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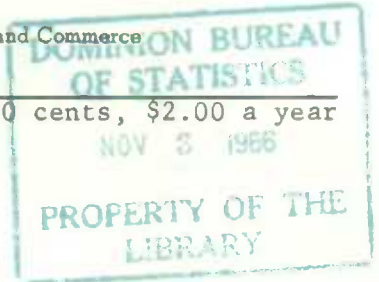
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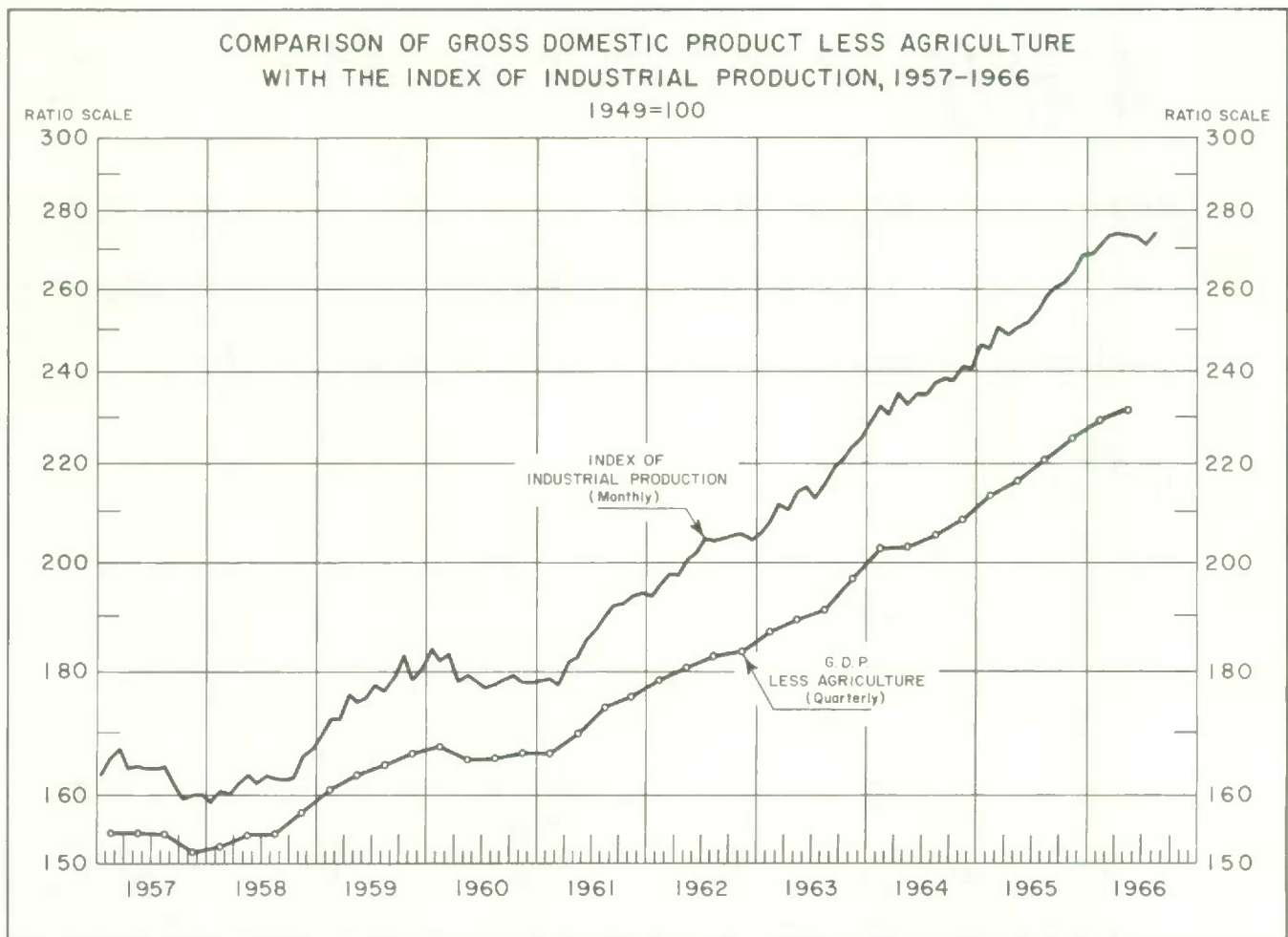
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INDEX OF INDUSTRIAL PRODUCTION (1949=100)

AUGUST 1966



The seasonally adjusted index of industrial production advanced by 1.3 per cent in August.



This issue contains indexes of non-agricultural real output for the latest available quarter (2nd quarter 1966).

Industrial Output Section
National Accounts and Balance of Payments Division

October 1966
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ROGER DUHAMEL, F.R.S.C., Queen's Printer and Controller of Stationery, Ottawa

AUGUST INDEX OF INDUSTRIAL PRODUCTION

The seasonally adjusted Index of Industrial Production for August advanced to 274.4, an increase of 1.3 per cent from the revised July level of 270.9. The gain both reversed the direction of the Index in the past three months and also represented a new record high for this economic indicator that measures output in approximately one-third of the economy. All three components contributed to the increase as mining rose by 3.6 per cent, manufacturing by 0.6 per cent, and electric power and gas utilities by 3.5 per cent.

Metal mining, which rose by almost 8 per cent, was the major contributor to the mining gain. The bulk of this increase was due to a very large rise in iron ore as the industry recovered from a strike-depressed July level. With the exception of zinc (+ 11 %), all remaining metal mining components fell. In non-metal mining gains in both asbestos and 'other' non-metals (including potash) resulted in an 11 per cent gain in the total. The fractional drop in fuels was the result of small declines in both natural gas and crude petroleum, largely offset by a 24 % gain in coal from that industry's low July level.

Manufacturing in August resumed its upward movement after a 3 month long decline. Both non-durables and durables contributed to the increase as they rose by 0.2 and 1.0 per cent respectively. In durables 2 major groups rose while 4 fell. Transportation equipment, which rose by 8 per cent, was the major contributor to the durables rise with the balance of the gain resulting from a 2 per cent increase in electrical apparatus and supplies. Declines in the other 4 groups ranged from 1 to about 4 per cent. Within the detail nearly all of the increase in transportation equipment was due to the 15 per cent gain in motor vehicles. In electrical apparatus and supplies nearly all of the gain was due to the 12 per cent increase in the refrigerators and appliances industry.

In iron and steel products (- 0.8%) a good gain of 14 per cent was registered by iron castings. This gain was, however, more than offset by declines in heating and cooking apparatus, wire and wire goods, and primary iron and steel; the latter industry was affected by labour trouble. Non-ferrous metal products fell by 2.8 per cent, continuing its strike-affected decline.

In non-durables, 9 of the 11 major groups rose. Declines of 2 and 1 per cent occurred in food and beverages and in chemical and allied products, respectively. Advances in the remaining components ranged from marginal to more than 4 per cent. Within the detail, the decline of 3 per cent in foods was partially offset by a 2 per cent rise in beverages. In textile products, which advanced by 4.1 per cent, the major contribution came from synthetic textiles and silk (+ 6.1 %). In paper products (+ 2.5 %) nearly all of the increase was due to the 3 per cent gain in pulp and paper.

In electric power and gas utilities, both components contributed to the 3.5 per cent increase; electric power rising by 3 and gas by 4 per cent.

SPECIAL NOTE

1. 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. The revised data to the end of 1965 will be found there. Current issues of this report will provide the figures for 1966.

These changes in the post-1948 period stem from the incorporation of more recent census-based annual levels, the substitution of a few improved monthly projectors, the incorporation of revisions to the underlying data, the use of an improved method of adjusting monthly series to annual levels, and from the reseasonal adjustment of all components of the Index.

The quarterly and annual estimates of Real Domestic Product and its components usually shown in the monthly publication have also been revised through the incorporation of the revised data for the Index of Industrial Production and its components. It should be noted that only those industry groupings composed in whole or in part of the Index of Industrial Production are affected by the changes. These revised quarterly and annual estimates are shown to the end of 1965 in the above supplement and later data will appear in current issues of the "Index of Industrial Production".

The present revisions retain the 1949 weight and reference base and constitute the first stage of a several-stage programme, which will extend over a number of years, and is aimed at improving the quality and general usefulness of the Real Domestic Product by industry of origin data, including the Index of Industrial Production. Previously, Census-based annual benchmarks had not been calculated for the Index of Industrial Production beyond the mid-1950's. A major objective of the present revision was to remedy this situation and comprehensive annual benchmarks were accordingly calculated for all industries for at least the year 1959 on a 1948 Standard Industrial Classification (S.I.C.) basis.

The next stage in this programme will consist of converting the entire Real Domestic Product system to the 1960 S.I.C. and to a 1961 weight and reference base. Thus, in regard to the Index of Industrial Production components it should be noted that all post-1959 indexes are subject to further revisions. In the industries outside the area of the Index of Industrial Production, benchmark levels will be updated to 1961. This includes the incorporation of the latest (1961) Decennial Census data and therefore the historical record from 1951 forward will be changed for such industries as agriculture and retail and wholesale trade.

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 June 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					
		1966					
		Mar.	Apr.	May	June	July	Aug.
INDEX OF INDUSTRIAL PRODUCTION	32.231	273.8	274.1	274.0	273.3	270.9	274.4
MINING	3.245	390.4	393.5	397.8	391.5	376.3	389.8
Metals	1.925	262.8	261.7	259.7	258.5	224.5	241.6
Gold	0.575	77.6	74.4	80.0	69.4	74.2	66.1
Copper	0.352	198.9	186.0	206.6	194.4	165.5	162.2
Iron ore	0.099	1,234.9	1,327.1	1,260.3	1,257.2	733.3	1,230.9
Nickel	0.333	217.9	203.3	182.4	208.3	151.2	141.8
Non-metals	0.268	433.1	409.6	409.9	376.0	388.4	430.9
Asbestos	0.189	319.0	292.9	293.3	281.5	295.3	324.9
Fuels	0.915	622.5	652.2	671.1	658.5	678.1	674.8
Coal	0.553	54.2	52.1	56.9	55.5	49.9	61.7
Natural gas	0.035	1,497.6	1,597.1	1,691.5	1,632.8	1,560.1	1,557.7
Petroleum	0.327	1,490.0	1,565.9	1,600.7	1,573.9	1,646.0	1,617.2
MANUFACTURING, TOTAL	27.340	246.8	247.2	245.5	245.3	244.8	246.3
NON-DURABLE MANUFACTURES	14.742	240.4	240.3	239.7	240.2	240.3	240.9
Foods and beverages	3.814	202.6	202.8	201.9	207.8	208.2	204.4
Foods	2.896	194.0	196.2	194.7	197.9	197.9	191.5
Meat products	0.523	198.8	190.2	195.7	196.4	190.2	184.4
Dairy products	0.450	202.6	196.6	195.5	199.1	203.1	196.9
Canning and processing	0.453	209.4	224.6	207.2	216.9	208.4	205.5
Grain mill products	0.322	195.7	208.3	203.0	201.5	210.6	197.7
Bakery products	0.558	154.8	155.9	157.0	157.9	159.1	159.9
Miscellaneous foods	0.590	207.6	211.1	214.9	219.8	222.3	209.7
Beverages	0.918	229.8	223.6	224.3	239.0	240.9	244.9
Carbonated beverages	0.231	200.6	209.4	217.8	225.5	235.1	227.2
Breweries	0.463	193.2	197.3	186.4	195.2	208.8	212.6
Distilleries	0.203	349.8	300.1	321.2	357.5	324.6	340.5
Tobacco and tobacco products ..	0.248	267.5	261.8	252.6	241.4	233.7	241.6
Rubber products	0.430	263.4	265.4	250.3	237.5	261.7	261.7
Leather products	0.508	137.2	137.9	137.9	140.2	133.0	136.7
Boots and shoes	0.307	134.0	136.9	138.7	143.3	131.7	136.5
Textiles	1.623	231.6	226.4	221.7	225.9	223.9	233.1
Cotton goods	0.507	148.2	128.0	121.5	117.7	108.8	110.1
Woollen goods	0.300	94.9	93.8	94.6	101.4	89.2	98.5
Synthetic Textiles and Silk	0.429	419.2	428.7	417.8	431.7	440.1	467.0
Clothing	1.801	179.9	182.5	180.6	180.0	179.6	173.7
Paper products	2.649	217.9	214.3	221.5	219.3	214.2	219.6
Pulp and paper	2.108	213.9	208.6	216.2	213.3	207.0	213.9

TABLE 1. Seasonally Adjusted Index of Industrial Production - Concluded

(1949=100)

Industry or industry group	1949 percentage weights	Seasonally adjusted					
		1966					
		Mar.	Apr.	May	June	July	Aug.
NON-DURABLE MANUFACTURES - Concluded:							
Printing, publishing and allied industries	1.273	243.4	234.1	246.8	237.8	241.5	245.3
Products of petroleum and coal	0.513	367.2	386.2	368.8	377.4	382.9	385.0
Petroleum products	0.454	399.5	420.7	401.1	411.1	416.8	
Chemicals and allied products	1.359	379.8	387.9	377.7	377.4	379.6	376.0
Acids, alkalies, salts and fertilizers	0.346	503.8	532.8	540.0	528.0	537.5	532.7
Miscellaneous manufactures	0.524	439.0	445.7	447.2	447.2	450.1	450.3
DURABLE MANUFACTURES	12.598	254.3	255.2	252.3	251.3	250.1	252.7
Wood products	2.108	188.4	190.1	189.4	185.1	187.9	184.1
Saw and planing mills	1.444	186.2	189.2	188.8	181.9	185.1	179.4
Veneers and plywoods	0.122	435.6	433.4	449.5	431.4	428.1	457.5
Sawmills	0.994	179.5	184.7	182.8	176.0	181.3	169.2
Furniture	0.460	234.5	232.7	231.9	233.5	236.8	237.2
Iron and steel products	4.026	256.2	257.6	252.9	248.7	248.9	247.0
Machinery	0.851	273.0	272.0	273.0	271.0	269.8	271.8
Iron castings	0.387	188.2	212.6	216.8	191.4	178.5	203.7
Primary iron and steel	0.845	349.1	342.3	325.0	321.0	321.8	308.3
Sheet metal products	0.359	296.1	295.5	292.2	280.9	282.8	288.2
Transportation equipment	2.651	275.8	271.5	258.9	266.8	257.3	278.3
Aircraft and parts	0.203	396.8	411.8	409.1	406.5	420.6	418.8
Motor vehicles	1.035	383.9	371.9	343.4	367.0	335.1	385.3
Motor vehicle parts	0.462	340.2	337.3	330.6	327.2	341.4	344.4
Railway rolling stock	0.621	61.6	61.2	63.2	61.5	59.6	60.5
Shipbuilding and repairs	0.261	178.9	176.4	166.9	164.0	161.7	167.7
Non-ferrous metal products	1.601	194.5	196.2	198.9	200.2	190.9	185.5
Brass and copper products ...	0.241	182.6	187.1	185.4	184.3	182.2	185.7
Smelting and refining	1.028	190.8	192.2	197.5	198.9	185.2	175.9
Electrical apparatus and supplies	1.418	341.1	356.3	363.7	359.3	367.7	375.3
Heavy electrical machinery ..	0.489	265.3	266.9	266.3	269.0	272.0	276.8
Telecommunication equipment	0.142	871.5	971.8	1,038.8	1,017.0	1,078.9	1,088.1
Refrigerators and appliances	0.227	332.2	351.4	346.0	323.4	339.8	379.3
Non-metallic mineral products	0.794	314.6	300.3	302.7	298.8	306.5	295.8
Concrete products	0.098	987.4	878.0	905.1	892.7	901.7	860.6
Hydraulic cement	0.117	389.5	337.4	313.7	303.7	344.3	309.0
Domestic clay products	0.083	145.6	141.5	141.8	148.1	147.3	129.2
ELECTRIC POWER AND GAS UTILITIES	1.646	492.3	485.5	503.5	504.8	496.1	513.6
Electric power	1.480	455.6	448.4	464.7	469.2	461.5	477.7
Gas	0.166	819.6	816.3	849.9	821.8	804.1	833.9

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

Industry or industry group	Annual averages		Without seasonal adjustment					
			1965			1966		
	1964	1965	June	July	Aug.	June	July	Aug.
INDEX OF INDUSTRIAL PRODUCTION	235.3	254.9	260.7	241.0	247.5	282.2	255.0	262.9
MINING	346.4	365.6	369.7	358.7	379.3	404.2	367.1	394.1
Metals	245.7	249.5	262.4	252.8	254.4	280.0	219.6	254.7
Gold	85.9	80.6	84.1	73.2	80.5	70.4	70.5	67.2
Copper	187.8	195.6	193.3	206.2	192.1	199.6	167.0	166.9
Iron ore	1,185.3	1,236.8	1,404.2	1,540.7	1,503.5	1,571.5	953.3	1,583.0
Nickel	181.0	209.9	203.3	198.2	207.3	205.8	137.6	139.0
Non-metals	312.8	377.2	399.4	358.7	399.6	394.7	368.4	426.8
Asbestos	259.9	269.4	280.8	246.7	268.4	289.1	272.0	324.9
Fuels	557.7	592.8	558.8	550.2	603.5	634.3	641.9	643.3
Coal	55.1	56.3	51.7	40.3	36.1	51.1	34.9	39.8
Natural gas	1,382.3	1,476.4	1,336.8	1,247.3	1,292.4	1,453.2	1,313.6	1,322.5
Petroleum	1,319.2	1,405.5	1,337.8	1,337.8	1,489.3	1,533.0	1,596.6	1,591.3
MANUFACTURING, TOTAL	211.9	230.1	239.7	219.3	223.6	257.2	232.1	236.8
NON-DURABLE MANUFACTURES	211.2	224.1	228.5	212.3	230.3	248.4	228.2	244.6
Foods and beverages	185.6	193.1	202.8	202.6	219.6	222.5	222.0	230.6
Foods	180.6	187.4	191.9	198.0	214.6	203.7	212.0	217.3
Meat products	182.6	192.3	179.9	185.9	189.8	187.0	176.3	177.6
Dairy products	189.6	196.0	247.9	220.2	225.5	253.7	233.6	220.3
Canning and processing	190.0	197.2	198.4	267.1	341.1	215.9	309.0	350.8
Grain mill products	184.1	189.3	180.9	175.8	183.4	199.9	197.0	193.7
Bakery products	151.3	151.7	155.3	158.7	157.7	162.0	167.0	166.3
Miscellaneous foods	190.6	201.9	195.5	188.0	201.7	212.8	203.7	208.9
Beverages	201.3	211.0	237.4	217.0	235.6	281.6	253.4	272.3
Carbonated beverages	181.0	186.2	215.2	221.5	236.3	272.0	301.9	287.9
Breweries	185.7	191.1	239.2	227.1	202.3	245.9	256.8	230.2
Distilleries	262.1	284.8	266.4	192.3	313.5	386.1	196.7	356.2
Tobacco and tobacco products	232.1	243.4	279.4	179.1	248.0	278.8	170.6	248.6
Rubber products	232.8	237.4	240.3	175.4	180.6	270.8	200.2	198.6
Leather products	137.3	135.2	131.6	97.4	138.6	139.1	98.4	140.4
Boots and shoes	136.9	134.3	128.8	88.1	139.5	142.4	88.0	143.5
Textiles	203.3	220.6	228.6	173.9	214.7	238.9	175.7	220.3
Cotton goods	141.2	149.7	139.8	100.3	150.0	115.6	72.9	109.9
Woollen goods	91.2	89.6	103.7	71.7	85.6	115.8	71.5	91.7
Synthetic textiles and silk	338.4	391.3	426.1	292.2	374.2	474.0	318.2	427.3
Clothing	163.4	171.2	166.3	168.4	179.2	175.7	175.6	181.0
Paper products	186.3	198.3	199.9	192.9	205.3	222.5	209.3	224.0
Pulp and paper	182.0	192.8	193.7	184.2	197.1	215.2	199.5	216.5

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

Industry or industry group	Annual averages		Without seasonal adjustment					
			1965			1966		
	1964	1965	June	July	Aug.	June	July	Aug.
NON-DURABLE MANUFACTURES -								
Concluded:								
Printing, publishing and allied industries	207.4	223.3	222.4	205.9	212.4	241.7	221.1	229.0
Products of petroleum and coal	330.1	345.9	346.0	359.9	361.5	375.7	390.3	397.7
Petroleum products	357.9	375.5	375.8	391.2	393.0	409.0	425.1	
Chemicals and allied products	312.7	344.7	355.0	315.6	336.8	390.2	342.2	364.9
Acids, alkalies, salts and fertilizers	416.5	469.0	463.6	390.5	426.0	523.2	439.1	484.2
Miscellaneous manufactures	386.5	407.3	403.6	411.1	418.9	444.5	451.0	458.9
DURABLE MANUFACTURES	212.7	237.2	252.8	227.6	215.8	267.5	236.8	227.6
Wood products	174.3	181.7	191.6	178.7	189.7	195.3	189.0	191.5
Saw and planing mills	180.0	182.8	198.2	178.7	193.5	197.3	187.1	189.3
Veneers and plywoods	397.7	403.8	380.0	296.5	427.7	421.0	370.3	454.8
Sawmills	172.8	177.1	202.2	181.6	185.8	199.4	189.1	181.0
Furniture	192.6	216.3	213.4	215.2	219.5	230.7	234.2	239.1
Iron and steel products	215.2	239.1	254.6	233.9	243.1	261.9	241.1	247.2
Machinery	213.1	248.1	246.7	251.8	255.0	272.1	272.2	273.4
Iron castings	199.3	218.9	274.8	208.3	177.8	225.9	162.4	191.5
Primary iron and steel	291.2	320.0	346.3	306.5	330.0	341.9	304.4	304.6
Sheet metal products	248.1	274.2	290.4	294.7	294.3	296.9	299.2	304.1
Transportation equipment	210.5	250.0	284.4	230.4	125.5	305.7	223.1	147.7
Aircraft and parts	336.3	319.3	320.5	322.9	310.6	412.2	416.4	418.4
Motor vehicles	274.2	347.6	433.3	305.9	44.9	458.8	254.7	65.5
Motor vehicle parts	262.2	317.2	320.8	299.8	289.9	337.7	325.7	317.2
Railway rolling stock	58.9	62.6	62.4	63.6	63.2	61.5	60.4	60.8
Shipbuilding and repairs	148.7	161.9	164.9	155.6	154.5	172.4	164.9	162.3
Non-ferrous metal products	174.2	186.9	185.1	179.7	182.1	201.3	184.0	179.7
Brass and copper products ...	155.6	162.7	143.6	141.9	146.8	182.5	179.6	180.7
Smelting and refining	176.5	188.9	191.2	181.6	183.6	201.3	175.2	168.0
Electrical apparatus and supplies	279.1	319.2	317.5	279.0	320.9	356.5	323.6	366.5
Heavy electrical machinery ..	213.0	241.6	243.8	245.2	240.3	271.4	274.2	272.9
Telecommunication equipment	744.5	895.1	832.2	579.9	990.4	922.4	716.4	1,077.2
Refrigerators and appliances	274.9	301.9	331.5	262.2	257.9	356.1	299.7	338.3
Non-metallic mineral products	268.2	286.9	321.4	321.2	329.1	335.4	338.4	338.9
Concrete products	814.1	858.0	1,027.9	1,022.3	1,071.9	1,073.0	1,055.0	1,090.4
Hydraulic cement	277.5	298.8	384.0	375.0	359.2	390.5	423.5	380.1
Domestic clay products	138.3	142.8	151.9	151.5	150.6	162.9	158.5	140.0
ELECTRIC POWER AND GAS UTILITIES	405.7	448.3	394.6	368.5	384.8	455.9	412.7	438.8
Electric power	371.5	408.8	376.0	358.3	375.7	439.2	406.1	432.8
Gas	711.0	800.6	560.8	459.2	465.7	604.8	472.0	492.0

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.

Per cent changes in major industry groupings
over recent cycles in production

	Peak to peak			Trough to peak		
	3Q'53 - 4Q'56	4Q'56 - 1Q'60	1Q'60 - IIQ'66(1)	2Q'54 - 4Q'56	4Q'57 - 1Q'60	1Q'61 - IIQ'66(1)
Real domestic product less						
agriculture	21.4	9.0	38.2	23.1	10.5	39.0
Forestry	19.0	1.3	23.9	17.9	33.7	38.8
Fishing and trapping	1.8	- 18.4	41.5	3.9	- 7.4	- 13.7
Mining	55.5	24.7	38.9	48.6	16.2	46.6
Manufacturing	20.1	6.1	49.5	24.4	12.8	53.6
Non-durable	19.3	12.9	43.9	19.4	14.6	43.0
Durable	21.1	- 1.2	56.3	30.1	10.9	67.4
Construction	27.8	- 0.9	35.7	34.0	- 3.9	43.8
Electric power and gas						
utilities	44.4	38.1	69.5	33.9	28.9	63.6
Other goods industries, n.e.c.	9.7	- 4.1	16.7	21.2	1.5	16.8
Transportation, storage and						
communication	26.4	7.9	47.9	34.6	9.7	44.5
Transportation	25.7	4.7	50.8	40.1	9.0	48.2
Trade	20.7	6.9	28.0	24.5	9.7	29.9
Wholesale	20.8	11.0	33.0	31.9	16.8	42.9
Retail	20.6	4.7	25.1	20.8	6.1	23.1
Finance, insurance and real						
estate	16.9	15.5	32.4	12.0	9.6	27.8
Public administration and						
defence	10.4	9.1	11.6	7.0	5.1	6.7
Community, recreation, business						
and personal service	12.0	12.2	27.0	10.6	11.1	24.2

(1) At the end of the second quarter of 1966, production was still expanding.

Real Domestic Product less Agriculture,

Second Quarter, 1966

At an index level of 231.7 for the second quarter of 1966, seasonally adjusted Real Domestic Product, less agriculture, was 0.8 per cent higher than in the preceding quarter.

Non-agricultural real output for the first six months of 1966 was 7.4 per cent above the comparable 1965 figure. This increase compares favourably with the 4.7 per cent post-war average rate of growth for non-agricultural real output, as production would actually have to decline by about one per cent in each of the third and fourth quarters (on a seasonally adjusted basis) in order to reduce the 1966 gain to 4.8 per cent. A one per cent increase in each of the last two quarters of 1966 would result in a 6.4 per cent increase for the year 1966 as a whole. The following are the percentage changes in the major industry groupings resulting from a comparison of the first six months of 1966 with the first six months of 1965, on a seasonally unadjusted basis:

Real Domestic Product, less agriculture	7.4
Forestry	4.1
Fishing and trapping	0.4
Mining	8.6
Manufacturing	9.2
Construction	10.8
Electric power and gas utilities	13.2
Transportation, storage and communication	8.7
Trade	4.9
Finance, insurance, real estate	4.9
Public administration and defence	1.8
Community, recreation, business and personal service	4.6

Table (A) shows the percentage increases of the major industry groupings and their contributions, over the past four quarters, to the 39.0 per cent advance in non-agricultural real output from the first quarter, 1961, cyclical low. During the 1957-60 and the 1954-56 expansions, non-agricultural real out-put increased by 10.5 per cent and 23.1 per cent, respectively, as measured from the trough to the peak in the cycle in aggregate production (see Table on page 7). The current expansion has been of considerably longer duration than the preceding two, having now lasted for twenty-one quarters.

Turning to the second quarter of 1966, the goods-producing industry group (less agriculture) advanced by 1.3 per cent from the first quarter level and accounted for over 80 per cent of the increase in non-agricultural real output, with all major industry groupings contributing to this gain. The service-producing industry group showed only a fractional increase, 0.2 per cent. This was largely the result of the strong dampening influence of the 2.8 per cent decline in trade upon gains in the other service-producing industries.

The 3.4 per cent advance in the transportation, storage and communication group was the largest single contributor to the second quarter gain in non-agricultural real output, accounting for about 40 per cent of this increase. Within transportation, storage and communication, all three components advanced from first quarter levels. The 3.5 per cent increase in transportation accounted for the larger part of the gain and originated mostly with the strong increases in air, pipeline and truck transport, which showed gains ranging from 6 1/2 to 7 per cent. The increase in truck transport was probably at least partly due to a recovery from a strike-affected first quarter level. The bus and coach, railway and water transport industries also showed increases in the second quarter. It should be noted that the labour disputes in several Canadian ports during the second quarter do not appear to have had a significant effect on Canadian registered shipping during that period.

The next largest contribution to the second quarter gain in non-agricultural real output came from the 3.0 per cent advance in mining, which accounted for just over one-fifth of the increase. Within mining, the 9.3 per cent gain in fuel mining, originating mostly with crude petroleum mining, accounted for all of the gain, as metal mining and non-metal mining declined by 0.9 and 5.4 per cent, respectively. The iron ore component of metal mining showed a particularly large decrease, 10.7 per cent.

TABLE A.

	IQ'61 - IIIQ'65		IQ'61 - IVQ'65		IQ'61 - IQ'66		IQ'61 - IIQ'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
Gross domestic product								
less agriculture	32.4	32.4	35.2	35.2	37.9	37.9	39.0	39.0
Forestry	20.2	.4	22.0	.4	27.9	.5	38.8	.7
Fishing and trapping ..	- 17.7	- .1	- 12.9	- .1	- 15.6	- .1	- 13.7	- .1
Mining	38.4	2.3	39.2	2.3	42.3	2.5	46.6	2.7
Manufacturing	45.3	13.3	49.3	14.5	53.0	15.6	53.6	15.8
Non-durable	34.8	5.8	37.9	6.3	41.6	6.9	43.0	7.1
Durable	58.9	7.5	64.2	8.2	67.8	8.7	67.4	8.6
Construction	33.7	2.3	38.5	2.6	41.0	2.8	43.8	3.0
Electric power and gas utilities	47.3	1.6	55.5	1.9	61.1	2.0	63.6	2.1
Other goods, n.e.c. ...	14.9	.2	15.2	.2	16.1	.2	16.8	.2
Transportation, storage and communication ...	34.8	3.3	37.9	3.6	39.8	3.8	44.5	4.2
Transportation	37.4	2.6	40.4	2.8	43.2	3.0	48.2	3.3
Trade	28.7	4.3	31.4	4.8	33.6	5.1	29.9	4.5
Wholesale	41.0	2.1	45.2	2.3	43.7	2.3	42.9	2.2
Retail	22.3	2.2	24.3	2.4	28.4	2.8	23.1	2.3
Finance, insurance and real estate	23.3	2.5	23.8	2.5	26.3	2.8	27.8	3.0
Public administration and defence	4.4	.3	5.1	.3	5.3	.3	6.7	.4
Community, recreation, business and personal service	20.8	2.1	22.2	2.3	23.6	2.4	24.2	2.5

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

Among the other goods-producing industries, increases of about 2 per cent were recorded by construction, electric power and gas utilities and fishing and trapping, while forestry output advanced by 8.6 per cent, largely as a result of substantial increases in pulpwood production.

Manufacturing, which is usually the largest contributor to changes in non-agricultural real output, showed a fractional gain in the second quarter, thus accounting for only about 17 per cent of the total gain. Within manufacturing, a 1.0 per cent increase in non-durable manufacturing was dampened by a 0.2 per cent decline in durables.

The bulk of the decline in durables came from a 6.6 per cent drop in motor vehicles and a 3.3 per cent decline in motor vehicle parts production, which resulted in a 3.6 per cent decrease in the transportation equipment group. Almost all of the 1.6 per cent decline in the iron and steel products group (its first since the beginning of the current expansion in aggregate production) came from the primary iron and steel and the iron castings industries which decreased by 3.7 and 8.9 per cent, respectively. The non-metallic minerals group also declined in the second quarter (- 2.1%), as a result of sharp drops in its cement and concrete cement products components. Increases ranging from one to 6 per cent were recorded by the wood products, non-ferrous metal and electrical apparatus groups. All of the increase in wood products came from a 3.5 per cent gain in saw mills, while the 2.5 per cent increase in smelting and refining accounted for most of the advance in the non-ferrous metals group. Most notable, however, was the 20.0 per cent increase in the telecommunication equipment component of the electrical apparatus and supplies group, which represented a recovery from a decline earlier in the year.

Within non-durable manufacturing, the output of most industry groups advanced from first quarter levels. The largest increase, 6.5 per cent, was recorded by the petroleum products group, followed by clothing, miscellaneous manufacturing industries, chemicals and foods and beverages, the last mentioned group increasing by 1.4 per cent. Total food products advanced by 1.1 per cent, while beverage products showed a gain of 2.3 per cent. Within chemicals, the 4.9 per cent gain in the acids, alkalies, salts and fertilizers industry contributed the major part of the increase. The output of the tobacco, rubber, and textile products groups declined from first quarter levels, the last as a result of strikes in the industry.

CHART-1

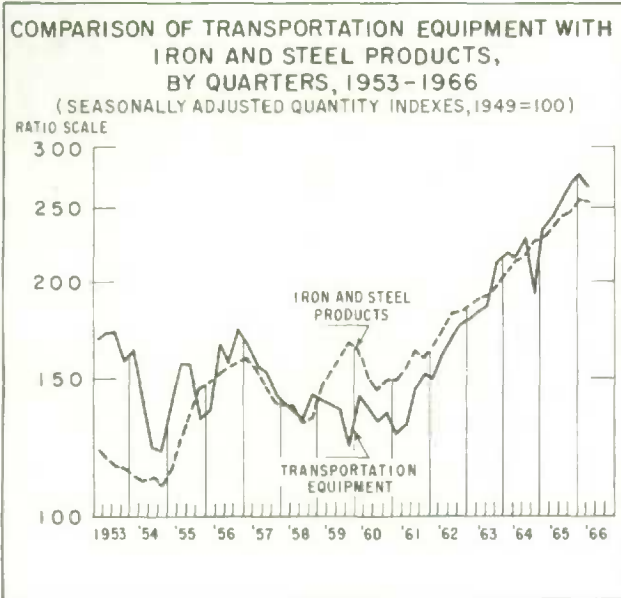
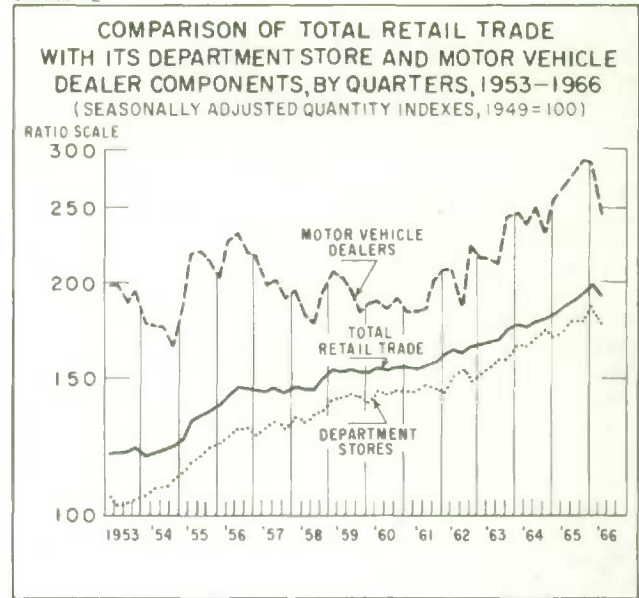


CHART-2



Trade was the only major industry grouping to show a decline in the second quarter, with most of the decrease coming from a 4.1 per cent decline in retail trade. Wholesale trade showed a fractional decline. Within retail trade, most components recorded decreases from very high first quarter levels. However, the 15 per cent and 4.5 per cent declines in motor vehicle dealer and department store sales were the largest contributors to the drop in retail trade, accounting for about two-thirds of the decline. Clothing stores, furniture and appliances and lumber and building material dealers also showed declines, ranging from 3 to 7 per cent. Food and variety stores and fuel dealers were among the trades to record gains in the second quarter. Within wholesale trade, sales of textiles, clothing and furnishings, construction materials and supplies, and industrial and transportation equipment and supplies were among the trades to show strong declines from first quarter levels. Substantial increases occurred in wholesale sales of coal and coke and petroleum products.

The remaining service-industry groups showed increases in the second quarter. Public administration and defence increased by 1.4 per cent, with all three components, federal, provincial and municipal, contributing to the increase. The finance, insurance and real estate and the community, recreation, business and personal service groups advanced by 1.2 and 0.5 per cent, respectively, the latter largely as a result of increases in its community service component.

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 manu- facturing
									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	229.8	164.8	119.8	383.4	263.7	421.2	604.2	244.9	237.6
2	231.7	178.9	122.5	395.0	261.2	398.5	660.6	245.9	240.0
3									
4									
	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 ^x	160.4	120.4	365.6	249.5	377.2	592.8	230.1	224.1
1966									
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 ^r	144.3	74.7	351.5	233.8	326.3	619.9	218.6	212.1
2	219.2 ^r	151.5	118.1	356.2	252.4	376.7	551.6	231.8	222.1
3	223.2 ^r	184.9	163.7	379.1	261.2	381.9	594.7	227.3	227.3
4	231.1 ^r	161.0	125.2	375.6	250.9	423.7	605.0	242.7	234.8
1966 - 1	218.3	145.9	78.6	371.4	238.1	390.0	655.9	240.9	231.4
2	234.3	161.6	114.9	397.2	272.0	409.4	638.7	251.2	241.8

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	203.9	251.9	251.1	138.7	224.9	181.0	218.3	239.6
3								
4								
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								
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	202.1	266.9	267.5	138.8	232.1	177.8	219.0	249.6
3								
4								

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	446.6	252.9	188.2	253.2	265.7	198.4
3								
4								
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								
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	436.3	262.1	188.3	260.2	300.9	200.2
3								
4								

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	Wholesale
	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	223.5	490.6	235.2	223.4	231.6	207.0	222.5
2	359.3	300.6	227.9	498.4	243.1	231.2	256.6	201.2	221.2
3									
4									
	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 ^r	448.3	224.8	212.2	230.4	197.6	217.1
1966									
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 ^r	491.3	198.7	181.4	174.0	177.8	217.1
2	311.0	284.0	208.1 ^r	421.9	226.0	215.8	222.1	203.0	226.7
3	313.7	329.1	255.3 ^r	386.7	240.2	233.2	254.4	189.8	201.1
4	348.2	308.1	239.0 ^r	493.3	234.2	218.4	271.2	220.0	223.5
1966 - 1	333.5	245.4	159.8	553.2	213.6	196.6	187.9	192.2	229.7
2	352.3	301.7	228.5	480.6	248.2	239.0	257.5	207.2	231.1
3									
4									

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	218.7	192.1	184.2	254.1	207.9	232.7	202.0	271.4
2	190.8	221.3	194.7	185.1	257.4	208.4	234.5	204.5	273.8
3									
4									
Without seasonal adjustment									
1963	168.8	194.5	188.1	165.0	202.9	180.4	191.2 ^r	190.1 ^r	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 ^r	200.5	221.0 ^r	198.6	254.9
1966									
1963 - 1	143.6	186.5	181.0	158.3	184.6	167.6	174.8 ^r	184.1 ^r	206.5
2	171.4	194.4	188.0	164.4	203.5	181.8	192.3 ^r	189.7 ^r	216.6
3	164.5	199.3	196.0	170.0	208.7	182.9	195.1 ^r	195.4 ^r	212.5
4	195.6	197.7	187.5	167.1	214.9	189.1	202.4 ^r	191.1 ^r	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 ^r	185.7	203.3 ^r	192.9	245.9
2	190.6	212.5	190.6	178.1	237.9 ^r	202.3	221.3 ^r	198.3	254.0
3	183.8	216.7	198.6	184.5	244.7 ^r	203.7	225.1 ^r	204.0	250.7
4	218.2	214.0	189.8	182.1	254.4 ^r	210.1	234.4 ^r	199.2	268.9
1966 - 1	172.6	214.7	185.8	179.3	242.0	197.0	220.4	198.0	270.0
2	194.7	222.6	195.1	185.5	259.4	211.6	237.3	204.9	277.6
3									
4									

- (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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TABLE B.

Direct Effects of Motor Vehicle Industries(1) on Non-agricultural Real Output, 1961-66

	Non-agricultural real output		Motor vehicle industries(1)		Non-agricultural real output less motor vehicle industries	
	Index	% Δ	Index	% Δ	Index	% Δ
1949 Industry weight	89.286		2.347		86.939	
Seasonally adjusted indexes, 1949=100						
1961 - 1st Quarter	166.7	-	154.1	- 6.9	167.0	0.2
2nd Quarter	169.9	1.9	158.2	2.7	170.3	2.0
3rd Quarter	174.1	2.5	172.4	9.0	174.2	2.3
4th Quarter	175.8	1.0	183.7	6.6	175.6	0.8
1962 - 1st Quarter	178.6	1.6	183.9	0.1	178.5	1.7
2nd Quarter	180.8	1.2	196.2	6.7	180.4	1.1
3rd Quarter	182.8	1.1	197.1	0.5	182.4	1.1
4th Quarter	183.6	0.4	221.7	12.5	182.6	0.1
1963 - 1st Quarter	187.0	1.9	223.4	0.8	186.0	1.9
2nd Quarter	189.2	1.2	225.6	1.0	188.2	1.2
3rd Quarter	191.0	1.0	228.4	1.2	190.0	1.0
4th Quarter	197.0	3.1	265.3	16.2	195.2	2.7
1964 - 1st Quarter	202.8	2.9	272.5	2.7	200.9	2.9
2nd Quarter	203.1	0.1	264.4	- 3.0	201.5	0.3
3rd Quarter	205.4	1.1	283.7	7.3	203.3	0.9
4th Quarter	208.5	1.5	232.7	- 18.0	207.8	2.2
1965 - 1st Quarter	213.4	2.4	290.3	24.8	211.3	1.7
2nd Quarter	216.4	1.4	306.2	5.5	214.0	1.3
3rd Quarter	220.7	2.0	325.2	6.2	217.8	1.8
4th Quarter	225.4	2.1	341.0	4.9	222.3	2.1
1966 - 1st Quarter	229.8	2.0	342.3	0.4	226.8	2.0
2nd Quarter	231.7	0.8	313.0	- 8.6	229.5	1.2

(1) Includes the motor vehicles and motor vehicle parts producing industries from the durable manufacturing group, and the motor vehicle dealer industry from retail trade.