176.8 | 166.2 |
| Grain mill products | 0.322 | 4 | 192.3 | 190.3 | 184.4 | 182.7 | 179.7 | 175.8 |
| Bakery products | 0.558 | 3 | 143.2 | 141.9 | 143.3 | 142.3 | 142.0 | 145.8 |
| Miscellaneous foods | 0.590 | 4 | 170.5 | 158.9 | 163.8 | 156.5 | 163.3 | 164.6 |
| Beverages | 0.918 | 6 | 201.9 | 181.5 | 190.2 | 186.6 | 181.3 | 184.2 |
| Carbonated beverages | 0.231 | 6 | 196.0 | 177.3 | 196.9 | 176.5 | 168.3 | 186.6 |
| Breweries | 0.463 | 6 | 183.1 | 176.9 | 164.9 | 164.0 | 166.0 | 162.6 |
| Distilleries | 0.203 | 6 | 257.3 | 200.1 | 245.0 | 255.2 | 235.7 | 235.3 |
| Tobacco and tobacco products | 0.248 | 6 | 199.5 | 178.8 | 213.6 | 209.5 | 216.9 | 211.1 |
| Rubber products | 0.430 | 3 | 226.4 | 209.2 | 229.5 | 209.6 | 217.7 | 196.4 |
| Leather products | 0.508 | 2 | 132.4 | 125.0 | 131.7 | 134.5 | 129.0 | 132.2 |
| Boots and shoes | 0.307 | 4 | 141.3 | 131.4 | 140.8 | 142.4 | 136.7 |  |
| Textiles | 1.623 | 3 | 167.8 | 167.7 | 181.2 | 169.4 | 170.5 | 169.6 |
| Cotton goods | 0.507 | 4 | 121.0 | 108.3 | 132.9 | 116.3 | 120.7 | 121.2 |
| Wool goods | 0.300 | 3 | 94.3 | 93.0 | 99.7 | 96.0 | 81.7 | 88.5 |
| Synthetic Textiles and Silk | 0.429 | 3 | 283.7 | 299.3 | 316.2 | 294.8 | 304.9 | 297.6 |
| Clothing .................... | 1.801 | 3 | 135.4 | 131.2 | 130.8 | 121.1 | 135.8 | 135.6 |
| Paper products | 2.649 | 3 | 176.3 | 176.4 | 180.9 | 173.9 | 174.6 | 177.4 |
| Pulp and paper | 2.108 | 3 | 172.8 | 174.9 | 183.0 | 175.4 | 175.9 | 179.6 |

TAble 1. Index of Industrial itonuclion - Cono.wdet
(1949=100)

| Industry or industry group | $\begin{gathered} 1949 \\ \text { weights } \end{gathered}$ | MCD | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1964 |  |  |  |  |  |
|  |  |  | Feb. | Mar. | Apr. | May | June | July |
| NON-DURABLE MANUFACTURES Concluded: |  |  |  |  |  |  |  |  |
| Printing,publishing and allied industries | 1.273 | 4 | 159.7 | 160.0 | 172.6 | 174.6 | 168.8 | 158.4 |
| Products of petroleum and coal | 0.513 | 3 | 308.9 | 298.4 | 305.1 | 296.4 | 322.2 | 308.7 |
| Petroleum products ......... | $0.454$ | 3 | 334.2 | 322.6 | 330.3 | 320.2 | 349.5 | 334.7 |
| Chemicals and allied products Acids, alkalies, salts and fertilizers | 1.359 | 2 | 273.1 | 275.6 | 267.9 | 271.1 | 276.6 | 268.3 |
|  | 0.346 | 2 | 310.7 | 304.2 | 320.2 | 321.8 | 334.3 | 323.4 |
| Miscellaneous manufactures .... | 0.524 | 1 | 258.2 | 259.5 | 258.4 | 261.3 | 263.9 | 263.5 |
| DURABLE MANUFACTURES . . . . . . . . . . | 12.598 | 3 | 193.8 | 193.6 | 196.1 | 191.0 | 188.5 | 191.9 |
| Wood products ................ | 2.108 | 2 | 171.3 | 169.2 | 173.9 | 165.6 | 154.3 | 160.7 |
| Saw and planing mills ...... | 1.444 | 3 | 187.5 | 184.1 | 191.4 | 179.6 | 163.8 | 173.4 |
| Veneers and plywoods Sawmills | 0.122 | 3 | 391.0 | 401.5 | 408.2 | 376.3 | 374.1 | 394.6 |
|  | 0.994 | 4 | 176.2 | 170.7 | 181.6 | 170.3 | 149.4 | 161.4 |
| Fumiture | 0.460 | 2 | 158.7 | 159.9 | 159.2 | 159.1 | 157.2 | 155.6 |
| Iran and steel products | 4.026 | 2 | 176.5 | 177.9 | 184.2 | 181.7 | 176.1 | 180.3 |
| Machinery ................... | 0.851 | 1 | 171.1 | 172.4 | 174.4 | 175.8 | 179.1 | 181.9 |
| Iron castings ............. | 0.387 | 3 | 170.1 | 157.4 | 186.0 | 198.1 | 178.7 | 199.4 |
| Primary iron and steel ...... | 0.845 | 2 | 233.9 | 241.6 | 255.4 | 243.8 | 236.9 | 239.3 |
| Sheet metal products ........ | 0.359 | 1 | 164.9 | 165.5 | 163.2 | 161.4 | 158.7 | 156.4 |
| Transportation equipment . . . . | 2.651 | 4 | 208. 2 | 211.8 | 205.9 | 197.8 | 203.0 | 207.4 |
| Aircraft and parts ......... | 0.203 | 1 | 259.7 | 260.4 | 266.9 | 271.0 | 275.8 | 282.2 |
| Motor vehicles .............. | 1.035 | 4 | 304.5 | 318.0 | 302.2 | 278.5 | 287.9 | 293.4 |
| Motar vehicle parts .......... Railway rolling stock | 0.462 | 2 | 215.4 | 211.9 | 211.7 | 212.7 | 216.6 | 225.7 |
|  | 0.621 | 1 | 46.1 | 46.9 | 46.6 | 46.9 | 47.7 | 47.5 |
| Shipbuilding and repairs .... | 0.261 | 1 | 184.4 | 174.0 | 173.2 | 179.1 | 184.4 | 186.1 |
| Non-ferrous metal products .... Brass and copper products Smelting and refining ....... | 1.601 | 3 | 157.8 | 159.0 | 161.7 | 160.3 | 164.7 | 161.5 |
|  | 0.241 | 1 | 147.6 | 148.3 | 147.9 | 150.8 | 152.7 | 153.2 |
|  | 1.028 | 3 | 169.9 | 171.4 | 175.5 | 172.5 | 179.6 | 174.1 |
|  |  |  |  |  |  |  |  |  |
| supplies .................... | 0.489 | 1 | 158.8 | 161.1 | 162.6 | 162.5 | 160.0 | 159.1 |
| Telecommunication equipment | 0.142 | 3 | 550.7 | 538.9 | 578.7 | 599.3 | 537.0 | 543.0 |
| Refrigerators and appliances | 0.227 | 3 | 220.8 | 216.6 | 231.5 | 236.7 | 227.7 | 240.4 |
| Non-metallic mineral products | 0.794 | 2 | 301.6 | 280.8 | 279.0 | 258.2 | 261.2 | 262.9 |
| Concrete products ............ Hydraulic cement | 0.098 | 4 | 998.2 | 819.6 | 832.9 | 740.7 | 781.1 | 781.9 |
|  | 0.117 | 5 | 309.1 | 284.9 | 310.0 | 270.5 | 252.5 | 262.2 |
| Domestic clay products | 0.083 | 3 | 149.3 | 166.2 | 167.2 | 151.5 | 135.1 |  |
| ELECTRIC POWER AND GAS UTILITIES | 1.646 | 2 | 384.3 | 396.4 | 409.3 | 384.5 | 403.5 | 414.4 |
| Electric power ................ | 1.480 | 2 | 360.5 | 367.9 | 370.1 | 351.7 | 360.1 | 375.4 |
| Gas . . . . . . . . . . . . . . . . . . . . . | 0.166 | 3 | 598.1 | 652.2 | 760.8 | 678.5 | 792.9 | 763.8 |

TABLE 2. Index of Industrial Production
( $1949=100$ )

| Industry or industry group | Annual averages |  | Without seasonal adjustment |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1963 |  |  | 1964 |  |  |
|  | 1962 | 1963 | May | June | July | May | June | July |
| INDEX OF INDUSTRIAL PRODUCTION | 186.0 | 195.9 | 197.2 | 203.6 | 183.0 | 212.8 | 220.0 | 197.6 |
| MTNING, TOTAL . . . . . . . . . . . . . . | 287.4 | 294.4 | 296.2 | 304.0 | 280.7 | 322.5 | 338.8 | 315.8 |
| Metals | 197.7 | 193.8 | 205.7 | 211.1 | 182.3 | 221.2 | 236.0 | 203.6 |
| Gold | 100.1 | 95.5 | 99.0 | 99.3 | 87.1 | 88.9 | 89.3 | 90.1 |
| Copper | 176.7 | 174.0 | 164.9 | 187.0 | 162.5 | 180.9 | 198.3 | 183.0 |
| Iron ore | 632.5 | 670.8 | 831.3 | 886.4 | 737.7 | 1,043.3 | 1,077.3 | 986.5 |
| Nickel | 184.2 | 171.0 | 184.1 | 167.2 | 133.7 | 193.0 | 182.1 | 162.1 |
| Non-metals ............... | 222.5 | $228.1$ | 234.9 | 231.5 | 201.2 | 258.6 | 256.7 | 235.8 |
| Asbestos ................ | 234.1 | 239.1 | 242.6 | 231.7 | 206.0 | 264.5 | 263.7 | 242.8 |
| Fuels | 480.8 | 513.6 | 482.5 | 494.0 | 481.9 | 533.8 | 546.6 | 541.2 |
| Coal | 48.8 | 52.0 | 49.3 | 43.8 | 44.1 | 48.8 | 55.3 | 45.7 |
| Natural gas | 1,005.7 | 1,179.8 | 1,060.5 | 993.6 | 971.3 | 1,253.5 | 1,179.6 | 1,157.6 |
| Petroleum. | 1,154.0 | 1,221.6 | 1,152.1 | 1,200.6 | 1,168.8 | 1,275.5 | 1,308.3 | 1,311.7 |
| MANUFACTURING, TOTAL | 164.9 | 173.9 | 176.2 | 184.0 | 163.5 | 190.0 | 196.9 | 174.4 |
| NON-DURABLE MANUFACTURES | 164.8 | 172.2 | 171.4 | 178.2 | 162.1 | 181.1 | 189.1 | 171.6 |
| Foods and beverages ........ | 158.9 | 162.1 | 159.0 | 178.7 | 167.4 | 170.4 | 186.0 | 181.2 |
| Foods | 154.8 | 157.2 | 151.7 | 165.8 | 160.6 | 162.9 | 175.5 | 177.8 |
| Meat products | 159.2 | 163.6 | 164.7 | 158.2 | 148.5 | 172.7 | 175.5 | 166.2 |
| Dairy products | 159.3 | 163.5 | 172.9 | 212.3 | 190.7 | 190.2 | 213.0 | 194.1 |
| Canning and processing .... | 164.7 | 165.4 | 132.7 | 177.2 | 206.3 | 141.2 | 176.9 | 255.0 |
| Grain mill products ...... | 137.5 | 145.9 | 139.9 | 148.2 | 131.0 | 181.3 | 182.9 | 172.2 |
| Bakery products .......... | 145.4 | 138.8 | 139.2 | 145.5 | 145.9 | 142.7 | 149.7 | 152.6 |
| Miscellaneous foods ...... | 158.3 | 164.3 | 157.1 | 157.5 | 143.2 | 159.3 | 166.1 | 143.4 |
| Beverages | 171.9 | 177.6 | 182.0 | 219.0 | 189.1 | 194.1 | 219.3 | 192.0 |
| Carbonated beverages | 173.0 | 178.7 | 179.4 | 231.5 | 229.8 | 181.6 | 214.2 | 244.5 |
| Breweries | 156.3 | 159.9 | 173.2 | 207.3 | 199.2 | 185.5 | 213.3 | 196.8 |
| Distilleries | 210.0 | 220.3 | 211.5 | 241.5 | 127.3 | 236.6 | 249.8 | 129.4 |
| Tobacco and tobacco products | 203.7 | 207.7 | 223.7 | 238.8 | 169.8 | 218.3 | 249.9 | 166.1 |
| Rubber products . . . . . . . . . . | 167.6 | 190.5 | 193.5 | 225.4 | 155.3 | 213.2 | 250.3 | 168.5 |
| Leather products | 126.7 | 127.0 | 123.2 | 129.9 | 88.2 | 131.7 | 131.4 | 97.5 |
| Boots and shoes | 137.7 | 136.9 | 132.6 | 138.5 | 88.5 | 141.0 | 139.4 |  |
| Textiles | 146.6 | 159.5 | 159.8 | 169.5 | 119.6 | 171.6 | 181.9 | 134.3 |
| Cotton goods | 105.3 | 109.6 | 106.2 | 114.2 | 70.8 | 118.9 | 120.7 | 81.1 |
| Wool goods ................ | 84.9 | 89.8 | 93.4 | 107.6 | 72.6 | 93.1 | 95.0 | 73.1 |
| Synthetic textiles and silk | 243.6 | 281.0 | 285.2 | 301.3 | 190.2 | 303.6 | 338.7 | 223.2 |
| Clothing ................. | 111.0 | 137.0(1) | 124.3 | 113.5 | 115.8 | 110.9 | 112.0 | 115.3 |
| Paper products . ............. | 159.1 | 164.3 | 167.1 | 166.5 | 159.7 | 176.0 | 178.4 | 173.3 |
| Pulp and paper ........... | 158.6 | 163.8 | 167.4 | 164.5 | 156.0 | 178.2 | 178.4 | 172.1 |

[^0]$(1949=100)$

| Industry or industry group | Annual averages |  | Without seasonal adjustment |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1963 |  |  | 1964 |  |  |
|  | 1962 | 1963 | May | June | July | May | June | July |
| NON-DURABLE MANUFACTURES Concluded: |  |  |  |  |  |  |  |  |
| Printing, publishing and allied industries .................. | 154.0 | 156.7 | 160.0 | 158.3 | 147.3 | 180.3 | 169.2 | 150.1 |
| Products of petroleum and coal | 272.8 | 296.0 | 273.0 | 281.6 | 297.8 | 279.7 | 307.9 | $303.3$ |
| Petroleum products ........ | 294.3 | 319.7 | 293.7 | 303.3 | 321.7 | $301.0$ | $332.7$ | $328.0$ |
| Chemicals and allied products | 233.2 | 249.1 | 261.5 | 266.9 | 245.7 | 284.7 | 288.6 | 249.3 |
| Acids, alkalies, salts and fertilizers .............. | 266.0 | 302.0 | 325.5 | 318.6 | 309.9 | 352.7 | 334.3 | 265.2 |
| Miscellaneous manufactures | 237.2 | 246.6 | 241.6 | 245.5 | 245.4 | 254.0 | 260.7 | 260.9 |
| DURABLE MANUFACTURES | 165.0 | 175.9 | 181.9 | 190.7 | 165.2 | 200.5 | 206.1 | 177.6 |
| Wood products | 151.5 | 159.0 | 157.2 | 179.2 | 164.0 | 165.2 | 173.3 | 169.2 |
| Saw and planing mills | 161.1 | 172.1 | 171.5 | 202.6 | 179.5 | 180.8 | 191.8 | 185.4 |
| Veneers and plywoods | 329.8 | 358.8 | 356.6 | 363.9 | 301.2 | 391.7 | 395.0 | 354.2 |
| Sawmills ......... | 149.6 | 162.3 | 164.5 | 205.2 | 177.1 | 172.7 | 185.8 | 179.: |
| Furniture. | 152.5 | 153.0 | 146.5 | 148.5 | 150.9 | 152.9 | 154.2 | 153.1 |
| Iron and steel products | 152.1 | 161.8 | 166.6 | 173.5 | 154.6 | 187.1 | 188.1 | $17+.7$ |
| Machinery .......... | 149.1 | 160.2 | 160.0 | 162.0 | 162.1 | 174.7 | 179.5 | 181.5 |
| Iron castings | 135.5 | 151.1 | 165.2 | 182.0 | 120.7 | 217.1 | 212.7 | 167.5 |
| Primary iron and steel | 193.0 | 216.9 | 225.5 | 230.7 | 208.2 | 258.4 | 255.8 | 232.1 |
| Sheet metal products. | 157.3 | 156.9 | 157.9 | 166.0 | 168.8 | 159.9 | 168.2 | 171.1 |
| Transportation equipment | 156.7 | 181.4 | 203.1 | 208.3 | 142.4 | 234.9 | 239.3 | 139.0 |
| Aircraft and parts ... | 260.0 | 233.8 | 227.6 | 227.3 | 220.2 | 269.6 | 276.1 | 275.1 |
| Motor vehicles ... | 206.9 | 257.6 | 308.4 | 324.5 | 170.1 | 364.2 | 374.3 | 129.7 |
| Motor vehicle parts | 146.6 | 179.5 | 184.8 | 181.0 | 157.5 | 227.8 | 223.3 | 199.1 |
| Railway rolling stock | 41.5 | 41.1 | 39.0 | 40.0 | 40.8 | 46.3 | 47.8 | 48.3 |
| Shipbuilding and repairs | 186.9 | 197.2 | 215.1 | 208.6 | 199.1 | 190.2 | 196.2 | 191.3 |
| Non-ferrous metal products | 148.9 | 148.8 | 149.8 | 147.2 | 140.1 | 161.9 | 164.3 | 156.5 |
| Brass and copper products | 126.9 | 133.4 | 129.9 | 133.3 | 137.7 | 150.3 | 154.1 | 156.7 |
| Smelting and refining ...... | 164.2 | 161.6 | 164.9 | 159.2 | 146.5 | 176.5 | 179.2 | 165.9 |
|  |  |  |  |  |  |  |  |  |
| supplies | 212.9 | 223.5 | 212.9 | 223.9 | 207.4 | 227.8 | 234.9 | 221.9 |
| Heavy electrical machinery .. | 149.8 | 154.3 | 151.7 | 155.2 | 156.1 | 158.4 | 160.5 | 161.6 |
| Telecommunication equipment | 524.1 | 546.9 | 473.3 | 521.8 | 428.1 | 520.2 | 516.6 | 428.4 |
| Refrigerators and appliances | 198.4 | 221.6 | 218.3 | 241.1 | 198.9 | 236.0 | 250.5 | 211.8 |
| Non-metallic mineral products | 240.9 | 243.0 | 263.4 | 278.0 | 273.1 | 275.6 | 306.3 | 306.7 |
| Concrete products | 655.0 | 652.3 | 786.2 | 784.3 | 760.2 | 859.2 | 994.4 | 1,000.8 |
| Hydraulic cement | 241.9 | 246.0 | 286.2 | 335.4 | 321.9 | 310.8 | 350.0 | 343.5 |
| Domestic clay products ..... | 148.1 | 136.7 | 144.1 | 171.5 | 158.1 | 160.4 | 155.4 |  |
| ELECTRIC POWER AND GAS UTILITIES | 337.7 | 367.4 | 351.5 | 332.3 | 314.4 | 374.2 | 368.5 | 349.2 |
| Electric power ................ | 313.1 | 339.2 | 329.1 | 318.6 | 308.0 | 349.2 | 346.1 | 340.5 |
| Gas . . . . . . . . . . . . . . . . . . . | 558.3 | 620.1 | 552.6 | 455.2 | 371.9 | 598.4 | 569.3 | 427.7 |



## Note to Users

The indexes of real domestic product at factor cost (the sum of the unduplicated output of all industries located in Canada) are an extension of the "Index of Industrial production" to cover the whole range of domestic industries. In addition to mining, manufacturing and electric power and gas utilities, total domestic product includes the following industry groups: agriculture; forestry; fishing and trapping; construction; transportation, storage and commanication; trade; finance, insurance and real estate; public administration and defence; and comunity, recreation, business and personal service.

The real domestic product indexes are also an elaboration of the supply side of the National Accounts. Total domestic product differs conceptually from constant dollar expenditure on Gross National Product by (i) the inclusion of income paid to non-residents (2) the exclusion of income received from non-residents, and (3) the exclusion of "indirect taxes less subsidies". In addition, of course, statistical differences may exist between these two measures of aggregate production.

The real output indexes in Table 3 serve to bring up to date the historical record of production in Canada published in DBS Occassional Paper 61-505, "Indexes of Real Domestic Product by Industry of Origin, 1935-61". This reference paper contains a detailed description of concepts and methods used as well as other relevant material.

The monthly "Index of Industrial Production" publication 6l-005 will henceforth contain quarterly indexes of real domestic product, less agriculture, with component industry detail. Quarterly indexes for agriculture and for aggregate domestic production will not be avallable, except on a once-a-year basis; they will appear in the annual supplement to this report each spring.

Seasonally adjusted real domestic product less agriculture for the second fuartsi of ivot was one per cent below the level attained in the first quarter of this year. The present quarterly(l) decline is the first to be shown since the beginning of the current expansion in production early in 1961. It should be noted, however, that the decline represented to a large extent a reversal of the sharp increases shown by construction and related industries during the preceding months and particularly during the first quarter. Compared with the first six months of 1963, non-agricultural output was over 7 per cent higher. The following table shows a comparison of percentage contributions of some major industry groupings to the change in non-agricultural output (as measured from the trough in production) for the last five quarters.

TABLE 1

|  | $\begin{aligned} & \text { I Q } \\ & \text { II Q } 61- \\ & \hline \end{aligned}$ | $\begin{gathered} \text { I Q } \\ \text { III } Q^{\prime} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { IQ }{ }^{1} 61- \\ & \text { IV Q } \end{aligned}$ | $\begin{array}{l::} \hline \text { I Q } \\ \text { I Q } \\ \hline \end{array}$ | $\begin{aligned} & \text { I Q '61- } \\ & \text { II Q } 64 \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Per cent change in nonagricultural output.. | $+12.5$ | $+13.0$ | +17.1 | $+21.0$ | $+19.9$ |
|  | Per cent contribution to change (expressed as 100 per cent) |  |  |  |  |
| Forestry .............. | 1.0 | 2.3 | 2.8 | 2.6 | 1.7 |
| Fishing and trapping | - 0.2 | - 0.3 | $=0.5$ | - 0.2 | - 0.5 |
| Mining . | 7.6 | 6.8 | 7.3 | 8.0 | 8.2 |
| Manufacturing | 37.8 | 36.8 | 36.1 | 35.1 | 37.6 |
| Non-durables | 15.1 | 15.1 | 14.2 | 13.6 | 15.4 |
| Duxables | 22.7 | 21.7 | 21.9 | 21.5 | 22.2 |
| Construction | 5.6 | 3.8 | 5.7 | 8.1 | 3.6 |
| Electric power and gas utilities ............. | 5.0 | 5.7 | 5.7 | 4.7 | 5.4 |
| Transportation, storage, communication ....... | 9.1 | 9.9 | 11.1 | 10.4 | 11.5 |
| Trade. | 13.4 | 12.8 | 13.2 | 15.1 | 14.2 |
| Other services* | 20.1 | 21.6 | 18.2 | 15.9 | 17.5 |
| Totals ............ | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

* Includes public administration and defence, finance, insurance and real estate and communty, recreation, business and personal services.

The 11 per cent drop in construction in the second quarter accounted for about 80 per cent of the decline in total non-agricultural output. Stimulated in part by the government winter housebuilding incentive programme and the pending imposition of the second stage of the tax on building materials on April 1, construction activity had increased by 6 per cent in the fourth quarter of 1963 and by a further 9 per cent in the first quarter of 1964. The current decline left construction at 3 per cent above the third quarter of 1963. It was concentrated in the area of residential construction which alone accounted for more than one half of the decline in non-agricultural output. It should be noted that while there was a sharp drop in the construction of single and semi-detached dwelling units, the drop in construction activity on multi-unit dwellings from an exceptionally high first quarter level also contributed substantially to the decrease in residential construction.

The next largest contributor to the decline was trade, with wholesale trade down by $21 / 2$ per cent and retail trade by $1 / 2$ per cent. Both at the retall and wholesale levels the most significant declines took place in the trades dealing with construction materials, such as the 27 per cent decline in lumber and building matexial dealer sales, which accounted for over one half of the decline in retall trade; and the 20 per cent declines in construction materials and supplies and in industrial and transportation equipment dealexs which contributed heavily to the decline in wholesale trade.
(1) The monthly Index of Industrial Production showed little change in the second quartex, in spite of the fact that the April level was a record high. In June, the Index was 1.6 per cent below the Apxil level and only marginally higher than January. For an analysis of monthly movements ser page 2 of this report.

Other declines occurred in mining, forestry, and fishing and trapping. Public administration and defence declined fractionally. Mining output decreased by almost one per cent, with declines concentrated in metal mining, particularly iron ore ( $-7 \%$ ) and other metals (including uranium). The 9 per cent drop in the irregularly fluctuating forestry industry contributed more than one sixth of the decrease in non-agricultural output, thus exercising more than its usual influence on the total change.

Manufacturing showed a marginal increase, as a result of a one per cent increase in non-durables just outweighing a 0.6 per cent decline in durables. As in trade, the largest declines in durables occurred in industries which produce construction materials and related goods, such as the wood products and non-metallic mineral products groups which declined by 4 and 6 per cent respectively and together accounted for over one half of the decline in durables. The remainder was mostly accounted for by the 6 per cent decline in the motor vehicle component of the transportation equipment group. This was the first quarterly decline recorded by this industry since the beginning of its current period of expansion early in 1961, during the course of which its output has more than doubled. Iron and steel production in the second quarter continued to increase, showing a gain of 2 per cent, with increases in iron castings and primary iron and steel of 11 and 3 per cent respectively. Non-ferrous metal products increased by $31 / 2$ per cent as a result of a $41 / 2$ per cent increase in smelting and refining and smaller gains in some other components. Electrical apparatus and supplies also expanded, the larger portion of the gain coming from a 6 per cent increase in refrigerators and appliances.

Within non-durable manufacturing, strong gains of 2 to 9 per cent were shown by petroleum products, textile products, printing and publishing and tobacco products, the increase in the last group representing in part a recovery from a very low first quarter. Paper products increased by less than one per cent, with the effects of a 3 per cent gain in pulp and paper dampened by the sharp decline of the roofing paper component from the exceptionally high first quarter levels. Foods and beverages declined by 1 per cent, with a drop in its grain milling component of 5 per cent, again from very high first quarter levels, reflecting in the main developments associated with the export of grain and flour. A fractional decline occurred in chemicals, as a result of a large drop in paints and varnishes, while most other components of chemicals increased.

The transportation, storage and communication group showed a gain of one and a half per cent in the second quarter, with all three components contributing to the increase. Storage was up by 9 $1 / 2$ per cent as a result of increased receipts and shipments at grain elevators. The transportation group increased by one per cent in spite of the two per cent decline in its largest component, railways, which failed to sustain the rapid increases achieved during the previous two quarters when rail facilities were increasingly being used to transport grain. The expansion in transportation activity for the second quarter came largely from shipping, which showed an above average gain due to the large quantities of wheat carried at that time. Alr transport, and increased throughput of ofl and gas pipelines also contributed to the advance in total transportation.

Except for the 2 per cent increase in the electric power and gas utilities group, which resulted from a 16 per cent gain in the gas component, the remaining industry divisions showed little change in the quarter. Finance, insurance and real estate increased by about one half of one per cent, which is below trend for this industry group. Community, recreation, business and personal service advanced by just over half of one per cent, with personal service showing no change from the first quarter and the other three components recording increases in the the range of one to 5 per cent.

COMPARISON OF CONSTRUCTION AND RELATED INDUSTRIES BY QUARTERS, 1956-64
(SEASONALLY ADJUSTED QUANTITY INDEXES; $1949=100$ )


TABLE 3. Indexes of Real Domestic Product, less Agriculture 1949=100

|  | Gross <br> Domestic <br> Product, less agriculture | Forestry | Fishing and trapping | Mining |  |  |  | Manufacturing |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Total | Metals | Nonmetals | Fuels | Total | $\begin{gathered} \text { Non-durable } \\ \text { manu- } \\ \text { facturing } \end{gathered}$ |
|  |  |  |  |  |  |  |  |  | Total |
| 1949 Weights | 89.286 | 2.108 | 0.540 | 3.245 | 1.925 | 0.268 | 0.915 | 27.340 | 14.742 |
|  | Seasonally adjusted |  |  |  |  |  |  |  |  |
| 1961-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 162.2 | 128.9 | 141.9 | 250.9 | 195.4 | 210.2 | 369.2 | 147.7 | 153.3 |
|  | 165.3 | 130.4 | 109.0 | 262.6 | 185.2 | 208.4 | 431.8 | 150.8 | 155.9 |
|  | 169.2 | 134.7 | 109.5 | 271.9 | 191.7 | 210.3 | 447.4 | 155.4 | 158.6 |
|  | 170.8 | 130.4 | 120.2 | 279.6 | 195.2 | 214.0 | 465.9 | 158.8 | 161.2 |
| $1962-1$234 | 173.5 | 146.9 | 144.1 | 280.4 | 194.2 | 221.8 | 471.8 | 160.5 | 162.8 |
|  | 175.5 | 141.7 | 123.6 | 287.7 | 205.3 | 224.1 | 463.0 | 164.1 | 165.3 |
|  | 176.8 | 140.4 | 131.4 | 291.1 | 199.6 | 227.4 | 488.3 | 166.5 | 165.4 |
|  | 178.0 | 143.6 | 130.0 | 290.6 | 192.0 | 213.7 | 505.0 | 168.5 | 165.9 |
| 1963-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 180.9 | 148.8 | 122.4 | 290.3 | 194.6 | 215.4 | 503.7 | 170.3 | 168.8 |
|  | 182.4 | 137.8 | 134.6 | 293.0 | 198.2 | 219.8 | 502.3 | 172.6 | 171.7 |
|  | 183.3 | 149.4 | 130.0 | 290.6 | 188.2 | 233.1 | 512.0 | 173.1 | 172.5 |
|  | 190.0 | 161.4 | 121.1 | 306.6 | 199.3 | 240.5 | 539.2 | 180.4 | 177.1 |
| $\begin{array}{r} 1964-1 \\ 2 \\ 3 \\ 4 \end{array}$ | $196.2$ | $167.0$ | $133.3$ |  |  |  |  |  |  |
|  | $194.4$ | $151.9$ | $116.2$ | $323.6$ | $216.8$ | $252.9$ | $556.1$ | $187.2$ | $183.2$ |
|  | Without seasonal adjustment |  |  |  |  |  |  |  |  |
| 1961 | 166.8 | 130.8 | 115.7 | 266.9 | 191.7 | 211.7 | 430.7 | 153.0 | 157.0 |
| 1962 | 175.8 | 140.5 | 130.4 | 287.4 | 197.7 | 222.5 | 480.8 | 164.9 | 164.8 |
| 1963 | 184.1 | 149.4 | 125.2 | 294.4 | 193.8 | 228.1 | 513.6 | 173.9 | 172.2 |
| 1961-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 150.8 | 104.5 | 77.2 | 246.0 | 181.1 | 194.5 | 408.0 | 143.3 | 146.8 |
|  | 167.6 | 120.5 | 112.9 | 260.3 | 186.3 | 212.3 | 416.0 | 153.9 | 156.7 |
|  | 174.3 | 154.3 | 155.5 | 281.8 | 204.9 | 212.5 | 436.1 | 155.1 | 161.0 |
|  | 174.7 | 143.8 | 117.1 | 279.7 | 194.4 | 227.6 | 462.8 | 159.7 | 163.4 |
| $1962-\frac{1}{2}$34 | 161.7 | 117.2 | 74.9 | 277.5 | 180.6 | 210.4 | 515.4 | 155.7 | 156.6 |
|  | 177.9 | 126.4 | 127.8 | 283.7 | 204.9 | 228.7 | 444.3 | 168.0 | 166.1 |
|  | 181.8 | 163.8 | 189.6 | 300.8 | 214.2 | 227.5 | 472.1 | 166.0 | 167.8 |
|  | 181.9 | 154.5 | 129.4 | 287.6 | 191.3 | 223.6 | 491.4 | 169.7 | 168.7 |
| 1963-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 169.2 | 123.7 | 78.0 |  |  | 204.7 |  |  |  |
|  | 184.9 | 129.1 | 136.9 | 290.9 | 202.4 | 224.5 | 479.5 | 176.4 | 171.8 |
|  | 188.0 | 175.8 | 168.4 | 298.0 | 199.9 | 232.3 | 493.8 | 172.3 | 175.4 |
|  | 194.1 | 169.0 | 117.5 | 304.9 | 197.4 | 250.9 | 533.8 | 182.4 | 180.2 |
| 1964-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | $183.4$ | $140.4$ |  |  |  | $218.7$ |  |  |  |
|  | $197.0$ | $138.9$ | $118.3$ | $321.7$ | $224.3$ | 257.3 | $526.3$ | $\begin{aligned} & 181.0 \\ & 191.7 \end{aligned}$ | $\begin{aligned} & 174.0 \\ & 184.0 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |  |

TABLE 3. Indexes of Real Domestic Product, less Agriculture - Continued $1949=100$


TABLE 3. Indexes of Real Domestic Product, less Agriculture - Continued $1949=100$

|  | Manufacturing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Non-durable manufacturing |  |  | Durable manufacturing |  |  |  |  |
|  | Products of petroleum and coal | Chemicals and allied products | Miscel- <br> laneous manufacturing | Total | Wood products | Iron and steel products | Transportation equipment | Nonferrous metal products |
| 1949 Weights | 0.513 | 1.359 | 0.524 | 12.598 | 2.108 | 4.026 | 2.651 | 1.601 |
|  | Seasonally adjusted |  |  |  |  |  |  |  |
| 1961-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 246.5 | 219.2 | 199.7 | 141.3 | 134.4 | 132.6 | 120.3 | 148.0 |
|  | 266.7 | 222.9 | 206.1 | 144.7 | 136.8 | 137.3 | 121.4 | 147.7 |
|  | 259.0 | 224.4 | 216.8 | 151.8 | 142.7 | 144.9 | 136.6 | 142.5 |
|  | 262.2 | 222.7 | 228.1 | 156.1 | 146.4 | 141.4 | 143.3 | 152.8 |
| $1962-1$234 | 269.7 | 232.7 | 231.8 | 157.7 | 148.5 | 144.8 | 141.5 | 151.3 |
|  | 263.8 | 237.3 | 234.3 | 162.7 | 149.4 | 149.5 | 151.0 | 150.2 |
|  | 267.2 | 232.7 | 240.9 | 167.8 | 153.3 | 156.8 | 160.7 | 149.1 |
|  | 287.7 | 228.2 | 241.2 | 171.5 | 157.9 | 157.7 | 169.9 | 144.9 |
| 1963-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 289.7 | 238.1 | 241.9 | 172.1 | 157.4 | 160.1 | 172.6 | 146.4 |
|  | 293.5 | 249.9 | 249.0 | 173.6 | 157.1 | 160.6 | 173.6 | 150.3 |
|  | 301.2 | 250.8 | 249.1 | 173.7 | 157.1 | 158.2 | 177.4 | 149.7 |
|  | 306.4 | 259.1 | 246.5 | 184.2 | 165.0 | 168.2 | 202.0 | 149.8 |
| 1964-1 $\begin{array}{r}1 \\ 2 \\ 3\end{array}$ | 302.3 | 272.7 | 256.7 | 193.0 | 171.2 | 176.9 | 209.1 | 156.7 |
|  | 307.9 | 271.9 | 261.2 | 191.9 | 164.6 | 180.7 | 202.2 | 162.2 |
|  | Without seasonal adjustment |  |  |  |  |  |  |  |
| $\begin{aligned} & 1961 \\ & 1962 \\ & 1963 \end{aligned}$ | 258.8 | 222.1 | 213.0 | 148.4 | 139.6 | 139.4 | 129.8 | 147.6 |
|  | 272.8 | 233.2 | 237.2 | 165.0 | 151.5 | 152.1 | 156.7 | 148.9 |
|  | 296.0 | 249.1 | 246.6 | 175.9 | 159.0 | 161.8 | 181.4 | 148.8 |
| $1961-1$234 | 248.9 | 214.7 | 194.0 | 139.2 | 132.7 | 130.1 | 131.1 | 146.1 |
|  | 256.4 | 229.3 | 202.2 | 150.8 | 139.7 | 141.5 | 141.9 | 147.9 |
|  | 265.5 | 223.2 | 218.8 | 148.3 | 151.4 | 145.7 | 101.3 | 141.6 |
|  | 264.5 | 221.1 | 237.0 | 155.4 | 134.8 | 140.4 | 144.7 | 154.7 |
| $1962-1$23 | 273.1 | 229.0 | 224.8 | 154.8 | 146.8 | 139.1 | 153.9 | 150.6 |
|  | 253.9 | 245.4 | 228.9 | 170.2 | 152.0 | 154.8 | 178.0 | 149.9 |
|  | 275.3 | 233.3 | 242.3 | 164.0 | 162.7 | 158.5 | 121.9 | 147.9 |
|  | 288.6 | 225.3 | 252.7 | 170.9 | 144.6 | 155.8 | 172.9 | 147.2 |
| 1963-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ |  |  | 234.2 | 168.2 | 156.0 | 153.5 | 182.6 | 146.7 |
|  | 276.8 | 259.3 | 241.6 | 181.7 | 159.5 | 166.6 | 203.1 | 148.9 |
|  | 309.3 | 250.4 | 251.2 | 168.6 | 167.6 | 161.7 | 129.6 | 147.6 |
|  | 306.7 | 252.7 | 259.4 | 184.9 | 153.1 | 165.2 | 210.3 | 152.2 |
| 1964-1 | 306.3 | 272.5 | 247.5 | 188.7 | 170.3 | 169.7 | 223.7 | 156.5 |
|  | 290.3 | 285.3 | 254.7 | 200.7 | 165.6 | 186.0 | 236.1 | 163.0 |

TABLE 3. Indexes of Real Domestic Product, less Agriculture - Continued 1949=100

|  | Manuf | cturing | Construction | Electric power and gas utilities | Transportation, storage and communication |  |  | Trade <br> Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Durable manufacturing |  |  |  |  |  |  |  |
|  | ```Electrical apparatus and supplies``` | Nor-metallic mineral products |  |  | Total | Transportation | Storage |  |
| 1949 Weights | 1.418 | 0.794 | 6.379 | 1.646 | 8.363 | 6.528 | 0.230 | 14.562 |
|  | Seasonally adjusted |  |  |  |  |  |  |  |
| 1961-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ \\ \\ \\ 4\end{array}$ | 169.3 | 210.2 | 158.5 | 304.1 | 168.2 | 156.0 | 222.0 | 154.9 |
|  | 175.0 | 221.0 | 165.5 | 319.4 | 173.0 | 161.0 | 233.8 | 156.8 |
|  | 185.8 | 220.2 | 173.2 | 327.8 | 174.1 | 162.4 | 215.5 | 160.1 |
|  | 199.0 | 228.5 | 171.7 | 325.9 | 173.8 | 160.6 | 207.9 | 161.1 |
| 1962-1 | 206.6 | 227.4 | 172.1 | 335.7 | 179.8 | 167.8 | 202.8 | 164.2 |
|  | 211.2 | 242.7 | 173.8 | 337.7 | 177.2 | 165.4 | 161.0 | 166.7 |
|  | 213.1 | 242.6 | 169.8 | 343.4 | 179.8 | 167.3 | 180.1 | 166.7 |
|  | 221.3 | 248.2 | 170.4 | 339.0 | 181.5 | 166.8 | 231.8 |  |
| 1963-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 220.0 | 236.7 | 172.0 |  | 188.3 | 175.7 | 217.2 | 171.1 |
|  | 223.4 | 242.0 | 174.4 | 359.2 | 187.8 | 174.1 | 202.8 | 171.5 |
|  | 222.1 | 246.5 | 169.8 | 369.8 | 190.5 | 176.2 | 230.7 | 171.5 |
|  | 228.6 | 247.5 | 180.6 | 390.2 | 201.0 | 188.8 | 253.6 | 177.3 |
| $1964-1$234 | 231.0 | 283.9 | 196.9 | 390.6 | 205.9 | $193.6$ | 234.4 | $186.4$ |
|  |  |  |  |  |  |  |  |  |
|  | Without seasonal adjustment |  |  |  |  |  |  |  |
| $\begin{aligned} & 1961 \\ & 1962 \\ & 1963 \end{aligned}$ | 182.6 | 220.2 | 168.4 | 317.7 | 172.1 | 159.7 | 220.3 | 158.2 |
|  | 212.9 | 240.9 | 171.0 | 337.7 | 179.2 | 166.4 | 192.9 | 166.8 |
|  | 223.5 | 243.0 | 173.6 | 367.4 | 192.0 | 178.8 | 227.1 | 173.2 |
| $1961-1$234 | 166.9 | 166.3 | 98.3 | 340.8 | 150.7 | 134.7 | 179.8 | 139.2 |
|  | 170.5 | 227.7 | 169.1 | 308.6 | 176.7 | 166.1 | 254.1 | 162.9 |
|  | 186.4 | 254.8 | 221.0 | 284.7 | 185.1 | 177.3 | 229.8 | 156.4 |
|  | 206.7 | 232.0 | 185.3 | 336.8 | 175.7 | 160.7 | 217.7 | 174.4 |
| 1962-1 $\begin{array}{r}1 \\ \frac{2}{3} \\ 4\end{array}$ | 203.3 | 180.3 | 109.0 | 374.9 | 161.8 | 145.4 | 164.5 | 148.4 |
|  | 205.3 | 249.3 | 175.8 | 328.5 | 181.4 | 171.5 | 173.1 | 173.6 |
|  | 213.5 | 279.8 | 215.5 | 298.7 | 190.4 | 182.0 | 192.0 | 163.0 |
|  | 229.4 | 254.0 | 183.5 | 348.7 | 183.1 | 166.5 | 241.8 | 182.3 |
| 1963-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 216.2 | 184.3 | 109.5 | 395.6 | 170.6 | 153.6 | 181.4 | 156.4 |
|  | 216.5 | 250.1 | 176.7 | 349.2 | 192.4 | 180.9 | 212.6 | 177.9 |
|  | 222.0 | 283.7 | 214.2 | 324.6 | 203.2 | 193.8 | 240.8 | 165.9 |
|  | 239.2 | 253.9 | 194.1 | 400.2 | 201.8 | 186.8 | 273.4 | 192.4 |
| $\begin{array}{r} 1964-1 \\ 2 \end{array} \quad \ldots \ldots .$ | 227.1 | 213.1 | 128.1 | 439.2 | 186.7 | 169.9 | 196.8 | 170.4 |
|  | 230.0 | 273.8 | 178.4 | 387.5 | 212.8 | 201.9 | 257.6 | 189.4 |

TABLE 3. Indexes of Real Domestic Product, less Agricultura - Concluted $1949=100$

|  | Trade |  | Finance, insurance and real estate | Public <br> adminis- <br> tration <br> and <br> defence | Comunity, recreation, business and personal service | Special Inclustry Indexes |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Wholesale | Retail |  |  |  | Commercial <br> industries, <br> less <br> agriculture | Noncommercial industries (1) | Index of Industrial Production |
| 1949 Weights | 4.995 | 9.567 | 9.127 | 4.666 | 10.202 | 81.015 | 8.271 | 32.231 |
|  | Seasonally adjusted |  |  |  |  |  |  |  |
| $1961-1$234 | 154.8 | 155.0 | 173.1 | 182.5 | 149.0 | 160.7 | 176.9 | 166.1 |
|  | 161.3 | 154.5 | 174.5 | 182.6 | 150.8 | 164.0 | 178.5 | 170.6 |
|  | 167.7 | 156.2 | 176.3 | 184.7 | 153.8 | 168.0 | 181.0 | 176.0 |
|  | 168.5 | 157.3 | 178.0 | 185.9 | 154.9 | 169.7 | 182.5 | 179.5 |
| $1962-1$234 | 171.3 | 160.4 | 179.7 | 186.7 | 156.0 | 172.4 | 184.2 | 181.5 |
|  | 175.7 | 162.0 | 182.8 | 189.9 | 156.8 | 174.4 | 186.9 | 185.5 |
|  | 176.8 | 161.5 | 183.3 | 189.3 | 159.3 | 175.7 | 187.8 | 188.1 |
|  | 175.5 | 164.7 | 185.5 | 185.7 | 160.5 | 177.1 | 186.9 | 189.5 |
| $1963-1$234 | 182.0 | 165.4 | 190.1 | 186.6 | 162.7 | 180.2 | 187.5 | 191.7 |
|  | 180.6 | 166.7 | 192.9 | 187.7 | 164.4 | 181.7 | 189.4 | 194.2 |
|  | 177.9 | $168.2$ | 195.9 | 189.2 | 165.6 | 182.6 | 191.2 | 195.9 |
|  | 185.0 | 173.3 | 198.9 | 189.2 | 167.1 | 189.7 | 192.3 | 203.8 |
| 1964-1 | $202.0$ | $178.2$ | $200.6$ | $190.4$ | $168.1$ | $196.6$ | $193.5$ | $211.4$ |
|  | $196.7$ | $175.5$ | $201.4$ | $190.1$ | $169.3$ | $194.4$ | $194.2$ | $211.3$ |
|  | Without seasonal adjustment |  |  |  |  |  |  |  |
| $\begin{aligned} & 1961 \\ & 1962 \\ & 1963 \end{aligned}$ | 162.7 | 155.9 | 175.5 | 183.9 |  |  |  |  |
|  | 174.9 | 162.6 | 182.9 | 187.9 | 158.2 | 174.8 | 186.5 | 186.0 |
|  | 181.6 | 168.8 | 194.5 | 188.1 | 165.0 | 183.6 | 188.7 | 195.9 |
| $1961-1$234 | 150.2 | 133.4 | 170.2 | 177.3 | 145.0 | 148.5 | 173.7 | 163.7 |
|  | 171.7 | 158.3 | 175.5 | 182.5 | 151.4 | 1.66 .4 | 178.6 | 172.6 |
|  | 161.8 | 153.6 | 179.5 | 190.8 | 157.4 | 173.2 | 184.6 | 174.5 |
|  | 167.1 | 178.2 | 176.9 | 185.0 | 154.9 | 174.0 | 181.9 | 180.8 |
| $1962-1$234 | 167.0 | 138.7 | 176.7 | 181.5 | 151.8 | 159.7 | 181.0 | 179.2 |
|  | 187.3 | 166.5 | 183.8 | 189.8 | 157.4 | 177.0 | 187.0 | 187.8 |
|  | 170.7 | 158.9 | 186.7 | 195.5 | 163.2 | 180.8 | 191.5 | 186.4 |
|  | 174.5 | 186.4 | 184.4 | 184.9 | 160.6 | 181.5 | 186.4 | 190.7 |
| 1963-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 181.0 | 143.6 | 186.5 | 181.0 | 158.3 | 167.8 | 182.8 | 188.4 |
|  | 190.4 | 171.4 | 194.4 | 188.0 | 164.4 | 184.5 | 188.3 | 196.7 |
|  | 168.5 | 164.5 | 199.3 | 196.0 | 170.0 | 187.4 | 193.9 | 192.7 |
|  | 186.4 | 195.6 | 197.7 | 187.5 | 167.1 | 194.6 | 189.7 | 205.8 |
| $\begin{array}{r} 1964-1 \\ 2 \\ 3 \\ 4 \end{array}$ | $202.2$ | $153.8$ | $196.7$ | $184.3$ | $163.5$ | $182.8$ | $189.6$ | $207.4$ |
|  | $35 \cdot 1$ | 180. 3 | $207.5$ | $190.3$ | $169.4$ | $137.3$ | $154.5$ | $244.8$ |

[^1] communty service, n.e.c.; and domestic service.




[^0]:    (1) See page 2 footnote (2).

[^1]:    (1) Includes public administration and defence; hospitals; education; welfare, religion and other

