

CATALOGUE No.

61-005

Monthly

C.I

Vol. 8, No. 12

DOMINION BUREAU OF STATISTICS

OTTAWA - CANADA

Published by Authority of the Minister of Trade and Commerce

DOMINION BUREAU
OF STATISTICS

FEB 18 1969

Price: 10 cents, \$2.00 a year

PROPERTY OF THE
LIBRARY

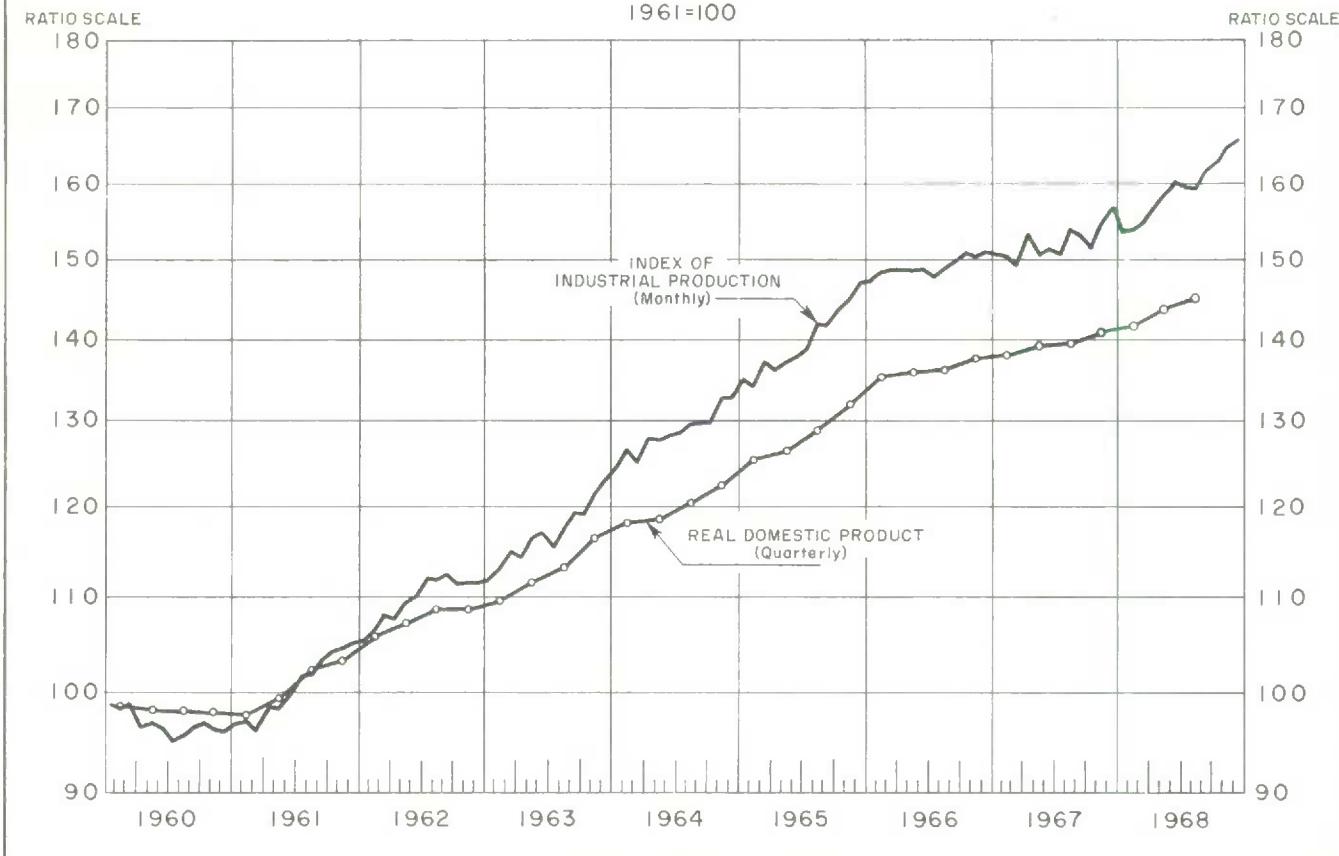
INDEX OF INDUSTRIAL PRODUCTION (1961=100)

DECEMBER 1968

The seasonally adjusted index of industrial production advanced by 0.5 per cent in December.

Real Domestic Product in the third quarter 1968 advanced by 1.0 percent from its second quarter 1968 level.

COMPARISON OF REAL DOMESTIC PRODUCT WITH THE INDEX OF INDUSTRIAL PRODUCTION, 1960-1968



This issue includes indexes of Real Domestic Product for the third quarter of 1968.

National Accounts, Production and Productivity Division
Industrial Output Section

February 1969
2205-502

December Index of Industrial Production

The seasonally adjusted Index of Industrial Production rose to 165.7 in December, a gain of 0.5 percent from the revised November level of 164.9. Both manufacturing and utilities contributed to the increase, while mining fell. In manufacturing the net gain came from a 2.0 percent advance in non-durables.

The strong increase in the paper and allied industries was responsible for almost one half of the non-durables' movement. This mainly reflected the growth of newsprint production in response to higher demand from the U.K., Japan, and the U.S., where the increased demand was largely generated by increased newspaper advertising. The foods and beverages group was also particularly strong in December.

The drop in transportation equipment, in particular motor vehicles, was the major factor in the durables' decline.

Cold weather in most parts of Canada, which caused an increase in electric power generation, was the main reason for the utilities increase. In mining most of the decline was due to the metals component.

4th Quarter and Annual

The seasonally adjusted Index of Industrial Production advanced by 2.7 percent in the fourth quarter of 1968, leaving the year as a whole 5.0 percent higher than in 1967. The gain was a considerable improvement over the 1967 performance when the Index advanced by only 1.9 percent. The improvement shown by the Index in 1968, however, fell far short of the average annual growth rate of the 1961-67 period. Details of quarterly and annual movements, together with comparable figures for the U.S., are shown in the following tables.

TABLE 1. Percent change by Quarter and Year, for the Index of Industrial Production and Principal Components
(quarterly data is seasonally adjusted)

	Canada				
	1st Q. 68 4th Q. 67	2nd Q. 68 1st Q. 68	3rd Q. 68 2nd Q. 68	4th Q. 68 3rd Q. 68	1968 1967
Index of industrial production	0.0	+ 2.7	+ 1.1	+ 2.7	+ 5.0
Mining	- 0.3	+ 2.3	+ 0.4	+ 0.2	+ 5.2
Manufacturing	- 0.3	+ 3.2	+ 0.6	+ 3.3	+ 4.6
Non-durable manufacturing	+ 2.2	+ 1.4	- 1.8	+ 4.1	+ 4.6
Durable manufacturing	- 2.7	+ 5.1	+ 3.1	+ 2.5	+ 4.6
Electric power, gas and water utilities	+ 2.9	- 0.5	+ 5.8	+ 1.6	+ 8.0

TABLE 2. Annual growth Rates for the Index of Industrial Production and Principal Components, Canada and U.S.A.

	1968-1967		1967-1966		1961-67(1) Average Annual Growth rates	
	Canada	U.S.A.	Canada	U.S.A.	Canada	U.S.A.
Index of industrial production	+ 5.0	+ 4.6	+ 1.9	+ 1.2	+ 7.6	+ 6.6
Mining	+ 5.2	+ 2.0	+ 6.4	+ 2.7	+ 6.7	+ 3.3
Manufacturing	+ 4.6	+ 4.4	+ 0.3	+ 0.7	+ 7.6	+ 6.9
Non-durable manufacturing	+ 4.6	+ 5.3	+ 1.3	+ 2.5	+ 5.8	+ 5.6
Durable manufacturing	+ 4.6	+ 3.7	- 0.6	- 0.7	+ 9.7	+ 7.9
Utilities	+ 8.0	N.A.	+ 9.2	+ 6.3	+ 8.4	+ 7.2

(1) Calculated by the least squares of logarithms method.

Growth in the Index of Industrial Production was halted in the first quarter of 1968, largely as a result of labour disputes in the motor vehicles and motor vehicles parts and accessories industries. If these industries had maintained their fourth quarter 1967 production levels then the Index of Industrial Production would have risen by almost 1 percent. In non-durables the growth was primarily due to gains in the foods and beverages and the chemicals components.

Movement in the second quarter was also considerably affected by labour disputes. To a considerable extent the large gain in durables, which was the major factor in the Index's strong upwards movement, was due to recovery from labour disputes. The slackening off of growth in non-durables was also, to a considerable extent, due to labour disputes; principally in the distilleries and rubber products industries. Partially offsetting these was the large increase shown by pulp and paper which in part was in anticipation of strikes that were expected in the third quarter.

The Index of Industrial Production increased by only 1.1 percent in the third quarter. This reduction from the second quarter rate of growth was largely due to the decline in non-durables, and was in part due to labour disputes.

In the fourth quarter output continued to expand as the Index of Industrial Production advanced by 2.7 percent. Most of this gain was due to the increase in manufacturing output, with both non-durables and durables contributing. All major groups contributed to the non-durables gain, the first time this has occurred since the first quarter of 1962. The major factor in the gain was the strong advance in pulp and paper mills. The production increase here was in part due to increased newspaper advertising in the U.S. In durables wood products were the major factor in the gain as lumber production increased.

In mining the fourth quarter gain was due to the fuels component. In utilities the gain was due to electric power.

NOTES TO USERS

1. Annual growth rates for selected industries, for selected periods were published in the September, 1968 issue of this publication. A re-print of these rates can be obtained by writing to the Industrial Output Section, National Accounts, Production and Productivity Division, DBS.

2. The figures in tables 1 and 2 may not reconcile with those on the Index of Industrial Production in tables 3 and 4 because of small revisions to earlier months which have not been incorporated in the latter table.

TABLE I. Seasonally Adjusted Index of Industrial Production
(1961=100)

S.I.C.	Industry or industry group	1961 percentage weights	Seasonally adjusted					
			1968					
			July	Aug.	Sept.	Oct.	Nov.	Dec.
	INDEX OF INDUSTRIAL PRODUCTION	31.851	159.5	159.3	161.6	162.9	164.9	165.7
4	MINES (including Milling), QUARRIES AND OIL WELLS	4.298	156.1	154.3	152.9	155.0	155.4	154.0
4:01	Metal mines	2.463	147.8	143.9	142.6	145.4	145.2	142.6
051;052	Placer gold and gold quartz mines .....	.325	55.1	56.8	64.3	55.1	57.5	57.3
058	Iron mines .....	.309	293.7	298.1	294.0	301.2	291.0	313.0
053-057;059	Miscellaneous metal mines, n.e.s.	1.829	139.7	133.3	130.9	135.1	136.1	128.9
4:02	Mineral fuels	1.030	165.4	171.2	166.2	170.5	171.1	175.4
061	Coal mines .....	.152	104.5	105.2	87.9	92.5	89.0	99.3
064	Crude petroleum and natural gas .....	.878	175.9	182.6	179.7	184.0	185.3	188.6
4:03	Non-metal mines except coal mines .....	.385	195.5	190.5	194.4	186.1	193.4	187.4
071	Asbestos mines .....	.274	131.2	116.7	127.0	118.6	122.6	115.4
5	MANUFACTURING	24.741	157.8	158.0	161.3	162.5	164.8	165.4
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	13.608	142.1	139.8	142.8	144.2	147.5	150.5
5:01	Foods and beverages	3.547	136.9	139.9	141.6	137.7	141.8	145.0
101;103	Meat products .....	.546	136.8	139.4	140.3	138.6	130.3	140.5
105;107	Dairy products .....	.524	130.2	136.1	138.2	137.0	150.8	143.3
123-125	Grain mills .....	.211	124.8	126.7	129.8	126.0	129.3	136.8
128;129	Bakery products .....	.517	108.4	109.6	106.8	109.7	109.9	110.1
131-139	Other food processors .....	.561	149.9	149.3	155.7	152.3	155.8	153.3
141-147	Beverage manufacturers .....	.820	151.9	162.6	158.1	145.5	157.1	167.3
141	Soft drink manufacturers .....	.234	168.7	188.2	181.4	160.9	168.4	183.2
143	Distilleries .....	.264	197.2	169.1	161.8	157.6	181.1	187.6
145	Breweries .....	.298	97.3	136.3	137.8	121.3	125.3	136.8
5:02	Tobacco products industries .....	.233	119.8	110.3	123.0	127.6	125.5	119.0
5:03	Rubber industries .....	.411	110.0	114.5	149.5	140.2	145.5	153.7
5:04	Leather industries .....	.293	109.5	109.5	113.5	112.7	115.6	106.9
174	Shoe factories .....	.195	112.0	115.6	117.9	118.6	121.8	110.4
5:05	Textile industries .....	.904	171.2	177.2	176.7	178.9	187.5	187.8
183	Cotton yarn and cloth mills .....	.211	88.3	110.0	94.4	96.8	111.4	104.4
201	Synthetic textile mills .....	.304	234.5	235.7	248.5	249.8	262.1	269.8
5:06	Knitting mills .....	.218	134.6	137.2	137.6	140.5	141.9	142.0
5:07	Clothing industries .....	.854	123.2	122.1	119.2	122.3	122.0	121.1
5:10	Paper and allied industries	2.675	134.9	125.6	128.8	135.6	140.6	149.1
271	Pulp and paper mills	2.170	132.9	121.9	125.4	133.4	139.1	149.2
273;274	Paper box and bag manufacturers and other paper converters .....	.453	142.1	141.6	142.2	143.3	144.8	147.3
5:11	Printing, publishing and allied industries	1.353	139.5	136.4	136.9	137.6	142.1	145.3
5:18	Petroleum and coal products industries ....	.583	147.9	143.2	135.0	144.7	141.7	144.9

TABLE 1. Seasonally Adjusted Index of Industrial Production - Concluded
(1961=100)

S.I.C.	Industry or industry group	1961 percentage weights	Seasonally adjusted					
			1968					
			July	Aug.	Sept.	Oct.	Nov.	Dec.
NON-DURABLE MANUFACTURING - Concluded:								
5:19 374	Chemical and chemical products industries ... Manufacturers of pharmaceuticals and medicines	1.682	166.8	158.9	166.4	167.6	167.5	169.4
375 376	Paint and varnish manufacturers .....	.215	218.4	186.3	197.2	185.4	200.9	127.2
376	Manufacturers of soap and cleaning compounds .....	.150	124.9	127.1	133.0	132.4	131.7	127.2
378	Manufacturers of industrial chemicals .....	.148	155.3	130.9	146.4	134.1	182.4	184.6
378	Miscellaneous manufacturing industries .....	.660	178.9	170.2	187.8	190.1	182.4	184.6
5:20		.855	160.1	159.3	161.3	166.3	167.9	166.2
5:08-09;12-17	DURABLE MANUFACTURING	11.133	177.0	180.2	183.9	184.7	186.1	183.6
5:08 251 252	Wood industries	1.117	137.0	144.9	148.4	157.1	162.0	155.2
251	Sawmills and planing mills .....	.678	141.8	152.1	156.7	171.0	179.4	169.1
252	Veneer and plywood mills .....	.153	149.8	154.3	163.1	167.5	164.2	155.6
5:09	Furniture and fixture industries .....	.448	153.3	157.2	160.3	161.7	163.8	165.3
5:12 291 292 294 295	Primary metal industries	2.256	155.1	151.0	154.4	155.0	158.8	161.4
291	Iron and steel mills	1.007	166.0	167.4	172.7	169.5	178.2	186.0
292	Steel pipe and tube mills .....	.126	196.8	151.7	138.7	184.5	165.1	163.8
294	Iron foundries .....	.136	148.3	150.8	149.8	153.9	151.4	154.7
295	Smelting and refining .....	.786	129.8	121.9	127.0	125.6	127.3	124.2
5:13	Metal fabricating industries (except machinery and transportation equipment industries)	1.857	162.0	162.6	165.5	164.7	168.7	168.3
301	Boiler and plate works .....	.078	197.3	202.4	204.4	194.4	210.9	207.1
302	Fabricated structural metal industry .....	.259	147.0	143.7	150.3	148.9	150.2	143.5
303	Ornamental and architectural metal industry .....	.168	143.3	142.8	147.6	142.3	146.1	145.0
304	Metal stamping, pressing and coating industry .....	.458	164.0	169.6	173.0	175.2	176.6	177.2
305	Wire and wire products manufacturers .....	.250	178.2	175.1	172.3	172.1	179.6	175.3
306	Hardware, tool and cutlery manufacturers .....	.165	175.3	179.1	185.8	186.6	189.9	190.4
5:14	Machinery industries (except electrical machinery) .....	.995	203.1	204.2	202.7	198.7	197.7	204.1
5:15 321 323;324	Transportation equipment industries	2.001	239.7	252.0	262.9	265.0	258.8	245.0
321	Aircraft and parts manufacturers .....	.486	127.4	133.9	148.6	139.4	137.7	137.6
323;324	Motor vehicle and truck body and trailer manufacturers .....	.788	358.1	370.7	383.4	396.0	376.4	343.1
325	Motor vehicle parts and accessories manufacturers .....	.397	181.1	208.6	215.8	217.7	220.8	216.5
326	Railroad rolling stock industry .....	.076	218.3	238.0	230.9	223.3	224.9	242.6
327	Shipbuilding and repair .....	.225	157.7	154.5	160.8	154.5	159.9	158.0
5:16 332	Electrical products industries	1.572	189.0	190.9	192.1	191.9	196.5	197.2
332	Manufacturers of major appliances (electric and non-electric) .....	.187	177.6	185.9	169.9	167.6	175.4	178.7
334	Manufacturers of household radio and television receivers .....	.132	230.6	228.8	228.6	228.4	243.8	245.2
335 336	Communications equipment manufacturers .. Manufacturers of electrical industrial equipment .....	.479	240.0	238.4	245.0	246.0	246.6	247.5
336		.305	170.3	172.2	169.9	170.8	173.7	173.7
5:17 341 348 356	Non-metallic mineral products industries .. Cement manufacturers .. Ready-mix concrete manufacturers .. Glass and glass products manufacturers .....	.887 .171 .079 .168	134.1 118.8 170.8 162.1	139.1 123.9 170.6 172.9	140.0 127.4 164.5 172.5	139.1 123.4 175.5 160.7	137.8 119.9 165.1 158.7	131.4 118.8 151.1 160.5
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	2.812	179.9	179.0	177.5	179.1	179.7	186.4
572 574	Electric power .. Gas distribution	2.270 .336	177.4 231.7	176.0 233.0	173.7 235.7	177.9 220.4	178.0 225.1	187.0 219.8

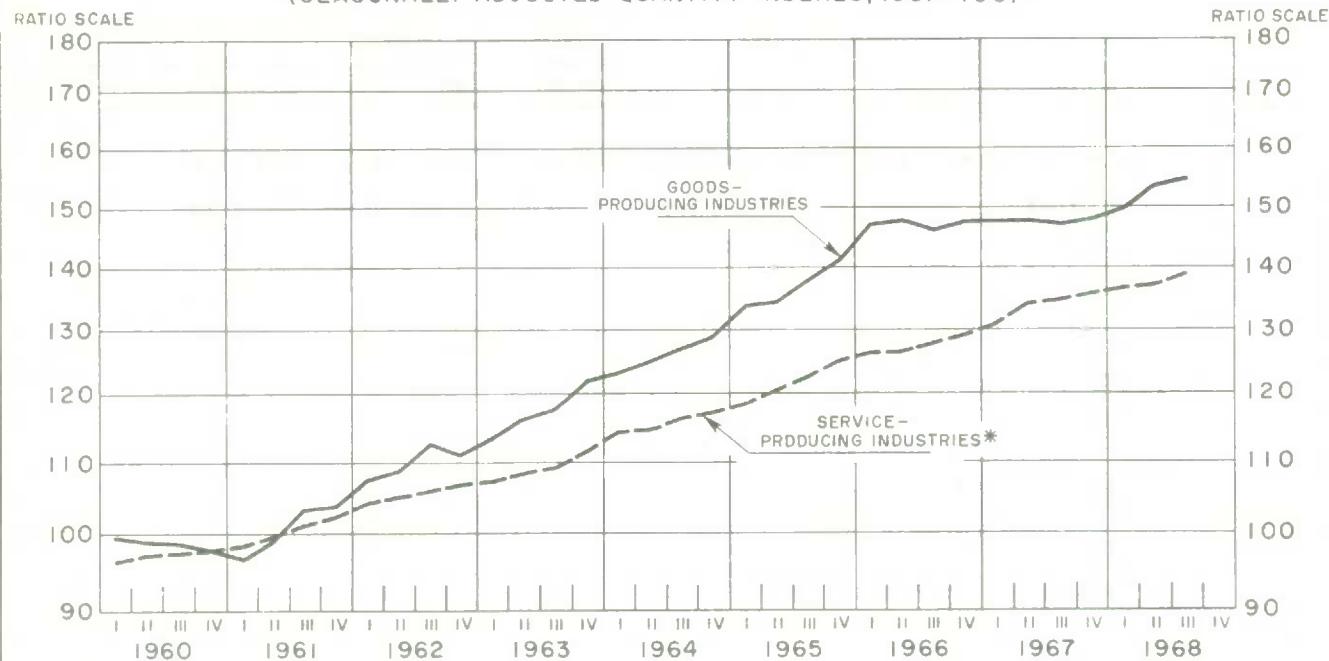
TABLE 1. Index of Industrial Production, without Seasonal Adjustment
(1961=100)

S.I.C.	Industry or industry group	Annual averages		Without seasonal adjustment							
				1967		1968					
		1966	1967	Dec.	Aug.	Sept.	Oct.	Nov.	Dec.		
	INDEX OF INDUSTRIAL PRODUCTION	148.9	151.7	153.3	152.9	164.0	167.2	170.6	162.8		
4	MINES (including Milling), QUARRIES AND OIL WELLS	136.5	145.2	148.5	151.3	157.1	162.1	157.9	154.3		
4:01	Metal mines	125.0	133.8	137.4	137.9	146.1	153.9	145.9	142.6		
051;052	Placer gold and gold quartz mines	71.8	65.4	64.9	56.8	64.1	55.4	56.5	57.1		
058	Iron mines	261.1	276.1	283.4	310.0	343.9	364.4	291.0	306.7		
053-057;059	Miscellaneous metal mines, n.e.s.	111.5	122.0	125.6	123.2	127.3	135.9	137.3	130.1		
4:02	Mineral fuels	145.6	158.0	162.4	166.7	166.4	165.1	172.5	183.2		
061	Coal mines	105.9	106.2	102.0	74.7	89.2	102.7	106.8	103.8		
064	Crude petroleum and natural gas	152.5	166.9	172.9	182.6	179.7	175.9	183.9	196.9		
4:03	Non-metal mines except coal mines	179.2	192.8	204.0	192.0	202.6	206.0	204.4	182.5		
071	Asbestos mines	134.7	130.6	125.9	115.7	126.9	130.0	130.6	108.5		
5	MANUFACTURING	151.2	151.7	150.7	153.3	166.2	167.9	170.8	159.4		
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	135.9	137.6	134.0	144.9	149.5	149.5	152.1	144.0		
5:01	Foods and beverages	129.9	134.9	126.5	160.5	159.6	145.8	147.3	132.0		
101;103	Meat products	125.8	133.7	123.5	138.4	147.1	153.2	153.7	129.1		
105;107	Dairy products	133.7	134.3	109.7	163.4	156.0	136.7	120.7	113.1		
123-125	Grain mills	125.6	129.5	132.4	124.0	130.7	129.2	132.7	135.7		
128;129	Bakery products	111.9	111.3	107.1	112.7	109.6	111.9	110.4	106.6		
131-139	Other food processors	136.6	143.9	155.3	150.6	162.1	172.0	172.9	161.7		
141-147	Beverage manufacturers	133.0	144.9	144.4	185.5	170.9	156.1	183.3	155.7		
141	Soft drink manufacturers	124.4	147.1	152.0	237.7	196.0	137.4	166.7	171.1		
143	Distilleries	155.6	166.4	166.9	182.3	196.2	214.4	257.2	172.6		
145	Breweries	117.9	122.9	117.6	149.3	125.4	113.7	130.3	127.4		
5:02	Tobacco products industries	119.5	120.3	105.6	110.3	127.4	131.8	132.7	107.4		
5:03	Rubber industries	153.0	144.1	150.4	91.6	156.2	147.1	160.2	154.8		
5:04	Leather industries	110.9	104.5	98.8	112.9	119.4	115.1	119.1	98.9		
174	Shoe factories	109.6	106.2	96.4	119.6	124.8	120.6	124.4	98.8		
5:05	Textile industries	155.0	158.0	167.9	178.0	192.2	189.3	200.9	188.9		
183	Cotton yarn and cloth mills	117.4	119.6	108.0	100.4	106.2	107.5	131.4	100.2		
201	Synthetic textile mills	200.8	203.9	228.5	245.1	273.4	260.5	280.4	278.7		
5:06	Knitting mills	138.1	130.8	128.1	141.6	140.0	144.9	145.8	140.1		
5:07	Clothing industries	127.8	122.9	118.2	126.8	122.3	125.3	120.9	116.6		
5:10	Paper and allied industries	129.8	129.8	122.3	128.2	128.6	140.6	144.3	141.2		
271	Pulp and paper mills	127.7	127.8	119.8	123.1	123.6	137.8	143.4	141.0		
273;274	Paper box and bag manufacturers and other paper converters	139.0	138.2	137.7	146.2	147.2	148.0	147.4	145.3		
5:11	Printing, publishing and allied industries	128.3	133.6	132.7	129.8	136.6	141.8	147.7	143.2		
5:18	Petroleum and coal products industries	131.5	135.0	139.3	147.4	135.2	142.4	144.1	151.1		

TABLE 2. Index of Industrial Production, without Seasonal Adjustment - Concluded
(1961=100)

S.I.C.	Industry or industry group	Annual averages		Without seasonal adjustment					
				1967		1968			
		1966	1967	Dec.	Aug.	Sept.	Oct.	Nov.	Dec.
NON-DURABLE MANUFACTURING - Concluded:									
5:19	Chemical and chemical products industries	154.1	156.0	154.0	155.4	166.3	168.9	167.2	164.0
374	Manufacturers of pharmaceuticals and medicines	164.9	171.3	158.3	179.2	204.3	194.3	202.1	
375	Paint and varnish manufacturers	126.2	126.9	95.3	134.7	132.2	120.0	109.1	87.5
376	Manufacturers of soap and cleaning compounds	125.0	129.8	115.8	117.6	149.3	151.5		
378	Manufacturers of industrial chemicals	160.0	169.6	181.6	166.3	184.8	189.6	187.8	190.5
5:20	Miscellaneous manufacturing industries	150.5	153.8	154.6	164.2	167.6	172.8	171.9	161.4
5:08-09;12-17	DURABLE MANUFACTURING	170.0	168.9	171.1	163.6	186.5	190.3	193.8	178.1
5:08	Wood industries	137.5	136.6	118.1	151.6	156.3	154.1	149.4	130.7
251	Sawmills and planing mills	141.1	140.7	116.5	160.9	167.7	164.2	156.1	134.4
252	Veneer and plywood mills	146.0	147.8	130.5	150.3	163.1	167.8	169.0	140.0
5:09	Furniture and fixture industries	155.9	155.4	155.1	162.4	166.9	169.5	170.0	166.3
5:12	Primary metal industries	138.6	138.3	141.6	146.5	153.8	155.2	160.4	153.5
291	Iron and steel mills	153.2	148.1	149.4	162.9	173.6	173.6	180.5	168.1
292	Steel pipe and tube mills	121.4	131.3	164.1	153.7	129.5	139.5	156.8	149.1
294	Iron foundries	153.9	144.1	140.9	113.5	158.9	166.2	157.5	144.9
295	Smelting and refining	110.9	118.3	121.3	120.7	124.6	125.0	128.4	127.6
5:13	Metal fabricating industries (except machinery and transportation equipment industries)	174.3	161.5	155.7	167.1	170.8	168.5	170.4	162.5
301	Boiler and plate works	176.0	173.9	179.0	205.3	212.0	206.2	216.6	207.7
302	Fabricated structural metal industry	217.4	164.5	147.1	150.6	159.7	155.9	154.5	142.4
303	Ornamental and architectural metal industry	173.4	147.4	147.9	157.1	158.6	155.3	154.7	146.9
304	Metal stamping, pressing and coating industry	169.5	164.3	158.2	175.3	177.6	173.5	174.5	170.9
305	Wire and wire products manufacturers	157.9	147.3	132.9	177.2	180.4	177.8	181.6	151.8
306	Hardware, tool and cutlery manufacturers	181.2	180.4	177.8	176.0	183.6	186.6	191.7	191.1
5:14	Machinery industries (except electrical machinery)	202.0	205.3	200.0	202.0	204.3	199.1	198.6	204.6
5:15	Transportation equipment industries	206.9	217.5	248.1	150.7	251.8	275.4	289.8	248.4
321	Aircraft and parts manufacturers	127.6	148.2	158.4	136.5	145.6	140.9	141.6	141.7
323;324	Motor vehicle and truck body and trailer manufacturers	249.4	265.2	337.5	111.2	352.7	411.8	444.2	343.1
325	Motor vehicle parts and accessories manufacturers	201.9	207.4	215.8	208.6	222.2	230.7	231.9	229.3
326	Railroad rolling stock industry	277.0	279.5	274.0	238.0	241.5	236.7	239.5	242.6
327	Shipbuilding and repair	210.1	186.2	163.3	157.6	160.0	155.1	161.0	153.9
5:16	Electrical products industries	184.9	182.0	183.6	189.5	201.5	204.0	210.5	197.2
332	Manufacturers of major appliances (electric and non-electric)	169.8	160.3	148.3	178.7	198.8	189.6	198.2	159.0
334	Manufacturers of household radio and television receivers	192.0	192.8	198.1	217.4	269.7	304.0	331.6	263.1
335	Communications equipment manufacturers	201.2	214.9	226.5	238.9	248.2	249.2	252.5	249.7
336	Manufacturers of electrical industrial equipment	200.5	184.2	184.5	170.8	173.6	174.0	177.9	176.4
5:17	Non-metallic mineral products industries	143.1	135.9	124.9	155.6	156.8	155.0	143.6	117.3
341	Cement manufacturers	138.0	121.7	96.5	158.6	163.1	153.3	122.3	87.7
348	Ready-mix concrete manufacturers	182.5	153.8	123.1	216.0	217.6	238.3	188.6	105.8
356	Glass and glass products manufacturers	159.1	165.0	167.7	173.5	174.6	161.2	160.3	158.4
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	147.8	161.3	183.5	151.2	155.3	169.1	188.1	205.4
572	Electric power	146.9	159.9	173.8	160.2	163.0	174.7	187.1	199.4
574	Gas distribution	174.0	196.8	287.2	107.2	122.5	158.7	233.7	295.2

**COMPARISON OF GOODS-PRODUCING INDUSTRIES WITH THE SERVICE-PRODUCING INDUSTRIES
BY QUARTERS, 1960-68**
(SEASONALLY ADJUSTED QUANTITY INDEXES, 1961=100)



* INCLUDES TRANSPORTATION, STORAGE AND COMMUNICATION; TRADE; FINANCE, INSURANCE AND REAL ESTATE; COMMUNITY, BUSINESS AND PERSONAL SERVICE; PUBLIC ADMINISTRATION AND DEFENCE.

Real Domestic Product, (1) Third Quarter 1968

R.D.P., seasonally adjusted, rose by 1.0 per cent to a level of 145.2 from the revised second-quarter level of 143.8. Third quarter output, however, was dampened by strikes and lockouts, as it was in the first two quarters of this year, which increased by 0.8 and 1.5 per cent, respectively.

Trade accounted for almost half of the total third-quarter increase. Retail trade rose by 4 per cent; almost half of this came from an acceleration in sales of motor vehicle dealers, which more than offset a drop in sales of liquor, beer and wine stores (affected by strikes in Quebec and Ontario). Wholesale trade increased by 3 1/2 per cent.

Electric power, gas and water utilities advanced 6 per cent after a small dip in the second quarter (natural gas was affected by relatively warm weather in April).

Manufacturing industries rose fractionally in the third quarter, with an increase of 3 per cent in durables more than offsetting a drop of 2 per cent in non-durables. An advance in motor vehicle manufacturers and a drop in the strike-affected paper and allied industries group were the most significant changes.

Construction declined 2 per cent, with falls of 1 to 8 per cent in the highways, engineering, and non-residential building components. Residential construction was almost unchanged from its second-quarter level.

The transportation, storage and communication index was slightly less than it was at the end of the second quarter. It was affected by the St. Lawrence Seaway, the postal, and the grain handlers' strikes.

Real Domestic Product, First Three Quarters of 1968

In the first three quarters of this year compared to the same period of 1967, on a seasonally unadjusted basis, R.D.P. rose by 3.7 per cent. This compares with the 1966-67 growth rate of 4.7 per cent, the 1961-67 growth rate of 5.9 per cent, and the 1967 rate of 2.7 per cent. If an increase of 1 per cent is assumed for the fourth quarter of this year, the 1968 growth rate would be 3.8 per cent; if no increase is assumed, the rate of increase would be 3.5; if a decrease of 1 per cent is assumed, the growth would be 3.2 per cent.

(1) It should be noted that the movements shown here may not always coincide with the constant price gross national expenditure data in the quarterly national income and expenditure accounts, due to conceptual and statistical differences. Among these differences are factor cost versus market price valuation, the use of domestic versus national boundaries, and the use of different weight-base periods.

The significant 1968 growths to date are compared with historical rates in the following table.

	Growth Rates			9 Months 1968 9 Months 1967 (without seasonal adjustment)
	1946-67	1961-67	1967/1966	
R.D.P. less agriculture	5.0	6.0	3.6	3.7
Service-producing industries	4.4	5.0	5.0	3.4
Goods-producing industries	5.0	7.0	0.0	3.9
Manufacturing	5.1	7.6	0.3	3.5
Trade	4.6	5.3	4.2	3.3
Finance, insurance and real estate	(1)	3.9	4.4	3.9
Community, business and personal service	4.2	5.8	4.8	2.9
Transportation, storage and communication	4.7	6.6	5.8	3.2
Public administration and defence	(1)	2.2	6.9	4.7
Mining	8.7	6.7	6.4	5.6
Electric power, gas and water utilities	9.3	8.4	9.1	7.4
Construction	6.2	7.0	0.5	4.0

(1) Not available for this time period.

A 0.7 per cent increase was recorded for the Index of Industrial Production components in October.

TABLE 3. Seasonally Adjusted Index of Real Domestic Product
(1961=100)

S.I.C.	Industry or industry group	1961 percentage weights	Seasonally adjusted					
			1967			1968		
			II	III	IV	I	II	III
	REAL DOMESTIC PRODUCT	100.000	139.4	139.7	140.6	141.7	143.8	145.2
1	AGRICULTURE	4.557	131.4	118.8	122.3	128.3	122.7	123.1
	REAL DOMESTIC PRODUCT LESS AGRICULTURE	95.443	139.8	140.7	141.5	142.4	144.8	146.3
2	FORESTRY	1.257	134.3	131.5	124.0	129.4	131.3	133.7
3	FISHING AND TRAPPING .....	.262	94.5	111.4	94.3	104.2	110.9	118.8
4	MINES (including Milling), QUARRIES AND OIL WELLS	4.298	144.8	146.0	150.7	150.3	153.7	154.4
4:01	Metal mines	2.463	131.5	132.7	140.9	139.9	142.9	144.5
4:02	Mineral fuels	1.030	160.7	166.5	159.1	157.2	161.5	168.2
4:03	Non-metal mines except coal mines .....	.385	195.8	188.1	201.9	208.4	210.1	193.5
5	MANUFACTURING	24.741	151.3	151.9	153.5	153.1	158.0	159.0
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	13.608	137.7	137.5	139.0	142.1	144.2	141.5
5:01	Foods and beverages	3.547	134.7	135.8	137.5	142.2	140.1	139.2
5:02	Tobacco products industries .....	.233	122.7	119.2	118.0	119.2	118.4	117.7
5:03	Rubber industries .....	.411	138.6	151.8	148.9	147.3	124.9	124.7
5:04	Leather industries .....	.293	103.3	104.3	107.1	108.8	112.9	110.9
5:05	Textile industries .....	.904	159.3	158.4	163.0	164.3	172.6	175.0
5:06	Knitting mills .....	.218	132.9	130.4	129.3	133.0	135.8	136.0
5:07	Clothing industries .....	.854	124.7	121.2	121.6	122.5	124.9	121.5
5:10	Paper and allied industries	2.675	129.6	128.8	129.1	131.6	142.3	129.7
5:11	Printing, publishing and allied industries	1.353	133.6	133.9	135.2	135.7	136.6	137.5
5:18	Petroleum and coal products industries .....	.583	135.3	135.9	136.1	140.7	142.5	142.1
5:19	Chemical and chemical products industry	1.682	156.5	153.3	156.8	162.9	162.9	164.5
5:20	Miscellaneous manufacturing industries .....	.855	153.4	152.5	156.1	158.8	161.3	160.0
5:08-09;12-17	DURABLE MANUFACTURING	11.133	167.9	169.5	171.1	166.5	175.0	180.3
5:08	Wood industries	1.117	139.6	135.8	135.2	133.8	141.9	143.5
5:09	Furniture and fixture industries .....	.448	156.0	155.8	154.2	155.1	155.7	156.6
5:12	Primary metal industries	2.256	137.4	136.2	143.8	149.1	150.6	153.5
5:13	Metal fabricating industries (except machinery and transportation equipment industries)	1.857	161.4	158.4	160.1	159.2	159.7	163.2
5:14	Machinery industries (except electrical machinery) .....	.995	206.2	206.0	200.7	198.2	192.2	203.2
5:15	Transportation equipment industries	2.001	214.8	228.7	225.2	199.0	237.1	251.4
5:16	Electrical products industries	1.572	177.8	179.3	185.2	185.3	185.9	190.7
5:17	Non-metallic mineral products industries .....	.887	135.0	135.4	137.6	130.4	141.7	137.9
6	CONSTRUCTION INDUSTRY	5.840	143.4	146.2	141.6	143.7	152.5	149.8
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	2.812	160.8	162.3	164.9	169.8	169.0	178.6
572	Electric power	2.270	158.5	160.8	163.3	168.8	168.5	175.7
574	Gas distribution .....	.336	202.6	198.6	203.1	206.1	200.6	231.8
7	TRANSPORTATION, STORAGE AND COMMUNICATION	9.985	144.3	145.1	146.2	149.3	148.5	148.3
7:01	Transportation	7.039	147.4	147.7	149.0	152.5	151.2	150.2
501;502	Air transport .....	.423	217.0	236.3	239.5	239.6	242.8	254.9
504;505	Water transport .....	.685	145.4	127.7	158.6	142.7	135.7	132.9
506	Railway transport	2.969	150.5	151.4	148.2	156.0	155.7	150.3
508	Bus transport, interurban and rural .....	.097	175.4	187.1	167.9	161.9	163.5	155.3
509	Urban transit systems .....	.348	121.3	124.0	101.8	109.1	107.2	112.2
7:02	Storage .....	.363	118.3	110.9	112.5	117.4	112.1	97.3
524	Grain elevators .....	.273	113.7	103.8	105.1	112.6	107.3	89.0
7:03	Communication	2.583	139.4	142.7	143.5	145.2	146.2	150.3

TABLE 3. Seasonally Adjusted Index of Real Domestic Product - Concluded
(1961=100)

S.I.C.	Industry or industry group	1961 percentage weights	Seasonally adjusted					
			1967			1968		
			II	III	IV	I	II	III
8	TRADE	12.721	136.7	136.0	137.4	136.5	137.7	142.7
8:01	WHOLESALE TRADE	4.788	137.1	135.2	137.4	135.2	137.9	142.7
..	Wholesale Merchants	3.449	135.0	133.3	135.6	131.8	135.4	140.4
..	Automotive parts and accessories .....	.283	115.8	118.9	116.9	120.5	121.9	123.7
..	Drugs and drug sundries .....	.097	144.0	143.5	149.0	155.4	155.6	164.9
..	Clothing, furnishings and other textiles ..	.152	104.0	103.0	93.8	102.6	98.1	106.5
..	Fresh fruits and vegetables .....	.072	121.4	124.5	121.4	120.7	120.1	124.9
..	Groceries and food specialties .....	.283	129.8	127.5	129.9	132.8	132.5	131.6
..	Hardware .....	.176	118.5	112.6	109.7	114.6	114.0	115.7
..	Industrial and transportation equipment and supplies .....	.369	156.3	148.0	148.2	150.2	147.5	143.3
8:02	RETAIL TRADE	7.933	136.5	136.5	137.3	137.3	137.6	142.8
..	Grocery and combination stores (chain) .....	.682	129.2	129.0	130.5	132.2	133.1	137.1
..	Grocery and combination stores (independent) .....	.637	120.5	121.7	121.4	120.5	119.9	123.4
..	All other food stores .....	.211	124.7	122.7	121.5	125.4	128.7	125.4
..	Department stores	1.160	131.1	131.2	132.9	135.3	138.2	142.8
..	General stores .....	.232	114.3	113.6	115.3	113.5	114.8	114.7
..	Variety stores .....	.300	175.6	174.9	179.5	167.0	166.2	173.4
..	Motor vehicle dealers .....	.918	156.2	161.9	157.2	157.3	153.1	174.3
..	Clothing stores .....	.503	122.2	118.3	119.6	121.9	119.5	121.2
..	Shoe stores .....	.118	126.1	122.6	128.6	119.7	119.3	121.2
..	Hardware stores .....	.164	128.1	128.7	132.8	132.7	129.9	133.6
..	Furniture, television, radio and appliance stores .....	.336	139.1	133.8	138.3	136.0	142.9	145.7
..	Drug stores .....	.341	143.7	148.1	147.5	152.3	152.8	156.8
9	FINANCE, INSURANCE AND REAL ESTATE	12.013	125.2	126.7	127.8	128.7	130.2	131.2
10	COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES	13.789	138.7	139.9	140.3	141.2	142.2	143.7
10:01	Education and related services	3.527	154.8	155.6	156.1	157.8	160.2	163.0
10:02	Health and welfare services	3.563	128.0	130.4	130.8	132.4	134.2	135.9
10:04	Motion picture and recreational services .....	.389	140.2	139.8	144.6	150.4	148.9	151.4
10:05	Services to business management	1.643	150.2	148.7	149.2	152.1	154.2	156.5
10:06	Personal services	3.623	124.2	124.5	124.5	123.9	122.5	122.3
874	Laundries, cleaners and pressers .....	.398	118.1	117.0	115.0	116.0	114.7	113.6
875	Hotels, restaurants and taverns	2.326	129.9	130.3	130.3	128.8	126.7	126.3
11	PUBLIC ADMINISTRATION AND DEFENCE	7.725	116.2	117.4	117.9	120.2	120.9	121.5
SPECIAL INDUSTRY INDEXES:								
1-6;7:04	Goods-producing industries	43.767	147.3	147.0	147.9	149.1	152.8	153.9
2-6;7:04	Goods-producing industries less Agriculture	39.210	149.2	150.2	150.9	151.5	156.4	157.4
7:01-03;8-11	Service-producing industries	56.233	133.2	134.0	134.9	136.0	136.8	138.5
(1)	Commercial industries	84.355	141.2	141.2	142.2	143.2	145.5	146.9
(1)	Commercial industries less Agriculture	79.798	141.8	142.5	143.4	144.1	146.8	148.3
(1)	Non-commercial industries	15.645	129.8	131.6	132.0	133.7	135.0	136.3
4;5;7 :04	Index of Industrial Production	31.851	151.3	152.0	154.1	154.2	158.4	160.1

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

TABLE 4. Index of Real Domestic Product, Without Seasonal Adjustment

(1961=100)

S.I.C.	Industry or industry group	Without seasonal adjustment								
		Annual averages		1967			1968			
		1966	1967	II	III	IV	I	II	III	
	REAL DOMESTIC PRODUCT	135.5	139.1	138.2	148.9	140.4	133.6	142.8	155.0	
1	AGRICULTURE	145.4	124.7	67.5	296.4	69.7	64.9	56.8	319.5	
	REAL DOMESTIC PRODUCT LESS AGRICULTURE	135.0	139.8	141.6	141.9	143.8	136.9	146.9	147.1	
2	FORESTRY	124.8	129.9	122.0	151.0	122.2	118.3	124.9	151.8	
3	FISHING AND TRAPPING	112.9	104.1	99.7	189.0	74.4	59.1	118.7	211.8	
4	MINES (including Milling), QUARRIES AND OIL WELLS	136.5	145.2	147.0	147.4	151.9	143.4	155.8	153.7	
4:01	Metal mines	125.0	133.8	136.9	135.5	140.4	129.9	148.8	143.4	
4:02	Mineral fuels	145.6	158.0	154.4	160.9	160.4	164.6	157.0	165.5	
4:03	Non-metal mines except coal mines	179.2	192.8	200.0	187.5	211.6	196.0	205.3	185.6	
5	MANUFACTURING	151.2	151.7	155.2	149.4	154.6	150.1	162.6	155.7	
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	135.9	137.6	139.3	139.5	140.1	137.6	145.8	143.6	
5:01	Foods and beverages	129.9	134.9	136.1	152.0	137.9	122.2	141.4	155.8	
5:02	Tobacco products industries	119.5	120.3	129.2	108.7	118.4	122.4	124.6	106.6	
5:03	Rubber industries	153.0	144.1	145.8	131.0	155.7	153.0	130.9	111.2	
5:04	Leather industries	110.9	104.5	103.7	97.4	106.2	116.7	113.3	103.7	
5:05	Textile industries	155.0	158.0	161.3	151.3	169.1	165.3	174.6	170.3	
5:06	Knitting mills	138.1	130.8	130.7	132.2	131.2	131.2	133.6	138.3	
5:07	Clothing industries	127.8	122.9	121.3	122.8	120.7	124.9	121.6	122.9	
5:10	Paper and allied industries	129.8	129.8	130.5	128.4	130.1	132.2	143.2	129.1	
5:11	Printing, publishing and allied industries	128.3	133.6	138.3	128.5	137.4	134.3	141.5	131.1	
5:18	Petroleum and coal products industries ..	131.5	135.0	128.9	138.2	138.2	143.5	137.3	144.7	
5:19	Chemical and chemical products industry ..	154.1	156.0	162.6	148.8	155.3	164.6	169.4	157.4	
5:20	Miscellaneous manufacturing industries ..	150.5	153.8	151.8	155.9	157.8	155.0	159.7	162.6	
5:08-09;12-17	DURABLE MANUFACTURING	170.0	168.9	174.5	161.5	172.2	165.5	183.2	170.4	
5:08	Wood industries	137.5	136.6	141.9	141.7	123.9	136.7	145.3	149.7	
5:09	Furniture and fixture industries	155.9	155.4	152.7	159.0	159.2	150.1	152.4	159.8	
5:12	Primary metal industries	138.6	138.3	143.6	131.7	141.5	149.3	157.7	148.7	
5:13	Metal fabricating industries (except machinery and transportation equipment industries)	174.3	161.5	163.3	160.9	160.0	154.8	161.7	165.3	
5:14	Machinery industries (except electrical machinery)	202.0	205.3	207.9	204.2	200.8	197.9	192.9	201.5	
5:15	Transportation equipment industries	206.9	217.5	241.0	179.7	232.7	207.2	271.1	192.6	
5:16	Electrical products industries	184.9	182.0	176.1	176.5	191.9	183.0	184.1	186.6	
5:17	Non-metallic mineral products industries	143.1	135.9	138.5	149.8	139.6	111.6	145.0	153.8	
6	CONSTRUCTION INDUSTRY	141.7	142.4	143.0	169.9	146.9	114.1	152.3	173.5	
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	147.8	161.3	154.4	138.7	171.1	194.9	163.3	151.3	
572	Electric power	146.9	159.9	153.8	146.7	169.2	182.5	164.8	159.9	
574	Gas distribution	174.0	196.8	180.4	96.1	214.8	323.2	178.8	110.2	
7	TRANSPORTATION, STORAGE AND COMMUNICATION ...	136.4	144.3	147.6	150.6	146.5	139.1	151.6	154.0	
7:01	Transportation	139.2	147.4	152.6	155.9	147.5	138.9	156.2	158.6	
501;502	Air transport	184.7	225.8	223.5	299.3	205.3	203.8	250.0	325.8	
504;505	Water transport	143.8	141.0	166.7	151.5	156.2	84.8	155.5	157.9	
506	Railway transport	146.4	150.7	158.1	153.0	148.8	145.6	163.3	151.1	
508	Bus transport, interurban and rural	153.0	176.9	166.6	250.5	151.3	132.0	156.0	208.1	
509	Urban transit systems	107.6	114.2	121.6	117.2	104.8	111.1	107.6	106.5	
7:02	Storage	113.4	112.8	120.3	117.1	119.8	102.7	111.1	101.6	
524	Grain elevators	108.9	106.2	116.7	109.6	114.2	95.8	106.7	92.4	
7:03	Communication	131.8	140.4	137.8	140.8	147.6	144.7	144.6	148.3	

TABLE 4. Index of Real Domestic Product, without Seasonal Adjustment - Concluded

(1951=100)

S.I.C.	Industry or industry group	Without seasonal adjustment								
		Annual averages		1967			1968			
		1966	1967	II	III	IV	I	II	III	
8	TRADE	129.8	135.3	141.6	129.2	149.2	126.6	142.5	136.0	
8:01	WHOLESALE TRADE	130.0	134.5	145.7	127.9	138.7	132.0	146.9	135.4	
..	Wholesale Merchants	128.6	132.5	147.6	127.8	134.4	125.1	148.5	135.3	
..	Automotive parts and accessories	112.9	117.3	130.1	123.1	112.5	107.7	138.8	128.6	
..	Drugs and drug sundries	134.4	144.0	136.9	142.6	156.3	156.7	148.1	164.7	
..	Clothing, furnishings and other textiles	98.2	100.0	98.1	108.2	97.4	97.5	92.2	112.6	
..	Fresh fruits and vegetables	113.7	121.2	134.6	123.3	122.8	108.1	132.1	123.4	
..	Groceries and food specialties	121.4	127.9	125.1	132.4	134.7	127.7	127.7	136.6	
..	Hardware	107.7	114.4	125.0	114.5	114.0	101.4	120.6	117.5	
..	Industrial and transportation equipment and supplies	146.6	145.9	183.5	131.7	141.4	143.6	174.6	127.1	
8:02	RETAIL TRADE	129.7	135.8	139.1	130.0	155.6	123.3	139.9	136.3	
..	Grocery and combination stores (chain)	121.7	128.7	132.2	122.6	135.0	131.0	136.2	130.6	
..	Grocery and combination stores (independent)	114.3	120.8	120.2	120.1	127.0	116.7	119.6	122.0	
..	All other food stores	119.0	123.9	126.8	124.2	125.6	117.4	130.8	126.6	
..	Department stores	126.5	131.6	123.6	121.3	176.8	109.8	130.2	132.2	
..	General stores	111.2	114.4	117.1	117.8	128.4	93.7	117.5	118.4	
..	Variety stores	154.3	173.8	170.3	169.6	244.6	117.0	160.4	168.7	
..	Motor vehicle dealers	155.7	155.8	191.4	137.4	150.5	151.6	186.3	151.0	
..	Clothing stores	117.6	119.4	120.8	108.6	151.2	100.9	118.2	111.2	
..	Shoe stores	119.0	123.8	131.5	121.0	154.8	91.7	124.2	119.6	
..	Hardware stores	123.4	129.8	136.2	136.3	151.5	98.1	137.8	141.2	
..	Furniture, television, radio and appliance stores	130.2	136.2	134.1	129.3	161.6	122.0	137.3	141.7	
..	Drug stores	132.3	145.3	141.1	143.3	158.5	149.4	150.0	151.7	
9	FINANCE, INSURANCE AND REAL ESTATE	120.4	125.7	125.4	127.9	127.5	127.5	130.5	132.4	
10	COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES	132.5	138.8	139.1	142.9	139.1	138.8	142.5	146.7	
10:01	Education and related services	151.0	155.0	154.8	155.6	156.1	157.8	160.2	163.0	
10:02	Health and welfare services	122.5	128.8	128.1	130.6	130.8	132.1	134.3	136.2	
10:04	Motion picture and recreational services	133.6	141.7	145.4	154.6	138.4	135.9	154.3	166.7	
10:05	Services to business management	141.4	148.8	150.3	152.8	148.2	148.8	154.3	160.7	
10:06	Personal services	119.0	123.9	125.0	131.2	121.8	119.2	122.9	128.7	
874	Laundries, cleaners and pressers	115.7	116.8	119.6	118.8	115.4	112.4	115.7	115.3	
875	Hotels, restaurants and taverns	123.1	129.6	130.8	140.7	126.0	121.8	127.3	136.3	
11	PUBLIC ADMINISTRATION AND DEFENCE	109.3	116.8	116.3	121.0	119.5	117.9	120.9	125.3	
SPECIAL INDUSTRY INDEXES:										
1-6;7:04	Goods-producing industries	146.7	146.7	142.3	166.9	144.1	137.2	148.3	174.8	
2-6;7:04	Goods-producing industries less Agriculture ..	146.8	149.3	151.0	151.8	152.7	145.6	158.9	158.0	
7:01-03;8-11	Service-producing industries	126.8	133.2	135.1	135.0	137.5	130.8	138.6	139.6	
(1)	Commercial industries	137.8	140.7	139.8	151.7	141.8	133.9	144.3	158.0	
(1)	Commercial industries less Agriculture	137.4	141.7	143.9	143.4	146.0	137.9	149.3	148.8	
(1)	Non-commercial industries	123.1	130.4	129.9	134.0	132.7	131.9	135.0	138.9	
4;5;7:04	Index of Industrial Production	148.9	151.7	154.0	148.2	155.7	153.2	161.8	155.0	

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

STATISTICS CANADA LIBRARY
BIBLIOTHÈQUE STATISTIQUE CANADA



1010546198