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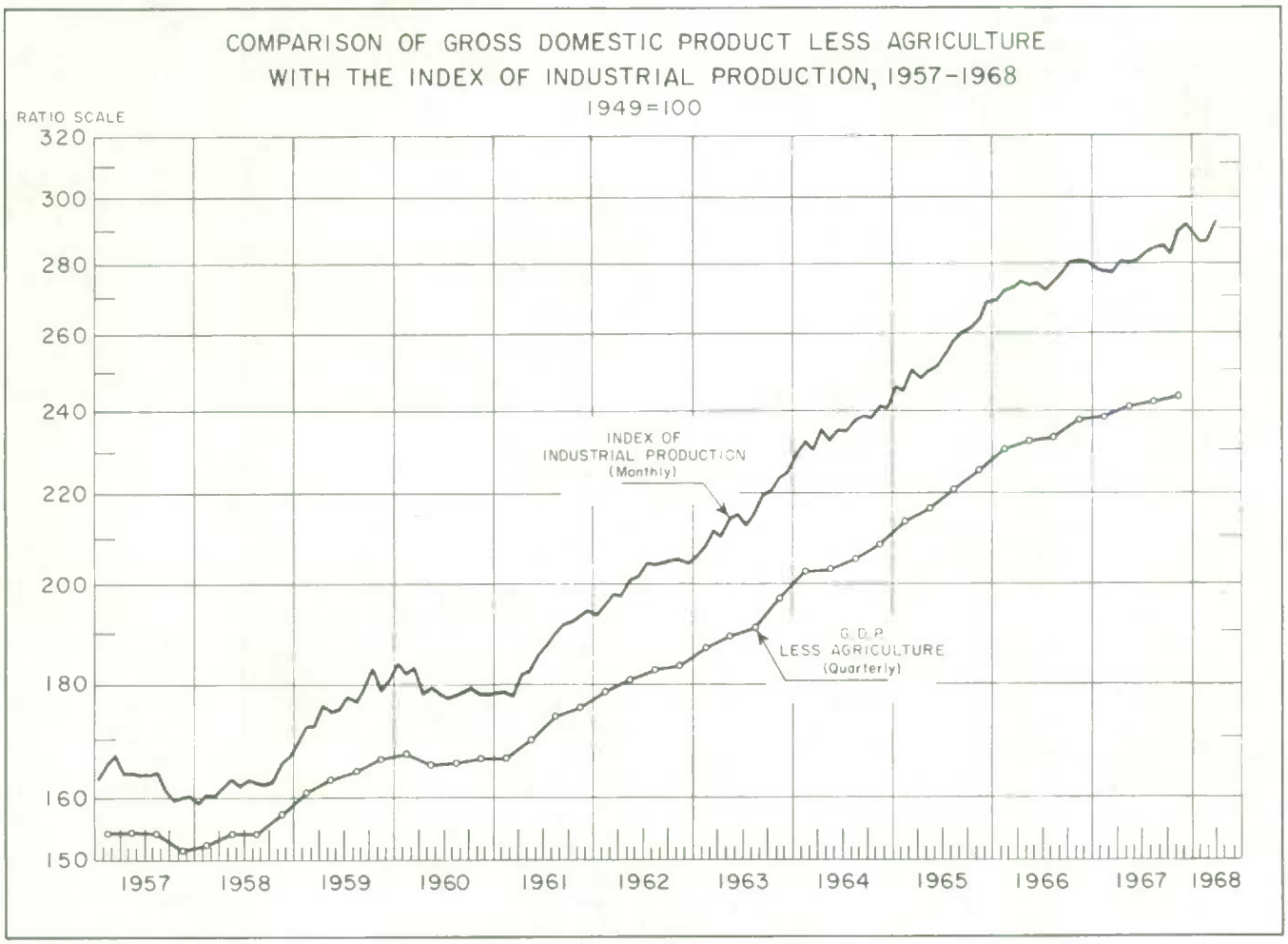
INDEX OF INDUSTRIAL PRODUCTION (1949=100)

APRIL 1968

The seasonally adjusted index of industrial production advanced by 2.2 per cent in April.



This issue contains indexes of non-agricultural real output for the latest available quarter (4th quarter 1967).

National Accounts, Production and Productivity Division
Industrial Output Section

June 1968
2205-502

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APRIL INDEX OF INDUSTRIAL PRODUCTION

The seasonally adjusted Index of Industrial Production rose by 2.2 percent in April, advancing to 291.5 from the revised March level of 285.3. All of the gain was due to the 3.2 percent growth in manufacturing as mining and electric power and gas utilities fell by 1.2 and 0.2 percent respectively. Within manufacturing most of the growth was due to the better than 6 percent gain in durables. Non-durables advanced by less than 1 percent.

While 5 of the 6 durables' major groups shared in the gain the vast majority of it was due to the 29 percent advance in transportation equipment. Virtually all of this gain was due to the gains of 40 percent and 45 percent in the motor vehicles and motor vehicles parts industries respectively as they recovered from low levels in the previous two months. These low levels were substantially due to labour disputes, as indicated in last month's report. Elsewhere in durables primary iron and steel advanced by 6 percent. A considerable part of this gain was due to increased exports to the U.S. with much of the rest attributable to increased pipe and tube production.

In non-durables 6 of the 11 major groups rose, advancing by amounts ranging from marginal to 5 percent. Paper products, (+5%), were, however, the major factor in the non-durables gain, with the bulk of it originating in the pulp and paper industry, which advanced by more than 6 percent. Beverages also rose sharply, (5%); largely due to a near 13 percent advance in distilleries that reversed the movement of the past two months.

The 1.2 percent decrease in mining was due to declines in metals and non-metals of 3 and 2 percent respectively, as fuels advanced fractionally. The major factor in the metals' drop was the near 10 percent decrease in iron ore.

In electric power and gas utilities, (-0.2%), a 10 percent decline in gas more than offset a 2 percent gain in electric power. The decline in gas was largely due to abnormally warm weather in Ontario.

NOTES TO USERS

1. The Real Domestic Product by industry measurement system (including the Index of Industrial Production) is about to be released on a revised basis, incorporating a new weight and reference base period (1961), the new (1960) Standard Industrial Classification, and more up to date comprehensive annual levels. The entire back record up to the end of 1967 will be made available in a new occasional paper entitled "Indexes of Real Domestic Product by Industry - (1961 Base)", D.B.S. Cat. No. 61-506 and will be updated, as in the past, in the regular monthly issues of this report, D.B.S. Cat. No. 61-005.

Because of the revision the first quarter 1968 Real Domestic Product data, which would normally be found in this April issue, are not available at this time.

2. The figures in tables 1 and 2 may not reconcile with those on the Index of Industrial Production in table 3 because of small revisions to December which have not been incorporated in the latter table.

TABLE 1. Seasonally Adjusted Index of Industrial Production

(1949=100)

Industry or industry group	1949 percentage weights	Seasonally adjusted					
		1967		1968			
		Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
INDEX OF INDUSTRIAL PRODUCTION	32.231	289.4	291.7	288.2	285.1	285.3	291.5
MINING	3.245	425.7	440.7	422.8	435.3	439.6	434.3
Metals	1.925	287.3	297.2	281.2	289.6	291.9	282.8
Gold	0.575	60.6	64.8	58.6	61.0	67.1	59.6
Copper	0.352	221.9	235.4	222.5	235.0	240.4	241.9
Iron ore	0.099	1,614.8	1,688.2	1,533.1	1,590.3	1,699.4	1,535.7
Nickel	0.333	208.4	199.4	190.5	197.0	188.3	200.8
Non-metals	0.268	450.4	486.5	481.4	514.0	509.4	498.9
Asbestos	0.189	280.7	295.3	278.8	275.8	275.9	279.2
Fuels	0.915	706.5	726.9	706.7	714.2	727.3	730.2
Coal	0.553	55.2	49.9	46.0	49.2	52.5	55.2
Natural gas	0.035	1,760.0	1,644.9	1,667.4	1,614.4	1,687.8	1,714.9
Petroleum	0.327	1,695.2	1,773.6	1,721.3	1,742.3	1,765.7	1,766.4
MANUFACTURING, TOTAL	27.340	256.3	257.1	253.1	248.4	249.1	257.0
NON-DURABLE MANUFACTURES	14.742	249.0	247.1	247.1	250.0	253.9	255.3
Foods and beverages	3.814	214.2	217.2	219.1	221.2	224.5	225.0
Foods	2.896	200.6	201.9	200.7	206.4	210.6	206.7
Meat products	0.523	209.1	212.9	208.2	223.2	227.0	221.9
Dairy products	0.450	206.3	210.8	210.0	211.9	214.4	214.4
Canning and processing	0.453	213.1	203.7	210.8	222.8	224.3	227.8
Grain mill products	0.322	214.8	231.6	213.3	209.5	219.1	204.8
Bakery products	0.558	158.6	157.4	157.1	155.4	157.0	157.3
Miscellaneous foods	0.590	211.3	209.6	213.4	221.3	228.7	218.8
Beverages	0.918	257.0	265.8	277.3	267.7	268.4	282.7
Carbonated beverages	0.231	281.1	274.1	284.9	280.1	302.4	318.5
Breweries	0.463	209.7	220.6	193.6	206.0	225.5	226.9
Distilleries	0.203	340.5	364.0	461.6	394.2	328.4	370.0
Tobacco and tobacco products	0.248	263.3	255.5	259.1	257.1	260.0	253.3
Rubber products	0.430	261.0	270.5	259.9	241.9	283.7	235.8
Leather products	0.508	138.1	136.0	133.3	137.7	140.5	139.0
Boots and shoes	0.307	143.5	139.3	135.8	143.4	147.4	142.0
Textiles	1.623	250.5	232.6	233.9	236.6	250.4	250.5
Cotton goods	0.507	142.5	129.3	122.0	134.8	126.7	124.8
Woollen goods	0.300	80.9	79.9	81.5	82.8	99.6	92.5
Synthetic textiles and silk	0.429	513.7	465.2	475.3	468.7	517.3	523.9
Clothing	1.801	172.5	176.1	172.0	171.1	174.4	173.3
Paper products	2.649	218.7	214.1	215.5	221.3	222.5	234.0
Pulp and paper	2.108	210.8	205.5	208.1	213.3	216.1	229.4

TABLE 1. Seasonally Adjusted Index of Industrial Production - Concluded

(1949=100)

Industry or industry group	1949 percentage weights	Seasonally adjusted					
		1967		1968			
		Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
NON-DURABLE MANUFACTURES - Concluded:							
Printing, publishing and allied industries	1.273	254.4	248.0	246.3	249.6	256.6	253.9
Products of petroleum and coal	0.513	396.1	394.5	381.4	413.3	400.1	412.4
Petroleum products	0.454	431.0	429.0	414.3	447.7	432.6	447.1
Chemicals and allied products	1.359	397.1	397.9	404.5	405.8	398.4	404.0
Acids, alkalies, salts and fertilizers	0.346	544.0	538.3	547.8	561.3	555.8	584.1
Miscellaneous manufactures	0.524	462.9	466.6	465.9	467.0	467.8	474.7
DURABLE MANUFACTURES	12.598	264.8	268.9	260.2	246.6	243.5	259.0
Wood products	2.108	184.8	183.9	182.2	182.6	183.9	185.0
Saw and planing mills	1.444	185.6	184.8	183.1	184.2	186.0	187.2
Veneers and plywoods	0.122	436.2	410.2	406.5	407.5	426.6	437.5
Sawmills	0.994	184.2	186.3	183.8	185.9	186.1	186.0
Furniture	0.460	225.9	224.5	222.2	219.7	219.7	221.2
Iron and steel products	4.026	256.8	260.5	260.3	256.7	251.3	252.5
Machinery	0.851	267.7	269.9	267.5	266.5	266.6	267.1
Iron castings	0.387	282.4	287.0	278.6	254.9	257.9	254.0
Primary iron and steel	0.845	334.6	350.8	362.8	363.0	339.1	359.4
Sheet metal products	0.359	291.2	295.0	300.7	297.7	293.4	290.2
Transportation equipment	2.651	309.8	332.5	305.9	231.3	224.3	289.8
Aircraft and parts	0.203	534.8	533.8	517.5	504.2	491.0	498.9
Motor vehicles	1.035	445.9	502.1	435.7	300.4	294.8	413.7
Motor vehicle parts	0.462	346.0	360.1	375.7	257.5	237.7	344.1
Railway rolling stock	0.621	55.1	52.3	50.3	49.9	49.6	50.2
Shipbuilding and repairs	0.261	154.9	145.2	135.4	138.7	136.7	135.1
Non-ferrous metal products	1.601	204.2	201.0	203.7	208.1	204.9	209.9
Brass and copper products	0.241	165.9	157.4	162.9	166.0	168.3	168.3
Smelting and refining	1.028	207.6	206.4	207.7	213.9	209.5	217.7
Electrical apparatus and supplies	1.418	381.7	370.0	359.5	373.9	372.2	370.2
Heavy electrical machinery	0.489	275.0	275.0	264.1	258.7	259.4	255.7
Telecommunication equipment	0.142	1,134.1	1,037.7	1,008.6	1,179.3	1,212.9	1,234.0
Refrigerators and appliances	0.227	368.0	351.0	341.6	337.5	324.0	306.1
Non-metallic mineral products	0.794	281.0	281.0	250.0	267.2	273.6	285.1
Concrete products	0.098	818.2	794.2	705.9	800.3	803.1	826.3
Hydraulic cement	0.117	274.0	298.1	180.6	212.2	254.9	303.6
Domestic clay products	0.083	144.6	142.6	131.3	143.4	151.3	144.2
ELECTRIC POWER AND GAS UTILITIES	1.646	571.7	572.9	605.9	596.9	583.0	582.1
Electric power	1.480	518.8	520.5	542.1	543.5	528.2	539.2
Gas	0.166	1,044.1	1,040.2	1,175.2	1,073.3	1,071.8	964.4

TABLE 2. Index of Industrial Production, without Seasonal Adjustment

(1949=100)

Industry or industry group	Annual averages		Without seasonal adjustment					
			1967			1968		
	1966	1967	Feb.	Mar.	Apr.	Feb.	Mar.	Apr.
INDEX OF INDUSTRIAL PRODUCTION	275.1	282.7	281.2	279.3	283.8	288.4	288.3	293.7
MINING	393.6	419.5	393.9	392.3	401.8	426.2	429.8	432.8
Metals	256.0	273.0	253.3	261.3	266.3	270.1	275.5	283.8
Gold	73.9	67.2	74.4	67.6	70.8	61.7	65.6	63.0
Copper	192.9	227.8	213.4	221.5	228.4	225.6	229.6	241.9
Iron ore	1,322.7	1,386.7	1,070.4	1,091.0	1,183.7	1,240.4	1,359.5	1,357.5
Nickel	185.6	193.5	177.2	186.7	202.3	193.8	199.2	218.9
Non-metals	405.3	443.4	387.6	389.6	432.1	474.7	496.9	497.5
Asbestos	293.4	284.8	273.7	278.8	299.7	269.5	290.3	294.3
Fuels	665.7	720.8	713.3	686.2	684.1	761.5	751.9	737.3
Coal	54.6	54.9	60.5	57.4	51.2	54.6	55.2	52.6
Natural gas	1,598.0	1,778.0	1,963.0	1,938.4	1,785.6	1,821.0	1,858.3	1,774.9
Petroleum	1,599.4	1,721.3	1,683.6	1,615.6	1,636.6	1,843.4	1,811.6	1,784.1
MANUFACTURING, TOTAL	247.2	250.0	246.3	246.8	253.1	247.4	250.2	258.8
NON-DURABLE MANUFACTURES	240.4	244.9	240.7	238.3	244.3	249.3	252.8	252.4
Foods and beverages	204.9	213.2	182.9	187.2	199.5	195.9	203.1	207.9
Foods	196.4	201.6	179.1	179.8	185.8	184.0	190.6	187.2
Meat products	193.4	208.6	198.1	201.1	216.8	217.1	224.7	217.7
Dairy products	202.2	208.9	179.2	184.3	203.7	182.0	199.0	207.8
Canning and processing	216.0	212.3	128.3	126.1	127.9	132.6	135.6	142.2
Grain mill products	207.3	215.5	217.9	214.8	216.8	220.8	231.2	199.6
Bakery products	155.7	157.5	149.2	151.0	151.8	148.4	149.4	150.5
Miscellaneous foods	212.0	215.7	208.0	207.0	204.3	209.0	213.0	206.8
Beverages	231.7	249.8	194.9	210.5	242.8	233.7	242.6	273.3
Carbonated beverages	221.0	254.4	225.8	179.6	213.9	274.5	241.9	279.9
Breweries	201.8	212.6	167.7	190.3	226.0	168.5	213.8	237.3
Distilleries	312.9	329.7	221.5	293.3	319.1	339.0	313.0	355.2
Tobacco and tobacco products	258.1	260.8	283.3	268.7	274.7	271.5	267.0	253.8
Rubber products	258.5	255.3	284.3	246.0	274.4	286.8	300.8	244.3
Leather products	137.9	132.1	146.4	138.4	135.5	153.7	153.4	143.3
Boots and shoes	139.9	136.5	159.7	148.1	143.1	166.4	167.6	150.2
Textiles	233.1	234.7	238.7	233.8	243.6	253.5	257.5	247.0
Cotton goods	140.8	144.2	156.5	149.8	167.7	154.6	135.1	116.2
Woollen goods	92.1	82.6	88.2	83.1	77.9	80.9	97.1	85.1
Synthetic textiles and silk	440.5	451.6	451.0	445.2	467.6	513.7	536.9	527.0
Clothing	179.2	171.9	177.6	178.1	172.5	173.0	176.2	173.5
Paper products	216.1	217.7	224.2	215.8	218.5	226.2	227.5	231.9
Pulp and paper	210.2	210.7	223.0	212.0	213.7	224.0	225.4	228.7

TABLE 2. Index of Industrial Production, without Seasonal Adjustment - Concluded

(1949=100)

Industry or industry group	Annual averages		Without seasonal adjustment					
			1967			1968		
	1966	1967	Feb.	Mar.	April	Feb.	Mar.	April
NON-DURABLE MANUFACTURES - Concluded:								
Printing, publishing and allied industries	239.7	249.5	247.6	250.4	259.4	251.2	265.4	264.7
Products of petroleum and coal	371.6	387.0	378.6	386.2	346.6	423.3	414.0	404.9
Petroleum products	404.5	421.9	413.2	421.8	376.5	459.3	448.2	438.2
Chemicals and allied products	377.5	390.3	397.0	391.4	408.7	416.4	405.8	421.0
Acids, alkalies, salts and fertilizers	516.3	544.9	557.1	564.8	562.7	587.1	574.1	616.9
Miscellaneous manufactures	448.8	461.0	445.9	448.4	453.1	446.4	455.2	463.8
DURABLE MANUFACTURES	255.2	256.0	252.8	256.9	263.4	245.3	247.2	266.3
Wood products	189.2	187.7	197.1	194.2	192.8	189.5	191.2	179.5
Saw and planing mills	187.3	187.0	201.8	197.2	195.3	196.0	197.9	180.9
Veneers and plywoods	428.1	432.5	451.0	444.1	483.4	440.1	455.1	476.7
Sawmills	183.7	185.1	205.5	199.2	192.0	201.0	201.4	174.3
Furniture	235.5	231.7	228.2	228.3	228.4	216.4	216.4	215.9
Iron and steel products	253.1	248.4	248.5	256.0	257.3	250.0	256.5	256.2
Machinery	275.4	275.1	280.1	278.8	280.0	263.3	263.4	263.9
Iron castings	213.0	223.5	228.7	247.8	245.7	259.5	287.5	271.2
Primary iron and steel	324.8	317.1	309.2	338.6	334.7	349.2	359.5	375.9
Sheet metal products	289.1	292.6	277.1	281.0	285.3	278.1	279.3	284.6
Transportation equipment	273.8	286.6	285.6	287.6	306.3	245.3	243.7	330.4
Aircraft and parts	423.6	501.0	497.5	503.4	497.6	516.3	508.2	508.9
Motor vehicles	372.3	392.6	396.6	402.9	454.5	330.4	336.1	510.5
Motor vehicle parts	345.6	344.4	328.8	322.3	325.4	270.4	247.9	352.3
Railway rolling stock	60.5	59.1	63.1	63.3	61.7	49.1	48.8	49.4
Shipbuilding and repairs	170.1	157.7	158.7	161.7	149.2	135.5	143.1	144.6
Non-ferrous metal products	195.7	201.6	201.4	202.6	206.7	207.0	208.0	217.6
Brass and copper products	181.2	167.5	172.0	174.5	171.7	167.1	171.0	169.8
Smelting and refining	191.9	203.8	202.7	204.2	212.0	213.9	215.3	230.8
Electrical apparatus and supplies	368.8	371.5	360.4	373.0	375.8	371.4	363.1	361.5
Heavy electrical machinery	272.0	264.5	218.0	272.2	271.9	259.0	256.6	255.0
Telecommunication equipment	1,051.6	1,092.3	1,091.2	963.3	1,002.0	1,168.7	1,111.0	1,129.1
Refrigerators and appliances	352.5	345.2	355.1	367.1	369.4	337.5	340.8	326.0
Non-metallic mineral products	296.3	278.0	225.0	226.8	252.2	221.4	231.5	262.9
Concrete products	878.6	777.2	516.6	557.4	674.4	551.4	604.7	743.7
Hydraulic cement	320.8	282.9	177.2	194.8	230.0	141.4	190.4	262.9
Domestic clay products	145.3	135.5	115.6	98.4	137.1	115.2	131.6	137.7
ELECTRIC POWER AND GAS UTILITIES	504.2	555.5	638.7	596.4	561.2	697.3	643.3	598.2
Electric power	464.2	506.2	546.4	523.8	496.2	591.3	559.9	538.7
Gas	861.1	994.7	1,461.8	1,243.6	1,140.9	1,642.1	1,387.0	1,128.3

Real Domestic Product less Agriculture

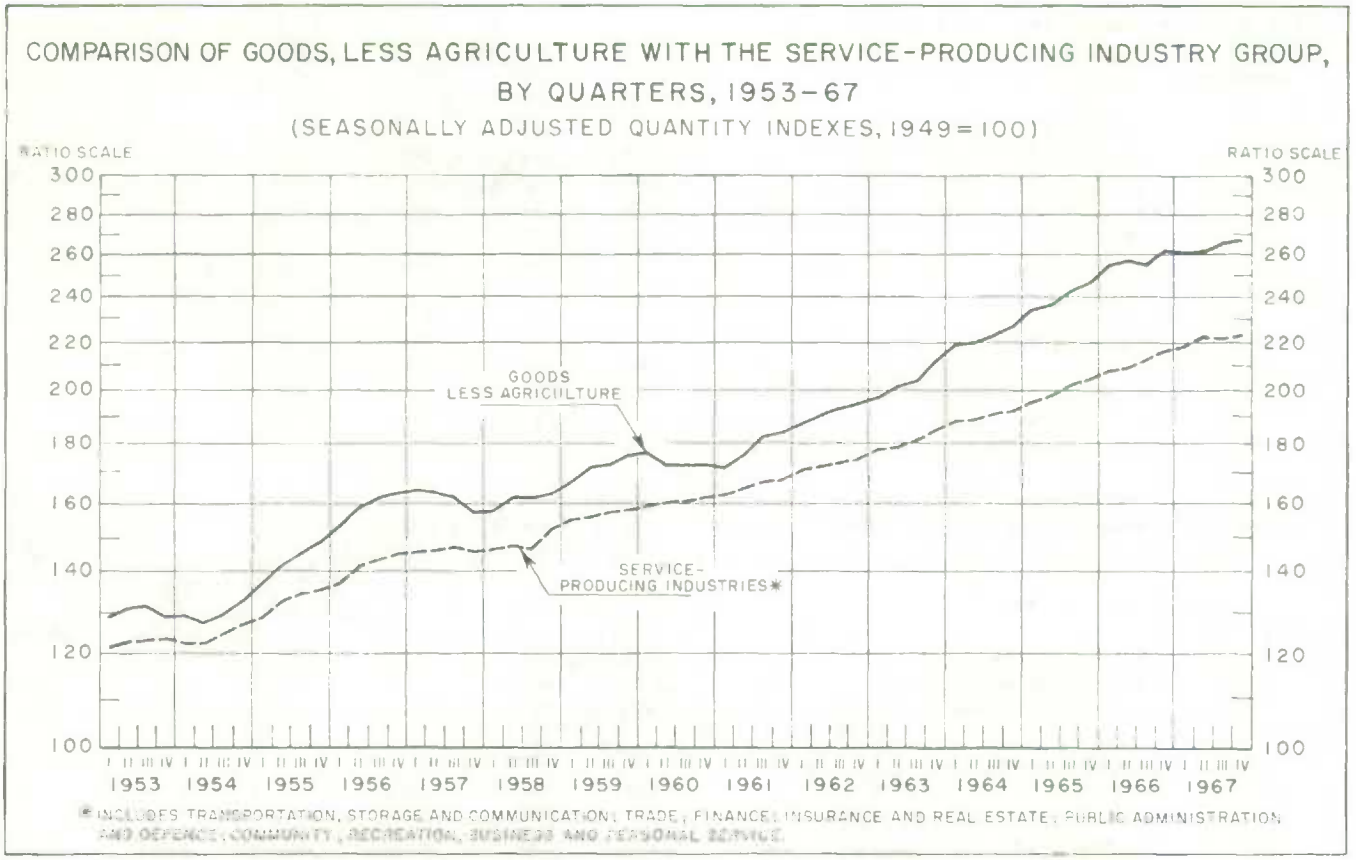
Note to Users

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



Real Domestic Product less Agriculture, Fourth Quarter, and the Year, 1967(1)

Seasonally adjusted real domestic product less agriculture increased by 0.6 per cent in the fourth quarter of 1967, advancing to 243.6 from the revised third-quarter level of 242.1. More than 60 per cent of this increase came from manufacturing, with 30 per cent contributed by transportation, storage and communication, and more than 20 per cent from finance, insurance and real estate. The non-agricultural goods-producing industries rose by 0.5 per cent, and the service-producing industries went up by 0.7 per cent.

Non-agricultural real output rose by 3.1 per cent during 1967, compared to the 6.7 per cent expansion that was recorded for 1966. The rate of growth for 1967 is also considerably less than the average annual rate of growth of 4.8 per cent that took place in the 1946 to 1966 period. Several of the major industry groupings showed increases that were well below their post-war average rates of growth. Manufacturing, for example, increased by only 1.1 per cent in 1967 compared to 4.9 per cent in the same period, while construction fell by several percentage points from its 1966 level. Of the major industry groupings that rose, the transportation, storage and communication grouping registered the most significant increase, rising to 5.8 per cent from 4.8 per cent during 1946 to 1966.

Production by Industry, Fourth Quarter, 1967

Within the goods-producing industries, manufacturing rose by 1.3 per cent, with more than half of the gain coming from the manufacture of durables, which was up 1.5 per cent, while non-durables increased by 1.1 per cent. Within durables' manufacturing, the iron and steel products group expanded by 5 per cent. The major factors in this expansion were the primary iron and steel and the iron castings components, which advanced by 10 per cent and 24 per cent, respectively. In both cases manufacture of pipe was the major cause of the gains. Production of motor vehicles also rose, by 2 per cent, as gains in November and December offset the October decline which was attributable to the effects of labour disputes in the U.S. industry. Within non-durables' manufacturing, all groups increased, with the exception of rubber products, by amounts ranging from 1 to 4 per cent. The clothing and textile products groups between them accounted for more than half of the total increase in non-durables' manufacturing.

Mining rose by 1.3 per cent, with gains of 7 per cent in metal mining and 1 per cent in non-metal mining being partially offset by a 4 per cent decline in fuel mining. The main factor in the metal mining increase was a 22 per cent advance in iron ore. Crude petroleum accounted for the fuel mining decline, falling from an unusually high third-quarter level.

Electric power and gas utilities increased by 0.5 per cent in the fourth quarter, whereas forestry declined by 5.5 per cent, because of decreased cuttings of pulpwood and other types of wood.

Construction declined by about 2 per cent, with a drop in public construction partially offset by an increase in private construction.

Within the service-producing industries, transportation, storage and communication rose by 1.9 per cent, with transportation expanding by 2 1/2 per cent, and communication by 1/2 per cent, while storage was only slightly higher than its third-quarter level. Within transportation, water transportation provided the main strength by recovering from the strike effects of the previous quarter. Air transport was also strong (up 4 per cent), as was transportation by pipelines (up 3 per cent, because of gas pipelines). Passenger transport showed the major weakness, reflecting the urban transit strike in Montreal which lasted from September 21 to October 21 and the lack of EXPO traffic in the last two months of the quarter. Railway transport was also down, by 1/2 per cent, due to a fractional decline in the freight component and a much larger decline in the passenger component, which was also affected by the post-EXPO period. Within communication, the telephone component rose by 2 per cent.

The finance, insurance and real estate grouping rose by 1.4 per cent, with more than half of this increase coming from the rents component.

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(1) It should be noted that the movements shown here may not always coincide with constant price gross national expenditure data in the quarterly national income and expenditure accounts, due to coverage and conceptual differences. Among these differences are the exclusion of agriculture from the real domestic product data, factor cost versus market price valuation, and the use of domestic versus national boundaries.

Wholesale and retail trade increased by 0.9 per cent, with retail trade 0.6 per cent higher than its third-quarter level, and wholesale trade, 1.3 per cent higher. Within retail trade, almost all of the components showed relatively small movements. Farm implement dealers was the only store-type to record a large increase, of 10 per cent, which represented a partial recovery from a very low third-quarter level. Within wholesale trade, movements were mixed. The groceries and food specialties component increased by 1 per cent, while the construction materials and supplies component decreased by 1 per cent.

The community, recreation, business and personal service grouping declined by 1.3 per cent over the third quarter of 1967, mainly because of a drop of 4 1/2 per cent in the personal service group. This drop was concentrated in the restaurants and the hotels, motels and lodging houses components, which reflected the closing of EXPO at the end of October. Continued advances in the education and health components resulted in a 1/2 per cent increase in the community group.

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

	Real domestic product, less agriculture	Forestry	Fishing and trapping	Mining				Manufacturing	
				Total	Metals	Non-metals	Fuels	Total	Non-durable manufacturing
									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
2	203.1	153.3	115.9	350.1	252.6	309.6	558.8	210.7	210.2
3	205.4	166.4	119.7	341.4	239.1	320.4	553.1	214.0	211.2
4	208.5	156.3	136.9	347.8	236.4	324.9	575.5	216.2	216.7
1965 - 1	213.4	168.6	124.4	359.4	253.9	353.2	570.2	223.0	218.7
2	216.4	174.0	117.1	355.7	240.2	366.3	582.6	226.5	220.3
3	220.7	155.0	116.8	372.8	248.5	384.6	618.2	232.6	226.2
4	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
2	232.6	180.0	130.3	398.0	261.4	401.7	670.0	246.1	240.0
3	233.1	168.5	141.3	386.6	242.2	406.8	670.3	247.1	239.9
4	237.4	172.3	131.3	407.0	263.5	397.2	702.7	250.8	243.7
1967 - 1	238.2	185.3	134.1	405.2	275.3	412.3	673.8	246.9	242.0
2	241.0	175.7	122.1	417.0	267.9	456.3	718.4	248.0	244.1
3	242.1	179.8	134.8	425.5	265.5	465.5	754.9	250.5	244.9
4	243.6	170.0	131.3	430.9	285.0	470.9	724.2	253.7	247.5
	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
1967	240.9	178.8	129.9	419.1	272.6	411.5	720.1	250.0	244.9
1964 - 1	191.1	138.5	78.6	337.9	232.9	272.1	591.8	203.3	200.4
2	206.1	135.9	118.3	350.7	264.1	317.4	530.1	215.8	212.1
3	208.7	195.7	168.2	348.8	253.6	319.0	530.6	209.8	213.1
4	213.4	166.9	129.2	348.2	232.2	342.8	578.1	218.7	219.3
1965 - 1	202.3	144.3	74.7	351.5	233.8	326.3	619.9	218.6	212.1
2	219.2	151.5	118.1	356.2	252.4	376.7	551.6	231.8	222.1
3	223.2	184.9	163.7	379.1	261.2	381.9	594.7	227.3	227.3
4	231.1	161.0	125.2	375.6	250.9	423.7	605.0	242.7	234.8
1966 - 1	219.3	147.7	74.5	374.8	239.9	390.0	664.0	241.2	231.5
2	235.6	164.8	124.8	399.2	274.0	409.4	641.6	251.6	241.9
3	236.0	198.6	198.6	392.9	251.2	405.6	653.7	241.4	241.1
4	243.5	176.3	136.6	407.5	259.1	416.0	703.6	254.7	247.1
1967 - 1	225.9	168.1	86.3	395.0	252.7	388.2	716.7	243.2	235.4
2	244.3	164.6	114.3	420.5	279.6	464.6	701.1	254.8	247.2
3	243.4	211.4	189.2	427.8	274.2	431.0	738.5	244.9	246.0
4	250.2	171.1	129.9	433.0	284.0	491.2	724.3	257.3	251.1

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	182.3	214.0	225.7	135.3	197.5	159.9	182.2	202.6
2	184.2	230.2	234.6	138.3	204.3	163.0	184.1	214.1
3	184.7	240.2	229.0	138.7	205.0	164.3	187.4	201.7
4	190.9	241.1	235.3	137.1	206.4	166.8	192.0	209.8
1965 - 1	192.4	241.3	230.2	135.5	211.1	167.0	194.5	216.8
2	189.6	240.8	227.4	132.9	213.5	168.9	196.1	219.2
3	195.2	238.9	234.9	134.9	228.3	172.1	199.9	223.4
4	197.6	248.1	253.3	137.5	229.3	177.2	202.7	233.9
1966 - 1	201.3	264.9	264.1	137.5	233.6	177.3	213.6	237.5
2	204.8	250.8	254.0	139.6	227.4	180.2	217.0	240.5
3	205.3	249.4	257.8	137.6	228.4	177.8	216.4	241.3
4	207.6	266.2	259.1	136.9	241.5	181.8	217.3	239.3
1967 - 1	209.0	268.0	238.4	129.6	223.1	173.7	219.8	246.9
2	213.4	258.8	242.6	128.6	236.4	171.9	214.8	250.4
3	215.1	253.7	272.0	133.2	232.5	169.4	216.7	249.3
4	215.9	259.1	269.1	136.7	240.0	172.8	217.6	250.6
	Without seasonal adjustment							
1964	185.6	232.1	232.8	137.3	203.3	163.4	186.3	207.4
1965	193.1	243.4	237.4	135.2	220.6	171.2	198.3	223.3
1966	204.9	258.1	258.5	137.9	233.1	179.2	216.1	239.7
1967	213.2	260.8	255.3	132.1	234.8	172.0	217.7	249.5
1964 - 1	158.5	212.1	235.0	144.7	201.8	164.7	176.8	198.8
2	183.3	245.7	250.9	139.1	210.1	160.2	185.2	221.4
3	205.0	228.9	203.1	128.8	189.6	167.7	188.2	194.4
4	195.6	241.7	242.2	136.6	211.5	161.0	194.9	215.2
1965 - 1	166.5	239.3	238.9	144.5	216.1	171.9	189.7	212.3
2	188.1	257.3	243.0	133.4	220.1	165.9	196.8	227.6
3	214.8	228.2	206.3	126.0	211.4	175.2	200.6	213.7
4	203.0	248.9	261.4	137.0	234.9	171.9	206.2	239.7
1966 - 1	175.8	267.8	276.4	146.3	238.9	180.8	210.3	233.4
2	202.4	266.9	267.5	140.0	231.8	177.9	219.0	249.6
3	228.2	233.9	220.2	128.8	213.3	180.4	216.5	229.8
4	213.0	263.9	269.9	136.4	248.3	177.8	218.7	246.0
1967 - 1	181.6	271.5	250.6	138.0	228.5	176.1	216.8	242.8
2	211.7	278.8	257.2	130.8	242.1	169.8	218.7	259.7
3	238.1	235.8	231.8	124.0	221.7	171.1	216.6	237.6
4	221.6	257.1	281.5	135.5	246.8	170.9	218.7	257.9

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

	Manufacturing							
	Non-durable manufacturing			Durable manufacturing				
	Products of petroleum and coal	Chemicals and allied products	Miscellaneous manufacturing	Total	Wood products	Iron and steel products	Transportation equipment	Non-ferrous metal products
1949 Weights	0.513	1.359	0.524	12.598	2.108	4.026	2.651	1.601
	Seasonally adjusted							
1964 - 1	327.3	306.7	376.5	209.0	175.8	206.7	218.1	168.4
2	329.8	303.6	383.8	211.2	171.4	212.2	215.0	173.9
3	327.7	313.4	391.0	217.4	174.4	216.0	229.5	174.0
4	335.3	328.7	393.9	215.6	175.9	226.5	191.2	180.3
1965 - 1	342.1	326.5	397.0	228.0	177.0	229.6	234.3	182.4
2	344.8	339.9	403.7	233.7	180.1	236.0	243.3	183.8
3	350.6	346.9	411.7	240.1	180.0	243.5	256.2	188.1
4	345.7	364.7	415.9	248.1	190.6	247.6	269.8	192.8
1966 - 1	357.2	376.3	430.7	252.8	188.8	256.0	272.0	195.4
2	373.7	379.4	444.4	253.2	191.8	252.5	265.8	197.6
3	371.1	376.0	455.2	255.6	188.8	251.7	275.5	191.5
4	384.3	378.1	463.3	259.1	187.1	252.4	281.6	197.6
1967 - 1	375.7	389.6	463.1	252.6	188.4	251.4	261.3	201.3
2	379.5	391.5	463.3	252.5	190.8	248.0	276.6	201.5
3	391.2	389.6	455.2	257.1	187.3	240.5	301.4	201.5
4	396.6	392.8	462.8	261.0	182.8	252.5	304.2	202.2
	Without seasonal adjustment							
1964	330.1	312.7	386.5	212.7	174.3	215.2	210.5	174.2
1965	345.9	344.7	407.3	237.2	181.7	239.1	250.0	186.9
1966	371.6	377.5	448.8	255.2	189.2	253.1	273.8	195.7
1967	387.0	390.4	461.1	256.1	187.7	248.4	286.7	201.6
1964 - 1	333.3	305.9	363.3	206.7	177.1	199.9	233.6	168.3
2	314.0	314.9	375.2	220.1	171.3	219.6	248.1	175.5
3	333.9	304.5	398.8	206.0	182.5	216.1	161.9	170.2
4	339.1	325.4	408.7	217.9	166.4	225.1	198.2	182.7
1965 - 1	349.4	326.1	382.6	226.2	178.5	222.3	254.7	182.5
2	327.5	352.2	394.6	243.2	179.9	244.0	278.7	185.7
3	356.3	336.0	420.7	227.4	187.9	243.3	184.3	183.5
4	350.2	364.5	431.3	251.9	180.6	246.6	282.3	195.8
1966 - 1	362.4	376.8	415.2	252.5	190.5	249.4	300.1	194.9
2	357.9	394.2	436.4	262.9	192.0	260.5	300.9	200.2
3	378.3	360.4	466.1	241.7	194.9	252.0	201.4	186.2
4	387.8	378.6	477.4	263.7	179.3	250.4	292.8	201.4
1967 - 1	385.0	389.6	446.3	252.3	190.1	246.2	285.9	199.5
2	364.1	409.0	455.1	263.8	192.2	255.7	319.5	204.3
3	398.8	371.3	466.4	243.6	193.4	241.3	230.4	196.4
4	400.0	391.6	476.4	264.5	175.1	250.3	311.0	206.1

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

	Manufacturing		Con-struction	Electric power and gas utilities	Transportation, storage and communication			Trade	
	Durable manufacturing								
	Electrical apparatus and supplies	Non-metallic mineral products			Total	Transpor-tation	Storage	Total	Whole-sale
1949 Weights ...	1.418	0.794	6.379	1.646	8.363	6.528	0.230	14.562	4.995
	Seasonally adjusted								
1964 - 1	265.9	259.5	195.8	390.3	204.6	191.9	233.7	184.7	199.9
2	273.3	263.2	181.7	401.2	208.9	195.8	259.4	181.9	195.5
3	283.9	266.3	183.5	413.4	210.7	197.1	252.7	183.8	195.4
4	292.1	282.3	199.1	422.4	213.8	201.0	215.4	185.6	197.7
1965 - 1	307.3	284.2	203.9	434.5	217.0	203.9	208.8	191.1	211.2
2	318.6	281.5	207.6	436.5	220.6	207.9	224.2	195.5	213.6
3	321.3	288.9	211.9	448.8	226.8	214.4	241.1	199.4	218.2
4	331.1	293.5	219.6	473.6	231.9	219.0	241.1	203.6	224.7
1966 - 1	338.2	305.7	225.8	488.2	235.5	223.7	237.6	206.3	223.3
2	359.1	300.3	227.9	498.8	242.3	230.3	255.1	202.7	222.4
3	378.0	296.6	217.4	510.1	240.2	226.8	254.0	207.0	226.0
4	396.9	286.5	221.2	521.2	250.3	236.7	255.5	209.6	230.2
1967 - 1	379.9	275.4	225.2	539.7	252.1	239.5	240.8	207.8	221.1
2	354.1	279.5	223.5	552.5	259.7	247.2	265.3	215.6	231.0
3	378.0	274.2	224.6	564.8	254.5	239.6	231.0	214.4	231.6
4	375.8	280.9	220.4	567.6	259.3	245.3	231.3	216.3	234.6
	Without seasonal adjustment								
1964	279.1	268.2	190.4	405.7	209.3	196.4	239.6	183.8	197.2
1965	319.2	286.9	211.2	448.3	224.8	212.2	230.4	197.6	217.1
1966	368.8	296.3	226.0	504.2	242.5	229.8	251.4	206.3	225.3
1967	371.5	278.0	218.0	554.6	256.5	243.0	241.9	213.5	229.2
1964 - 1	262.8	206.5	127.5	439.5	186.4	169.6	196.8	170.0	202.3
2	266.8	266.1	188.1	387.6	213.0	202.1	257.6	188.4	206.2
3	278.9	305.6	230.2	357.0	222.6	214.3	261.9	175.9	182.5
4	308.0	294.6	215.8	438.7	215.3	199.6	242.0	200.9	197.8
1965 - 1	303.8	226.2	142.2	491.3	198.7	181.4	174.0	177.8	217.1
2	311.0	284.0	208.1	421.9	226.0	215.8	222.1	203.0	226.7
3	313.7	329.1	255.3	386.7	240.2	233.2	254.4	189.8	201.1
4	348.2	308.1	239.0	493.3	234.2	218.4	271.2	220.0	223.5
1966 - 1	333.5	245.4	163.7	555.4	213.6	196.6	187.9	192.4	230.2
2	352.9	301.8	235.8	480.2	248.5	239.4	257.2	207.3	231.6
3	366.5	338.1	266.1	438.4	255.2	247.6	276.9	197.3	208.2
4	422.5	299.9	238.5	542.9	252.6	235.5	283.5	228.1	231.3
1967 - 1	374.1	225.5	150.1	616.2	229.0	211.0	191.4	191.8	224.8
2	347.0	280.5	225.6	530.7	266.7	257.2	268.8	220.5	240.2
3	365.2	311.0	256.1	479.9	267.7	258.4	251.8	204.4	213.4
4	399.5	294.8	240.2	591.6	262.7	245.3	255.7	237.4	238.3

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

	Trade	Finance, insurance and real estate	Public administration and defence	Community, recreation, business and personal service	Special Industry Indexes				
	Retail				Goods less agriculture	Service-producing industries(2)	Commercial industries, less agriculture	Non-commercial industries(3)	Index of Industrial Production
1949 Weight	9.567	9.127	4.666	10.202	42.366	46.920	81.015	8.271	32.231
	Seasonally adjusted								
1964 - 1	176.7	200.6	190.3	168.4	218.8	188.3	203.7	193.9	230.8
2	174.8	201.6	190.0	170.2	219.0	188.8	204.0	194.9	234.4
3	177.8	203.7	189.3	171.9	222.0	190.4	206.4	195.5	237.0
4	179.2	206.4	189.5	173.3	226.3	192.4	209.7	196.1	240.0
1965 - 1	180.6	208.1	190.4	175.0	233.2	195.5	215.0	197.1	247.5
2	186.0	211.4	189.9	178.0	236.0	198.7	218.3	197.7	250.2
3	189.6	213.4	190.6	180.0	241.4	201.9	222.9	199.1	257.8
4	192.6	214.3	191.8	182.1	248.1	204.9	227.9	200.5	264.7
1966 - 1	197.4	218.9	192.3	187.5	254.7	208.5	232.9	206.2	271.4
2	192.4	221.3	194.4	189.7	258.0	209.7	235.0	209.4	274.3
3	197.1	224.9	197.6	192.4	256.3	212.3	235.2	212.9	274.6
4	198.8	228.2	199.3	193.4	261.2	215.9	239.7	214.9	280.3
1967 - 1	200.8	238.9	199.4	194.4	260.6	218.0	240.5	215.6	277.8
2	207.6	235.1	202.3	198.5	261.8	222.2	243.3	218.4	280.5
3	205.5	232.3	206.5	201.4	265.1	221.4	244.3	220.9	284.2
4	206.7	235.5	206.7	198.7	266.5	222.9	245.9	221.7	287.6
	Without seasonal adjustment								
1964	176.8	203.0	189.8	171.0	221.4	189.9	205.8	195.1	235.3
1965	187.5	211.9	190.7	178.8	239.4	200.5	221.0	198.6	254.9
1966	196.3	223.2	195.9	190.8	258.0	211.6	235.9	210.9	275.1
1967	205.4	235.4	203.8	198.4	262.8	221.2	243.2	219.2	282.6
1964 - 1	153.1	196.9	183.8	164.1	205.3	178.2	191.2	189.8	228.9
2	179.1	202.8	190.3	170.3	221.9	191.8	207.2	195.2	238.2
3	172.5	206.9	197.1	176.3	226.7	192.5	209.6	200.2	231.3
4	202.5	205.2	187.9	173.5	231.5	197.1	215.3	195.1	243.0
1965 - 1	157.2	204.4	183.7	170.5	220.8	185.7	203.3	192.9	245.9
2	190.6	212.5	190.6	178.1	237.9	202.3	221.3	198.3	254.0
3	183.8	216.7	198.6	184.5	244.7	203.7	225.1	204.0	250.7
4	218.2	214.0	189.8	182.1	254.4	210.1	234.4	199.2	268.9
1966 - 1	172.6	214.9	185.7	182.6	243.2	197.7	221.1	201.9	270.7
2	194.7	222.5	194.4	189.8	261.3	212.5	238.3	209.6	278.1
3	191.6	228.4	206.2	197.1	259.8	214.5	237.8	218.3	266.7
4	226.4	227.1	197.5	193.6	267.5	221.7	246.5	213.7	284.8
1967 - 1	174.6	234.6	192.0	189.4	247.6	206.3	227.4	210.9	277.5
2	210.2	236.6	202.2	198.6	265.3	225.3	246.9	218.5	285.6
3	199.7	236.2	216.0	206.7	265.4	223.5	245.1	226.9	275.3
4	236.9	234.3	205.0	198.9	272.9	229.7	253.3	220.6	292.0

(2) Includes transportation, storage and communication; trade; finance, insurance and real estate; public administration and defence; community, recreation, business and personal service.

(3) Includes public administration and defence; hospitals; education; welfare, religion and other community service, n.e.c. and domestic service.

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