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The seasonally adjusted index of industrial production declined by 1.9 per cent in March Real Domestic Product in the fourth quarter 1969 advanced by 1.5 from its third quarter 1969 leve1.


This issue includes indexes of Real Domestic Product for the fourth quarter of 1969.

National Output and Productivity Division
May 1970
2505-502

## THE SYSTEM OF NATIONAL ACCOLNTS

In Canada, the National Accounts have been developed since the close of the Second World War in a series of publications relating to their constituent parts. These have now reached a stage of evolution where they can be termed a "System of National Accounts". For purposes of identification, all publications (containing tables of statistics, descriptions of conceptual frameworks, and descriptions of sources and methods) which make up this System will now carry the term "System of National Accounts" as a general title.

The System of National Accounts in Canada consists of several parts. The annual and quarterly Income and Expenditure Accounts (included with Catalogue Nos. carrying the prefix 13) were, historically speaking, the first set of statistics to be referred to with the title "National Accounts" (National Accounts, Income and Expenditure). The Balance of International Payments data, (Catalogue Nos, with prefix 67), in their more summary form, are also part of the System of National Accounts and they, in fact, pre-date the Income and Expenditure Accounts.

Greatly expanded structural detail on industries and on goods and services is portrayed in the InputOutput Tables of the System (Catalogue Nos. with prefix 15). The Indexes of Real Domestic Product by Industry (included with Catalogue Nos. carrying the prefix 61) provide "constant dollar" measures of the contribution of each industry to gross domestic product at factor cost. Inputs and outputs are related in Productivity Studies (Catalogue Nos. with prefix 14).

Both the Input-Output Tables and Indexes of Real Domestic Product by Industry use the establishment as the primary unit of industrial production. Measures of financlal transactions are provided by
the Financial Flow Accounts (Catalogue Nos. with prefix 13). Types of lenders and financial instruments are the primary detail in these statistics, and the legal pentity is the main unit of classification of transactors: Also, provision is made in the System for incorporation of balance sheet (wealth) estimates when such data are sufficiently developed.

The System of National Accounts provides an overall conceptually integrated framework in which the various parts can be considered as interrelated sub-systems. At present, direct comparisons amongst those parts which use the establishment as the basic unit and those which use the legal entity can be carried out only at highly aggregated levels of data. However, the Dominion Bureau of Statistics is continuing research on enterprise-companyestablishment relationships; it may eventually be feasible to reclassify the data which are on one basis (say the establishment basis) to correspond to the units employed on another the compary or the enterprise basis).

In its broad outhine, the Camadian System of National Accounts bears a close relationship to the international standard as described in the Unite:i Nations publication, "A System of National Accounts" (Studies in Methods, Series F., No. 2, Rev. 3, Statistical Office, Department of Economic and Social Affairs, United Nations, New York, 1968). In the future, a document on the conceptual framework of the Canadian System of National Accounts will be prepared for publication by the Dominion Bureau of statistics. This document will furnish the broad theoretical outline of the system. The finer conceptual details, the statistical tables, and the descriptions of sources and methods as they pertain to the individual parts of the system, will appear in the various regular and occasional publications relating to those parts.

## March Index of Industrial Production

The seasonally adjusted Index of Industrial Production slipped to 171.1 in March , a decline of 1.9 percent from tho revised February level of 174.4. This returned the Index to its January level. Both mining and manufacturing contributed to the decline while utilities registered their fifth consecutive increase.

About half of the decline was due to a decrease in durable manufacturing in which all major groups shared. Major factors were decreased output from the iron and steel mills, decreased output of motor vehicles, and slowdown in the production of radios and television sets and in other comminication equipment.

In non-durables all major groups except textiles and printing and publishing shared in the decline. The major factors in the drop were tobacco products, which fell to its lowest level since 1964 , rubber products, where the industry indicated several plants would shut down for part of the month due to excessive inventories, petroleum and coal products, and industrial chemicals.

In mining, both metals and fuels fell while non-metals showed little change. Most of the metals decline was due to decreased zinc output. In fuels a decrease in output of crude petroleum and natural gas due to decreased exports of ofl was only partially offset by a sharp increase in coal production due to increased stackpiling for export and to increased demand for thermal power generation.

With the first quarter of 1970 now over, the following changes are show in the Index of Industrial production and its principal components as well as comparable figures for the United States. All data are seasonslly adjusted.

Percent change from Previous Quarter, Canada and the United States
(Seasonally adjusted data)


## NOTES TO USERS

1. For a continuous record of the Index of Industrial Production, please consult the following publications:

Indexes of Real Domestic Product by Industry (1961 Base), Catalogue No. 61-506, for the period 1919 to 1967; 1969 Annual Supplement to Monthly Index of Industrial Production, Catalogue No. 61-005 for the year 1968, (published with March 1969 issue); and current issues for the year 1969 and 1970.
2. Annual growth rates for selected industries for the years 1935-68 were published in the April and May 1969 issues of this publication.
3. The figures in Tables 1 and 2 may not reconcile with those on the Index of Industrial Production in Tables 3 and 4 because of small revisions to earlier months which have not been incorporated in the latter table.

| S.I.C. | Industry or industry group | 1961 percentage weights | Seasomally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1969 |  |  | 1970 |  |  |
|  |  |  | oet. | Nov. | Dec. | Jan. | Feb. | Mar. |


| 4 | MINES (including Milling), quarriES and OIL WELLS | 4.298 | 140.3 | 151.8 | 163.4 | 170.2 | 175.7 | 169.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4:01 | Metal mines | 2.463 | 105.0 | 121.6 | 141.3 | 149.0 | 156.4 | 150.1 |
| 051;052 | Placer gold and gold quartz mines ......... | . 325 | 47.7 | 52.5 | 49.6 | 53.9 | 50.8 | 51.5 |
| 058 | Iron mines ....................... | . 309 | 310.3 | 379.7 | 315.6 | 339.9 | 355.2 | 354.1 |
| 053-057;059 | Miscellaneous metal mines, n.e.s. | 1.829 | 80.5 | 90.2 | 128.2 | 133.6 | 141.5 | 133.2 |
| 4:02 | Mineral fuels | 1.030 | 188.3 | 196.1 | 194.4 | 209.9 | 206.2 | 195.7 |
| 061 | Coal mines | . 152 | 93.3 | 91.5 | 84.2 | 93.2 | 97.2 | 112.6 |
| 064 | Crude petroleum and natural gas | . 878 | 204.7 | 214.2 | 213.5 | 230.1 | 225.1 | 210.1 |
| 4:03 | Non-metal mines except coal mines | . 385 | 231.6 | 233.0 | 242.9 | 229.9 | 254.8 | 255.5 |
| 071 | Asbestos mines ................ | . 274 | 148.2 | 134.3 | 142.8 | 146.3 | 159.0 | 152.9 |
| 5 | Masbectur ies | 24.741 | 166.7 | 169.5 | 170.9 | 167.8 | 171.11 | 167.7 |
| 5:01-07:10-11; |  |  |  |  |  |  |  |  |
| 18-20 |  | 15.403 | 42.\% | is3 | 13.7 | 159.3 | 154.3 | 254.3 |
| 5:01 | Foods and beverages | 3.547 | 145.9 | 142.4 | 142.9 | 144.0 | 148.6 | 148.2 |
| 101;103 | Meat products | . 546 | 138.0 | 133.6 | 141.1 | 135.9 | 139.2 | 135.4 |
| 105:107 | Dairy products | . 524 | 135.6 | 141.1 | 141.6 | 148.0 | 147.7 | 148.9 |
| 123-125 | Grain mills .. | . 211 | 132.5 | 136.6 | 132.7 | 134.1 | 141.8 | 137.6 |
| 128;129 | Bakery products | . 517 | 107.4 | 106.7 | 105.1 | 105.4 | 107.5 | 109.3 |
| 131-139 | Other food processors | . 561 | 161.8 | 162.1 | 161.5 | 169.8 | 177.8 | 179.2 |
| 141-147 | Beverage manufacturers | . 820 | 181.2 | 161.5 | 155.6 | 160.2 | 167.4 | 168.0 |
| 141 | Soft drink manufacturers | . 234 | 203.4 | 182.9 | 193.0 | 193.7 | 199.6 | 187.1 |
| 143 | Distilleries | . 264 | 221.5 | 174.9 | 153.8 | 162.3 | 177.9 | 184.5 |
| 145 | Breweries | . 298 | 129.8 | 133.2 | 127.4 | 130.8 | 132.4 | 138.1 |
| 5:02 | Tobacco products industries | . 233 | 124.2 | 122.8 | 120.3 | 124.0 | 121.1 | 105.9 |
| 5:03 | Rubber industries | .411 | 150.1 | 168.9 | 155.7 | 149.0 | 161.8 | 153.2 |
| 5:04 | Leather industries | .293 | 102.0 | 104.1 | 101.5 | 98.7 | 99.7 | 95.4 |
| 174 | Shoe factories | . 195 | 103.0 | 105.0 | 100.9 | 100.2 | 101.4 | 96.3 |
| 5:05 | Textile industries | . 904 | 182.4 | 184.5 | 168.2 | 182.8 | 176.0 | 179.1 |
| 183 | Cotton yarn and cloth mills | .211 | 103.2 | 92.9 | 91.6 | 102.5 | 94.5 | 92.5 |
| 201 | Synthetic rextile mills ................. | . 304 | 270.5 | 275.4 | 231.2 | 259.1 | 242.8 | 250.9 |
| 5:06 | Kaiteing mills . .............................. | . 218 | 140.5 | 139.8 | 141.0 | 142.9 | 141.5 | 139.3 |
| 5:07 | Clothing industries . ....................... | . 854 | 123.0 | 121.3 | 120.8 | 122.7 | 122.8 | 120.8 |
| 5:10 | Paper and allied industries ............... | 2.675 | 151.8 | 155.1 | 168.5 | 155.5 | 154.6 | 154.1 |
| 271 | Pulp and paper mills .................... | 2.170 | 151.4 | 156.5 | 172.8 | 156.8 | 154.4 | 154.8 |
| 273;274 | Paper box and bag manufacturers and other paper converters | . 453 | 152.3 | 148.5 | 151.7 | 153.2 | 157.2 | 152.7 |
| 5:11 | Printing, publishing and allied industries | 1.353 | 149.7 | 147.0 | 145.7 | 142.5 | 141.2 | 141.7 |
| 5:18 | Fetroleum and coal products industries | . 583 | 146.6 | 156.4 | 153.9 | 157.4 | 159.0 | 151.3 |

T: GIEE 1. Seasonally Adjusted Index of Industrial Production - Concluded
$(1961=100)$

| S.I.C. | Industry or industry group | $\begin{aligned} & 1961 \\ & \text { percentage } \\ & \text { weights } \end{aligned}$ | Seasonally adjusted |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1969 |  |  | 1970 |  |  |
|  |  |  | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. |



TABLE 2. Index of Industrial Production, without Seasonal Adjustment
$(1961=100)$
S.I.C. Industry or industry group


$152.7 \quad 149.9 \quad 158.5 \quad 153.5 \quad 163.2 \quad 162.5 \quad 171.7 \quad 167.0$
$\qquad$141.8121.7 140.5$137.8 \quad 147.8 \quad 145.4$

58.8
52.4 25.7 .7
56.1

| 257.7 | 295.8 | 373.6 |
| :--- | :--- | :--- |
| 116.3 | 309.2 |  |

$52.8 \quad 52.0 \quad 50.8$ $275.3291 .3 \quad 304.9$ $\begin{array}{lllllll}116.3 & 131.0 & 91.5 & 128.2 & 129.7 & 140.5 & 135.3\end{array}$

Mineral fuels $\qquad$ 164.3
180.0
190.8194 .0201 .7
$220.0 \quad 220.4 \quad 202.8$
Coal mines
96.6
93.3
195.0
107.7
$107.7 \quad 100.6 \quad 88.8$
$101.8 \quad 108.9 \quad 116.7$

176.1

Non-metal mines except coal mines ..........
196.1
124.
221.6
209.
$138.0 \quad 137.4 \quad 142.2137 .1 \quad 130.253 .2$
Asbestos mines .........................................

$159.4 \quad 163 . \therefore \quad 170.8 \quad 176.3165 .0 \quad 160.61163 .7163 .2$

143.3
151.7

Foods and beverages 139.8 143.5 $138.2 \quad 136.3$

137.0
125.7
106.8
153.0
153.0
141.0
130.1
106.2
161.2
168.9
188.1
169.4
175.9
$125.2 \quad 131.3$
119.1121 .7

Tobacco products industries .................
137.
153.7
$113.0 \quad 108.6$
115.2109 .1
$124.1 \quad 107.7 \quad 90.1 \quad 95.6111 .1 \quad 104.0$
Leather Industries . ........................... . . . .
28.2
$186.8 \quad 198.3 \quad 174.3$
$177.5 \quad 180.7 \quad 174.2$
Cotton yarn and cloth mills ...............
Synthetic textile mills ............................
103.7
$241.0 \quad 267.4$
115.2

Knitting mills ...................................
$136.7 \quad 141.3$
97.4249 .0
102.4110 .198 .4
$250.3 \quad 252.5 \quad 242.4$

Clothing industries ..........................
122.4122 .0
$125.2 \quad 120.0 \quad 115.8$
$123.2 \quad 126.8 \quad 123.2$
Paper and allied industries ..............
$136.7 \quad 152.0$
Pulp and paper mills ..................
$135.1 \quad 152.0$
$156.0 \quad 158.8 \quad 159.0$
$147.8 \quad 157.4 \quad 159.4$

Paper box and bag manufacturers and
ocher paper converters
$142.4 \quad 151.6$
Printing, publishing and allied industries
$138.0 \quad 144.8$
$149.4152 .2 \quad 149.7$

Petrolem and coal products industries....
143.2
149.0
$152.4 \quad 157.0 \quad 162.6$
$162.1162 .2 \quad 152.5$

| S.I.C. | Industry or industry group | Annual averages |  | Without seasonal adjustment |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 1969 |  |  | 1970 |  |  |
|  |  | 1968 | 1969 | Mar. | Nov. | Dec. | Jan. | Feb. | Mar. |
| NON-DURABLE MANUFACTURING - Concluded: |  |  |  |  |  |  |  |  |  |
| 5:19 | Chemical and chemical products industries | 165.2 | 169.8 | 175.9 | 170.4 | 166.2 | 172.5 | 181.7 | 176.2 |
| 374 | Manufacturers of pharmaceuticals and medicines | 195.7 | 204.1 | 217.3 | 222.2 | 187.7 | 238.0 | 236.4 | 215.9 |
| 375 | Paint and varnish manufacturers . | 126.6 | 130.0 | 143.0 | 110.7 | 85.4 | 90.4 | 118.6 | 123.1 |
| 376 | Manufacturers of soap and cleaning compounds | 144.3 | 148.9 | 156.1 | 164.8 | 145.5 | 158.3 | 177.0 | 163.2 |
| 378 | Manufacturers of industrial chemicals | 180.9 | 186.3 | 190.7 | 183.2 | 193.2 | 189.8 | 200.8 | 195.9 |
| 5:20 | Miscellaneous manufacturing industries | 161.8 | 177.8 | 170.8 | 191.9 | 184.0 | 179.1 | 182.6 | 181.3 |
| 5:08-09;12-17 | DURABLE MANUFACTURING | 178.4 | 188.8 | 194.9 | 198.0 | 184.7 | 181.4 | 191.2 | 187.9 |
| 5:08 | Wood industries | 143.9 | 147.4 | 164.0 | 142.3 | 134.8 | 136.1 | 153.7 | 150.5 |
| 251 | Sawnills and planing mills | 151.7 | 154.5 | 178.5 | 142.2 | 138.9 | 140.4 | 164.4 | 162.2 |
| 252 | Veneer and plywood mills | 154.7 | 161.4 | 184.5 | 177.2 | 155.5 | 166.0 | 180.6 | 177.2 |
| 5:09 | Furniture and fixture industries | 152.9 | 161.7 | 155.3 | 169.4 | 163.7 | 156.1 | 151.8 | 146.0 |
| $5: 12$ | Primary metal industries | 153.0 | 150.7 | 170.5 | 145.8 | 157.3 | 163.6 | 174.8 | 173.3 |
| 291 | Iron and steel mills. | 169.7 | 166.6 | 193.6 | 169.5 | 174.6 | 186.9 | 200.3 | 198.7 |
| 292 | Steel pipe and tube mills | 174.4 | 159.0 | 219.9 | 115.4 | 137.6 | 156.4 | 212.2 | 210.9 |
| 294 | Iron foundries .......... | 139.4 | 139.9 | 153.2 | 159.7 | 122.2 | 115.6 | 126.3 | 120.6 |
| 295 | Smelting and refining | 123.7 | 119.3 | 130.5 | 104.8 | 134.3 | 135.6 | 138.6 | 138.7 |
| machinery and transportation equipment |  |  |  |  |  |  |  |  |  |
|  | industries) ................................ | 162.9 | 170.4 | 170.2 | 174.6 | 166.6 | 164.0 | 166.7 | 163.2 |
| 3012 | Boiler and plate works .................... | 171.8 | 177.1 | 171.0 | 181.6 | 173.2 | 161.6 | 176.0 | 171.1 |
| $\begin{array}{r}3.12 \\ \\ \hline 103\end{array}$ | Fabricated structural metal industry .... | 152.7 | 169.0 | 160.4 | 177.8 | 165.6 | 160.7 | 164.8 | 161.1 |
| 5103 | Ornamental and architectural metal industry | 143.5 | 149.4 | 141.2 | 155.4 | 148.1 | 138.9 | 132.8 | 137.4 |
| 304 | Metal stamping, pressing and coating industry | 171.9 | 179.6 | 179.8 | 177.6 | 169.0 | 168.3 | 169.2 | 166.1 |
| 305 | Wire and wire products manufacturers ... | 165.4 | 159.9 | 181.8 | 165.5 | 146.0 | 149.0 | $167.3$ | $157.9$ |
| 306 | Hardware, tool and cutlery manufacturers | 181.6 | 195.2 | 194.0 | 203.2 | 203.0 | 199.2 | 202.3 | $198.1$ |
| 5:14 | Machinery industries (except electrical machinery) | 198.7 | 215.5 | 215.3 | 220.7 | 221.1 | 219.3 | 224.1 | 219.5 |
| 5:15 | Transportation equipment industries | 243.1 | 267.4 | 281.5 | 300.0 | 254.7 | 246.1 | 261.6 | 258.8 |
| 321 | Aircraft and parts manufacturers ....... | 142.4 | 140.7 | 140.5 | 150.6 | 151.9 | 150.4 | 146.6 | 141.0 |
| 323;324 | Motor vehicle and truck body and trailer manufacturers | 322.4 | 369.2 | 405.0 | 444.6 | 332.8 | 332.7 | 369.0 | 365.8 |
| 325 | Motor vehicle parts and accessories manufacturers | 242.9 | 253.4 | 255.2 | 254.0 | 251.0 | 224.8 | 225.0 | 226.1 |
| 326 | Railroad rolling stock industry | 249.0 | 288.8 | 280.8 | 298.6 | 304.0 | 283.6 | 316.0 | 293.8 |
| 327 | shipbuilding and repair ....... | 164.0 | 169.2 | 185.8 | 149.6 | 143.6 | 147.6 | 152.3 | 155.4 |
| 5:16 | Electrical products industries ............ | 192.0 | 211.6 | 207. 1 | 230.6 | 209.3 | 200.7 | 213.3 | 203.9 |
| 332 | Manufacturers of major appliances (electric and non-electric) | 182.9 | 199.2 | 206.6 | 217.4 | 158.B | 155.5 | 195.2 | 173.2 |
| 334 | Manufacturers of household radio and television receivers $\qquad$ | 230.4 | 293.3 | 286.2 | 400.5 | 279.9 | 235.3 | 284.1 | 218.3 |
| 335 | Communications equipment manufacturers .. | 238.4 | 257.6 | 248.5 | 266.0 | 264.4 | 257.3 | 261.6 | 255.8 |
| 336 | Manufacturers of electrical industrial equipment | 175.2 | 185.7 | 180.8 | 196.0 | 191.0 | 182.9 | 191.9 | 189.8 |
| 5: 17 | Non-metallic mineral products industries . | 139.1 | 142.8 | 127.2 | 151.4 | 123.4 | 110.5 |  |  |
| 341 | Cement manufacturers ..................... | 121.2 | 121.9 | 95.3 | 125.3 | 83.7 | 71.1 | 80.0 | 85.1 |
| 348 | Ready-mix concrete manufacturers | 173.4 | 171.3 | 122.5 | 191.5 | 112.8 | 74.2 | 97.4 | 102.2 |
| 356 | Glass and glass products manufacturers | 173.4 | 174.0 | 166.5 | 179.5 | 170.9 | 161.4 | 160.0 | 177.1 |
| 7:04 | Electric power, gas and hater utilities | 174.4 | 190.4 | 203.9 | 204.1 | 221.8 | 243.2 | 240.5 | 225.1 |
| 572 | Electric power | 173.6 | 189.3 | 194.6 | 202.4 | 214.4 | 227.6 | 224.4 |  |
| 574 | Gas distribution | 211.4 | 236.7 | 314.2 | 262.2 | 328.3 | 418.2 | 417.1 | 370.2 |

## Real Domestic Product (1), Fourth Quarter 1969

The seasonally adjusted R.D.P. index rose 1.5 per cent in the fourth quarter from its slightly revised third-quartor level. In 1969 production in the domestic economy started very strongly, with the first quarter exceeding the substantial expansion that had occurred in the last quarter of 1968. In the second quarter, however, production declined for the first time in the current expansionary period; the level of output in the third quarter was almost unchanged from that in the second.

Strikes and lockouts played a dominant role in the quarter-to-quarter movements. There were fewer working days lost in the first quarter than in the same quarter for the last several years. Not since the current expansionary period began, however, have the second, third and fourth quarters recorded so many days lost, and the third quarter established a new record

The service-producing industries accounted for over 60 per cent of the increase in R.D.P. in the fourth quarter. Transportation, storage and commumication recorded the major increase within this grouplng. Railway transport led the way, because of renewed carriage of commodities that had fallen off in volume in the previous months due to the iron ore, steel, and nickel strikes. Water transport also benefitted from the pickup in activity. Pipeline transport was up strongly, particularly gas pipelines, in response to accelerated demand from the thited states. The effects of recovery from the B.C. telephone strike as well as concinued advances in output are reflected in the advance in telephone systems.

Mining's strong advance was the result of iron ore miming rising from the strike-depressed levels of the previous two quarters, and an expansion in the crude petroleum and natural gas industry. Manufacturing also rose significantly in the fourth quarter, with most of the increase originating in durables. Within durables, strike recoveries in iron and steel mills and in smelting and refining, along with expansion in the wood industries, more than offset decreases in the transportation equipment industries and in the electrical product industries.
(1) It should be noted that the movements described here may not always coincide with the constant price gross national expenditure data in the quarterly national income and expenditure accounts, due to conceptual and statistical differences. Among these differences are factor cost versus market price valuations the use of domestic versus national boundaries, and the use of different weight base periods.

## Real Domestic Product, 1969

Canada's R.D.P. for 1969 rose by 4.6 per cent. This compares with the 1946-68 average growth rate of 4.7 per cent, the 1961 - 68 growth rate of 5.6 per cent, the 1968 rate of 4.5 per cent, and the 1967 rate of 2.7 per cent. Growth rates for the major segments of the economy are listed in the following table. They show that the domestic economy is moving towards the post-war rate of advance, but is still considerably below the rate of expansion that took place in 1962 to 1966 . The decrease in mining was one of the major dampening influences on the economy in 1969 ; mining growth in the '60's has also slowed considerably from the post-war rate. Decelerations from the 1946-68 rates also occurred in transportation, storast and communication, and in trade.

Several major factors affected industrial output in 1969. Exports rose strongly, led by shipments of autorotivt products to the U.S. Population grew, but at a lesser rate than in 1968 because of decreased immigration from Europe. the labour force, however, increased by a larger percentage in 1969 than in the previous year, as did labour force employmeit. The major dampening factor was the increase of more than one-half in the number of man-days lost to strikes and lockouts: This loss amounted to one day for each person employed in Canada. The larger of the major strikes occurred in the miscellaneous metal mining (nickel), steel mills, iron ore mining, smelting and refining, construction, and air transport industries.

In 1969 the faster-rising goods-producing industries accounted for a little more chan one-half of the growth in R.D.P. Increased manufacturing output had the largest effect within the goods-producing industries; the advance in manufacturing alone accomted for one-third of the year-over-year increase in output in the domestic economy. Within manufacturing, durables grew a little faster than non-durables. The increase in durables resulted from advances in the transportation equipment, electrical products, machinery, and metal fabricating industries which more than offset a decrease in the strikeaffected primary metal industries. Non-durables increased on the basis of a strong advance in paper and allied industries, and gains in the foods and beverages, textile, and printing and publishing industries.

Of the other six goods-producing industry divisions, construction made the largest contribution to the change in aggregate R.D.P. The increase in this division originated in residential construction, which rose sharply in the year on the strength of the first and second quarter. Scarcity of mortgage money and rising interest rates and construction costs combined to slow the erection of housing units in the latter hall of the year. These factors and the June deferral of capital cost allowances on commerctal projects in three provinces contributed to holding non-residential building down to its 1968 level. Within residential construction, the number of starts rose to a new record within the year, but all of the increase came from multiple units.

Agriculture and the utilities recorded significant adyances of about the same magnitude. The 1969 rise in agriculture originated in increased production of grain (wheat), poultry and eggs, miscellaneous products (particularly tobacco), and livestock (cattle and calves). Expenses also rose, with an increase in feed expenses more than offsetting a decrease in machinery expenses.

The utilities expanded on the strength of large gains in both the electric power utilities and gas distribution. Forestry's rise, although small in terms of its impact on the total output of the national economy, was much stronger than the depressed level of operations in 1968. Pulpwood cuttings advanced in response to growth in external demand for pulp and paper, particularly from overseas markets.

In 1969 more than one-third of the increase in the service-producing industries came from the community, business and personal service division. Continued advances were recorded for education, business management, health and welfare, personal, and other services.

Trade showed the second most significant increase of the service-producing industries, with two-thirds of it originating in retail trade. Department, variety, and chain grocery stores showed the largest volume increases among the retail outlets, while the most significant wholesale trade increases occurred in automotive parts and accessories, household electrical appliances, industrial and transportation equipment, and petroleum bulk tank stations.

Of the other two service-producing industry divisions with significant increases, the finance, insurance and real ostate division recelved most of its growth from insurance and real estate, although the finance industries grew at a faster relative rate. The dominant factor in the transportation, storage and communication division's increase was the lack of growth is rail and water transport, neither of which were able to advance in the year primarily because of the effect of strikes in the mining industry. A continued strong upward movement in telephone systems, and increases in air transport (despite being strike-bound in April and May) and pipeline transport (particularly gas pipelines) were also important factors.

The increase in the output of the domestic economy was not as widespread as in 1968, when all of the twelve industry divisions rose. In 1969 three divisions decreased. Mining's decline was the most significant, and was caused by the miscellaneous metals and the iron ore strikes more than offsetting increases in the crude petroleum and natural gas industry and in non-metal mining (except coal).

The public administration and defence index was fractionally lower than in the previous year, because decreases in federal and provincial administration more than offset an increase in local administration. A very large percentage decrease was suffered by the fishing industry. Aclantic fishing declined, and B.C. fishing shrank substantially, because of a drop off in the salmon catch.

Growth Rates

|  | 1946-68 | 1961-68 | 1967-66 | 1968-67 | 1969-68 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Real Domestic Product | 4.7 | 5.6 | 2.7 | 4.5 | 4.6 |
| Real Domestic Product less agriculture | 5.0 | 5.7 | 3.6 | 4.4 | 4.5 |
| Goods-producing industries ........... | 5.0 | 6.5 | 0.0 | 5.5 | 5.3 |
| Goods-producing industries less agriculture | 5.8 | 6.9 | 1.7 | 5.2 | 5.1 |
| Service-producing industries ............... | 4.4 | 4.9 | 5.0 | 3.7 | 4.0 |
| Agriculture . | 1.7 | 2.9 | - 14.2 | 7.1 | 7.8 |
| Forestry.. | 2.3 | 4.2 | 4.1 | 2.1 | 4.2 |
| Fishing and trapping | 1.2 | 1.1 | - 7.8 | 11.4 | - 18.3 |
| Mines (Incl. milling), quarries and oil wells | 8.5 | 6.5 | 6.4 | 5.2 | - 1.8 |
| Manufacturing . . . . . . . . . . . . . . . . . . . . . . . . | 5.1 | 7.0 | 0.3 | 5.1 | 5.6 |
| Non-durables | 4.9 | 5.4 | 1.3 | 4.6 | 5.4 |
| Durables | 5.4 | 8.7 | - 0.6 | 5.6 | 5.8 |
| Electric power, gas and water utilities | 9.3 | 8.5 | 9.1 | 8.1 | 9.2 |
| Gonstruction ........................... | 6.1 | 6.6 | 0.5 | 5.1 | 6.5 |
| Tansportation, storage and communication | 4.8 | 6.3 | 5.8 | 4.1 | 4.0 |
| Trade ....................... | 4.6 | 5.1 | 4.2 | 3.5 | 4.3 |
| Inance, insurance and real estate | (1) | 3.9 | 4.4 | 3.9 | 4.2 |
| Qumunity, business and personal service | 4.3 | 5.6 | 4.8 | 3.8 | 5.8 |
| Tublic administration and defence ...... | (1) | 2.5 | 6.9 | 2.8 | - 0.7 |

(1) Not available for this time periad.


TABLE 3. Seasonally Adjusted Inde: of Re.ll Fomestic Promut
$(1961=100)$

| S.I.C. | Industry or industry group | Seasmally adjusted |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} 1961 \\ \text { percentage } \\ \text { weights } \end{gathered}$ | 1968 |  | 1969 |  |  |  |
|  |  |  | III | IV | I | II | III | IV |
| 1 | REAL DOMESTIC PRODUCT | 100.000 | 145.6 | 148.6 | 152.1 | 151.4 | 151.3 | 153.6 |
|  | Agriculture | 4.557 | 128.4 | 137.8 | 149.6 | 145.7 | 140.9 | 139.6 |
|  | REAL DOMESTIC PRODUCT LESS AGRICULTURE | 95.443 | 146.5 | 149.1 | 152.2 | 151.6 | 151.8 | 154.3 |
| 2 | FORESTRY | 1.257 | 135.4 | 138.6 | 135.9 | 142.6 | 131.7 | 145.2 |
| 3 | FISHING AND TRAPPING | . 262 | 116.4 | 118.5 | 114.2 | 102.0 | 89.4 | 99.9 |
| 4 | MINES (including Milling), QUARRIES AND OtL WELLS | 4. 298 | 152.9 | 154.5 | 160.8 | 149.1 | 139.3 | 151.7 |
| 4:01 | Metal mines | 2.463 | 142.9 | 144.5 | 149.7 | 131.2 | 106.7 | 122.7 |
| 4:02 | Mineral fuels | 1.030 | 166.7 | 171.1 | 176.1 | 170.7 | 181.3 | 192.5 |
| 4:03 | Non-metal mines except coal mines | . 385 | 191.3 | 188.3 | 207.2 | 208.8 | 228.3 | 235.8 |
| 5 | manufactur ing | 24.741 | 159.6 | 165.1 | 167.7 | 168.2 | 167.6 | 168.7 |
| $\begin{aligned} & 5: 01-07 ; 10-11 ; \\ & 18-20 \end{aligned}$ |  |  |  |  |  |  |  |  |
|  | non-durable manufacturing | 13.608 | 141.9 | 147.5 | 150.7 | 150.6 | 152.3 | 153.0 |
| 5:01 | Foods and beverages | 3.547 | 139.1 | 141.4 | 144.3 | 142.6 | 144.1 | 142.3 |
| 5:02 | Tobacco products industries | . 233 | 116.9 | 122.6 | 123.3 | 122.5 | 120.3 | 122.4 |
| 5:03 | Rubber industries ........ | . 411 | 126.9 | 143.7 | 145.4 | 154.7 | 150.1 | 158.2 |
| 5:04 | Leather industries | . 293 | 113.5 | 114.4 | 112.8 | 111.7 | 110.2 | 102.9 |
| 5:05 | Textile industries | . 904 | 178.0 | 183.3 | 189.3 | 197.5 | 186.7 | 177.7 |
| 5:06 | Knitting mills | . 218 | 136.9 | 142.2 | 140.9 | 142.9 | 141.2 | 140.1 |
| 5:07 | Clothing industries | . 854 | 121.5 | 122.0 | 121.7 | 122.8 | 121.6 | 12 I , is |
| 5:10 | Paper and allied industries ............... | 2.675 | 130.2 | 142.4 | 149.0 | 149.0 | 152.0 | 158.5 |
| 5:11 | Printing, publishing and allied industries | 1.353 | 137.6 | 141.5 | 141.0 | 141.6 | 149.0 | 149.3 |
| 5:18 | Petroleum and coal products industries .... | . 583 | 142.3 | 145.0 | 151.4 | 136.9 | 152.3 | 152.5 |
| 5:19 | Chemical and chemical products industry ... | 1.682 | 164.1 | 168.5 | 171.0 | 169.0 | 171.1 | 170.3 |
| 5:20 | Miscellaneous manufacturing industries .... | . 855 | 160.1 | 167.3 | 170.9 | 175.7 | 177.6 | 184.6 |
| 5:08-09;12-17 | durable manifacturing | 11.133 | 181.3 | 186.6 | 188.4 | 189.8 | 186.2 | 187.9 |
| 5:08 | Wood industries | 1.117 | 143.1 | 154.6 | 147.0 | 151.8 | 141.4 | 148.8 |
| 5:09 | Furniture and $£$ ixture industries | . 448 | 151.5 | 156.0 | 160.2 | 161.4 | 162.5 | 162.7 |
| 5:12 | Primary metal industries ... | 2.256 | 154.7 | 159.0 | 162.4 | 164.3 | 133.1 | 142.7 |
| 5:13 | Metal fabricating industries (except machinery and transportation equipment industries) $\qquad$ | 1.857 | 164.5 | 167.5 | 170.6 | 171.7 | 169.0 | 171.1 |
| 5:14 | Machinery industries (except electrical machinery) | . 995 | 203.0 | 201.7 | 211.4 | 213.8 | 169.0 216.1 | 171.1 |
| 5:15 | Transportation equipment industries ...... | 2.001 | 253.0 | 264.6 | 258.9 | 252.4 | 274.0 | 267.9 |
| 5:16 | Electrical products industries ............ | 1. 572 | 193.6 | 198.4 | 205.9 | 213.4 | 214.5 | 210.5 |
| 5:17 | Non-metallic mineral products industries .. | . 887 | 139.6 | 139.1 | 142.7 | 144.2 | 143.7 | 142.9 |
| 6 | CONSTRUCTION INDUSTRY | 5.840 | 151.8 | 152.7 | 161.2 | 160.7 | 160.6 | 157.4 |
| 7:04 | ElECTRIC POWER, GAS AND WATER UTILITIES . . . . . | 2.812 | 177.8 | 181.6 | 186.1 | 186.6 | 191.1 | 195.2 |
| 572 | Electric power ................................. | 2.270 | 175.5 | 180.8 | 184.7 | 186.8 | 189.6 | 194.3 |
| 574 | Gas distribution | . 336 | 226.1 | 222.3 | 232.7 | 221.7 | 239.9 | 242.1 |
| 7 | transportation, storage and communication . . . . | 9. 985 | 149.8 | 154.2 | 159.7 | 152.3 | 152.8 | 161.1 |
| 7:01 | Transportation ................................ | 7.039 | 152.1 | 157.6 | 162.5 | 151.9 | 152.4 | 161.0 |
| 501;502 | Air transport . . . . . . . . . . . . . . . . . . . . . . . . . | . 423 | 247.2 | 267.2 | 297.4 | 226.0 | 283.9 | 293.9 |
| 504;505 | Water transport .............................. | . 685 | 142.7 | 153.7 | 147.3 | 135.7 | 129.8 | 146.3 |
| 506 | Railway transport . . . . . . . . . . . . . . . . . . . . | 2.969 | 154.9 | 159.9 | 163.2 | 154.3 | 147.1 | 159.5 |
| $508$ | Bus transport, interurban and rural ....... | . 097 | 152.8 | 150.4 | 173.3 | 171.1 | 160.0 | 175.0 |
| 509 | Urban transit systems . ..................... | . 348 | 111.8 | 111.5 | 116.0 | 104.8 | 106.2 | 109.1 |
| 7:02 | Storage ....... | . 363 | 98.5 |  | 113.8 |  |  |  |
| 524 | Grain elevators ............................ | . 273 | 90.5 | 100.2 | 107.1 | 107.7 | 110.7 | $103.2$ |
| 7:03 | Communication . . .............................. | 2.583 | 150.6 | 151.4 | 158.4 | 158.5 | 159.3 | 168.5 |

## $\therefore \therefore$ ilie 3. Seasonally Adjusted Index of Real Domestic Product - Concluded

(1961=100)

| S.I.C. | Industry or industry group | Seasonally adjusted |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 1961 percentage weights | 1968 |  | 1969 |  |  |  |
|  |  |  | III | Iv | I | II | III | IV |
| 8 | TRADE | 12.721 | 141.4 | 141.3 | 143.9 | 144.7 | 147.4 | 148.1 |
| 8:01 | Wholesale trade | 4.788 | 138.3 | 137.2 | 139.6 | 142.2 | 147.2 | 148.1 |
|  | Wholesale Merchants | 3.449 | 134.0 | 132.7 | 137.6 | 138.8 | 143.3 | 145.1 |
|  | Automotive parts and accessories | . 283 | 124.9 | 130.3 | $\cdots$ | - | .. | . |
| , | Drugs and drug sundries ....... | . 097 | 155.9 | 159.0 | . | $\ldots$ | -. | . |
| . | Clothing, furnishings and other textiles .. | . 152 | 104.8 | 100.8 |  | $\cdots$ | $\cdots$ |  |
| - | Fresh fruics and vegetables ................ | . 072 | 121.6 | 119.7 | $\ldots$ | . | . |  |
| . . | Groceries and food specialties | . 283 | 133.3 | 134.4 | - | - | - |  |
| . | Hardware | . 176 | 114.0 | 110.7 | . | - | - |  |
| . | Industrial and transportation equipment and supplies | . 369 | 139.5 | 143.4 | .. | -. |  |  |
| 8:02 | RETAIL TRADE .......................................... . | 7.933 | 143.2 | 143.8 | 146.5 | 146.1 | 147.5 | 148.2 |
|  | Grocery and combination stores (chain) ...... | . 682 | 137.1 | 136.4 | 142.8 | 144.4 | 141.7 | 151.8 |
|  | Grocery and combination stores (independent) | . 637 | 123.8 | 122.4 | 121.3 | 121.8 | 124.3 | 121.7 |
| . | All other food stores . . . . . . . . . . . . . . . . . . . | . 211 | 126.0 | 128.5 | 131.3 | 131.3 | 129.5 | 129.8 |
|  | Department stores . . . . . . . . . . . . . . . . . . . . . . . | 1.160 | 143.5 | 143.9 | 152.4 | 153.0 | 151.4 | 156.2 |
|  | General stores ... | . 232 | 114.5 | 112.1 | 116.2 | 116.6 | 117.2 | 113.5 |
|  | Variety stores. | . 300 | 174.0 | 184.4 | 190.7 | 195.3 | 198.4 | 208.6 |
|  | Motor vehicle dealers ........................ | . 918 | 174.8 | 171.9 | 168.9 | 161.5 | 174.3 | 164.0 |
|  | Clothing stores | . 503 | 121.4 | 121.5 | 125.0 | 125.3 | 122.5 | 122.8 |
|  | Shoe stores ... | .118 | 121.7 | 125.9 | 119.5 | 121.3 | 118.6 | 124.5 |
|  | Hardware stores | . 164 | 133.9 | 133.1 | 130.5 | 132.2 | 130.9 | 130.1 |
|  | Furniture, television, radio and appliance stores | . 336 | 147.5 | 145.7 | 144.6 | 147.8 | 153.6 | 146.8 |
|  | Drug stores .................................. | . 341 | 156.4 | 160.0 | 161.1 | 157.3 | 159.3 | 165.8 |
| 4 | finance, insurance and real estate | 12.013 | 131.0 | 132.1 | 133.6 | 135.6 | 136.9 | 138.5 |
| 10 | COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES | 13.789 | 144.4 | 147.3 | 149.9 | 151.3 | 153.2 | 155.5 |
| 10:01 | Education and related services | 3.527 | 168.7 | 171.4 | 174.1 | 176.6 | 179.8 | 182.7 |
| 10:02 | Health and welfare services | 3.563 | 133.7 | 133.9 | 134.9 | 136.2 | 137.1 | 138.2 |
| 10:04 | Motion picture and recreational services | . 389 | 151.6 | 154.1 | 160.6 | 165.2 | 173.7 | 162.8 |
| 10:05 | Services to business management . . . . . . . . . . . . . | 1.643 | 155.4 | 163.2 | 172.2 | 173.8 | 176.7 | 180.4 |
| 10:06 | Personal services ...... | 3.623 | 122.6 | 125.1 | 125.2 | 125.4 | 125.9 | 127.5 |
| 874 | Laundries, cleaners and pressers | . 398 | 113.7 | 112.1 | 111.7 | 110.3 | 108.1 | 107.1 |
| 875 | Hotels, restaurants and taverns. | 2.326 | 126.3 | 130.2 | 130.3 | 130.9 | 131.3 | 133.9 |
| 11 | PUBLIC ADMINISTRATION AND DEFENCE | 7.725 | 119.8 | 119.4 | 119.3 | 119.7 | 119.4 | 118.9 |

SPECLAL INDUSTRY INDEXES:

| 1-6;7:04 | Goods-producing industries ....................... | 43.767 | 154.9 | 159.6 | 164.2 | 163.0 | 161.1 | 163.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2-6;7:04 | Goods-producing industries less Agriculture ..... | 39.210 | 158.0 | 162.1 | 165.9 | 165.1 | 163.5 | 165.9 |
| 7:01-03;8-11 | Service-producing industries ...................... | 56.233 | 138.4 | 140.1 | 142.6 | 142.3 | 143.7 | 146.2 |
| (1) | Commercial industries ......................... | 84.355 | 147.4 | 150.7 | 154.6 | 153.6 | 153.4 | 155.9 |
| (1) | Commercial industries less Agriculture .......... | 79.798 | 148.5 | 151.5 | 154.9 | 154.0 | 154.1 | 156.8 |
| (1) | Non-cosmercial industries . ........................ | 15.645 | 136.2 | 137.1 | 138.4 | 139.5 | 140.3 | 141.4 |
| 4;5:7:04 | Index of Industrial Production .................... | 31.851 | 160.3 | 165.1 | 168.4 | 167.3 | 16S.8 | 168.8 |

[^0]TABLE 4. Index of Real Domestic Product, without Seasonal is judtmuit
(1961-100)

| S.I.C. | Industry or industry group | Without seasonal adjustment |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual averages |  | 1968 |  | 1969 |  |  |  |
|  |  | 1968 | 1969 | III | IV | 1 | II | III | IV |
|  | REAL DOMESTIC PRODUCT | 145.4 | 152.1 | 155.9 | 148.5 | 142.7 | 149.4 | 162.8 | 153.2 |
| 1 | AGR ICULTURE | 133.5 | 143.9 | 324.7 | 82.0 | 68.1 | 62.4 | 371.2 | 74.1 |
|  | REAL DOMESTIC PRODUCT LESS AGRICULTURE ........ | 145.9 | 152.4 | 147.8 | 151.7 | 146.3 | 153.6 | 152.9 | 157.0 |
| 2 | FORESTRY | 132.6 | 138.2 | 151.2 | 133.4 | 125.8 | 132.8 | 151.4 | 142.6 |
| 3 | FISHING AND TRAPPING | 116.0 | 94.8 | 205.3 | 85.4 | 63.3 | 105.5 | 134.3 | 75.9 |
| 4 | MINES (including Milling), QUARRIES AND OIL WELLS | 152.7 | 149.9 | 153.5 | 157.5 | 154.3 | 151.7 | 139.0 | 154.7 |
| 4:01 | Metal mines | 142.6 | 126.9 | 144.0 | 147.4 | 139.2 | 135.9 | 107.0 | 123.4 |
| 4:02 | Mineral fuels | 164.3 | 179.9 | 163.3 | 171.3 | 185.1 | 164.7 | 177.9 | 191.9 |
| 4:03 | Non-metal mines except coal mines | 196.1 | 221.6 | 185.5 | 197.6 | 199.8 | 220.1 | 217.8 | 248.6 |
| 5 | MANUFACTURING | 159.4 | 168.3 | 156.4 | 167.0 | 164.7 | 173.2 | 164.5 | 171.0 |
| 5:01-07;10-11; |  |  |  |  |  |  |  |  |  |
| 18-20 | NON-DURABLE MANUFACTURING . . . . . . . . . . . . . . | 143.9 | 151.6 | 143.5 | 148.6 | 146.0 | 152.9 | 153.0 | 154.5 |
| 5:01 | Foods and beverages | 139.8 | 143.2 | 155.5 | 141.5 | 125.0 | 144.8 | 159.3 | 143.6 |
| 5:02 | Tobacco products industries | 119.1 | 121.7 | 106.6 | 122.8 | 127.8 | 128.7 | 107.7 | 122.6 |
| 5:03 | Rubber industries | 137.3 | 153.7 | 111.2 | 154.0 | 154.0 | 159.3 | 131.2 | 170.2 |
| 5:04 | Leather industries | 113.0 | 108.7 | 105.6 | 113.6 | 120.3 | 112.4 | 101.0 | 101. 3 |
| 5:05 | Textile industries | 175.0 | 187.8 | 169.3 | 192.1 | 187.7 | 200.2 | 176.4 | 186.2 |
| 5:06 | Knitting mills | 136.7 | 141.2 | 138.4 | 143.9 | 139.3 | 141.2 | 142.6 | 141.7 |
| 5:07 | Clothing industries | 122.4 | 122.0 | 122.7 | 120.9 | 124.0 | 120.7 | 122.8 | 120.3 |
| 5:10 | Paper and allied industries | 136.7 | 152.0 | 129.1 | 142.1 | 148.4 | 151.0 | 150.6 | 15.4.1 |
| 5:11 | Printing, publishing and allied indus= tries | 138.0 | 145.2 | 131.9 | 144.4 | 139.1 | 146.8 | 142.5 | 15\%.2 |
| 5:18 | Petroleum and coal products industries.. | 143.2 | 149.1 | 144.7 | 147.1 | 153.0 | 132.3 | 156.3 | 154.7 |
| 5:19 | Chemical and chemical products industry | 165.2 | 169.6 | 156.9 | 166.8 | 173.4 | 175.2 | 161.3 | 168.6 |
| 5:20 | Miscellaneous manufacturing industries . . | 161.8 | 177.3 | 162.9 | 169.5 | 167.0 | 174.2 | 180.7 | 187.1 |
| 5:08-09;12-17 | durable manufacturing | 178.4 | 188.8 | 172.1 | 189.5 | 187.6 | 198.0 | 178.5 | 191.1 |
| 5:08 | Wood industries | 143.9 | 147.2 | 149.3 | 144.6 | 146.4 | 156.8 | 146.0 | 139.7 |
| 5:09 | Furniture and fixture industries | 152.9 | 161.7 | 154.8 | 161.2 | 154.8 | 157.9 | 166.1 | 168.1 |
| 5:12 | Primary metal industries .................. | 153.0 | 150.7 | 148.6 | 156.4 | 163.5 | 171.8 | 127.1 | 140.2 |
| 5:13 | Metal fabricating iradustries (except machinery and transportation equipment industries) | 162.9 | 170.4 | 167.0 | 167.7 | 166.0 | 173.0 | 171.4 | 171.2 |
| 5:14 | Machinery industries (except electrical machinery) $\qquad$ | 198.7 | 215.5 | 201.6 | 202.3 | 211.4 | 214.5 | 214.9 | 221.0 |
| 5:15 | Transportation equipment industries ..... | 243.1 | 267.5 | 199.2 | 279.0 | 270.8 | 286.3 | 230.0 | 282.9 |
| 5:16 | Electrical products industries .. | 192.0 | 211.4 | 189.3 | 207.8 | 204.0 | 210.8 | 209.8 | 221.0 |
| 5:17 | Non-metallic mineral products industries | 139.1 | 143.0 | 155.1 | 141.8 | 119.2 | 148.6 | 159.1 | 145.1 |
| 6 | CONSTRUCTION INDUSTRY | 149.7 | 159.4 | 175.7 | 157.7 | 127.8 | 161.2 | 186.3 | 162.4 |
| 7:04 | ELECTRIC POWER, GAS AND WATER UTLLITIES | 174.4 | 190.4 | 151.3 | 188.1 | 214.9 | 179.2 | 164.0 | 203.5 |
| 572 | Electric power .................................. | 173.6 | 189.5 | 159.9 | 187.1 | 200.5 | 180.9 | 173.6 | 202.9 |
| 574 | Cas distribution ........................... | 211.4 | 235.4 | 109.9 | 234.4 | 366.6 | 200.1 | 121.5 | 253.3 |
| 7 | TRANSPORTATION, STORAGE AND COMMUNICATION . | 150.2 | 156.2 | 155.0 | 154.3 | 150.0 | 155.3 | 157.8 | 161.6 |
| 7:01 | Transportation ............................... | 153.0 | 156.6 | 159.8 | 156.0 | 149.9 | 157.0 | 159.9 | 159.6 |
| 501;502 | Air transport | 248.5 | 275.3 | 315.5 | 227.8 | 252.0 | 235.5 | 361.9 | 251.8 |
| 504;505 | Water transport ............................ | 144.9 | 137.2 | 167.8 | 158.1 | 94.6 | 151.4 | 150.0 | 152.7 |
| 506 | Railway transpur: . . . . . . . . . . . . . . . . . . . . | 156.1 | 155.8 | 154.4 | 159.3 | 155.4 | 162.8 | 145.9 | 159.1 |
| 508 | Bus transport, interurban and rural ..... | 157.3 | 168.6 | 208.1 | 133.3 | 138.5 | 163.4 | 217.6 | 154.9 |
| 509 | Urban transit systems . . . . . . . . . . . . . . . . . | 110.4 | 109.1 | 107.5 | 113.9 | 117.4 | 105.3 | 102.2 | 111.2 |
| 7:02 | Storage. | 107.6 | 112.7 | 101.6 | 115.1 | 99.6 | 113.6 | 119.4 | 118.3 |
| 524 | Grain elevaturs | 101.2 | 105.7 | 92.4 | 109.7 | 90.7 | 106.8 | 113.3 | 111.2 |
| 7:03 | Commuication . . . . . . . . . . . . . . . . . . . . . . . | 148.5 | 161.2 | 149.2 | 155.1 | 157.4 | 156.6 | 157.7 | 173.9 |


| S.I.C. | Industry or industry group | Without seasonal adjustment |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Annual averages |  | 1968 |  | 1969 |  |  |  |
|  |  | 1968 | 1969 | III | IV | I | II | III | IV |
| 8 | TRADE | 140.1 | 146.1 | 137.7 | 155.8 | 132.2 | 148.1 | 142.0 | 162.0 |
| 8:01 | WHOLESALE TRADE | 138.9 | 144.3 | 139.9 | 143.0 | 134.3 | 147.9 | 144.2 | 150.7 |
| - | Wholesale Merchants | 135.9 | 141.2 | 141.3 | 137.4 | 127.4 | 147.3 | 144.5 | 145.6 |
| . . | Automotive parts and accessories | 125.9 | . | 129.6 | 125.9 | . . | .. | . |  |
| , . | Drugs and drug sundries ... | 153.5 | . | 155.3 | 166.6 | . 。 | * | - | - |
| . . | Clothing, furnishings and other textiles | 101.1 | . | 112.4 | 102.5 | - | * | $\cdots$ | . |
| . . | Fresh fruits and vegetables ............. | 119.9 | . . | 121.7 | 119.8 | - | . | . | . |
| -- | Groceries and food specialties ........... | 133.9 | , | 138.2 | 139.9 | . | . | . | - |
| . . | Hardware | 112.5 | - | 116.6 | 112.7 | . | - | . | . |
| . . | Industrial and transportation equipment and supplies | 143.2 | . | 123.5 | 138.3 | . | $\ldots$ | . | $\ldots$ |
| 8:02 | RETAIL TRADE | 140.8 | 147.2 | 136.3 | 163.5 | 131.0 | 148.2 | 140.7 | 168.8 |
| . | Grocery and combination stores (chain) ..... | 134.7 | 145.3 | 130.6 | 141.0 | 141.4 | 147.6 | 135.4 | 156.7 |
| . . | Grocery and combination stores (independent) | 121.6 | 122.3 | 122.0 | 128.2 | 117.8 | 121.3 | 122.9 | 127.1 |
| -. | All other food stores ....................... | 126.7 | 130.5 | 126.8 | 132.1 | 123.3 | 135.1 | 129.5 | 134.1 |
| . . | Department stores | 141.0 | 153.5 | 132.2 | 191.7 | 123.9 | 143.9 | 139.0 | 207.2 |
| . . | General stores .. | 113.8 | 115.8 | 118.4 | 125.5 | 95.8 | 119.3 | 121.2 | 126.8 |
| - ${ }^{\text {- }}$ | Variety stores. | 175.1 | 200.4 | 168.7 | 254.4 | 132.2 | 189.6 | 191.9 | 288.1 |
| -. | Motor vehicle dealers | 164.1 | 166.9 | 151.0 | 167.5 | 163.0 | 193.3 | 152.0 | $159.1$ |
|  | Clothing stores .................................... | 121.0 | 124.0 | 111.2 | 153.6 | 104.4 | 124.2 | 111.7 | 155.6 |
| - | Shoe stores ... | 122.2 | $121.0$ | $119.6$ | $153.4$ | 90.0 | 125.3 | 116.6 | 152.3 |
| . . | Hardware stores .............................................. <br> Furniture, television, radio and appliance | 132.5 | 131.0 | 141.2 | 152.8 | 97.0 | 140.6 | 137.6 | 148.7 |
|  |  | 142.8 | 148.0 | 141.7 | 170.1 | 129.4 | 143.9 | 148.4 | 170.5 |
| $*$ | Diug stores | 155.6 | 161.1 | 151.7 | 171.2 | 157.5 | 154.0 | 154.7 | 178.0 |
| 3 | H:ENEE, INSURANCE AND REAL ESTATE | 130.6 | 136.1 | 132.4 | 131.7 | 132.3 | 135.8 | 138.2 | 138.2 |
| 10 | COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES | 144.1 | 152.4 | 147.5 | 146.1 | 147.3 | 151.7 | 156.5 | 154.0 |
| $10: 01$ | Education and related services ............... | 167.1 | 178.3 | 168.7 | 171.4 | 174.1 | 176.6 | 179.8 | 182.7 |
| $10: 02$ | Health and welfare services ................... | 132.7 | 136.3 | 134.2 | 133.7 | 134.4 | 136.3 | 137.6 | 137.0 |
| 10:04 | Motion picture and recreational services | 151.1 | 165.8 | 166.2 | 148.1 | 145.8 | 171.1 | 190.7 | 155.8 |
| 10:05 | Services to business management | 155.6 | 175.7 | 159.5 | 161.8 | 168.5 | 174.4 | 181.3 | 178.7 |
| 10:06 | Personal services ... | 123.4 | 125.9 | 128.9 | 122.4 | 120.5 | 126.0 | 132.4 | 124.9 |
| $874$ | Laundries, cleaners and pressers | 113.9 | 109.3 | 125.5 | 112.1 | 108.3 | 111.8 | 109.8 | 107.1 |
| 875 | Hotels, restaurants and taverns ........... | 127.8 | 131.5 | 136.1 | 126.1 | 123.4 | 131.4 | 141.4 | 129.8 |
| 11 | PUBLIC ADMINISTRATION AND DEFENCE . . . . . . . . . . . . | 120.1 | 119.3 | 124.4 | 118.0 | 116.5 | 119.7 | 123.0 | 118.1 |

SPECIAL INDUSTRY INDEXES:

| 1-6;7:04 | Goods-producing industries | 154.7 | 162.9 | 176.0 | 155.9 | 150.2 | 156.8 | 185.8 | 158.9 |
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| 2-6;7:04 | Goods-producing industries less Agriculture | 157.1 | 165.1 | 158.7 | 164.5 | 159.7 | 167.7 | 164.3 | 168.7 |
| 7:01-03;8-11 | Service-producing industries | 138.1 | 143.6 | 140.2 | 142.8 | 136.9 | 143.7 | 145.0 | 148.8 |
| (1) | Commercial industries | 147.1 | 154.3 | 158.9 | 150.8 | 144.0 | 151.3 | 166.5 | 155.5 |
| (1) | Comercial industries less Agriculture | 147.9 | 154.9 | 149.5 | 154.7 | 148.3 | 156.4 | 154.8 | 160.2 |
| (1) | Non-commercial industries | 135.9 | 139.8 | 139.3 | 136.3 | 136.2 | 139.4 | 142.9 | 140.8 |
| 4;5;7:04 | Index of Industrial Production ........... | 159.8 | 167.8 | 155.5 | 167.6 | 167.7 | 170.8 | 161.0 | 171.7 |

(1) The non-comercial industry group includes the following industries (S.I.C. code shown in brackets): Highway and bridge anintenance (516), Water systems and other utilities (576-9), Hospitals (821), Welfare organizations (828), Religious orgarizations (831), Private households (873), Education and related services (10-1), Miscellaneous services (10-7), Public aduinistration and defence (11); all other industries are considered to be comercial.



[^0]:    (1) The non-comercial industry group includes the following industries (S.I.C. code shown in brackets): Highway and bridge maintenance (516), Water systems and other utilities (576-9), Hospitals (82l), Welfare organizations (828), Religious orga= nizations (831), Private households (873), Education and related services (l0-1), Miscellaneous services (10-7), Public administration and defence (11); all other industries are considered to be comercial.

