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## DOMINION BUREAU OF STATISTICS

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The seasonally adjusted index of in 1 striacomphefion advenced by 0.4 per cent in August.

EMRLOTHEOUE


This issue contains indexes of non-agricultural real output for the latest available quarter (2nd quarter 1967).

> National Accounts, Production and Productivity Division Industrial Output Section

October 1967
2205-502
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#### Abstract

The seasonally adjused Indox of Industrial Production adyanced by 0.4 per eent in Adgust, rising to 284.2 from the revised July level of 283.0 . All of the gain was contributed by manufacturing, which rose by 0.7 per cent, as mining and electric power and gas utilities fell by 0.6 and 0.2 per cent respectively. Roughly two-thirds of the manufacturing gain originated in durables.

Non-ferrous metal products was the biggest single factor in the durables increase of $l$ per cent. Nearly all of the 9 per cent increase in non-ferrous metal products occurred in smelting and refining, which rose by mearly 14 per cent. In part this was due to recovery from both labour disputes and from production cutbacks in July. Non-metallic mineral products rose by 6 per cent. In transportation equipment ( $+3 \%$ ), most of the gain was due to increased motor vehicle production.

Partially offsetting the above durable gains were declines in wood products, iron and steel products and electrical apparatus and supplies that ranged from marginal to more than 4 per cent. In electrical apparatus and supplies ( $-4 \%$ ) a drop of nearly 23 per cent in telecommunication equipment was only partially offset by gains in all of the other components. The decline in telecommunication equipment was primarily due to reduced production of black and white television sets. Primary iron and steel fell by 3.6 per cent.


In non-durable manufacturing ( $+0.5 \%$ ) 6 of the 11 major components fell. About 80 per cent of the non-durables gain was due to the better than 10 per cent gain in textiles. In turn nearly all of this was due to the better than 24 per cent increase in synthetic textiles and silk. Gains in the other rising non- durable components were considerably smaller, ranging from fractional in paper products to nearly 2 per cent in products of petroleum and coal. On the negative side declines ranged from fractional in clothing and in foods and beverages to 8 per cent in rubber products.

In mining ( $-0.6 \%$ ) declines of more than 4 per cent in non-metals and nearly 2 per cent in fuel were only partially offset by a near 1 per cent increase in metals. Host of the wetals increaso gas due to a gain of almost 8 per cent in rickel

The fractional decrease in electric power and sas btilities fas entirely due to the doclion in electric power as gas rose by nearly 1 percent.

With 1967 two-thirds complete, the following changes are now shown from the same period in 1966:

1st 8 months 1967
1st 8 months 1966
Percentage change

$+2.7$
$+6.1$
$+1.1$
$+1.9$
$+0.1$
$+10.9$

## NOTE

The figures in tables 1 and 2 may not reconcile with those on the Index of Tndustrial production in table 3 because of small revisions to June which have not been incorporatui in the latter table.
$(1949=100)$

| Industry or industry group | $\begin{gathered} 1949 \\ \text { percentage } \\ \text { weights } \end{gathered}$ | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1967 |  |  |  |  |  |
|  |  | Mar . | Apr | May | June | July | Aug. |
| INDEX OF INDUSTRIAL PRODUCTION | 32.231 | 277.1 | 280.7 | 280.0 | 280.8 | 283.0 | 284.2 |
| MINING | 3.245 | 401.9 | 411.4 | 415.4 | 424.2 | 420.9 | 418.5 |
| Metals | 1.925 | 279.0 | 269.8 | 269.7 | 264.1 | 263.6 | 265.8 |
| Gold | 0.575 | 69.2 | 66.9 | 67.7 | 70.9 | 69.6 | 66.0 |
| Cupper | 0.352 | 231.4 | 241.7 | 235.3 | 219.3 | 214.1 | 216.9 |
| Iron ore | 0.099 | 1,458.6 | 1,348.2 | 1,237.5 | 1,214.8 | 1,297.4 | 1,303.7 |
| Nickel | 0.333 | 177.0 | 189.1 | 197.9 | 194.9 | 177.0 | 190.7 |
| Non-metals | 0.268 | 397.5 | 437.1 | 458.8 | 472.9 | 472.6 | 451.6 |
| Asbestos | 0.189 | 267.8 | 293.9 | 293.4 | 308.3 | 281.3 | 273.8 |
| Fuels | 0.915 | 662.0 | 695.4 | 707.9 | 752.0 | 744.8 | 730.8 |
| Coal | 0.553 | 54.7 | 53.9 | 54.9 | 55.4 | 52.4 | 59.3 |
| Natural gas | 0.035 | 1,758.9 | 1,726.8 | 1,840.3 | 1,839.2 | 1,909.2 | 1,821.7 |
| Petroleum | 0.327 | 1,571.6 | 1,670.0 | 1,690.9 | 1,813.8 | 1,791.1 | 1,749.5 |
| MANUFACTURING, TOTAL | 27.340 | 246.3 | 249.7 | 246.9 | 247.3 | 249.2 | 250.9 |
| Non-durable manufactures | 14.742 | 241.0 | 244.5 | 242.7 | 245.1 | 243.9 | 245.0 |
| Foods and beverages | 3.814 | 210.8 | 214.7 | 212.1 | 213.5 | 216.1 | 214.7 |
| Foods | 2.896 | 203.0 | 202.8 | 196.2 | 201.4 | 202.9 | 202.3 |
| Meat products | 0.523 | 209.5 | 212.6 | 211.4 | 214.2 | 213.7 | 206.7 |
| Dairy products | 0.450 | 198.8 | 210.0 | 200.9 | 208.3 | 215.4 | 212.3 |
| Canning and processing | 0.453 | 217.4 | 210.0 | 195.0 | 210.0 | 207.4 | 211.6 |
| Grain mill products | 0.322 | 213.2 | 214.4 | 212.4 | 215.3 | 217.5 | 215.0 |
| Bakery products .... | 0.558 | 158.6 | 158.6 | 155.6 | 156.1 | 155.0 | 155.6 |
| Miscellaneous foods. | 0.590 | 225.8 | 218.6 | 209.5 | 213.5 | 217.6 | 220.8 |
| Beverages | 0.918 | 235.3 | 252.2 | 262.4 | 251.6 | 257.7 | 253.8 |
| Carbonated beverages | 0.231 | 236.3 | 242.5 | 249.7 | 260.5 | 253.3 | 262.5 |
| Breweries ... | 0.463 | 196.2 | 211.2 | 213.3 | 199.1 | 223.8 | 218.5 |
| Distilleries | 0.203 | 318.8 | 354.6 | 387.6 | 357.8 | 339.6 | 325.3 |
| Tobacco and tobacco products | 0.248 | 262.4 | 264.1 | 252.1 | 260.0 | 257.0 | 254.5 |
| Rubber products | 0.430 | 237.0 | 251.7 | 228.7 | 247.3 | 287.3 | 263.4 |
| Leather products | 0.508 | 126.9 | 127.9 | 127.3 | 130.6 | 137.2 | 131.0 |
| Boots and shoes | 0.307 | 130.1 | 130.1 | 129.1 | 132.7 | 142.4 | 134.7 |
| Textiles | 1.623 | 227.3 | 240.7 | 233.5 | 235.1 | 215.2 | 237.6 |
| Cotton goods | 0.507 | 140.7 | 167.7 | 144.9 | 146.6 | 138.8 | 130.0 |
| Woollen goods ............ | 0.300 | 85.4 | 79.5 | 84.2 | 82.6 | 81.6 | 85.6 |
| Synthetic textiles and silk | 0.429 | 428.5 | 454.0 | 449.6 | 450.1 | 384.6 | 478.8 |
| clothing .................... | 1.801 | 175.4 | 172.5 | 170.8 | 172.4 | 171.7 | 170.8 |
| Paper products | 2.649 | 210.9 | 214.7 | 217.7 | 212.0 | 215.4 | 215.9 |
| Pulp and paper | 2.108 | 203.6 | 207.5 | 210.6 | 203.9 | 209.2 | 209.1 |

TABLE 1. Seasonally Adjusted Index of Industrial Production - Conc Iudad
$(1949=100)$

| Industry or industry group | $1949$ <br> percentage weights | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1967 |  |  |  |  |  |
|  |  | Mar. | Apr. | May | June | July | Aug. |
| NON-DURABLE MANUFACTURES Concluded: |  |  |  |  |  |  |  |
| Printing, publishing and allied industries | d 1.273 | 247.9 | 248.9 | 245.0 | 257.4 | 246.6 | 248.5 |
| Products of petroleum and coal <br> Petroleum products ......... | 0.513 | 378.8 | 372.6 | 374.6 | 391.4 | 381.3 | 388.6 |
|  | 0.454 | 413.5 | 406.1 | 407.7 | 426.7 | 415.8 | 423.1 |
| Chemicals and allied products Acids, alkalies, salts and fertilizers .............. | 1.359 | 384.4 | 386.9 | 393.0 | 394.5 | 395.2 | 390.0 |
|  | 0.346 | 545.1 | 531.8 | 553.3 | 571.7 | 549.9 | 563.3 |
| Miscellaneous manufactures | 0.524 | 461.4 | 464.2 | 461.7 | 464.0 | 455.5 | 457.4 |
| DURABLE MANUFACTURES | 12.598 | 252.5 | 255.7 | 251.8 | 249.9 | 255.4 | 257.9 |
| Wood products | 2.108 | 187.1 | 195.8 | 187.0 | 189.7 | 187.9 | 187.5 |
| Saw and planing mills | 1.444 | 185.5 | 197.7 | 185.1 | 188.8 | 186.2 | 186.0 |
| Veneers and plywoods | 0.122 | 417.0 | 443.5 | 466.2 | 497.0 | 450.8 | 428.8 |
| Sawnills . | 0.994 | 183.9 | 197.9 | 177.1 | 178.8 | 181.2 | 183.8 |
| Furniture | 0.460 | 232.0 | 234.0 | 233.7 | 235.4 | 235.6 | 233.9 |
| Iron and steel products | 4.026 | 253.0 | 251.5 | 249.7 | 242.7 | 242.2 | 240.5 |
| Machinery .......... | 0.851 | 282.5 | 283.1 | 277.1 | 276.6 | 270.3 | 268.2 |
| Iron castings | 0.387 | 222.0 | 223.4 | 211.1 | 199.5 | 211.0 | 213.8 |
| Primary iron and steel ..... | 0.845 | 325.6 | 315.8 | 323.7 | 313.4 | 310.1 | 298.8 |
| Sheet metal products ....... | 0.359 | 295.5 | 290.8 | 289.5 | 295.7 | 291.9 | 288.0 |
| Transportation equipment <br> Aircraft and parts .......... <br> Motor vehicles .............. <br> Motor vehicle parts ......... <br> Railway rolling stock ...... <br> Shipbuilding and repairs .... | 2.651 | 262.2 | 266.9 | 274.8 | 288.2 | 298.1 | 306.4 |
|  | 0.203 | 487.3 | 487.8 | 489.7 | 492.4 | 504.9 | 484.8 |
|  | 1.035 | 347.3 | 360.7 | 378.8 | 397.9 | 411.9 | 435.7 |
|  | 0.462 | 309.3 | 317.2 | 325.0 | 341.4 | 363.4 | 365.8 |
|  | 0.621 | 64.3 | 62.7 | 60.1 | 59.4 | 57.7 | 57.9 |
|  | 0.261 | 154.9 | 139.9 | 140.0 | 166.4 | 165.4 | 165.4 |
| Non-ferrous metal products .... <br> Brass and copper products ... <br> Smelting and refining ...... | 1. 601 | 199.9 | 202.0 | 204.0 | 198.4 | 190.3 | 207.6 |
|  | 0.241 | 171.9 | 170.3 | 167.2 | 163.9 | 165.9 | 169.5 |
|  | 1.028 | 198.9 | 203.6 | 207.1 | 199.0 | 188.7 | 214.7 |
| Electrical apparatus and |  |  |  |  |  |  |  |
| supplies ........ | 1.418 | 380.8 | 381.4 | 349.2 | 331.9 | 382.5 | 365.3 |
| Heavy electrical machinery . ${ }^{\text {Telecomunication equipment }}$ | 0.489 | 275.5 | 272.7 | 250.9 | 240.8 | 272.4 | 279.8 |
|  | 0.142 | 1,048.2 | 1,077.4 | 1,013.7 | 1,069.5 | 1,204.6 | 930.0 |
| Refrigerators and appliances | 0.227 | 349.3 | 347.5 | 321.0 | 289.7 | 343.6 | 347.5 |
| Non-metallic mineral products | 0.794 | 268.5 | 282.6 | 279.8 | 276.2 | 264.2 | 280.3 |
| Concrete products ........... Hydraulic cement | 0.098 | 743.2 | 784.2 | 799.2 | 742.0 | 704.8 | 764.8 |
|  | 0.117 | 262.6 | 265.3 | 271.2 | 293.5 | 276.6 | 303.0 |
| Domestic clay products | 0.083 | 117.7 | 143.8 | 121.8 | 133.3 | 125.2 | 139.2 |
| ELECTRIC POWER AND GAS UTILITIES <br> Electric power | 1.646 | 541.9 | 539.1 | 563.2 | 555.1 | 573.0 | 572.0 |
|  | 1.480 | 495.1 | 496.7 | 503.2 | 501.6 | 512.8 | 510.8 |
| Gas | 0.166 | 959.6 | 917.8 | 1,097.8 | 1,032.7 | 1,110.0 | 1,117.9 |


| Industry or industry group | Annual averages |  | Without seasonal adjustment |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1966 |  |  | 1967 |  |  |
|  | 1965 | 1966 | June | July | Aug. | June | July | Aug. |
| INDEX OF INDUSTRIAL PRODUCTION | 254.9 | 275.1 | 283.1 | 255.5 | 264.1 | 289.1 | 260.9 | 273.9 |
| MINING | 365.6 | 393.6 | 409.1 | 370.2 | 399.3 | 436.4 | 407.1 | 426.0 |
| Metals | 249.5 | 256.0 | 285.6 | 221.0 | 259.3 | 289.5 | 266.3 | 276.7 |
| Gold | 80.6 | 73.9 | 70.3 | 72.0 | 69.4 | 70.4 | 66.1 | 64.7 |
| Copper | 195.6 | 192.9 | 221.0 | 168.9 | 178.5 | 239.0 | 218.6 | 216.9 |
| Iron ore | 1,236.8 | 1,322.7 | 1,615.6 | 979.5 | 1,632.0 | 1,480.8 | 1,572.5 | 1,589.2 |
| Nickel ........................... | 209.9 | 185.6 | 202.8 | 133.6 | 135.2 | 194.9 | 162.8 | 202.1 |
| Non-metals | 377.2 | 405.3 | 394.7 | 368.4 | 426.8 | 485.3 | 366.5 | 442.5 |
| Asbestos | 269.4 | 293.4 | 289.1 | 272.0 | 324.9 | 311.4 | 247.5 | 282.8 |
| Fuels | 592.8 | 665.7 | 640.0 | 649.7 | 654.1 | 723.3 | 708.1 | 720.2 |
| Coal | 56.3 | 54.6 | 51.1 | 34.9 | 39.8 | 51.9 | 36.4 | 45.1 |
| Natural gas | 1,476.4 | 1,598.0 | 1,420.1 | 1,362.8 | 1,362.5 | 1,649.8 | 1,621.0 | 1,559.4 |
| Petroleum. | 1,405.5 | 1,599.4 | 1,552.5 | 1,613.1 | 1,617.2 | 1,759.4 | 1,746.3 | 1,772.2 |
| HNNUFACTURING, TOTAL | 230.1 | 247.2 | 257.7 | 232.4 | 237.5 | 259.0 | 231.5 | 243.2 |
| \#ON-DURABLE MANUFACTURES ...... | 224.1 | 240.4 | 248.6 | 228.0 | 244.6 | 253.0 | 231.6 | 249.8 |
| Foods and beverages ........ | 193.1 | 204.9 | 222.5 | 222.4 | 231.6 | 228.3 | 230.6 | 242.1 |
| Foods | 187.4 | 196.4 | 203.7 | 212.5 | 218.8 | 208.4 | 218.6 | 227.8 |
| Meat products | 192.3 | 193.4 | 187.0 | 176.3 | 178.1 | 203.0 | 196.6 | 202.2 |
| Dairy products | 196.0 | 202.2 | 253.7 | 233.6 | 220.3 | 263.1 | 248.4 | 236.3 |
| Canning and processing | 197.2 | 216.0 | 215.9 | 313.9 | 360.9 | 214.9 | 307.9 | 359.3 |
| Grain mill products .. | 189.3 | 207.3 | 199.9 | 197.0 | 194.0 | 209.6 | 204.2 | 202.8 |
| Bakery products | 151.7 | 155.7 | 162.0 | 166.6 | 165.2 | 161.0 | 163.6 | 162.7 |
| Miscellaneous foods ...... | 201.9 | 212.0 | 212.8 | 202.5 | 208.8 | 210.4 | 206.5 | 218.2 |
| Beverages | 211.0 | 231.7 | 281.6 | 253.8 | 272.1 | 291.3 | 268.5 | 287.1 |
| Carbonated beverages | 186.2 | 221.0 | 272.0 | 301.9 | 287.9 | 317.8 | 322.2 | 332.1 |
| Breweries | 191.1 | 201.8 | 245.9 | 256.8 | 230.2 | 242.9 | 282.0 | 237.9 |
| Distilleries | 284.8 | 312.9 | 386.1 | 196.7 | 356.2 | 379.2 | 180.0 | 353.9 |
| Tobacco and tobacco products | 243.4 | 258.1 | 278.8 | 170.6 | 248.6 | 296.2 | 184.5 | 256.1 |
| Rubber products ............. | 237.4 | 258.5 | 270.8 | 200.2 | 198.6 | 259.5 | 216.9 | 199.9 |
| Leather products | 135.2 | 137.9 | 140.2 | 99.1 | 142.3 | 132.2 | 98.8 | 134.9 |
| Boots and shoes. | 134.3 | 139.9 | 144.2 | 89.0 | 145.6 | 136.7 | 92.7 | 140.8 |
| Textiles ................... | 220.6 | 233.1 | 238.9 | 175.7 | 219.5 | 246.3 | 168.5 | 237.3 |
| Cotton goods ............. | 149.7 | 140.8 | 115.6 | 72.9 | 109.9 | 140.3 | 93.4 | 130.9 |
| Woollen goods ............ | 89.6 | 92.1 | 115.8 | 71.5 | 91.7 | 98.2 | 62.0 | 85.6 |
| Synthetic textiles and silk | 391.3 | 440.5 | 474.0 | 318.2 | 426.3 | 490.6 | 279.6 | 478.8 |
| Ciothing .................. | 171.2 | 179.2 | 175.7 | 175.2 | 180.9 | 169.1 | 168.8 | 173.4 |
| Taper products .. | 198.3 | 216.1 | 222.5 | 209.2 | 223.4 | 217.1 | 208.8 | 221.0 |
| Pulp and paper ........... | 192.8 | 210.2 | 215.2 | 199.5 | 216.5 | 207.9 | 199.3 | 212.5 |

TABLE 2. Index of Industrial Production, without seasonal Adjustment - Concluded
(1949=100)

| Industry or industry group | Annual averages |  | Without seasonal adjustment |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1966 |  |  | 1967 |  |  |
|  | 1965 | 1966 | June | July | Aug. | June | July | Aug. |
| NON-DURABLE MANUFACTURES Concluded: |  |  |  |  |  |  |  |  |
| Printing, publishing and aliied industries $\qquad$ | 223.3 | 239.7 | 241.7 | 221.0 | 230.3 | 258.8 | 226.0 | 236.6 |
| Products of petroleum and coal | 345.9 | 371.6 | 375.7 | 385.5 | 378.6 | 394.4 | 394.9 | 399.3 |
| Petroleum products ........ | 375.5 | 404.5 | 409.0 | 419.7 | 412.8 | 430.2 | 430.8 | 435.4 |
| Chemicals and allied products Acids, alkalies, salts and fertilizers ................ | 344.7 | 377.5 | 391.6 | 341.5 | 366.3 | 407.1 | 356.8 | 373.6 |
|  | 469.0 | 516.3 | 523.2 | 439.1 | 484.2 | 568.8 | 455.9 | 515.4 |
| Miscellaneous manufactures | 407.3 | 448.8 | 444.5 | 450.7 | 464.5 | 461.7 | 456.9 | 467.0 |
| durable manufactures | 237.2 | 255.2 | 268.4 | 237.5 | 229.2 | 266.1 | 231.4 | 235.5 |
| Wood products | 181.7 | 189.2 | 200.4 | 193.3 | 195.8 | 199.4 | 189.7 | 194.2 |
| Saw and planing mills | 182.8 | 187.3 | 204.9 | 193.2 | 194.6 | 203.9 | 189.4 | 194.7 |
| Veneers and plywoods | 403.8 | 428.1 | 421.0 | 370.3 | 423.5 | 475.6 | 369.6 | 424.5 |
| Sawmills | 177.1 | 183.7 | 210.3 | 197.7 | 192.7 | 204.0 | 193.9 | 194.2 |
| Furniture | 216.3 | 235.5 | 230.7 | 234.7 | 243.2 | 231.4 | 232.8 | 237.4 |
| Iron and steel products | 239.1 | 253.1 | 262.0 | 240.9 | 249.0 | 252.3 | 233.8 | 241.6 |
| Machinery | 248.1 | 275.4 | 272.1 | 273.6 | 276.3 | 275.8 | 270.6 | 269.0 |
| Iron castings | 218.9 | 213.0 | 225.9 | 162.4 | 191.5 | 219.4 | 194.1 | 190.3 |
| Primary iron and steel | 320.0 | 324.8 | 342.6 | 302.2 | 307.8 | 332.2 | 290.2 | 300.9 |
| Sheet metal products | 274.2 | 289.1 | 296.9 | 299.9 | 304.5 | 304.6 | 307.4 | 305.0 |
| Transportation equipment | 250.0 | 273.8 | 305.7 | 223.3 | 146.9 | 334.5 | 218.9 | 188.7 |
| Aircraft and parts | 319.3 | 423.6 | 412.2 | 414.7 | 422.6 | 491.9 | 491.8 | 469.3 |
| Motor vehicles | 347.6 | 372.3 | 458.8 | 255.9 | 62.7 | 513.3 | 222.4 | 152.5 |
| Motor vehicle parts | 317.2 | 345.6 | 337.7 | 323.8 | 319.3 | 346.5 | 341.6 | 336.5 |
| Railway rolling stock | 62.6 | 60.5 | 61.5 | 60.4 | 56.9 | 60.0 | 58.6 | 57.8 |
| Shipbuilding and repairs .... | 161.9 | 170.1 | 172.4 | 163.7 | 162.7 | 169.7 | 159.6 | 158.0 |
| Non-ferrous metal products .... | 186.9 | 195.7 | 201.3 | 184.0 | 180.2 | 200.4 | 182.4 | 201.4 |
| Brass and copper products ... | 162.7 | 181.2 | 182.5 | 179.6 | 179.2 | 161.2 | 160.9 | 165.1 |
| Smelting and refining ....... | 188.9 | 191.9 | 201.3 | 175.2 | 168.0 | 202.9 | 178.1 | 206.1 |
| Electrical apparatus and |  |  |  |  |  |  |  |  |
| supplies ... | 319.2 | 368.8 | 356.5 | 323.9 | 371.6 | 327.6 | 329.9 | 358.9 |
| Heavy electrical machinery... | 241.6 | 272.0 | 271.4 | 274.2 | 277.9 | 241.7 | 272.4 | 277.0 |
| Telecommunication equipment | 895.1 | 1,051.6 | 922.4 | 718.8 | 1,090.4 | 974.3 | 799.8 | 939.3 |
| Refrigerators and appliances | 301.9 | 352.5 | 356.1 | 300.0 | 341.4 | 315.8 | 295.2 | 323.2 |
| Non-metallic mineral products | 286.9 | 296.3 | 335.4 | 338.2 | 336.5 | 306.9 | 295.0 | 318.9 |
| Concrete products | 858.0 | 878.6 | 1,073.0 | 1,055.0 | 1,090.4 | 893.4 | 838.0 | 963.6 |
| Hydraulic cement ............ | 298.8 | 320.8 | 390.5 | 423.5 | 380.1 | 369.2 | 357.1 | 366.0 |
| Domestic clay products ...... | 142.8 | 145.3 | 162.9 | 158.5 | 140.0 | 145.9 | 135.5 | 146.7 |
| ELECTRIC POWER AND gas UTILITIES | 448.3 | 504.2 | 455.9 | 412.4 | 438.8 | 499.3 | 461.9 | 484.7 |
| Electric power ................. | 408.8 | 464.2 | 439.2 | 405.7 | 432.8 | 472.5 | 447.7 | 467.4 |
| Gas | 800.6 | 861.1 | 604.8 | 472.0 | 492.6 | 738.4 | 588.3 | 639.5 |

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 utilfties, total domestic product includes the following industry groups: agriculture; forestry; fishing and trapping; construction; transportation, storage and communication; trade; finance, insurance and real estate; public administration and defence; and commnity, 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 (1) 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 the 1967 Annual Supplement to the Index of Industrial Production publication. For a detailed description af concepts and methods used as well as other relevant material, see D.B.S. Occassional Paper 61-505, "Indexes of Real Domestic Product by Industry of Origin, 1935-61".

Quarterly indexes for agriculture and for aggregate domestic production will not be available, except on a once-a-year basis; they will appear in the annual supplement to this report each spring.

COMPARISON OF GOODS, LESS AGRICULTURE WITH THE SERVICE-PRODUCING INDUSTRY GROUP, BY QUARTERS, 1953-67
(SEASONALLY ADJUSTED QUANTITY INDEXES, $1949=100$ )


# Real Domestic Product less Agriculture 

## Second Quarter. 1967

Seasonally adjusted real domestic product less agriculture for the second quarter of 1967 rose by 1.5 per cent, following the decline of 0.3 per cent that occurred in the first quarter of this year. This rise can be compared with the quarter-to-quarter gains of 2.2 per cent, 1.0 per cent, 0.2 per cent, and 1.8 per cent that were realized during 1966 , and the gains of $2.4,1.4,2.0$ and 2.1 per cent that occurred in 1965.

Table A shows the percentage changes in the major industry groupings from the first to the second quarter of 1967, and their effect on the increase in non-agricultural output.

TABIE A.

|  | 4th Qtr.'66-1st Qtr.'67 |  | 1st Qtr.'67-2nd Qtr.'67 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | \% | Effect on | \% | Effect on |
|  |  | G.D.P. less Agriculture |  | G.D.P. less Agriculture |
| Real domestic products less agriculture ..... | -0.3 | - 0.3 | 1.5 | 1.5 |
| Forestry .................................. | 10.3 | 0.2 | - 1.1 | - |
| Fishing and trapping | 2.8 | - | - 9.3 | - |
| Mining ............ | - 0.4 | - | 2.8 | 0.2 |
| Manufacturing | - 1.6 | - 0.6 | 0.4 | 0.1 |
| Non-durable | -0.7 | -0.1 | 0.9 | 0.1 |
| Durable ...................................... | -2.5 | -0.5 | - | - |
| Construction . .................................. | -0.5 | - | - 3.2 | - 0.2 |
| Electric power and gas utilities ............. | 3.5 | 0.2 | 2.5 | 0.1 |
| Other goods, n.e.c. ........... | -0.2 | - | 0.1 | - |
| Transportation, storage and commuication... | 0.5 | 0.1 | 3.2 | 0.3 |
| Transportation .............................. | 1.0 | 0.1 | 3.3 | 0.2 |
|  | - 1.4 | -0.3 | 4.5 | 0.6 |
| Wholesale | - 5.2 | -0.3 | 5.7 | 0.3 |
| Retail ........................................ | 0.9 | 0.1 | 3.7 | 0.3 |
| Finance, insurance and real estate ........... | 1.1 | 0.1 | - | - |
| Public administration and defence ............. | -0.5 | - | 1.4 | 0.1 |
| Community, recreation, business and personal service | 0.6 | 0.1 | 3.5 | 0.3 |

Note: The columns may not add to the total due to rounding.

Table $B$ shows the percentage increases of the major industry groupings and their effect on the changes in total real output less agriculture, as measured from the cyclical low in the first quarter of 1961 to the second quarter of 1967 and each of the preceding three quarters.

The increase in total non-agricultural output in the second quarter of this year was almost entirely the result of an expansion in the service-producing industries, which rose by 2.8 per cent, compared to the 0.3 per cent increase that was recorded for the goods-producing industries. The size of the expansion in the service-producing industries is illustrated in Table D on page ll, which shows that the percentage increase for these industries in the second quarter of 1967 has been exceeded only twice since the first quarter of 1946 . Effects of Expo and centennial celebrations can be seen in certain of the service industries in the second quarter, and were probably factors in the increases registered in other service-producing industries.

Within the service-producing industries, wholesale and retail trade showed the largest advance, with an increase of 4.5 per cent. This increase amounted to a contribution of 43 per cent toward the second-quarter increase in total non-agricultural output. Retail trade rose by 3.7 per cent, to account for 23 per cent of the increase in total mon-agricultural output. With the exception of very small declines in output that were experienced by a few components, all retail trade components conttibuted to the second-quarter increase. Sales of motor vehicle dealers, which rose by 9.3 per ceat (in ine with a 10.8 per cent expansion in motor vehicle production), made the largest contribution, followed by government liquor stores. Other significant contributions were made by the furniture and appliances, variety stores, and clothing components.

Wholesale trade rose by 5.7 per cent, to account for 20 per cent of the increase fultal nonagricultural output. Although some of the components in this group declined, most showed large increases over their first-quarter levels. Included in the components that expanded were groceries and food specialties, industrial and transportation equipment and supplies, and construction materials and supplies.

The comunity, recreation, business and personal service grouping expanded by 3.5 per cent, to record the second-largest contribution to the second-quarter increase. Within this grouping the personal service group rose by 7.2 per cent, and contributed 15 per cent to the second-quarter increase. Expo affected both the personal service group and the business component, which recorded an increase of 4.2 per cent.

The transportation, storage and comunication grouping accounted for 21 per cent of the increase in total non-agricultural output. Although gains were registered for storage in grain elevators and for telephone comunication, an increase of 3.2 per cent in this grouping was concentrated in the transportation components. Within transportation there were two major factors. Statistics for the carriage of passengers indicate that travel to and from Expo was one of these factors; and an 8.5 per cent increase in transportation by pipeline was the other one - this increase seems to have been partially caused by greater oil shipments to the U.S. brought about by the Middle East crisis. With the exception of the strike-affected third quarter of 1966 , the output of the transportation industries has been risiag since mid-1963.

Of the remalning service-producing industries, public administration and defence rose by 1.4 per cent in the second quarter of 1967, while the finance, insurance and real estate grouplng was at almost exactly the same level as it was during the first quarter of this year.

TABLE B.

|  | IQ' $61=$ IIIQ' 66 |  | IQ'61-IVQ' 66 |  | IQ'61-IQ'67 |  | 1Q '61 | - IIQ' 67 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \% \\ & 3 \\ & \end{aligned}$ | ```Effect on GDP less Agri- culture``` | $\begin{aligned} & \% \\ & \\ & \hline \end{aligned}$ | ```Effect on GDP less Agri- culture``` | $\begin{aligned} & \% \\ & \Lambda \end{aligned}$ | ```Effect on GDP less Agri- culture``` | $\begin{aligned} & \% \\ & \Delta \end{aligned}$ | Effect on GDP less Agriculture |
| Real domestic product less agriculture .... | 39.8 | 39.8 | 42.4 | 42.4 | 42.1 | 42.1 | 44.2 | 44.2 |
| Forestry ............ | 30.7 | . 6 | 33.7 | . 6 | 47.5 | . 9 | 45.8 | . 8 |
| Fishing and trapping .. | - 0.4 | - | $-7.5$ | - | - 4.9 | - | - 13.7 | -. 1 |
| Mining ................. | 43.5 | 2.5 | 51.1 | 3.0 | 50.4 | 2.9 | 54.6 | 3.2 |
| Manufacturing ......... | 54.3 | 16.0 | 56.7 | 16.7 | 54.2 | 16.0 | 54.8 | 16.1 |
| Non-durable . . . . . .... | 43.0 | 7.1 | 45.2 | 7.5 | 44.2 | 7.4 | 45.5 | $7.6$ |
| Durable | 69.2 | 8.8 | 71.5 | 9.2 | 67.2 | $8.6$ | $67.1$ | $8.6$ |
| Construction........ | 37.2 | 2.5 | 39.6 | 2.7 | 38.9 | 2.7 | 34.5 | 2.3 |
| Electric power and gas utilities ........... | 67.5 | 2.3 | 71.1 | 2.4 | 77.2 | 2.6 | 81.5 | $2.7$ |
| Other goods, n.e.c.... | 20.0 | . 2 | 19.7 | . 2 | 19.5 | . 2 | 19.5 | . 2 |
| Transportation, storage and commuication ... | 42.8 | 4.0 | 48.8 | 4.6 | 49.5 | 4.7 | 54.3 | 5.1 |
| Transportation ..... | 45.4 | 3.1 | 51.7 | 3.6 | 53.3 | 3.6 | 58.3 | 4.0 |
| Trade ......... | 33.6 | 5.1 | 35.3 | 5.3 | 33.4 | 5.1 | 39.3 | 6.0 |
| Wholesale | 46.0 | 2.4 | 48.7 | 2.5 | 41.0 | 2.1 | 49.0 | 2.6 |
| Retail ............ | 27.2 | 2.7 | 28.3 | 2.8 | 29.4 | 2.9 | 34.1 | 3.4 |
| Finance, insurance and real estate ......... | 29.9 | 3.2 | 31.8 | 3.4 | 33.3 | 3.5 | 33.3 | 3.5 |
| Public administration and defence ......... | 8.3 | . 5 | 9.2 | . 5 | 8.7 | . 5 | 10.2 | . 6 |
| Comunity, recreation, business and personal service | 29.1 | 3.0 | 29.8 | 3.1 | 30.5 | 3.1 | 35.1 | 3.6 |

[^0]Within the goods-producing industries, mining, with an increase of 2.8 per cent, contributed 12 per cent to the second-quarter increase in total non-agricultural output. Crude petroleum mining, with an expansion of 7.0 per cent, provided the major impetus to this grouping, and made a contribution of 12 per cent to the second-quarter increase. The advance in this type of mining more than offset the large drop of 14.7 per cent in the iron ore component. Movements within the other components of the metal, fuel, and non-metal mining groups were mixed.

Manufacturing advanced by only 0.4 per cent, and, in contrast to most quarters, made but a relatively minor contribution to the change in total non-agricultural output in the second quarter. All of this contribution, of 9 per cent, came from the manufacturing of non-durables, which rose by 0.9 per cent. The textile products group had the largest contribution, of 7 per cent, most of which came from the 10.2 per cent increase in synthetic textiles and silk, supplemented by the additional output of cotton goods. Although recovering from a drop of 11.6 per cent in the first quarter, the synthetic textiles and silk industry had not quite regained the level of output it had achieved since its period of almost uninterrupted expansion began, in 1961. The foods and beverages group had the second largest contribution, of 5 per cent, chiefly from the beverage products components (notably distilleries, whose output rose considerably). With the exception of the paper products group, movements in the remaining non-durables groups were mixed, but had relatively iittle effect on the secondquarter increase. Paper products fell by 2.3 per cent, because of some cut-backs in pulp and paper production.

Although durables manufacturing was unchanged from its first-quarter level, there were falrly large offsetting movements within this area. The largest contribution to the second-quarter increase was 12 per cent, which came from the manufacture of motor vehicles, which rose by 10.8 per cent. When included with the other motor-vehicle-related series (manufacture of motor vehicle parts and accessories, and retail sales of motor vehicle dealers), the effect of the recovery in motor vehicle manufacturing from the decline in the previous quarter was to contribute about one-fifth of the increase in total non-agricultural production. The electrical apparatus and supplies group slipped by 6.7 per cent, which was the largest negative effect in durables manufacturing. Each of the five components of this group fell from their second-quarter levels; the greatest declines were in those components that were affected by strikes. Even though the iron and steel products group decreased by 1.4 per cent this quarter, the production of primary iron and steel rose by 2.1 per cent. The wood products, non-metallic mineral products, and non-ferrous metal products groups all made small contributions to the secontquarter increase.

Electric power and gas utilities rose by 2.5 per cent. The contribution of this grouping, which was 7 per cent, was divided almost evenly between the two components, although gas utilities expanded by 7.2 per cent while electric power increased by only 1.6 per cent.

Construction, which was affected by strikes in Ontario and Quebec, was the only industry to show a significant drop in terms of weighted index points in the second quarter. This drop was greater than the contribution to the second-quarter increase which was made by the manufacturing industry and only slightly less than the contribution of the transportation groups. The decrease of 3.2 per cent in the construction industry was the result of a fractional decline in private construction and a 9.3 per cent fall in pubilc construction. Within the private construction component an 18.7 per cent increase in housing, which represented a recovery to the levels of the first half of 1966 , was more than offset by a decrease in non-residential construction. The large increase in private residential construction was sparked by the doubling of the number of housing units, of both the single-and multipledwelling type, that were started in the second quarter. This very large increase in housing starts was affected by the direct loans to home builders that were provided by Central Mortgage and Housing Corporation in April and May. Within the public construction component, a big upward movement in residential and non-residential construction was completely outweighted by an even bigger downward movement in highway construction.

Although fishing and trapping declined by 9.3 per cent due to a decline in sea fishing, and forestry decreased by 1,1 per cent from a very high first-quarter leve 1 , these two industries had only a very minor dampening effect on the second-quarter rise in total non-agricultural output.

## First Half of 1967

Table C shows that non-agricultural real output in the first six months of this year rose by 3.0 per cent over the first six months of 1966 , on a seasonally unadjusted basis. The contrast between this increase and the post-war average rate of growth of 4.8 per cent was the result of a decline of 0.3 per cent (on a seasonally-adjusted basis) in total non-agricultural output in the first. quarter. In that quarter the monthly Index of Industrial Production fell by 0.9 per cent, on a seaspa-ally-adjusted basis. Manufacturing and construction have been the major dampening influences on industrial growth this year.

An assumption of a one per cent increase, on a seasonally adjusted basis, in each of the last two quarters of 1967 would result in a 3.4 per cent increase for 1967 as a whole, while a 2 per cent increase would result in a 4.2 per cent increase for the year. If production declines by one per cent in each of the remalning quarters, the increase for the year would be only 1.8 per cent.

TABLE C.
Percentage Changes in Major Industry Groupings
for the Elrst Six Months of 1967 Compared With the First Six Months of 1966 (Not seasonally adjusted)

Per cent

Per cent

change
change

| Real domestic product, less agriculture | 3.0 | Transportation, storage and communcation | 7. 3 |
| :---: | :---: | :---: | :---: |
| Forestry | 9.9 | Transportation | 7.4 |
| Eishing and trapping | 0.6 | Trade | 3.3 |
| Mining | 5.3 | Wholesale | 0.6 |
| Manufacturing | 1.1 | Retail | 4.9 |
| Non-durable | 1.9 | Finance, insurance and real estate | 4.9 |
| Durable | 0.2 | Public administration and defence ............... | 3.4 |
| Construction | -8.9 | Commnity, recreation, business and personal service | 5.0 |
| Electric power and gas utilities | 10.8 |  |  |

TABLE D.

> Quarter-to-Quarter Changes in the Service-Producing Industries, $$
1946-2 \text { nd Quarter of } 1967
$$

(Seasonally adjusted indexes, 1949=100)


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

|  | Real domestic product, less agriculture | Forestry | Pishing and trapping | Mining |  |  |  | Manufacturing |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Total | Metals | Non- | 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 |  |  |  |  |  |  |  |  |
| 1964-1 | 202.8 | 161.4 | 131.1 | 344.3 | 249.7 | 294.8 | 544.8 | 207.7 | 206.6 |
|  | 203.1 | 153.3 | 115.9 | 350.1 | 252.6 | 309.6 | 558.8 | 210.7 | 210.2 |
|  | 205.4 | 166.4 | 119.7 | 341.4 | 239.1 | 320.4 | 553.1 | 214.0 | 211.2 |
|  | 208.5 | 156.3 | 136.9 | 347.8 | 236.4 | 324.9 | 575.5 | 216.2 | 216.7 |
| 1965-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 213.4 | 168.6 | 124.4 | 359.4 | 253.9 | 353.2 | 570.2 | 223.0 | 218.7 |
|  | 216.4 | 174.0 | 117.1 | 355.7 | 240.2 | 366.3 | 582.6 | 226.5 | 220.3 |
|  | 220.7 | 155.0 | 116.8 | 372.8 | 248.5 | 384.6 | 618.2 | 232.6 | 226.2 |
|  | 225.4 | 157.3 | 123.6 | 375.0 | 256.0 | 401.5 | 601.7 | 239.1 | 231.4 |
| 1966-1 | 230.4 | 167.0 | 122.8 | 386.8 | 262.0 | 415.7 | 622.9 | 244.6 | 237.7 |
|  | 232.6 | 180.0 | 130.3 | 398.0 | 261.4 | 401.7 | 670.0 | 246.1 | 240.0 |
|  | 233.1 | 168.5 | 141.3 | 386.6 | 242.2 | 406.8 | 670.3 | 247.1 | 239.9 |
|  | 237.4 | 172.3 | 131.3 | 407.0 | 263.5 | 397.2 | 702.7 | 250.8 | 243.7 |
| 1967 - | $236.8$ | $190.1$ | $135.0$ | $405.2$ | $275.3$ | $412.3$ | 673.8 | 246.9 | 242.0 |
|  | Without seasonal adjustment |  |  |  |  |  |  |  |  |
| 1964 | 204.8 | 159.3 | 123.6 | 346.4 | 245.7 | 312.8 | 557.7 | 211.9 | 211.2 |
| 1965 | 219.0 | 160.4 | 120.4 | 365.6 | 249.5 | 377.2 | 592.8 | 230.1 | 224.1 |
| 1966 | 233.6 | 171.8 | 133.6 | 393.6 | 256.0 | 405.3 | 665.7 | 247.2 | 240.4 |
|  |  |  |  |  |  |  |  |  |  |
| 1964-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 191.1 | 138.5 | 78.6 | 337.9 | 232.9 | 272.1 | 591.8 | 203.3 | 200.4 |
|  | 206.1 | 135.9 | 118.3 | 350.7 | 264.1 | 317.4 | 530.1 | 215.8 | 212.1 |
|  | 208.7 | 195.7 | 168.2 | 348.8 | 253.6 | 319.0 | 530.6 | 209.8 | 213.1 |
|  | 213.4 | 166.9 | 129.2 | 348.2 | 232.2 | 342.8 | 578.1 | 218.7 | 219.3 |
| 1965-1 $\begin{array}{r}1 \\ 3 \\ 4\end{array}$ |  | 144.3 | 74.7 | 351.5 | 233.8 | 326.3 | 619.9 | 218.6 | 212.1 |
|  | 219.2 | 151.5 | 118.1 | 356.2 | 252.4 | 376.7 | 551.6 | 231.8 | 222.1 |
|  | 223.2 | 184.9 | 163.7 | 379.1 | 261.2 | 381.9 | 594.7 | 227.3 | 227.3 |
|  | 231.1 | 161.0 | 125.2 | 375.6 | 250.9 | 423.7 | 605.0 | 242.7 | 234.8 |
| 1966-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 219.3 | 147.7 | 74.5 | 374.8 | 239.9 | 390.0 | 664.0 | 241.2 | 231.5 |
|  | 235.6 | 164.8 | 124.8 | 399.2 | 274.0 | 409.4 | 641.6 | 251.6 | 241.9 |
|  | 236.0 | 198.6 | 198.6 | 392.9 | 251.2 | 405.6 | 653.7 | 241.4 | 241.1 |
|  | 243.5 | 176.3 | 136.6 | 407.5 | 259.1 | 416.0 | 703.6 | 254.7 | 247.1 |
| 1967-1 $\begin{array}{r}1 \\ 2 \\ 3\end{array}$ | 225.2 | 168.1 | 86.3 | 395.0 | 252.7 | 388.2 | 716.7 | 243.2 | 235.4 |
|  | 243.4 | 175.1 | 214.3 | 419.9 | 279.4 | $46+5$ | 649.3 | 254.3 | 247.1 |

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

|  | Manufacturing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Non-durable manufacturing |  |  |  |  |  |  |  |
|  | Foods and beverages | Tobacco and tobacco products | Rubber products | Leather products | Textiles | Clothing | Paper products | Printing, publishing and allied industries |
| 1949 Weights | 3.814 | 0.248 | 0.430 | 0.508 | 1.623 | 1.801 | 2.649 | 1.273 |
|  | Seasonally adjusted |  |  |  |  |  |  |  |
| 1964-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | 182.3 | 214.0 | 225.7 | 135.3 | 197.5 | 159.9 | 182.2 | 202.6 |
|  | 184.2 | 230.2 | 234.6 | 138.3 | 204.3 | 163.0 | 184.1 | 214.1 |
|  | 184.7 | 240.2 | 229.0 | 138.7 | 205.0 | 164.3 | 187.4 | 201.7 |
|  | 190.9 | 241.1 | 235.3 | 137.1 | 206.4 | 166.8 | 192.0 | 209.8 |
| $1965-1$234 | 192.4 | 241.3 | 230.2 | 135.5 | 211.1 | 167.0 | 194.5 | 216.8 |
|  | 189.6 | 240.8 | 227.4 | 132.9 | 213.5 | 168.9 | 196.1 | 219.2 |
|  | 195.2 | 238.9 | 234.9 | 134.9 | 228.3 | 172.1 | 199.9 | 223.4 |
|  | 197.6 | 248.1 | 253.3 | 137.5 | 229.3 | 177.2 | 202.7 | 233.9 |
| 1966-1 $\begin{array}{r}1 \\ 2 \\ 3\end{array}$ | 201.3 | 264.9 | 264.1 | 137.5 | 233.6 | 177.3 | 213.6 | 237.5 |
|  | 204.8 | 250.8 | 254.0 | 139.6 | 227.4 | 180.2 | 217.0 | 240.5 |
|  | 205.3 | 249.4 | 257.8 | 137.6 | 228.4 | 177.8 | 216.4 | 241.3 |
|  | 207.6 | 266.2 | 259.1 | 136.9 | 241.5 | 181.8 | 217.3 | 239.3 |
| 196-1 | 209.0 | 268.0 | 238.4 | 129.6 | 223.1 | 173.7 | 219.8 | 246.9 |
|  | 213.5 | 258.8 | 242.6 | 128.6 | 236.4 | 171.9 | 214.8 | 250.4 |
|  | Without seasonal adjustment |  |  |  |  |  |  |  |
| $\begin{aligned} & 1964 \\ & 1965 \\ & 1966 \\ & 1967 \end{aligned}$ | $\begin{aligned} & 185.6 \\ & 193.1 \\ & 204.9 \end{aligned}$ | $\begin{aligned} & 232.1 \\ & 243.4 \\ & 258.1 \end{aligned}$ | $\begin{aligned} & 232.8 \\ & 237.4 \\ & 258.5 \end{aligned}$ | $\begin{aligned} & 137.3 \\ & 135.2 \\ & 137.9 \end{aligned}$ | $\begin{aligned} & 203.3 \\ & 220.6 \\ & 233.1 \end{aligned}$ | $\begin{aligned} & 163.4 \\ & 171.2 \\ & 179.2 \end{aligned}$ | $\begin{aligned} & 186.3 \\ & 198.3 \\ & 216.1 \end{aligned}$ | $\begin{aligned} & 207.4 \\ & 223.3 \\ & 239.7 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $\left.\begin{array}{rl} 1964-1 & \ldots \\ 2 & \ldots \\ 3 & \ldots \end{array}\right)$ | $\begin{aligned} & 158.5 \\ & 183.3 \\ & 205.0 \\ & 195.6 \end{aligned}$ | $\begin{aligned} & 212.1 \\ & 245.7 \\ & 228.9 \\ & 241.7 \end{aligned}$ | $\begin{aligned} & 235.0 \\ & 250.9 \\ & 203.1 \\ & 242.2 \end{aligned}$ | $\begin{aligned} & 144.7 \\ & 139.1 \\ & 128.8 \\ & 136.6 \end{aligned}$ | $\begin{aligned} & 201.8 \\ & 210.1 \\ & 189.6 \\ & 211.5 \end{aligned}$ | $\begin{aligned} & 164.7 \\ & 160.2 \\ & 167.7 \\ & 161.0 \end{aligned}$ | $\begin{aligned} & 176.8 \\ & 185.2 \\ & 188.2 \\ & 194.9 \end{aligned}$ | $\begin{aligned} & 198.8 \\ & 221.4 \\ & 194.4 \\ & 215.2 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 1965-1 $\begin{array}{r}1 \\ 3 \\ 4\end{array}$ | $\begin{aligned} & 166.5 \\ & 188.1 \\ & 214.8 \\ & 203.0 \end{aligned}$ | $\begin{aligned} & 239.3 \\ & 257.3 \\ & 228.2 \\ & 248.9 \end{aligned}$ | $\begin{aligned} & 238.9 \\ & 243.0 \\ & 206.3 \\ & 261.4 \end{aligned}$ | $\begin{aligned} & 144.5 \\ & 133.4 \\ & 126.0 \\ & 137.0 \end{aligned}$ | $\begin{aligned} & 216.1 \\ & 220.1 \\ & 211.4 \\ & 234.9 \end{aligned}$ | $\begin{aligned} & 171.9 \\ & 165.9 \\ & 175.2 \\ & 171.9 \end{aligned}$ | $\begin{aligned} & 189.7 \\ & 196.8 \\ & 200.6 \\ & 206.2 \end{aligned}$ | $\begin{aligned} & 212.3 \\ & 227.6 \\ & 213.7 \\ & 239.7 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $1966-\begin{aligned} & 1 \\ & 2 \\ & 3 \\ & 4\end{aligned}$ | $\begin{aligned} & 175.8 \\ & 202.4 \\ & 228.2 \\ & 213.0 \end{aligned}$ | $\begin{aligned} & 267.8 \\ & 266.9 \\ & 233.9 \\ & 263.9 \end{aligned}$ | $\begin{aligned} & 276.4 \\ & 267.5 \\ & 220.2 \\ & 269.9 \end{aligned}$ | $\begin{aligned} & 146.3 \\ & 140.0 \\ & 128.8 \\ & 136.4 \end{aligned}$ | $\begin{aligned} & 238.9 \\ & 231.8 \\ & 213.3 \\ & 248.3 \end{aligned}$ | $\begin{aligned} & 180.8 \\ & 177.9 \\ & 180.4 \\ & 177.8 \end{aligned}$ | $\begin{aligned} & 210.3 \\ & 219.0 \\ & 216.5 \\ & 218.7 \end{aligned}$ | $\begin{aligned} & 233.4 \\ & 249.6 \\ & 229.8 \\ & 246.0 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $\begin{array}{rl}1967-1 & 1 \\ \frac{1}{2} & \ldots \\ 3 & \ldots \\ 4 & \ldots\end{array}$ | $\begin{aligned} & 181.6 \\ & 211.7 \end{aligned}$ | $\begin{aligned} & 271.5 \\ & 278.8 \end{aligned}$ | $\begin{aligned} & 250.6 \\ & 257.2 \end{aligned}$ | $\begin{aligned} & 138.0 \\ & 130.8 \end{aligned}$ | $\begin{aligned} & 228.5 \\ & 242.1 \end{aligned}$ | $\begin{aligned} & 176.1 \\ & 169.8 \end{aligned}$ | $\begin{aligned} & 216.8 \\ & 218.7 \end{aligned}$ | $\begin{aligned} & 242.8 \\ & 259.6 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

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

|  | Manufacturing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Non-durable manufacturing |  |  | Durable manufacturing |  |  |  |  |
|  | Products of petroleum and coal | Chemicals and allied products | Miscellaneous manufacturing | Total | Wood products | Iron and steel products | Transportation equipment | Nonferrous metal products |
| 1949 Weights .... | $0.513 \quad 1.359$ |  | 0.524 | 12.598 | 2.108 | 4.026 | 2.651 | 1.601 |
|  | Seasonally adjusted |  |  |  |  |  |  |  |
| 1964-1 $\begin{array}{r}1 \\ 2 \\ 3\end{array}$ | $\begin{aligned} & 327.3 \\ & 329.8 \\ & 327.7 \\ & 335.3 \end{aligned}$ | $\begin{aligned} & 306.7 \\ & 303.6 \\ & 313.4 \\ & 328.7 \end{aligned}$ | $\begin{aligned} & 376.5 \\ & 383.8 \\ & 391.0 \\ & 393.9 \end{aligned}$ | $\begin{aligned} & 209.0 \\ & 211.2 \\ & 217.4 \\ & 215.6 \end{aligned}$ | $\begin{aligned} & 175.8 \\ & 171.4 \\ & 174.4 \\ & 175.9 \end{aligned}$ | $\begin{aligned} & 206.7 \\ & 212.2 \\ & 216.0 \\ & 226.5 \end{aligned}$ | $\begin{aligned} & 218.1 \\ & 215.0 \\ & 229.5 \\ & 191.2 \end{aligned}$ | $\begin{aligned} & 168.4 \\ & 173.9 \\ & 174.0 \\ & 180.3 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
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| $\begin{aligned} 1965-1 & \ldots \ldots \\ 2 & \ldots \end{aligned} \begin{array}{r}  \\ 3 \end{array} \ldots \ldots \ldots . .$ | $\begin{aligned} & 342.1 \\ & 344.8 \\ & 350.6 \\ & 345.7 \end{aligned}$ | $\begin{aligned} & 326.5 \\ & 339.9 \\ & 346.9 \\ & 364.7 \end{aligned}$ | $\begin{aligned} & 397.0 \\ & 403.7 \\ & 411.7 \\ & 415.9 \end{aligned}$ | $\begin{aligned} & 228.0 \\ & 233.7 \\ & 240.1 \\ & 248.1 \end{aligned}$ | $\begin{aligned} & 177.0 \\ & 180.1 \\ & 180.0 \\ & 190.6 \end{aligned}$ | $\begin{aligned} & 229.6 \\ & 236.0 \\ & 243.5 \\ & 247.6 \end{aligned}$ | $\begin{aligned} & 234.3 \\ & 243.3 \\ & 256.2 \\ & 269.8 \end{aligned}$ | $\begin{aligned} & 182.4 \\ & 183.8 \\ & 188.1 \\ & 192.8 \end{aligned}$ |
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| 1966-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | $\begin{aligned} & 357.2 \\ & 372.7 \\ & 371.1 \\ & 384.3 \end{aligned}$ | $\begin{aligned} & 376.3 \\ & 379.4 \\ & 376.0 \\ & 378.1 \end{aligned}$ | $\begin{aligned} & 430.7 \\ & 444.4 \\ & 455.2 \\ & 463.3 \end{aligned}$ | $\begin{aligned} & 252.8 \\ & 253.2 \\ & 255.6 \\ & 259.1 \end{aligned}$ | $\begin{aligned} & 188.8 \\ & 191.8 \\ & 188.8 \\ & 187.1 \end{aligned}$ | $\begin{aligned} & 256.0 \\ & 252.5 \\ & 251.7 \\ & 252.4 \end{aligned}$ | $\begin{aligned} & 272.0 \\ & 265.8 \\ & 275.5 \\ & 281.6 \end{aligned}$ | $\begin{aligned} & 195.4 \\ & 197.6 \\ & 191.5 \\ & 197.6 \end{aligned}$ |
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|  |  |  |  |  |  |  |  |  |
| 1967-1 $\begin{array}{r}1 \\ 2 \\ 3\end{array}$ | $\begin{aligned} & 375.7 \\ & 379.5 \end{aligned}$ | $\begin{aligned} & 389.6 \\ & 391.5 \end{aligned}$ | $\begin{aligned} & 463.1 \\ & 462.9 \end{aligned}$ | $\begin{aligned} & 252.6 \\ & 252.5 \end{aligned}$ | $\begin{aligned} & 188.4 \\ & 190.9 \end{aligned}$ | $\begin{aligned} & 251.4 \\ & 247.9 \end{aligned}$ | $\begin{aligned} & 261.3 \\ & 276.7 \end{aligned}$ | $\begin{aligned} & 201.3 \\ & 201.4 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  | Without seasonal adjustment |  |  |  |  |  |  |  |
| 1964........ | 330.1345.9371.6 | $\begin{aligned} & 312.7 \\ & 344.7 \\ & 377.5 \end{aligned}$ | $\begin{aligned} & 386.5 \\ & 407.3 \\ & 448.8 \end{aligned}$ | $\begin{aligned} & 212.7 \\ & 237.2 \\ & 255.2 \end{aligned}$ | $\begin{aligned} & 174.3 \\ & 181.7 \\ & 189.2 \end{aligned}$ | $\begin{aligned} & 215.2 \\ & 239.1 \\ & 253.1 \end{aligned}$ | $\begin{aligned} & 210.5 \\ & 250.0 \\ & 273.8 \end{aligned}$ | $\begin{aligned} & 174.2 \\ & 186.9 \\ & 195.7 \end{aligned}$ |
| $\begin{aligned} & 1965 \\ & 1966 \end{aligned}$ |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 1964-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | $\begin{aligned} & 333.3 \\ & 314.0 \\ & 333.9 \\ & 339.1 \end{aligned}$ | $\begin{aligned} & 305.9 \\ & 314.9 \\ & 304.5 \\ & 325.4 \end{aligned}$ | $\begin{aligned} & 363.3 \\ & 375.2 \\ & 398.8 \\ & 408.7 \end{aligned}$ | $\begin{aligned} & 206.7 \\ & 220.1 \\ & 206.0 \\ & 217.9 \end{aligned}$ | $\begin{aligned} & 177.1 \\ & 171.3 \\ & 182.5 \\ & 166.4 \end{aligned}$ | $\begin{aligned} & 199.9 \\ & 219.6 \\ & 216.1 \\ & 225.1 \end{aligned}$ | $\begin{aligned} & 233.6 \\ & 248.1 \\ & 161.9 \\ & 198.2 \end{aligned}$ | $\begin{aligned} & 168.3 \\ & 175.5 \\ & 170.2 \\ & 182.7 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 1965-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | $\begin{aligned} & 349.4 \\ & 327.5 \\ & 356.3 \\ & 350.2 \end{aligned}$ | $\begin{aligned} & 326.1 \\ & 352.2 \\ & 336.0 \\ & 364.5 \end{aligned}$ | $\begin{aligned} & 382.6 \\ & 394.6 \\ & 420.7 \\ & 431.3 \end{aligned}$ | $\begin{aligned} & 226.2 \\ & 243.2 \\ & 227.4 \\ & 251.9 \end{aligned}$ | $\begin{aligned} & 178.5 \\ & 179.9 \\ & 187.9 \\ & 180.6 \end{aligned}$ | $\begin{aligned} & 222.3 \\ & 244.0 \\ & 243.3 \\ & 246.6 \end{aligned}$ | $\begin{aligned} & 254.7 \\ & 278.7 \\ & 184.3 \\ & 282.3 \end{aligned}$ | $\begin{aligned} & 182.5 \\ & 185.7 \\ & 183.5 \\ & 195.8 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| 1966-1 $\begin{array}{r}1 \\ 2 \\ 3 \\ 4\end{array}$ | $\begin{aligned} & 362.4 \\ & 357.9 \\ & 378.3 \\ & 387.8 \end{aligned}$ | $\begin{aligned} & 376.8 \\ & 394.2 \\ & 360.4 \\ & 378.6 \end{aligned}$ | $\begin{aligned} & 415.2 \\ & 436.4 \\ & 466.1 \\ & 477.4 \end{aligned}$ | $\begin{aligned} & 252.5 \\ & 262.9 \\ & 241.7 \\ & 263.7 \end{aligned}$ | $\begin{aligned} & 190.5 \\ & 192.0 \\ & 194.9 \\ & 179.3 \end{aligned}$ | $\begin{aligned} & 249.4 \\ & 260.5 \\ & 252.0 \\ & 250.4 \end{aligned}$ | $\begin{aligned} & 300.1 \\ & 300.9 \\ & 201.4 \\ & 292.8 \end{aligned}$ | $\begin{aligned} & 194.9 \\ & 200.2 \\ & 186.2 \\ & 201.4 \end{aligned}$ |
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| $\begin{array}{r} 1967-1 \\ 2 \end{array}$ | $\begin{aligned} & 385.0 \\ & 364.1 \end{aligned}$ | $\begin{aligned} & 389.6 \\ & 409.0 \end{aligned}$ | $\begin{aligned} & 446.3 \\ & 454.7 \end{aligned}$ | $\begin{aligned} & 252.3 \\ & 263.8 \end{aligned}$ | $\begin{aligned} & 190.1 \\ & 192.2 \end{aligned}$ | $\begin{aligned} & 246.2 \\ & 255.6 \end{aligned}$ | $\begin{aligned} & 285.9 \\ & 319.5 \end{aligned}$ | $\begin{aligned} & 199.6 \\ & 204.3 \end{aligned}$ |
|  |  |  |  |  |  |  |  |  |

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


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

(2) Includes tratsportation, storage and communication; trade; Finance, insurance and real estate; public administration and defence; communty, recreation, business and personal service.
(3) Includes public administration and defence; hospitals; education; welfare, religion and other comunity service, n.e.c. and domestic service.


[^0]:    Note: The colums may not add to the total due to rounding.

