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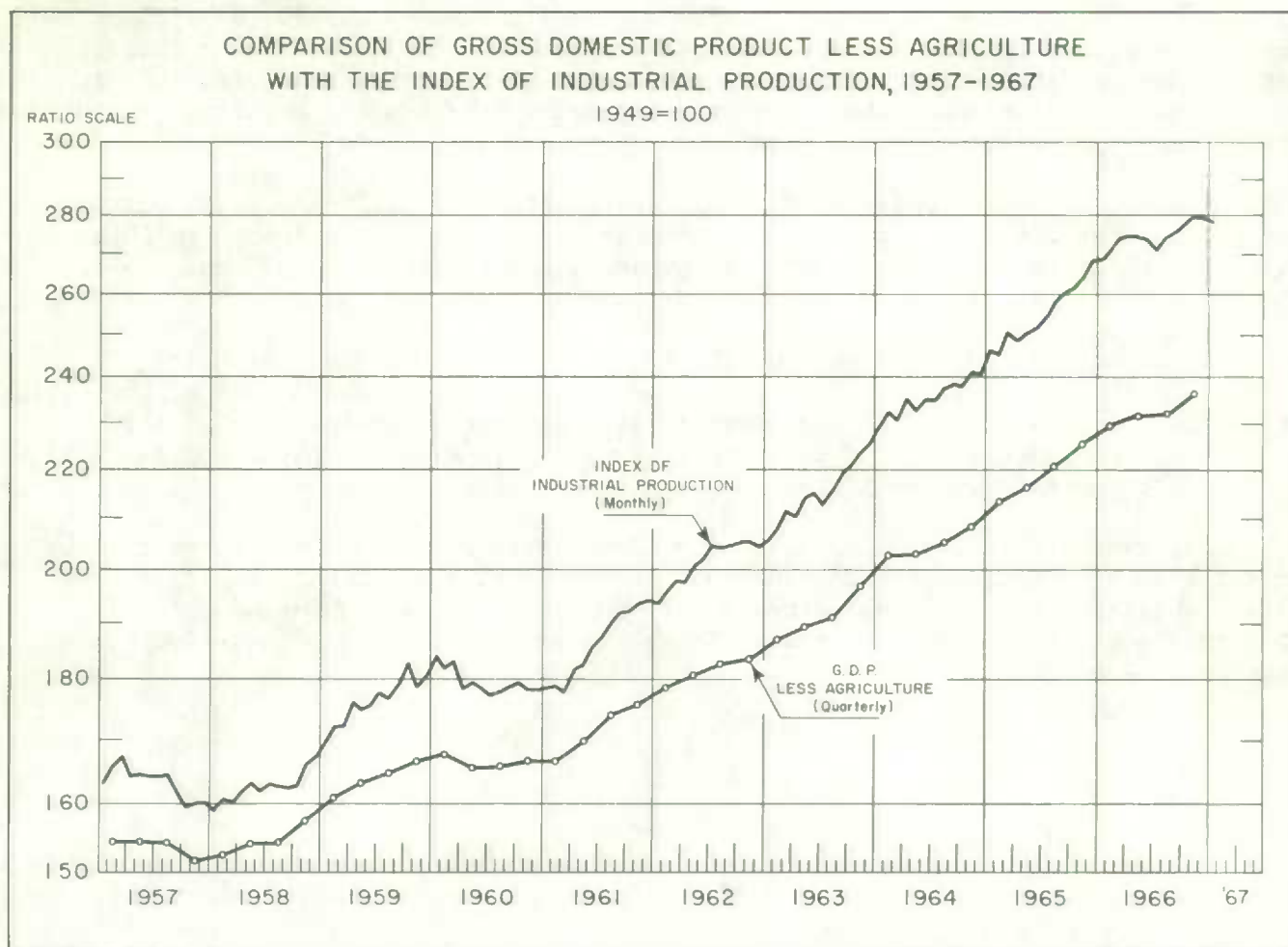
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INDEX OF INDUSTRIAL PRODUCTION (1949=100)

JANURAY 1967

The seasonally adjusted index of industrial production declined by 0.6 per cent in January.

Non-agricultural real output in the fourth quarter advanced by 1.9 percent from its third quarter level.



New This Issue: This issue includes indexes of non-agricultural real output for the fourth quarter of 1966.

National Accounts, Production and Productivity Division
Industrial Output Section

April 1967
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APR 17 1967
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JANUARY INDEX OF INDUSTRIAL PRODUCTION

The seasonally adjusted Index of Industrial Production fell by 0.6 percent in January, dropping to 278.0 from the revised December level of 279.6. The whole of the drop occurred in manufacturing, which fell by 1.3 percent, as mining and electric power and gas utilities rose by 1.0 and 2.8 percent respectively. Within manufacturing both non-durables and durables contributed to the decline, falling by 1.4 and 1.1 percent.

In non-durables manufacturing, the bulk of the decline occurred in the textiles and clothing components, which fell by 11 percent and 8 percent respectively. Although all textiles components (except miscellaneous) fell the bulk of the decrease was due to a better than 18 percent decline in synthetic textiles and silk. Smaller non-durables declines of from nearly 1 to nearly 7 percent occurred in printing and publishing and allied industries, products of petroleum and coal, rubber products, and leather products. This latter group of decreases was more than offset by increases ranging from fractional to nearly 4 percent in foods and beverages, tobacco, miscellaneous manufacturing, chemicals and paper.

Turning to the durables portion of manufacturing (- 1.1%) the major portion of the decline was due to a 4 percent decrease in transportation equipment to which the major contributors were motor vehicles and motor vehicles parts (- 6% and - 5%). Primary iron and steel was little changed from December, advancing by 0.3 percent.

In mining (+ 1.0%) the bulk of the increase occurred in metals, where all components, with the exceptions of gold and "other metals", advanced. The major portion of the metals gain was due to increases in lead and zinc. In non-metals mining (+ 6%) both components contributed almost equally. In electric power and gas utilities both components shared in the gain.

The decrease in the January Index of Industrial Production was primarily due to drops in only four of its components - textiles, clothing, motor vehicles, and motor vehicles parts. If these industries had maintained their December levels then the December to January movement in the Index of Industrial Production would have been reversed.

NOTE

Users should note that all previously published figures for the Index of Industrial Production and its components have been revised, both on a seasonally unadjusted and adjusted basis, from January, 1949 to date. Tables and charts together with a fuller explanation of these changes can be found in the recently published "Annual Supplement to the Index of Industrial Production (1949=100)", DBS Catalogue No. 61-005 May 1966. The revised data to the end of 1965 will be found there. Current issues of this report will provide the figures for 1966.

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

Industry or industry group	1949 percentage weights	Seasonally adjusted					
		1966					1967
		Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
INDEX OF INDUSTRIAL PRODUCTION	32.231	274.2	275.7	278.3	279.8	279.6	278.0
MINING	3.245	389.6	384.4	401.6	406.7	400.8	404.7
Metals	1.925	241.9	246.5	259.5	253.3	266.6	272.4
Gold	0.575	66.1	69.7	68.8	65.7	74.1	70.9
Copper	0.352	162.2	181.0	206.6	189.4	211.7	218.9
Iron ore	0.099	1,237.6	1,273.1	1,309.0	1,339.8	1,367.8	1,393.8
Nickel	0.333	141.8	199.3	200.8	179.9	172.0	177.8
Non-metals	0.268	430.9	407.9	400.0	390.7	397.8	423.0
Asbestos	0.189	324.9	299.1	283.5	281.0	276.2	293.7
Fuels	0.915	674.8	651.8	685.9	726.5	675.3	679.0
Coal	0.553	61.7	55.0	55.3	55.9	55.1	55.4
Natural gas	0.035	1,557.7	1,678.5	1,666.9	1,755.3	1,669.1	1,711.1
Petroleum	0.327	1,617.2	1,551.2	1,647.3	1,750.5	1,617.9	1,623.3
MANUFACTURING, TOTAL	27.340	246.1	248.1	249.6	250.0	250.7	247.5
NON-DURABLE MANUFACTURES	14.742	240.7	239.3	241.4	242.3	245.6	242.1
Foods and beverages	3.814	205.4	204.0	210.7	205.0	207.7	208.0
Foods	2.896	193.0	194.6	201.8	198.7	201.2	201.7
Meat products	0.523	184.9	184.5	211.8	200.4	197.4	195.3
Dairy products	0.450	196.9	199.5	210.0	205.0	215.2	209.5
Canning and processing	0.453	211.8	223.8	223.2	217.9	220.1	235.8
Grain mill products	0.322	203.0	204.6	213.4	215.8	213.6	212.6
Bakery products	0.558	158.8	157.6	156.2	154.8	153.2	153.3
Miscellaneous foods	0.590	209.6	207.1	206.9	209.7	217.9	215.1
Beverages	0.918	244.7	233.5	239.1	224.8	228.2	227.8
Carbonated beverages	0.231	227.2	218.0	230.1	222.6	218.9	235.2
Breweries	0.463	212.6	208.3	220.7	194.9	201.9	211.3
Distilleries	0.203	340.5	312.4	292.7	293.9	296.0	253.6
Tobacco and tobacco products ..	0.248	241.6	267.4	257.1	263.2	275.3	278.3
Rubber products	0.430	261.7	240.1	257.7	270.7	253.8	246.0
Leather products	0.508	137.4	138.5	135.7	134.0	136.6	126.9
Boots and shoes	0.307	136.5	141.1	139.0	138.6	146.6	129.4
Textiles	1.623	232.2	234.3	239.3	239.1	246.3	220.0
Cotton goods	0.507	110.1	148.7	159.1	157.6	155.1	146.4
Woollen goods	0.300	98.5	91.1	84.5	86.2	90.3	79.8
Synthetic Textiles and Silk	0.429	465.9	440.0	451.4	452.4	483.3	394.5
Clothing	1.801	173.6	177.9	176.7	177.6	194.0	178.2
Paper products	2.649	219.1	214.0	213.9	216.2	214.1	222.2
Pulp and paper	2.108	213.9	207.2	207.3	209.0	206.5	215.8

TABLE 1. Seasonally Adjusted Index of Industrial Production - Concluded
(1949=100)

Industry or industry group	1949 percentage weights	Seasonally adjusted					
		1966					1967
		Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
NON-DURABLE MANUFACTURES -							
Concluded:							
Printing,publishing and allied industries	1.273	246.6	236.7	230.1	236.6	246.6	245.1
Products of petroleum and coal	0.513	366.5	369.4	374.0	390.3	383.2	373.0
Petroleum products	0.454	399.2	401.7	406.9	426.2	419.0	407.3
Chemicals and allied products	1.359	376.6	374.9	376.7	379.9	377.4	383.8
Acids, alkalies, salts and fertilizers	0.346	532.7	489.2	509.1	511.0	508.7	
Miscellaneous manufactures	0.524	455.8	460.9	460.8	462.0	463.2	467.6
DURABLE MANUFACTURES	12.598	252.4	258.5	259.2	259.0	256.5	253.7
Wood products	2.108	182.8	180.8	179.7	188.3	188.4	187.2
Saw and planing mills	1.444	176.6	175.0	173.6	185.5	186.0	183.0
Veneers and plywoods	0.122	426.1	424.8	398.2	426.1	379.5	
Sawmills	0.994	169.2	167.4	168.6	182.8		
Furniture	0.460	241.3	237.0	235.7	237.7	236.4	240.0
Iron and steel products	4.026	248.8	259.3	256.2	252.2	246.2	247.3
Machinery	0.851	274.7	280.3	281.3	282.4	282.6	288.4
Iron castings	0.387	203.7	228.1	239.2	224.4	211.3	203.8
Primary iron and steel	0.845	311.5	341.6	323.1	307.9	286.4	287.4
Sheet metal products	0.359	288.6	285.6	281.8	288.9	296.8	302.3
Transportation equipment	2.651	272.4	278.7	278.1	279.1	277.3	265.8
Aircraft and parts	0.203	423.0	451.3	457.5	462.1	464.6	474.0
Motor vehicles	1.035	368.8	379.6	369.0	372.6	364.9	342.9
Motor vehicle parts	0.462	346.7	346.7	363.4	356.7	360.4	340.9
Railway rolling stock	0.621	56.6	55.7	58.7	60.4	61.8	62.4
Shipbuilding and repairs	0.261	168.1	171.5	168.0	170.7	171.7	167.3
Non-ferrous metal products	1.601	186.0	196.9	197.9	194.2	202.3	201.9
Brass and copper products ...	0.241	184.2	179.2	178.5	176.8	178.2	172.4
Smelting and refining	1.028	175.9	194.0	193.9	189.5	200.4	201.1
Electrical apparatus and supplies	1.418	380.4	382.6	398.0	403.8	400.4	396.0
Heavy electrical machinery ..	0.489	281.8	284.5	283.8	276.3	271.2	276.3
Telecommunication equipment	0.142	1,101.4	1,126.7	1,178.3	1,254.7	1,272.0	1,185.0
Refrigerators and appliances	0.227	382.7	352.0	397.6	382.9	368.2	386.0
Non-metallic mineral products	0.794	293.5	295.2	298.7	286.4	273.0	272.6
Concrete products	0.098	860.6	889.5	887.5	834.5	761.4	
Hydraulic cement	0.117	309.0	316.0	303.3	302.9	293.5	277.0
Domestic clay products	0.083	129.2	136.7	159.5	140.1	135.3	132.7
ELECTRIC POWER AND GAS UTILITIES	1.646	513.7	519.3	511.4	525.4	521.2	535.9
Electric power	1.480	477.7	478.4	466.7	477.2	479.5	491.7
Gas	0.166	834.9	883.7	910.1	954.9	893.2	

TABLE 2. Index of Industrial Production, without Seasonal Adjustment

(1949=100)

Industry or industry group	Annual averages		Without seasonal adjustment					
			1965		1966		1967	
	1964	1965	Nov.	Dec.	Jan.	Nov.	Dec.	Jan.
INDEX OF INDUSTRIAL PRODUCTION	235.3	254.9	274.0	263.9	262.0	290.9	276.3	271.8
MINING	346.4	365.6	384.1	371.3	360.4	414.7	390.2	396.9
Metals	245.7	249.5	256.1	245.1	228.2	254.0	243.5	245.9
Gold	85.9	80.6	80.6	76.4	73.4	67.7	71.4	68.1
Copper	187.8	195.6	222.1	200.1	185.1	213.1	211.5	209.2
Iron ore	1,185.3	1,236.8	1,252.9	1,112.3	1,010.9	1,259.4	1,024.5	1,101.1
Nickel	181.0	209.9	214.2	227.8	207.9	184.2	185.9	181.4
Non-metals	312.8	377.2	423.7	401.0	372.0	423.4	386.1	387.6
Asbestos	259.9	269.4	281.2	268.4	256.7	307.4	259.6	258.8
Fuels	557.7	592.8	616.3	629.7	650.5	733.9	707.8	749.4
Coal	55.1	56.3	68.7	61.3	65.9	66.6	60.4	67.0
Natural gas	1,382.3	1,476.4	1,597.0	1,713.2	1,825.0	1,844.8	1,966.2	2,002.0
Petroleum	1,319.2	1,405.5	1,437.4	1,475.0	1,513.4	1,743.5	1,668.0	1,769.4
MANUFACTURING, TOTAL	211.9	230.1	247.2	235.3	232.7	260.5	244.2	236.7
NON-DURABLE MANUFACTURES	211.2	224.1	238.2	225.0	221.5	251.8	237.7	227.6
Foods and beverages	185.6	193.1	210.9	184.2	167.7	218.3	193.5	175.0
Foods	180.6	187.4	195.3	178.9	172.1	205.2	188.3	178.4
Meat products	182.6	192.3	216.5	175.8	191.7	225.6	182.8	204.9
Dairy products	189.6	196.0	174.5	170.5	162.4	181.8	182.9	170.1
Canning and processing	190.0	197.2	180.4	159.1	119.4	202.3	173.1	128.9
Grain mill products	184.1	189.3	206.9	203.3	215.9	224.5	212.0	217.1
Bakery products	151.3	151.7	154.5	150.5	144.9	158.8	152.7	147.8
Miscellaneous foods	190.6	201.9	236.2	216.8	204.3	240.6	229.7	207.2
Beverages	201.3	211.0	260.1	200.8	153.9	259.7	210.0	164.3
Carbonated beverages	181.0	186.2	181.3	195.4	143.0	215.7	214.3	178.3
Breweries	185.7	191.1	215.6	176.1	125.5	213.4	188.6	138.2
Distilleries	262.1	284.8	454.3	261.2	230.6	416.2	251.6	202.9
Tobacco and tobacco products	232.1	243.4	262.2	225.0	251.2	277.7	246.1	262.4
Rubber products	232.8	237.4	266.8	259.0	249.3	292.1	253.8	221.4
Leather products	137.3	135.2	141.0	130.8	136.7	137.8	132.6	128.4
Boots and shoes	136.9	134.3	138.2	122.7	135.2	139.7	136.3	130.5
Textiles	203.3	220.6	231.2	235.1	229.4	249.0	248.3	214.6
Cotton goods	141.2	149.7	149.8	153.9	160.4	168.6	153.5	144.6
Woollen goods	91.2	89.6	90.4	85.0	84.7	89.9	83.1	77.9
Synthetic textiles and silk	338.4	391.3	417.3	432.5	412.5	467.8	493.9	379.5
Clothing	163.4	171.2	177.4	156.8	177.1	178.5	172.6	178.2
Paper products	186.3	198.3	208.5	199.0	197.5	224.6	209.0	210.2
Pulp and paper	182.0	192.8	202.6	192.6	192.0	219.0	202.2	205.0

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

Industry or industry group	Annual averages		Without seasonal adjustment					
			1965		1966		1967	
	1964	1965	Nov.	Dec.	Jan.	Nov.	Dec.	Jan.
NON-DURABLE MANUFACTURES -								
Concluded:								
Printing, publishing and allied industries	207.4	223.3	245.8	229.9	222.3	250.6	242.7	229.9
Products of petroleum and coal	330.1	345.9	339.5	363.9	355.0	390.2	402.3	391.0
Petroleum products	357.9	375.5	368.4	396.1	385.8	426.2	440.8	427.7
Chemicals and allied products	312.7	344.7	363.1	360.9	362.2	383.3	369.3	373.0
Acids, alkalies, salts and fertilizers	416.5	469.0	509.6	557.1	506.2	525.8	533.6	
Miscellaneous manufactures	386.5	407.3	436.4	420.5	410.7	484.2	466.0	449.4
DURABLE MANUFACTURES	212.7	237.2	257.7	247.4	245.8	270.7	251.8	247.4
Wood products	174.3	181.7	177.3	175.7	177.3	177.6	171.6	179.0
Saw and planing mills	180.0	182.8	170.3	168.9	173.8	166.5	160.0	173.2
Veneers and plywoods	397.7	403.8	435.4	412.0	459.7	435.9	365.8	
Sawmills	172.8	177.1	153.8	155.6	159.3	153.2		
Furniture	192.6	216.3	233.0	230.9	225.1	247.2	241.3	234.7
Iron and steel products	215.2	239.1	250.6	238.6	242.9	256.6	233.8	234.6
Machinery	213.1	248.1	265.0	265.2	265.6	287.8	286.6	284.9
Iron castings	199.3	218.9	219.8	226.1	240.8	210.0	177.5	189.3
Primary iron and steel	291.2	320.0	336.0	303.3	309.4	319.6	260.6	265.3
Sheet metal products	248.1	274.2	279.3	269.7	267.2	289.1	286.7	282.6
Transportation equipment	210.5	250.0	298.2	289.3	295.9	310.3	291.8	286.1
Aircraft and parts	336.3	319.3	341.0	361.0	372.3	472.7	482.7	488.2
Motor vehicles	274.2	347.6	448.2	417.0	433.7	447.1	398.8	386.8
Motor vehicle parts	262.2	317.2	352.0	362.5	362.1	360.2	357.5	354.6
Railway rolling stock	58.9	62.6	63.6	63.5	62.3	61.5	62.5	62.0
Shipbuilding and repairs	148.7	161.9	167.8	166.9	161.4	171.4	170.2	161.9
Non-ferrous metal products	174.2	186.9	198.4	196.3	193.3	198.2	206.0	195.6
Brass and copper products ...	155.6	162.7	182.6	184.0	182.6	176.8	178.2	177.6
Smelting and refining	176.5	188.9	196.1	193.0	190.5	193.5	204.8	196.5
Electrical apparatus and supplies	279.1	319.2	352.7	344.1	326.7	434.8	402.2	388.8
Heavy electrical machinery ..	213.0	241.6	257.4	259.6	260.7	280.7	276.1	276.8
Telecommunication equipment	744.5	895.1	1,086.7	1,036.6	813.2	1,528.2	1,310.2	1,149.5
Refrigerators and appliances	274.9	301.9	313.7	292.1	315.2	379.1	338.7	370.5
Non-metallic mineral products	268.2	286.9	322.1	272.7	236.3	310.1	246.6	215.7
Concrete products	814.1	858.0	1,008.5	770.1	547.3	918.0	609.1	
Hydraulic cement	277.5	298.8	320.0	232.6	206.8	327.1	228.9	180.1
Domestic clay products	138.3	142.8	155.3	151.1	134.0	152.3	133.3	114.1
ELECTRIC POWER AND GAS UTILITIES	405.7	448.3	502.5	525.9	555.4	553.0	583.8	608.2
Electric power	371.5	408.8	458.7	468.6	489.9	506.3	524.1	532.3
Gas	711.0	800.6	892.7	1,037.0	1,139.5	969.2	1,116.5	

Real Domestic Product less Agriculture

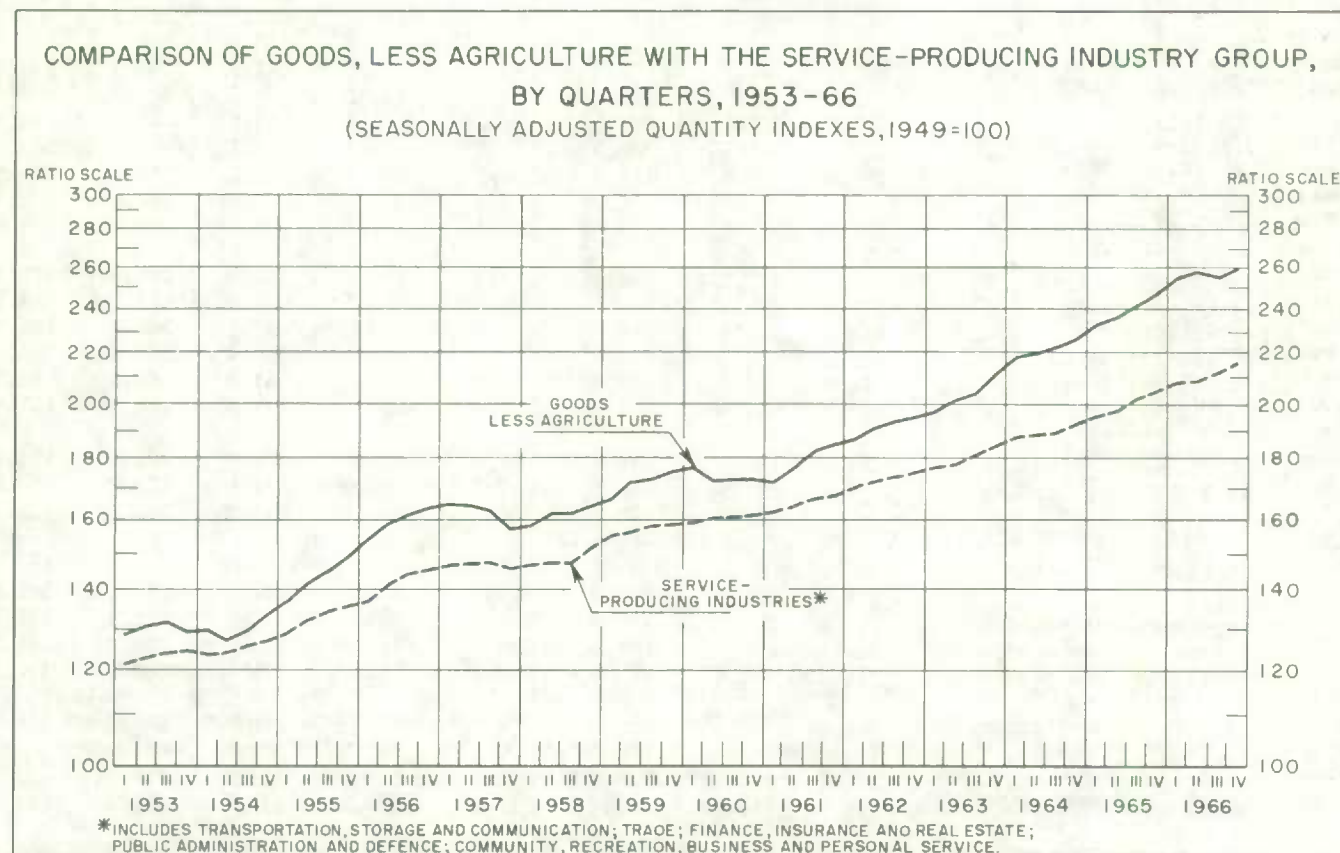
Note to Users

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 1966 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. Occasional 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, 1966

Seasonally adjusted real domestic product less agriculture for the fourth quarter of 1966 was 1.9 per cent above the level for the third quarter of the same year. This raised the annual average for 1966 to a level that was 6.3 per cent higher than in 1965.

The following table contains data on the percentage increases of the major industry groupings and their contributions to the advance in non-agricultural real output during the current cyclical expansion in production.

TABLE A.

	IQ'61 - IQ'66		IQ'61 - 11Q'66		IQ'61 - IIIQ'66		IQ'61 - IVQ'66	
	% △	Effect on GDP less Agri- culture	% △	Effect on GDP less Agri- culture	% △	Effect on GDP less Agri- culture	% △	Effect on GDP less Agri- culture
Real domestic product less agriculture	38.1	38.1	39.1	39.1	39.1	39.1	41.8	41.8
Forestry	27.9	.5	37.5	.7	25.4	.5	30.7	.5
Fishing and trapping ..	15.6	-.1	8.2	--	--	--	7.5	--
Mining	42.3	2.5	46.4	2.7	42.4	2.5	49.6	2.9
Manufacturing	53.0	15.6	53.7	15.8	53.8	15.8	56.2	16.6
Non-durable	41.6	6.9	43.1	7.2	43.0	7.2	44.9	7.5
Durable	67.8	8.7	67.4	8.6	67.9	8.7	70.9	9.1
Construction	44.2	3.0	44.4	3.0	36.5	2.5	38.5	2.8
Electric power and gas utilities	61.1	2.1	63.5	2.2	67.3	2.3	70.5	2.4
Other goods, n.e.c. ...	16.1	.2	16.8	.2	17.1	.2	17.3	.2
Transportation, storage and communication ...	39.9	3.8	45.2	4.3	42.3	4.0	48.9	4.6
Transportation	43.2	3.0	49.2	3.4	44.6	3.0	51.7	3.6
Trade	33.8	5.1	30.0	4.5	33.4	5.0	35.6	5.4
Wholesale	44.0	2.3	43.2	2.2	45.4	2.3	49.6	2.6
Retail	28.4	2.8	23.1	2.3	27.1	2.7	28.3	2.8
Finance, insurance and real estate	26.5	2.8	27.7	2.9	29.9	3.2	31.6	3.3
Public administration and defence	5.3	.3	6.2	.4	8.4	.5	9.3	.5
Community, recreation, business and personal service	23.6	2.4	24.4	2.5	26.0	2.7	26.6	2.7

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

The Fourth Quarter, 1966

The fourth-quarter gain in non-agricultural real output was divided fairly evenly between the goods-producing industries, which contributed 53 per cent of the gain, and the service-producing industries, which contributed 47 per cent. Within the former industries, manufacturing and mining accounted for 26 per cent and 16 per cent, respectively, of the total fourth-quarter gain. Within the latter industries, transportation, storage, and communication accounted for 23 per cent of the total gain in output, and trade contributed 12 1/2 per cent.

Within the goods-producing industries, manufacturing advanced by 1 1/2 per cent, with durables increasing by almost 2 per cent. Almost all of the rise in the manufacture of durables was the result of increased production by the electrical apparatus and supplies, and the transportation equipment groups, which rose by 6.3 per cent and 3 per cent, respectively. Telecommunication equipment contributed

most heavily to the increase in electrical apparatus, while the increase in transportation equipment was mainly divided among aircraft and parts, motor vehicles, and motor vehicle parts and accessories. Telecommunication equipment also registered the largest quarter-to-quarter increase of any industry manufacturing durables. Primary iron and steel, with a 5 1/2 per cent decline, had the greatest negative effect on the total fourth-quarter increase.

Manufacturing of non-durables rose by more than 1 per cent, chiefly because of increases in textile products and total food products. The increase in textile products was the result of a large fourth-quarter upsurge in cotton goods in comparison to the strike-affected third-quarter results, while more than half of the increase in food products came from meat products. Several of the components in non-durables experienced decreases, however, including beverage products, paper products, and the printing, publishing, and allied industries.

Mining expanded by 5 per cent in the last quarter of 1966. This expansion was led by iron ore, which was up 24 per cent, in sharp contrast to the large declines in the second and third quarters and the small increase in the first quarter. Crude petroleum led the fuel-mining component, with an advance of 4 per cent. The gain in mining was dampened by a decline in the non-metal mining component, due to an 8 1/2 per cent drop in asbestos.

Construction in the fourth quarter recovered from the third-quarter decline, registering a 1 1/2 per cent increase. This increase compares with the 4 per cent advance recorded for the first quarter, and the negligible change which occurred in the second quarter.

Electric power and gas utilities rose 2 per cent, because of a more-than-9-per-cent rise in gas utilities and a fractional increase in electric power.

The other goods-producing industries showed changes which ranged from an increase of 4 per cent for forestry to a decline of 7 1/2 per cent for fishing and trapping.

Within the service-producing industries, transportation, storage, and communication increased by 4 1/2 per cent. More than three-quarters of this increase occurred in transportation. A 15 1/2 per cent advance in rail transportation represented a recovery from the strike-affected third quarter. The effect of this advance was lessened by declines in air transport and stevedoring, which were affected by strikes in the fourth quarter. Increases in production of 1 to 4 per cent were experienced in the water transport, pipelines, truck transport, and passenger transport industries.

Storage and communication together contributed 5 1/2 per cent to the total increase in the fourth quarter. Almost all of this contribution occurred within the communication component.

Trade rose by less than 2 per cent. The largest portion of this gain came from wholesale trade, which increased by 3 per cent. Within wholesale trade, footwear, farm machinery, and commercial, institutional, and service equipment and supplies showed strong advances, while coal and coke experienced a sharp decline. Declines also occurred in fresh fruits and vegetables, clothing and furnishings, and hardware. Within retail trade, which increased by 1 per cent, the quarter-to-quarter changes were not as large. Department stores had the greatest negative effect on the fourth-quarter increase; on the other hand, relatively large advances were recorded for used-car dealers, farm implement dealers, and hardware stores.

The remainder of the fourth-quarter gain attributed to the service-producing industries was divided among finance, insurance, and real estate, which contributed 6 1/2 per cent; community, recreation, business, and personal service, which contributed 2 1/2 per cent; and public administration and defence, which provided a 2 per cent contribution. The increase in finance, insurance, and real estate came mainly from rents, which rose by slightly more than 1 1/2 per cent. The business services component accounted for three-quarters of the community, recreation, business, and personal service contribution. Declines in federal and provincial administration were more than balanced by increases in other components, resulting in a less-than-1-per-cent rise in total public administration and defence.

The Year, 1966

An average annual index level of 232.9 for 1966 represented an increase of a little more than 6 per cent from the level of the previous year. This relative increase is somewhat less than the 6.9 per cent expansion recorded in 1965. The rate of growth for the current year is, however, considerably higher than the average annual rate of growth of less than 5 per cent for the post-war period. Within 1966, the first and fourth quarters were mainly responsible for the increased output in comparison to 1965.

Manufacturing accounted for 37 per cent of the increase in non-agricultural real output for 1966. Other major industry groupings that contributed significantly to the total increase were transportation, storage, and communication, which rose 8 per cent; trade, which rose 4 1/2 per cent; and finance, insurance, and real estate, which recorded an increase of more than 5 per cent. Most major industry groupings showed increases that were higher than their average increases in the post-war period. Some of the largest relative increases were experienced in manufacturing, which went from less than 5 per cent to more than 7 per cent; in transportation, which rose from 4 per cent to 8 1/2 per cent; and in electric power and gas utilities, from 9 1/2 per cent to 12 1/2 per cent.

The following chart compares, for the period from 1953 to 1966, the levels of the three industry groupings which contributed most heavily to the current year-over-year increase.

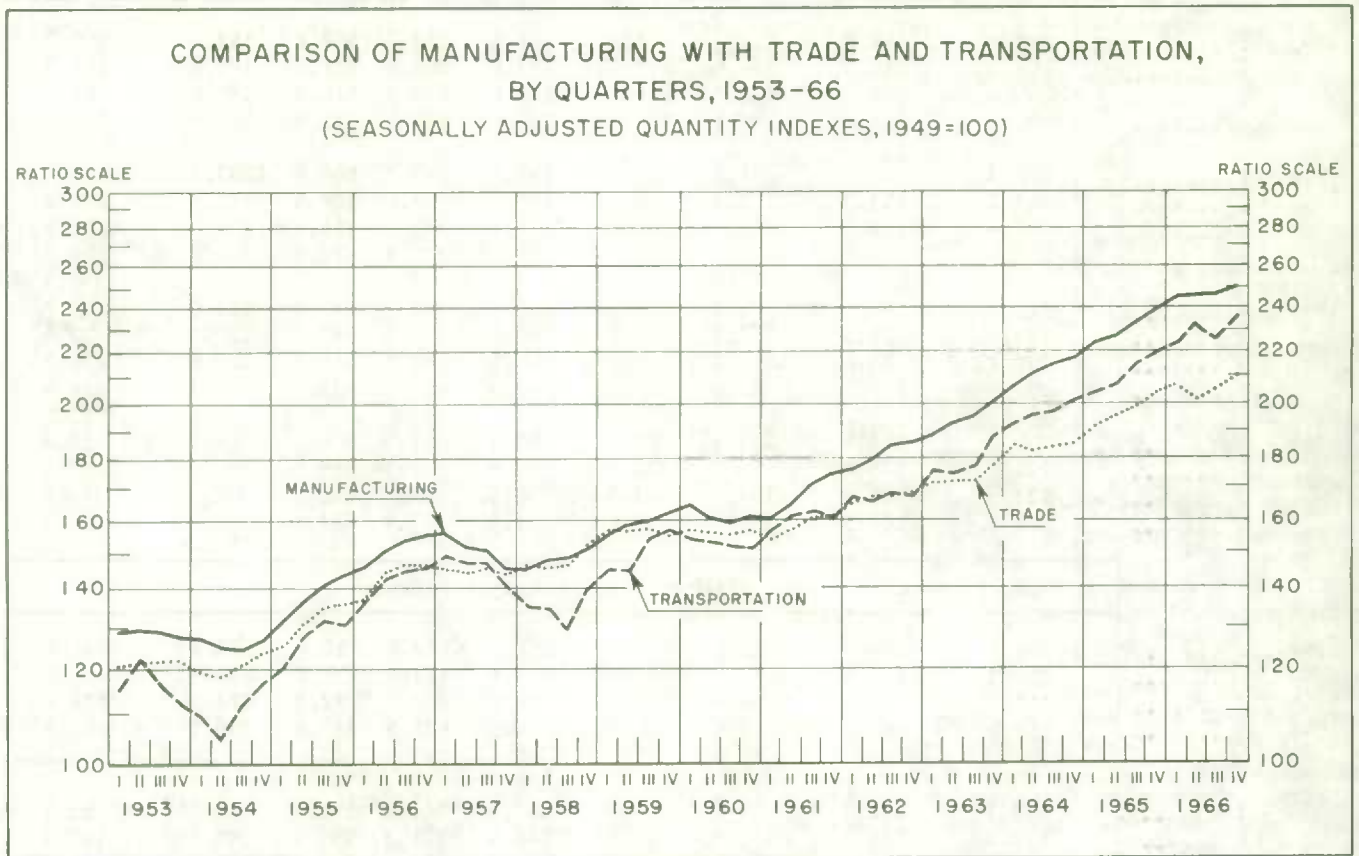


TABLE 3. Indexes of Real Domestic Product, less Agriculture
1949=100

	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									
1963 - 1	187.0	148.8	122.4	308.4	218.0	265.3	507.7	188.1	189.2
2	189.2	137.8	134.6	318.3	232.8	264.5	507.4	191.8	193.3
3	191.0	149.4	130.0	316.2	223.6	274.5	516.8	194.8	196.6
4	197.0	161.4	121.1	331.7	238.4	287.4	535.8	200.8	200.4
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	230.2	164.8	119.8	383.4	263.7	421.2	604.2	244.9	237.6
2	231.8	177.3	130.3	394.3	259.9	398.5	660.6	246.0	240.1
3	231.8	161.6	141.9	383.5	237.7	409.1	668.2	246.3	240.0
4	236.3	168.5	131.3	403.0	259.8	396.2	695.9	250.1	243.1
Without seasonal adjustment									
1963	191.1	149.4	125.2	318.3	227.5	273.0	516.6	193.9	194.9
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	232.9	169.1	132.9	390.5	253.8	405.3	659.4	246.9	240.4
1963 - 1	175.7	123.7	78.0	303.8	203.4	243.3	550.4	183.5	183.1
2	192.1	129.1	136.9	317.6	240.6	271.3	482.4	196.6	195.1
3	195.2	175.8	168.4	322.6	235.5	274.5	496.9	192.6	198.5
4	201.4	169.0	117.5	329.1	230.4	302.9	536.9	203.1	202.7
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	218.6	145.9	78.4	371.4	238.1	390.0	655.9	240.9	231.4
2	234.9	161.6	124.8	396.5	270.7	409.4	638.7	251.2	241.9
3	235.1	194.5	198.6	388.7	248.6	405.6	644.1	241.0	241.1
4	243.1	174.2	129.9	405.6	257.8	416.0	699.0	254.6	247.2

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								
1963 - 1	169.8	232.7	205.2	131.9	177.0	146.1	163.0	190.7
2	171.3	228.5	206.1	131.4	182.8	149.5	168.7	193.0
3	172.7	218.1	206.3	130.2	187.6	151.4	172.0	198.7
4	175.6	221.5	212.3	134.4	196.4	154.3	176.4	198.7
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	201.0	267.8	263.0	135.8	232.0	175.8	216.0	238.1
2	204.2	251.9	251.1	138.6	224.7	181.0	218.4	239.6
3	205.8	247.6	254.5	136.3	230.2	176.9	215.7	241.6
4	207.8	265.2	260.7	135.4	241.6	182.8	214.7	237.7
Without seasonal adjustment								
1963	172.2	225.3	207.4	132.1	186.0	150.3	170.1	195.2
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	136.8	233.0	179.2	216.1	239.7
1963 - 1	145.6	231.2	209.5	141.1	181.3	150.6	158.3	187.8
2	170.9	243.5	218.6	132.5	187.9	146.8	170.2	197.9
3	191.9	204.9	183.6	121.4	173.9	155.2	173.0	191.5
4	180.2	221.7	217.9	133.5	200.7	148.6	178.8	203.8
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	144.8	238.9	180.7	210.0	233.4
2	202.4	266.9	267.5	138.8	231.8	177.9	219.0	249.6
3	228.2	233.9	220.2	127.7	213.3	180.4	216.6	229.8
4	213.2	263.9	269.9	135.9	248.2	178.0	218.7	246.0

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								
1963 - 1	307.7	273.4	333.5	186.7	163.2	186.9	179.9	157.1
2	310.9	280.6	352.4	190.2	166.4	189.7	182.6	158.3
3	325.8	286.5	359.8	192.7	167.5	190.4	186.2	161.7
4	327.6	290.2	364.9	201.2	171.7	197.0	211.1	162.0
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	354.5	375.9	431.9	253.5	186.4	257.2	275.7	194.3
2	377.5	381.0	446.7	252.9	188.2	253.1	265.7	198.4
3	371.4	377.1	455.5	253.7	183.9	252.3	269.6	191.3
4	382.5	378.0	462.0	258.3	185.5	251.5	278.2	198.2
Without seasonal adjustment								
1963	318.0	282.5	353.0	192.9	167.3	191.0	190.2	159.8
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	377.7	449.1	254.6	186.0	252.8	273.8	195.7
1963 - 1	312.0	273.8	322.1	183.9	163.8	180.9	190.8	156.9
2	297.1	292.5	344.7	198.3	167.5	196.2	211.3	159.6
3	332.5	277.0	365.8	185.8	176.2	191.6	138.2	158.7
4	330.5	286.8	379.4	203.5	161.6	195.5	220.7	164.0
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	376.2	416.0	252.0	188.4	249.0	300.1	194.9
2	357.9	394.0	436.4	262.1	188.3	260.1	300.9	200.2
3	378.3	361.2	466.1	240.9	190.2	252.0	201.4	186.2
4	387.8	379.2	478.9	263.2	176.9	250.3	292.7	201.3

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				Total	Transpor- tation	Storage	Total	Whole- sale
	Electrical apparatus and supplies	Non- metallic mineral products							
1949 Weights ...	1.418	0.794	6.379	1.646	8,363	6,528	0,230	14,562	4,995
	Seasonally adjusted								
1963 - 1	246.8	223.8	172.0	351.0	188.3	175.7	217.2	171.1	182.0
2	251.4	235.7	174.4	360.8	187.8	174.1	202.8	171.4	180.6
3	256.9	240.4	169.8	373.6	190.5	176.2	230.7	171.5	177.9
4	263.5	235.1	180.6	386.2	201.1	188.8	253.6	177.3	185.0
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	338.1	307.1	228.5	490.6	235.3	223.4	231.6	207.2	222.9
2	359.7	300.6	228.8	497.9	244.3	232.8	256.3	201.4	221.7
3	377.0	298.3	216.3	509.5	239.3	225.6	256.7	206.6	225.1
4	400.7	286.0	219.6	519.3	250.4	236.6	260.4	210.1	231.6
	Without seasonal adjustment								
1963	254.9	235.0	173.6	367.5	192.0	178.8	227.1	173.2	181.6
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	368.7	296.3	226.0	503.7	243.0	230.4	251.4	206.2	225.2
1963 - 1	243.6	177.8	109.5	395.9	170.6	153.6	181.4	156.4	181.0
2	244.9	241.8	176.7	349.3	192.4	180.9	212.6	178.0	190.4
3	253.5	274.6	214.2	324.7	203.2	193.8	240.8	165.9	168.5
4	277.7	245.8	194.1	400.3	201.9	186.8	273.4	192.4	186.4
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	553.2	213.6	196.6	187.9	192.3	230.1
2	352.9	301.8	235.8	480.2	249.7	240.9	257.2	207.3	231.5
3	366.5	338.1	266.1	438.4	255.3	247.7	276.9	197.2	208.1
4	422.0	299.9	238.5	542.9	253.4	236.5	283.5	228.1	231.2

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

	Trade	Finance, in- surance and real estate	Public adminis- tration and defence	Com- munity, recre- ation, business and personal service	Special Industry Indexes				
	Retail				Goods less agri- culture	Service- pro- ducing indus- tries(2)	Commercial indus- tries, less agri- culture	Non- com- mercial indus- tries(3)	Index of In- dustrial Pro- duction
1949 Weight	9.567	9.127	4.666	10.202	42.366	46.920	81.015	8.271	32.231
Seasonally adjusted									
1963 - 1	165.4	190.1	186.6	162.7	197.4	177.6	186.9	187.5	208.5
2	166.7	192.9	187.7	164.4	201.0	178.6	189.2	189.4	213.2
3	168.2	195.9	189.2	165.6	203.0	180.1	191.0	191.2	216.2
4	173.3	198.9	189.2	167.0	210.7	184.7	197.5	192.3	223.4
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	199.0	218.9	192.1	184.2	254.9	208.0	233.1	202.0	271.4
2	190.8	221.1	193.9	185.3	257.5	208.6	234.7	204.0	273.8
3	197.0	224.9	197.9	187.7	254.9	211.0	234.3	207.3	273.6
4	198.8	227.8	199.5	188.7	259.9	215.0	239.1	208.8	279.2
Without seasonal adjustment									
1963	168.8	194.5	188.1	165.0	202.9	180.4	191.2	190.1	215.3
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	186.5	257.3	211.0	235.7	205.6	274.5
1963 - 1	143.6	186.5	181.0	158.3	184.6	167.6	174.8	184.1	206.5
2	171.4	194.4	188.0	164.4	203.5	181.8	192.3	189.7	216.6
3	164.5	199.3	196.0	170.0	208.7	182.9	195.1	195.4	212.5
4	195.6	197.7	187.5	167.1	214.9	189.1	202.4	191.1	225.8
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	179.3	242.6	197.0	220.8	197.9	270.0
2	194.7	222.5	194.4	185.6	260.6	211.8	238.1	204.4	277.5
3	191.6	228.4	206.2	192.4	258.9	213.5	237.4	212.5	266.0
4	226.4	227.1	197.5	188.8	267.0	221.5	246.7	207.7	284.5

(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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