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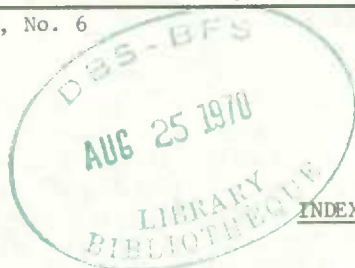
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System of National Accounts

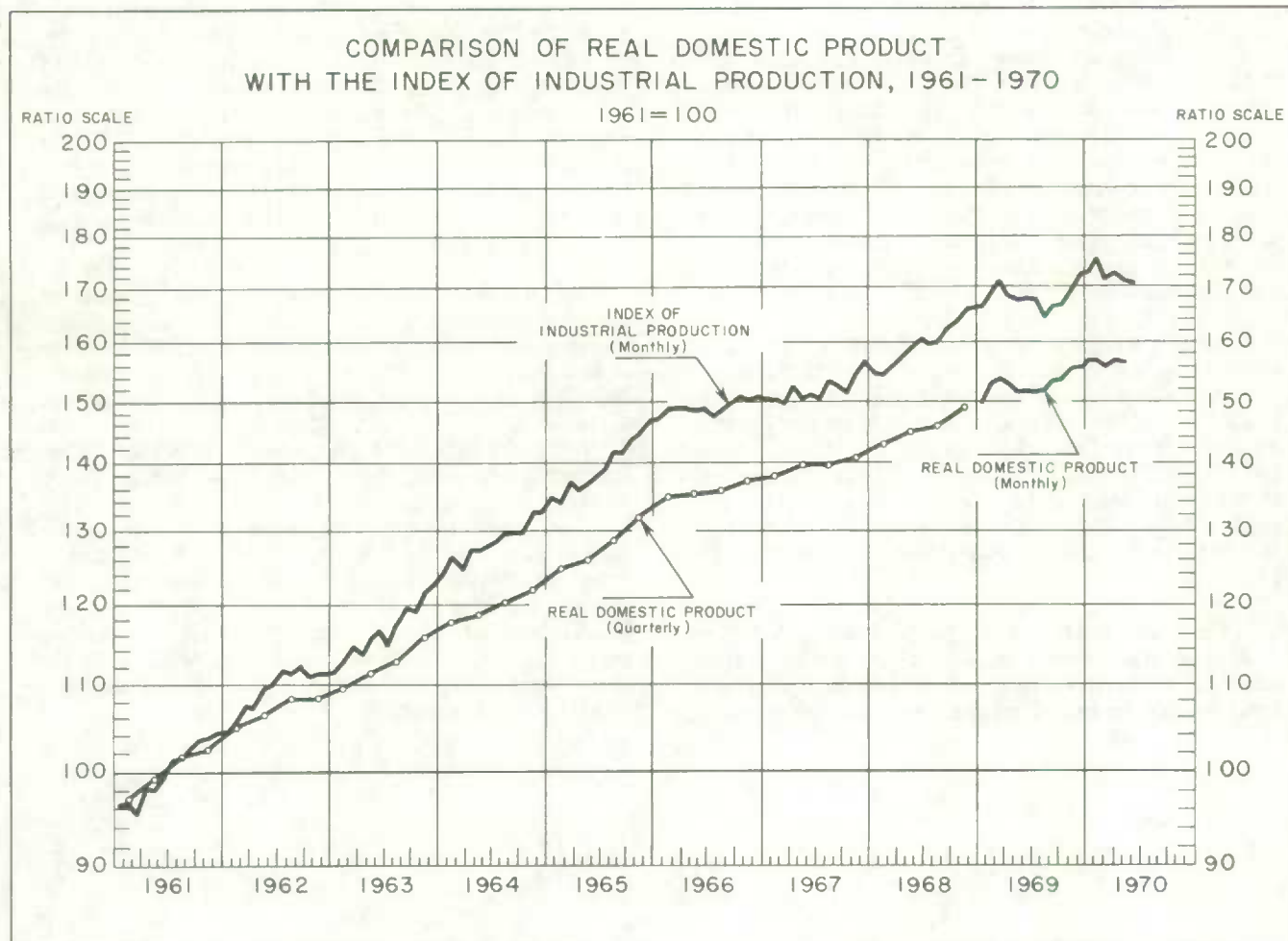
Domestic Product by Industry

INDEX OF INDUSTRIAL PRODUCTION (1961=100)

JUNE 1970

The seasonally adjusted index of industrial production declined by 0.2 per cent in June.

Real Domestic Product (seasonally adjusted) declined by 0.2 per cent in May.



Indexes of Real Domestic Products for June will appear in the July issue.
These data will appear earlier in the D.B.S. Daily.

National Output and Productivity Division
Industrial Output Section

August 1970
2505-502

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THE SYSTEM OF NATIONAL ACCOUNTS

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

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

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

Both the Input-Output Tables and Indexes of Real Domestic Product by Industry use the establishment as the primary unit of industrial production. Measures of financial transactions are provided by

the Financial Flow Accounts (Catalogue Nos. with prefix 13). Types of lenders and financial instruments are the primary detail in these statistics, and the legal entity is the main unit of classification of transactors. Also, provision is made in the System for incorporation of balance sheet (wealth) estimates when such data are sufficiently developed.

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

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

June Index of Industrial Production

The seasonally adjusted Index of Industrial Production declined fractionally in June, falling to 170.2 from its revised May level of 170.5. The decline was confined to manufacturing, (-0.7%), as mining and utilities advanced by 1.7 and 1.2 per cent respectively. Within manufacturing durables advanced while non-durables declined.

About 60 per cent of the non-durables' decrease was due to the 3 per cent drops in foods and beverages and in paper products. While declines in foods and beverages were widespread the major factor was the sharp drop in dairy products. In paper products pulp and paper mill output declined for the second month as strikes continued to affect production. In chemicals most of the decline was due to lowered output of granular detergents, possibly in anticipation of the government restrictions that took effect on August 1st. Petroleum and coal products fell after a sharp May increase.

In durables by far the largest factor in the increase was an 11 per cent advance in iron and steel mills that reversed the downward movement of the past three months. In large part this was due to increased exports to both Europe and the Pacific rim. Smaller gains were registered by the machinery and non-metallic minerals components. Partially offsetting these gains were declines in wood products, (where sawmill output continued to suffer from strikes), in electrical products, (where household radio and television receiver production again declined) in furniture, in metal fabricating and in transportation equipment (which fell fractionally despite small gains in both motor vehicles and motor vehicles parts and accessories).

In mining both metals and fuels contributed to the gain while non-metals fell. In utilities, electricity rose while gas fell.

With 1970 now half over, the following changes are shown for the Index and its principal components:

Per Cent Change-Index of Industrial Production and Principal Components

	Data adjusted for seasonal variation					Data not adjusted for seasonal variation	
	2nd Q '69	3rd Q '69	4th Q '69	1st Q '70	2nd Q '70	July '69 - June '70	1969
	1st Q '69	2nd Q '69	3rd Q '69	4th Q '69	1st Q '70	July '68 - June '69	1968
Index of Industrial Production	- 0.4	- 1.0	+ 2.1	+ 2.1	- 1.2	+ 2.8	+ 5.1
Mining	- 6.8	- 7.1	+ 11.2	+ 11.9	- 3.0	+ 2.3	- 1.9
Manufacturing ...	+ 0.4	- 0.6	+ 0.9	+ 0.3	- 1.1	+ 2.1	+ 5.7
Non-Durables ..	+ 0.1	+ 1.5	+ 0.5	+ 0.3	- 0.1	+ 3.9	+ 5.6
Durables	+ 0.7	- 2.6	+ 1.3	+ 0.4	- 2.1	+ 0.3	+ 5.8
Utilities	+ 1.1	+ 3.1	+ 1.9	+ 3.3	+ 0.9	+ 8.9	+ 9.2

NOTES TO USERS

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

Indexes of Real Domestic Product by Industry (1961 Base), Catalogue No. 61-506, for the period 1919 to 1967; 1970 Annual Supplement to Monthly Index of Industrial Production, Catalogue No. 61-005 for the years 1968 and 1969, (published with April 1970 issue); and current issues for the year 1970.

2. The figures in table 1 and 2 may not reconcile with those on the Index of Industrial Production in tables 3, 4, 5 and 6 because of small revisions to earlier months which have not been incorporated in the latter tables.

TABLE 1. Seasonally Adjusted Indexes of Industrial Production
(1961=100)

S.I.C.	Industry or industry group	1961 percentage weights	Seasonally adjusted					
			1970					
			Jan.	Feb.	Mar.	Apr.	May	June
	INDEX OF INDUSTRIAL PRODUCTION	31.851	172.5	175.1	171.5	172.4	170.5	170.2
4	MINES (including Milling), QUARRIES AND OIL WELLS	4.298	170.7	174.3	170.6	164.2	166.6	169.4
4:01	Metal mines	2.463	149.5	153.1	148.4	145.9	149.0	153.5
051;052	Placer gold and gold quartz mines .....	.325	54.9	50.8	50.4	47.0	51.0	50.3
058	Iron mines .....	.309	337.3	337.2	330.6	338.3	349.1	336.2
053-057;059	Miscellaneous metal mines, n.e.s.	1.829	134.6	140.1	135.0	130.9	132.5	141.0
4:02	Mineral fuels	1.030	212.3	206.5	200.8	182.6	190.8	198.8
061	Coal mines .....	.152	91.1	98.1	106.5	128.5	139.1	155.9
064	Crude petroleum and natural gas .....	.878	233.2	225.3	217.1	191.9	199.8	206.2
4:03	Non-metal mines except coal mines .....	.385	230.3	258.7	263.9	258.0	248.3	218.8
071	Asbestos mines .....	.274	150.6	161.1	154.1	147.3	157.7	143.4
5	MANUFACTURING	24.741	169.5	171.9	168.1	170.0	167.5	166.4
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	13.608	154.5	154.8	152.8	154.8	155.0	152.1
5:01	Foods and beverages	3.547	147.6	149.2	147.0	148.4	147.3	143.0
101;103	Meat products .....	.546	133.2	136.8	134.7	146.4	142.4	140.7
105;107	Dairy products .....	.524	149.2	147.8	145.2	140.0	147.2	134.5
123-125	Grain mills .....	.211	132.9	142.4	136.8	143.6	151.8	143.4
128;129	Bakery products .....	.517	105.2	106.6	106.0	106.3	106.3	107.5
131-139	Other food processors .....	.561	172.0	174.5	166.0	167.9	170.0	163.2
141-147	Beverage manufacturers .....	.820	176.2	175.0	176.0	175.6	167.9	170.5
141	Soft drink manufacturers .....	.234	233.1	214.8	208.3	201.1	195.0	183.5
143	Distilleries .....	.264	174.2	183.0	189.0	191.8	177.3	190.1
145	Breweries .....	.298	133.9	137.6	139.4	140.1	137.2	141.7
5:02	Tobacco products industries .....	.233	123.6	121.2	111.3	125.4	141.2	126.9
5:03	Rubber industries .....	.411	151.6	170.9	147.3	142.6	170.1	167.1
5:04	Leather industries .....	.293	97.6	99.8	95.4	98.5	96.9	98.2
174	Shoe factories .....	.195	98.9	100.8	96.3	98.3	96.4	99.2
5:05	Textile industries .....	.904	189.8	180.1	180.3	188.6	182.9	186.9
183	Cotton yarn and cloth mills .....	.211	105.0	99.8	96.5	105.2	105.6	99.9
201	Synthetic textile mills .....	.304	282.8	258.4	262.4	273.7	260.0	268.6
5:06	Knitting mills .....	.218	143.2	143.0	138.8	136.2	138.1	131.1
5:07	Clothing industries .....	.854	123.3	122.9	118.4	118.1	121.1	123.4
5:10	Paper and allied industries	2.675	154.0	152.4	155.5	153.6	150.5	145.7
271	Pulp and paper mills	2.170	155.5	152.7	157.5	154.3	150.3	144.7
273;274	Paper box and bag manufacturers and other paper converters .....	.453	150.3	153.8	147.9	152.6	153.5	151.3
5:11	Printing, publishing and allied industries	1.353	141.2	139.1	141.2	144.5	147.6	145.6
5:18	Petroleum and coal products industries ....	.583	160.8	157.0	152.0	152.3	166.9	157.9

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

S.I.C.	Industry or industry group	1961 percentage weights	Seasonally adjusted					
			1970					
			Jan.	Feb.	Mar.	Apr.	May	June
NON-DURABLE MANUFACTURING - Concluded:								
5:19 374	Chemical and chemical products industries ... Manufacturers of pharmaceuticals and medicines	1.682 .215	173.9 209.1	178.1 207.0	175.7 223.1	182.4 239.2	175.5 223.9	173.2
375 376	Paint and varnish manufacturers .....	.150	124.1	128.2	114.4	119.2	120.8	120.9
	Manufacturers of soap and cleaning compounds .....	.148	148.6	159.0	158.8	186.9	151.3	131.4
378	Manufacturers of industrial chemicals .....	.660	190.3	196.3	189.3	196.0	189.7	190.4
5:20	Miscellaneous manufacturing industries .....	.855	190.0	191.3	185.3	186.9	189.6	189.8
5:08-09;12-17	DURABLE MANUFACTURING	11.133	187.8	192.9	186.7	188.6	182.8	183.8
5:08 251 252	Wood industries	1.117	152.8	146.6	141.6	140.8	127.8	122.0
	Sawmills and planing mills .....	.678	163.1	154.2	150.4	149.4	132.9	122.6
	Veneer and plywood mills .....	.153	175.4	165.1	152.4	153.7	130.7	129.4
5:09	Furniture and fixture industries .....	.448	162.1	156.0	152.3	147.6	148.6	143.1
5:12 291 292 294 295	Primary metal industries	2.256	169.0	173.2	167.0	165.8	159.4	168.7
	Iron and steel mills	1.007	195.3	195.8	187.7	182.6	171.8	190.8
	Steel pipe and tube mills .....	.126	158.5	215.2	175.2	189.4	149.7	156.9
	Iron foundries .....	.136	115.8	119.9	114.2	122.9	126.0	107.7
	Smelting and refining .....	.786	138.3	138.8	139.9	140.4	141.4	146.0
5:13 301 302 303 304 305 306	Metal fabricating industries (except machinery and transportation equipment industries)	1.857	172.5	169.6	165.4	169.0	168.5	167.5
	Boiler and plate works .....	.078	164.5	179.8	176.7	171.5	181.2	182.7
	Fabricated structural metal industry .....	.259	170.2	168.9	167.0	177.6	182.6	190.7
	Ornamental and architectural metal industry .....	.168	156.3	145.9	145.1	150.4	150.3	145.7
	Metal stamping, pressing and coating industry .....	.458	179.2	175.2	173.5	173.9	166.0	170.6
	Wire and wire products manufacturers .....	.250	168.9	168.4	152.5	160.8	168.8	149.9
	Hardware, tool and cutlery manufacturers ..	.165	201.8	202.4	200.4	201.8	193.7	190.6
5:14	Machinery industries (except electrical machinery) .....	.995	220.0	223.2	222.9	222.1	213.4	215.7
5:15 321 323;324	Transportation equipment industries	2.001	240.3	265.3	249.6	260.3	256.2	256.0
	Aircraft and parts manufacturers .....	.486	142.0	136.9	133.4	128.7	125.0	120.9
	Motor vehicle and truck body and trailer manufacturers .....	.788	321.5	381.2	347.1	375.6	364.6	366.3
325	Motor vehicle parts and accessories manufacturers .....	.397	224.4	230.3	229.8	229.8	237.2	240.9
326	Railroad rolling stock industry .....	.076	246.6	282.7	251.2	260.3	265.8	249.8
327	Shipbuilding and repair .....	.225	154.1	153.2	152.7	152.4	143.2	149.9
5:16 332	Electrical products industries	1.572	205.6	211.2	206.5	208.2	200.7	198.0
	Manufacturers of major appliances (elec- tric and non-electric) .....	.187	169.3	185.2	173.4	179.2	146.0	148.3
334	Manufacturers of household radio and television receivers .....	.132	259.3	249.3	228.6	232.1	220.4	205.2
335	Communications equipment manufacturers ...	.479	258.5	265.7	267.0	267.9	265.5	266.9
336	Manufacturers of electrical industrial equipment .....	.305	186.0	194.9	190.2	188.8	185.3	177.3
5:17 341 348 356	Non-metallic mineral products industries ...	.887	138.1	139.3	138.1	134.6	127.6	130.9
	Cement manufacturers .....	.171	128.6	130.5	117.5	122.2	111.9	107.8
	Ready-mix concrete manufacturers .....	.079	148.7	151.5	147.1	144.3	134.2	156.5
	Glass and glass products manufacturers ....	.168	169.9	169.1	192.6	173.3	166.3	169.9
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	2.812	202.0	203.9	203.0	206.4	202.7	205.2
572 574	Electric power	2.270	202.5	204.4	201.7	205.3	202.0	205.3
	Gas distribution .....	.336	243.1	246.5	256.7	260.5	252.3	249.7

TABLE 2. Indexes of Industrial Production, without Seasonal Adjustment
(1961=100)

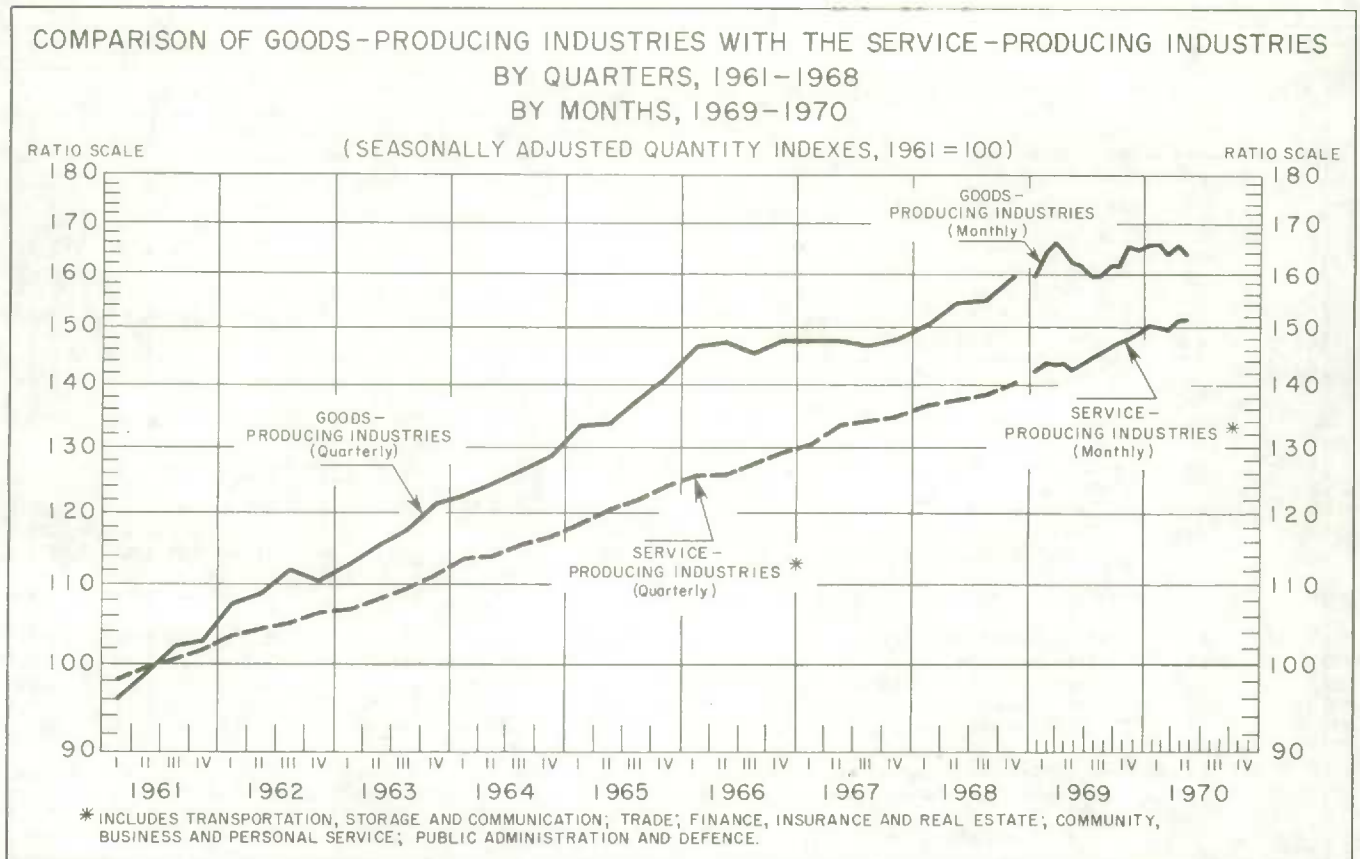
S.I.C.	Industry or industry group	Annual averages		Without seasonal adjustment					
		1968	1969	1969	1970				
				June	Feb.	Mar.	Apr.	May	June
	INDEX OF INDUSTRIAL PRODUCTION	159.8	167.9	172.6	176.3	172.8	174.0	173.5	174.5
4	MINES (including Milling), QUARRIES AND OIL WELLS	152.7	149.8	144.8	170.8	169.4	163.4	170.7	172.6
4:01	Metal mines	142.6	126.7	121.4	145.5	146.3	147.0	158.2	159.8
051;052	Placer gold and gold quartz mines	58.8	52.4	56.1	52.0	50.8	48.3	51.3	52.9
058	Iron mines	311.4	267.7	99.2	291.4	304.8	308.2	382.3	359.7
053-057;059	Miscellaneous metal mines, n.e.s.	129.0	116.1	136.7	137.5	136.5	137.3	139.3	145.0
4:02	Mineral fuels	164.3	180.0	167.7	220.4	209.2	176.9	181.5	191.7
061	Coal mines	96.6	93.3	83.7	108.9	115.9	127.6	132.7	147.1
064	Crude petroleum and natural gas	176.1	195.0	182.2	239.7	225.3	185.4	190.0	199.4
4:03	Non-metal mines except coal mines	196.1	221.6	221.1	249.7	256.4	263.7	254.1	221.7
071	Asbestos mines	124.9	138.0	128.9	156.9	157.2	156.1	161.9	150.1
5	MANUFACTURING	159.4	168.5	177.9	170.0	167.6	171.4	171.8	173.2
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	143.9	152.0	157.9	152.9	151.0	153.7	157.0	158.1
5:01	Foods and beverages	139.8	143.4	158.7	131.0	131.5	140.4	148.2	158.6
101;103	Meat products	138.2	136.3	127.5	131.2	130.9	141.8	140.0	134.9
105;107	Dairy products	137.0	141.0	190.9	110.7	122.6	137.6	162.9	183.9
123-125	Grain mills	125.7	130.1	129.7	144.3	137.2	138.2	150.3	143.9
128;129	Bakery products	106.8	106.2	111.3	103.3	103.0	102.6	106.4	112.0
131-139	Other food processors	153.0	159.7	160.7	168.7	157.5	160.1	164.0	165.0
141-147	Beverage manufacturers	155.4	168.9	198.1	150.7	156.4	173.3	172.4	201.9
141	Soft drink manufacturers	169.4	188.1	225.7	196.9	161.4	189.6	197.3	228.3
143	Distilleries	175.9	193.9	215.5	159.6	179.0	187.1	173.6	207.8
145	Breweries	125.2	131.3	164.0	106.9	132.8	148.8	152.6	178.6
5:02	Tobacco products industries	119.1	121.7	131.4	130.8	116.3	135.4	143.1	143.4
5:03	Rubber industries	137.3	153.7	163.5	189.8	159.7	152.2	160.4	171.7
5:04	Leather industries	113.0	108.6	110.3	111.3	104.4	101.4	96.2	98.7
174	Shoe factories	115.2	109.1	109.8	116.6	108.9	102.2	93.7	99.8
5:05	Textile industries	175.0	184.6	190.9	184.5	179.3	188.7	186.9	190.7
183	Cotton yarn and cloth mills	103.7	109.1	108.5	112.7	102.2	105.5	110.5	96.2
201	Synthetic textile mills	241.0	258.5	262.0	266.9	260.8	277.5	259.0	271.3
5:06	Knitting mills	136.7	141.3	141.6	142.3	137.1	135.1	136.3	130.6
5:07	Clothing industries	122.4	122.0	120.0	127.0	120.9	117.0	119.0	120.3
5:10	Paper and allied industries	136.7	152.0	155.1	156.1	158.0	153.2	154.8	147.8
271	Pulp and paper mills	135.1	152.0	154.0	158.6	161.6	154.6	155.3	146.0
273;274	Paper box and bag manufacturers and other paper converters	142.4	151.6	156.8	149.3	145.6	149.8	153.0	153.5
5:11	Printing, publishing and allied industries	138.0	144.8	147.5	138.5	144.5	149.0	154.3	149.1
5:18	Petroleum and coal products industries	143.2	149.0	1424	162.2	154.8	141.6	149.5	159.6

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

(1961=100)

S.I.C.	Industry or industry group	Annual averages		Without seasonal adjustment					
		1968	1969	1969	1970				
				June	Feb.	Mar.	Apr.	May	June
NON-DURABLE MANUFACTURING - Concluded:									
5:19	Chemical and chemical products industries	165.2	172.3	177.6	183.5	181.3	189.0	185.7	178.2
374	Manufacturers of pharmaceuticals and medicines	195.7	204.1	195.0	236.4	239.4	242.8	219.2	
375	Paint and varnish manufacturers	126.6	130.0	166.6	118.6	121.6	139.7	148.3	155.7
376	Manufacturers of soap and cleaning compounds	144.3	148.9	151.3	177.6	163.6	190.3	143.1	135.7
378	Manufacturers of industrial chemicals ...	180.9	189.1	191.0	200.4	195.3	204.3	201.3	192.0
5:20	Miscellaneous manufacturing industries	161.8	181.5	179.9	187.5	182.9	184.6	188.3	190.0
5:08-09;12-17	DURABLE MANUFACTURING	178.4	188.7	202.3	190.8	188.0	193.1	189.9	193.2
5:08	Wood industries	143.9	146.6	158.7	152.4	148.8	146.4	132.5	130.3
251	Sawmills and planing mills	151.7	154.5	171.1	164.4	161.1	158.4	139.1	133.6
252	Veneer and plywood mills	154.7	155.7	158.7	169.7	164.6	159.8	137.9	134.6
5:09	Furniture and fixture industries	152.9	161.7	161.3	152.6	147.4	144.2	143.9	142.1
5:12	Primary metal industries	153.0	152.9	174.6	176.0	174.5	173.8	166.7	173.7
291	Iron and steel mills	169.7	166.6	199.1	200.3	198.6	194.0	184.2	198.6
292	Steel pipe and tube mills	174.4	159.0	206.6	212.2	210.9	210.2	167.7	186.7
294	Iron foundries	139.4	139.9	143.5	126.3	120.6	126.8	123.6	105.1
295	Smelting and refining	123.7	125.0	136.1	140.9	141.4	144.6	144.1	145.9
5:13	Metal fabricating industries (except machinery and transportation equipment industries)	162.9	169.9	174.9	166.5	162.9	167.8	170.0	172.1
301	Boiler and plate works	171.8	177.1	176.9	175.3	169.6	170.3	177.6	179.2
302	Fabricated structural metal industry	152.7	169.0	163.8	163.0	159.0	173.9	180.6	193.6
303	Ornamental and architectural metal industry	143.5	149.4	153.8	134.8	133.3	141.5	143.5	149.2
304	Metal stamping, pressing and coating industry	171.9	179.6	187.2	170.9	170.4	172.1	169.0	176.0
305	Wire and wire products manufacturers	165.4	159.9	181.8	168.6	159.2	166.3	180.1	167.5
306	Hardware, tool and cutlery manufacturers	181.6	195.2	193.9	203.8	203.0	202.8	196.8	191.3
5:14	Machinery industries (except electrical machinery)	198.7	215.5	215.4	224.8	223.4	223.0	213.1	216.2
5:15	Transportation equipment industries	243.1	265.7	293.1	258.8	256.5	281.7	285.3	286.3
321	Aircraft and parts manufacturers	142.4	136.6	132.5	139.7	134.8	126.5	121.0	118.3
323;324	Motor vehicle and truck body and trailer manufacturers	322.4	369.2	445.2	369.8	366.5	431.9	440.8	445.4
325	Motor vehicle parts and accessories manufacturers	242.9	253.4	238.5	226.2	228.0	230.2	236.0	237.2
326	Railroad rolling stock industry	249.0	265.3	270.6	276.2	253.4	256.9	273.5	248.8
327	Shipbuilding and repair	164.0	170.4	181.9	151.2	157.9	157.0	150.4	155.9
5:16	Electrical products industries	192.0	210.6	217.3	212.7	203.5	203.7	196.9	198.1
332	Manufacturers of major appliances (electric and non-electric)	182.9	199.2	233.6	200.1	176.1	176.3	143.0	158.2
334	Manufacturers of household radio and television receivers	230.4	271.1	262.2	259.0	198.2	206.1	196.4	189.1
335	Communications equipment manufacturers ..	238.4	260.4	266.4	266.5	266.4	265.5	264.2	266.9
336	Manufacturers of electrical industrial equipment	175.2	185.7	188.4	191.9	187.7	184.8	183.1	179.2
5: 17	Non-metallic mineral products industries ..	139.1	142.8	160.2	116.9	122.5	126.9	133.3	147.2
341	Cement manufacturers	121.2	121.9	161.1	80.0	85.1	109.9	124.3	140.5
348	Ready-mix concrete manufacturers	173.4	171.3	204.7	97.4	102.2	121.8	156.3	197.2
356	Glass and glass products manufacturers ..	173.4	174.0	186.6	162.7	186.8	168.8	166.6	178.6
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	174.4	190.4	168.4	240.5	223.7	212.3	191.8	183.2
572	Electric power	173.6	189.3	175.4	224.4	212.2	204.7	195.5	192.2
574	Gas distribution	211.4	236.7	146.9	417.1	359.4	313.9	204.3	154.8

REAL DOMESTIC PRODUCT



Real Domestic Product, May 1970

The index of Canada's real domestic product (1961=100) seasonally adjusted, decreased 0.2% to 157.0 in May from 157.3 in April. This brought the index back to the January and February levels. Total production for the first five months increased by 4.1% over the same period in 1969.

Strikes and lockouts have again affected industrial output. Although less time was lost in work stoppages in the first three months of 1970 than in the first quarter of 1969, time lost in April and May was considerably higher, the net result: 27% more time was lost in the first five months of 1970 than in the corresponding 1969 period.

Production in May was characterized by strong and largely offsetting movements. Changes in the goods-producing industries dominated the change in R.D.P. index with decreases in manufacturing (1.2% below April), construction (5.0%) and forestry (12.5%) more than offsetting advances of 7.5% in agriculture and 12.1% in mining.

Manufacturing output fell back to its March level of 168.1, which was lower than the previous four months. Noteworthy decreases were recorded for the wood industries and pulp and paper manufacturers (affected by the towboat strike in British Columbia); for the electrical products industries (a temporary plant shutdown in major appliances), and for the non-metallic mineral products industries (whose output was greatly affected by declines in the construction industry - both fell to the same extent). The most significant increase originated in the rubber industries, where sharp advances were made on the strength of exports to the United States, whose rubber industry was strike-affected.

Construction dropped sharply (5.0%) in May after a small upturn in April following four consecutive monthly decreases. The index for May at 137.4 was considerably lower than for any month in 1969. A marked decrease in residential building was the main reason. The number of units completed declined substantially more than in the previous months; the number of units started and under construction also decreased. Strikes in British Columbia and Quebec and a temporary reduction in starts

of government-initiated housing were major factors.

Forestry output fell 12.5% to a level only somewhat higher than it was during the middle months of 1969, with the towboat strike seriously hampering or closing down several forest operations in British Columbia. Cuttings of wood for manufacture into sawn lumber and cuttings of pulpwood were both affected.

Agricultural output rose strongly (7.5%) in May over April, with gains recorded for production of livestock, poultry and eggs, and dairy products. The sharp increase in livestock production came from larger cattle inventories, particularly in the Prairie provinces. Generally livestock inventories have been building up, especially in the last quarter of 1969. Prairie farmers have been adding to their breeding stock because of their diversification from grain production in response to large grain stocks.

Mining increased 2.1% in May, after declining in the previous two months. Miscellaneous metal mining, crude petroleum and natural gas increased, and coal production continued to rise as exports increased. Potash mining declined.

Within the service-producing industries, the May index for trade rose 1.4% on the strength of a fairly substantial advance in wholesale trade as well as an increase in retail trade. Noteworthy movements in wholesale trade were a large increase in the volume of grain sales, decreases in sales of petroleum, construction and newsprint products, and a continued decline in sales of household electrical appliances. Retail trade increased for the second consecutive month, following three months of steadily-declining sales. Department store trading again rose strongly, and motor vehicle dealers again reported a small monthly increase.

The decline in the transportation, storage and communication division came from decreases in railway freight (a slowdown in fertilizer shipments) and water transport (affected by the British Columbia towboat strike). These decreases more than offset an advance in air transportation. Other changes were a sizeable increase in the handling of grain in country elevators, reflecting the rise in wheat shipments that started in January; a further decrease in oil pipeline transport, which continued to be affected by the restrictions on oil imports imposed by the United States; a decrease in the Post Office component, influenced by rotating strikes which started toward the end of May.

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

S.I.C.	Industry or industry group	Seasonally Adjusted					
		1961 percentage weights	1969 Dec.	1970 Jan.	1970 Feb.	1970 Mar.	1970 Apr. May
	REAL DOMESTIC PRODUCT	100.000	155.9	157.0	157.0	155.9	157.3 157.0
1	AGRICULTURE	4.557	139.0	145.0	131.0	145.0	149.0 160.2
2	FORESTRY	1.257	152.2	154.9	153.8	150.5	152.5 133.4
3	FISHING AND TRAPPING .....	.262	106.4	111.3	103.1	99.7	92.4 88.5
4	MINES (including Milling), QUARRIES AND OIL WELLS	4.298	163.1	170.7	174.3	170.6	164.0 167.4
5	MANUFACTURING	24.741	170.9	169.5	171.9	168.1	170.1 168.1
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	13.608	154.2	154.5	154.8	152.8	154.7 155.6
5:08-09;12-17	DURABLE MANUFACTURING	11.133	191.4	187.8	192.9	186.7	189.0 183.4
6	CONSTRUCTION INDUSTRY	5.840	150.7	148.4	148.0	143.0	144.7 137.4
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	2.812	197.4	202.0	203.9	203.0	206.4 203.4
7	TRANSPORTATION, STORAGE AND COMMUNICATION ...	9.985	163.2	166.5	165.8	163.4	164.1 162.3
7:01	Transportation	7.039	163.8	169.1	166.2	163.8	164.1 161.3
501;502	Air Transport .....	.423	307.9	293.1	311.6	325.6	324.6 338.1
506	Railway transport	2.969	158.9	172.3	163.6	157.5	161.1 156.4
508	Bus transport, interurban and rural .....	.097	182.6	177.3	180.8	174.4	175.9 169.9
509	Urban transit systems .....	.348	108.0	102.0	105.7	102.7	107.6 98.3
515	Pipeline transport .....	.475	247.9	257.4	251.2	249.0	236.3 234.6
7:02	Storage .....	.363	111.6	115.2	122.5	122.9	121.5 124.9
524	Grain elevators .....	.273	101.4	106.6	115.7	116.2	113.5 118.0
7:03	Communication	2.583	168.6	166.5	170.8	168.2	170.1 170.3
8	TRADE	12.721	146.9	148.2	145.1	144.1	147.5 149.3
8:01	WHOLESALE TRADE	4.788	145.5	149.4	146.2	144.9	151.0 154.6
..	Wholesale Merchants	3.449	141.2	143.5	141.6	138.5	145.0 150.2
8:02	RETAIL TRADE	7.933	147.7	147.5	144.4	143.6	145.4 146.4
..	Food stores	1.530	133.4	137.8	138.5	139.4	138.6 137.8
..	Department stores	1.160	155.6	156.4	150.8	145.8	157.9 165.6
..	General stores .....	.232	112.9	116.9	120.9	119.7	120.3 123.8
..	Variety stores .....	.300	180.5	167.9	155.7	151.2	133.9 148.2
..	Motor vehicle dealers .....	.918	161.6	157.8	144.3	153.2	155.5 157.4
..	Clothing stores .....	.503	130.3	127.8	129.8	128.5	127.0 129.9
..	Shoe stores .....	.118	122.4	116.6	121.9	112.2	117.9 118.9
..	Hardware stores .....	.164	132.1	131.5	127.1	127.2	125.3 136.3
..	Furniture, television, radio and appliance stores .....	.336	148.7	144.4	136.1	132.9	136.2 133.8
..	Drug stores .....	.341	172.9	167.6	163.5	161.0	156.6 164.6
9	FINANCE, INSURANCE AND REAL ESTATE	12.013	140.2	140.9	141.9	141.9	142.2 143.1
10	COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES	13.789	162.6	163.4	164.4	165.4	166.3 167.5
10:01	Education and related services	3.527	206.5	209.2	211.7	214.2	216.7 219.2
10:02	Health and welfare services	3.563	144.6	145.8	146.0	146.5	146.4 146.3
10:04	Motion picture and recreational services .....	.389	156.8	159.6	158.5	164.0	164.9 169.7
10:05	Services to business management	1.643	171.9	172.6	171.3	171.8	173.6 177.8
10:06	Personal services	3.623	128.7	127.3	128.9	128.7	128.7 128.6
875	Hotels, restaurants and taverns	2.326	133.0	130.7	132.7	133.0	133.1 133.0
11	PUBLIC ADMINISTRATION AND DEFENCE	7.725	122.8	124.7	124.7	125.4	126.6 126.3
	SPECIAL INDUSTRY INDEXES:						
	Real domestic product less agriculture	95.443	156.7	157.6	158.2	156.5	157.7 156.9
1-6;7:04	Goods-producing industries	43.767	164.9	165.6	165.8	163.9	165.3 163.9
2-6;7:04	Goods-producing industries less Agriculture	39.210	167.9	168.0	169.9	166.1	167.2 164.3
7:01-03;8-11	Service-producing industries	56.233	148.9	150.4	150.0	149.7	151.1 151.6
(1)	Commercial industries	84.355	157.1	158.0	157.8	156.4	157.9 157.5
(1)	Commercial industries less Agriculture	79.798	158.1	158.8	159.4	157.1	158.4 157.3
(1)	Non-commercial industries	15.645	149.7	151.5	152.2	153.3	154.2 154.4
4;5;7:04	Index of Industrial Production	31.851	172.2	172.5	175.1	171.5	172.5 171.1

(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, by months.

(1961=100)

S.I.C.	Industry or industry group	Without seasonal adjustment							
		Annual averages		1969 May	1970				
		1968	1969		Jan.	Feb.	Mar.	Apr.	May
	REAL DOMESTIC PRODUCT	145.4	152.8	150.8	145.5	149.6	150.7	157.1	157.7
1	AGRICULTURE	133.5	145.2	91.7	72.1	65.4	92.7	173.5	129.6
2	FORESTRY	132.6	138.9	132.5	134.9	153.4	143.9	115.0	117.1
3	FISHING AND TRAPPING	116.0	104.7	122.2	54.1	60.1	61.8	52.1	103.1
4	MINES (including Milling), QUARRIES AND OIL WELLS	152.7	149.8	149.1	162.5	170.8	169.4	163.3	171.6
5	MANUFACTURING	159.4	168.5	173.2	161.0	170.0	167.6	171.6	172.4
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	143.9	152.0	152.7	144.5	152.9	151.0	153.7	157.6
5:08-09;12-17	DURABLE MANUFACTURING	178.4	188.7	198.4	181.2	190.8	188.0	193.5	190.5
6	CONSTRUCTION INDUSTRY	149.7	153.9	155.6	112.7	120.5	118.1	131.8	139.3
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES ...	174.4	190.4	177.6	243.2	240.5	223.7	212.3	192.3
7	TRANSPORTATION, STORAGE AND COMMUNICATION	150.2	156.8	151.7	153.6	158.9	160.1	165.5	166.6
7:01	Transportation	153.0	157.9	152.9	151.9	157.6	159.5	167.1	168.6
501;502	Air transport	248.5	277.3	164.4	241.2	263.6	295.6	290.2	321.2
506	Railway transport	156.1	155.6	161.9	154.4	163.1	165.2	174.9	171.8
508	Bus transport, interurban and rural ...	157.3	166.2	157.3	139.6	146.3	143.5	160.2	158.5
509	Urban transit systems	110.4	108.4	105.8	102.1	108.7	105.5	106.1	98.3
515	Pipeline transport	185.6	213.9	185.0	262.6	271.1	257.9	235.0	227.2
7:02	Storage	107.6	113.8	113.8	109.2	110.1	108.8	114.4	129.2
524	Grain elevators	101.2	105.6	106.0	100.9	101.5	100.1	105.4	124.9
7:03	Communication	148.5	159.7	153.8	164.5	169.3	168.9	168.3	166.6
8	TRADE	140.1	146.0	149.4	129.6	132.9	138.8	147.0	155.2
8:01	WHOLESALE TRADE	138.9	146.1	152.9	132.1	144.0	147.7	153.3	167.1
...	Wholesale Merchants	135.9	142.3	151.9	120.1	134.7	140.1	149.0	167.0
8:02	RETAIL TRADE	140.8	145.9	147.3	128.1	126.3	133.5	143.2	148.0
...	Food stores	128.2	133.1	134.5	129.7	136.9	137.3	138.1	140.0
...	Department stores	141.0	152.3	149.5	115.4	114.0	127.6	148.7	153.0
...	General stores	113.8	110.9	110.9	94.9	100.4	100.8	116.7	126.3
...	Variety stores	175.1	171.2	163.2	104.6	100.2	114.2	116.5	140.3
...	Motor vehicle dealers	164.1	171.3	196.2	128.3	140.7	165.4	178.5	189.4
...	Clothing stores	121.0	125.0	122.5	114.5	98.2	112.0	117.0	128.3
...	Shoe stores	122.2	120.3	123.0	102.9	72.1	88.8	126.2	119.0
...	Hardware stores	132.5	131.8	148.2	88.8	100.2	96.3	109.0	153.1
...	Furniture, television, radio and appliance stores	142.8	146.8	140.6	150.6	103.1	114.5	134.5	129.8
...	Drug stores	155.6	161.9	152.9	166.2	164.5	154.7	150.5	157.5
9	FINANCE, INSURANCE AND REAL ESTATE	130.6	136.7	136.3	139.2	140.3	141.0	141.7	143.4
10	COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES	144.1	156.5	155.0	160.4	162.0	163.3	164.5	167.8
10:01	Education and related services	167.1	192.9	188.9	209.2	211.7	214.2	216.7	219.2
10:02	Health and welfare services	132.7	139.1	138.3	145.2	145.3	145.8	146.0	146.4
10:04	Motion picture and recreational services	151.1	164.1	171.3	145.2	146.2	149.3	159.8	176.2
10:05	Services to business management	155.6	169.6	168.6	168.8	168.9	169.2	171.2	178.5
10:06	Personal services	123.4	127.2	127.0	120.9	124.2	125.1	124.8	128.4
875	Hotels, restaurants and taverns	127.8	131.8	131.4	121.1	125.9	127.8	127.1	132.3
11	PUBLIC ADMINISTRATION AND DEFENCE	120.1	122.3	120.9	122.2	121.9	123.2	123.8	126.5
	SPECIAL INDUSTRY INDEXES:								
	Real domestic product less agriculture	145.9	153.1	153.6	149.0	153.7	153.5	156.3	159.1
1-6;7:04	Goods-producing industries	154.7	162.5	158.8	149.4	155.9	155.7	165.9	162.7
2-6;7:04	Goods-producing industries less Agriculture	157.1	164.5	166.6	158.3	166.5	163.0	165.0	166.6
7:01-03;8-11	Services-producing industries	138.1	145.2	144.5	142.4	144.7	146.9	150.3	153.8
(1)	Commercial industries	147.1	154.2	152.2	144.7	149.6	150.6	158.0	158.3
(1)	Commercial industries less Agriculture	147.9	154.8	155.7	148.8	154.4	153.9	157.1	160.0
(1)	Non-commercial industries	135.9	144.8	142.9	149.7	150.0	151.4	152.3	154.6
4:5;7:04	Index of Industrial Production	159.8	167.9	170.4	168.5	176.3	172.8	174.1	174.1

(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 5. Seasonally Adjusted Index of Real Domestic Product, by quarter
(1961=100)

S.I.C.	Industry or industry group	Seasonally adjusted						
		1961 percentage weights	1968 IV	I	II	III	IV	1970 I
	REAL DOMESTIC PRODUCT	100.000	148.6	152.0	151.8	152.0	155.0	156.6
1	AGRICULTURE	4.557	137.8	147.0	149.5	139.8	146.7	140.3
2	FORESTRY	1.257	138.6	135.2	144.3	133.1	146.2	153.0
3	FISHING AND TRAPPING .....	.262	118.5	117.6	109.6	103.2	108.3	104.7
4	MINES (including Milling), QUARRIES AND OIL WELLS	4.298	154.5	159.4	148.5	138.0	153.5	171.8
4:01	Metal mines	2.463	144.5	147.0	129.2	105.6	125.1	150.3
4:02	Mineral fuels	1.030	171.1	176.2	171.2	180.3	192.1	206.5
4:03	Non-metal mines except coal mines .....	.385	188.3	208.5	214.0	223.2	240.6	251.0
5	MANUFACTURING	24.741	165.1	168.1	168.8	167.8	169.3	169.8
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	13.608	147.5	150.6	150.7	153.0	153.7	154.1
5:01	Foods and beverages	3.547	141.4	144.2	141.7	144.0	143.8	147.9
5:02	Tobacco products industries .....	.233	122.6	123.1	121.5	119.5	122.6	118.7
5:03	Rubber industries .....	.411	143.7	148.9	156.9	151.4	157.6	156.6
5:04	Leather industries .....	.293	114.4	112.9	111.6	108.9	101.6	97.8
5:05	Textile industries .....	.904	183.3	186.8	192.2	182.5	176.8	183.4
5:06	Knitting mills .....	.218	142.2	141.3	142.6	141.5	140.0	141.5
5:07	Clothing industries .....	.854	122.0	121.8	122.9	121.5	121.7	121.5
5:10	Paper and allied industries	2.675	142.4	148.8	149.3	153.4	156.5	153.9
5:11	Printing, publishing and allied industries	1.353	141.5	140.9	142.0	148.2	148.3	140.5
5:18	Petroleum and coal products industries ....	.583	145.0	149.9	139.7	153.2	153.1	156.6
5:19	Chemical and chemical products industry	1.682	168.5	171.0	170.6	174.3	173.5	175.9
5:20	Miscellaneous manufacturing industries ....	.855	167.3	172.8	178.4	183.0	191.4	188.9
5:08-09;12-17	DURABLE MANUFACTURING	11.133	186.6	189.6	190.9	185.9	188.3	189.1
5:08	Wood industries	1.117	154.6	145.6	151.0	141.3	148.5	147.0
5:09	Furniture and fixture industries .....	.448	156.0	159.6	161.2	162.8	163.1	156.8
5:12	Primary metal industries	2.256	159.0	162.3	165.4	137.5	146.3	169.7
5:13	Metal fabricating industries (except machinery and transportation equipment industries)	1.857	167.5	170.5	170.6	168.5	170.1	169.2
5:14	Machinery industries (except electrical machinery) .....	.995	201.7	210.7	213.9	216.5	220.8	222.0
5:15	Transportation equipment industries	2.001	264.6	266.4	259.8	269.4	267.3	251.7
5:16	Electrical products industries	1.572	198.4	206.5	213.0	212.4	210.5	207.8
5:17	Non-metallic mineral products industries ..	.887	139.1	142.2	143.3	143.7	141.8	138.5
6	CONSTRUCTION INDUSTRY	5.840	152.7	155.3	153.7	154.4	152.5	146.5
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	2.812	181.6	185.0	187.1	192.9	196.6	203.0
572	Electric power	2.270	180.8	184.0	187.1	190.8	195.2	202.8
574	Gas distribution .....	.336	222.3	228.3	224.1	246.8	247.8	248.8
7	TRANSPORTATION, STORAGE AND COMMUNICATION	9.985	154.2	157.7	150.5	153.4	160.3	165.2
7:01	Transportation	7.039	157.6	160.0	150.2	153.6	160.4	166.3
501;502	Air Transport .....	.423	267.2	294.6	230.9	287.8	294.2	310.1
506	Railway transport	2.969	159.9	157.4	148.9	143.3	154.8	164.5
508	Bus transport, interurban and rural .....	.097	150.4	169.9	165.9	159.2	174.1	177.5
509	Urban transit systems .....	.348	111.5	114.8	105.2	105.3	108.2	103.5
515	Pipeline transport .....	.475	193.5	203.0	195.0	218.7	238.4	252.6
7:02	Storage .....	.363	107.5	110.8	113.6	117.8	113.8	120.2
524	Grain elevators .....	.273	100.2	102.6	105.0	111.3	104.8	112.5
7:03	Communication	2.583	151.4	158.1	156.4	157.7	166.5	168.5

TABLE 5. Seasonally Adjusted Index of Real Domestic Product by quarters - Concluded

(1961=100)

S.I.C.	Industry or industry group	Seasonally adjusted						
		1961 percentage weights	1968 IV	I	II	III	IV	1970 I
8	TRADE	12.721	141.3	144.3	144.8	147.5	147.2	145.8
8:01	WHOLESALE TRADE	4.788	137.2	141.8	144.7	149.4	148.6	146.8
..	Wholesale Merchants	3.449	132.7	138.8	140.5	145.6	144.7	141.2
8:02	RETAIL TRADE	7.933	143.8	145.8	144.9	146.3	146.4	145.2
..	Food stores	1.530	129.5	132.0	132.6	132.9	134.9	138.6
..	Department stores	1.160	143.9	150.7	153.3	150.8	153.7	151.0
..	General stores .....	.232	112.1	112.6	109.7	110.6	110.9	119.2
..	Variety stores .....	.300	184.4	177.2	165.4	167.0	172.2	158.3
..	Motor vehicle dealers .....	.918	171.9	171.5	168.0	179.1	168.2	151.8
..	Clothing stores .....	.503	121.5	124.3	125.5	123.3	125.6	128.7
..	Shoe stores .....	.118	125.9	117.6	120.2	119.3	123.5	116.9
..	Hardware stores .....	.164	133.1	133.3	131.4	132.0	131.0	128.6
..	Furniture, television, radio and appliance stores .....	.336	145.7	144.6	145.6	151.1	146.4	137.8
..	Drug stores .....	.341	160.0	159.8	158.9	161.5	166.3	164.0
9	FINANCE, INSURANCE AND REAL ESTATE	12.013	132.1	133.9	135.3	137.4	139.6	141.6
10	COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES	13.789	147.3	152.0	154.6	157.8	161.4	164.4
10:01	Education and related services	3.527	171.4	182.9	188.9	195.9	203.8	211.7
10:02	Health and welfare services	3.563	133.9	136.6	138.3	139.5	142.2	146.1
10:04	Motion picture and recreational services .....	.389	154.1	158.3	163.0	171.4	162.0	160.7
10:05	Services to business management	1.643	163.2	167.4	168.4	170.5	172.2	171.9
10:06	Personal services	3.623	125.1	125.5	126.5	127.6	129.2	128.3
875	Hotels, restaurants and taverns	2.326	130.2	129.7	131.0	132.1	134.3	132.1
11	PUBLIC ADMINISTRATION AND DEFENCE	7.725	119.4	121.8	122.2	122.4	122.8	125.0
SPECIAL INDUSTRY INDEXES:								
	Real domestic product less agriculture	95.443	149.1	152.2	151.9	152.6	155.4	157.4
1-6;7:04	Goods-producing industries	43.767	159.6	163.2	162.9	160.4	163.9	165.1
2-6;7:04	Goods-producing industries less Agriculture	39.210	162.1	165.1	164.5	162.8	165.8	168.0
7:01-03;8-11	Service-producing industries	56.233	140.1	143.3	143.2	145.5	148.0	150.0
(1)	Commercial industries	84.355	150.7	153.9	153.3	153.2	156.2	157.4
(1)	Commercial industries less Agriculture	79.798	151.5	154.3	153.6	153.9	156.7	158.4
(1)	Non-commercial industries	15.645	137.1	141.7	143.6	145.7	148.5	152.3
4;5;7:04	Index of Industrial Production	31.851	165.1	168.4	167.7	166.0	169.5	173.0

(1) The non-commercial industry group includes the following industries (S.I.C. code shown in brackets): Highway and bridge maintenance (516), Water system 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 6. Seasonally Adjusted Index of Real Domestic Product, by quarters.
(1961=100)

S.I.C.	Industry or industry group	Without seasonal adjustment							
		Annual averages		1968	1969				1970
		1968	1969	IV	I	II	III	IV	I
	REAL DOMESTIC PRODUCT	145.4	152.8	148.5	143.0	150.8	162.8	154.4	148.6
1	AGRICULTURE	133.5	145.2	82.0	66.5	86.8	352.3	75.1	76.7
2	FORESTRY	132.6	138.9	133.4	126.2	133.5	152.1	143.6	144.1
3	FISHING AND TRAPPING	116.0	104.7	85.4	65.3	117.5	152.3	83.7	58.7
4	MINES (including Milling), QUARRIES AND OIL WELLS	152.7	149.8	157.5	154.7	150.4	138.2	155.9	167.6
4:01	Metal mines	142.6	126.7	147.4	139.9	133.8	105.8	127.4	143.3
4:02	Mineral fuels	164.3	180.0	171.3	185.1	164.7	177.9	192.3	216.5
4:03	Non-metal mines except coal mines	196.1	221.6	197.6	199.8	220.1	217.9	248.6	240.5
5	MANUFACTURING	159.4	168.5	167.0	164.7	173.0	164.9	171.4	166.2
5:01-07;10-11; 18-20	NON-DURABLE MANUFACTURING	143.9	152.0	148.6	146.1	153.1	153.6	155.2	149.5
5:01	Foods and beverages	139.8	143.4	141.5	125.0	144.7	159.3	144.6	128.4
5:02	Tobacco products industries	119.1	121.7	122.8	127.9	128.6	107.6	122.7	123.3
5:03	Rubber industries	137.3	153.7	154.0	154.1	159.0	131.1	170.6	162.1
5:04	Leather industries	113.0	108.6	113.6	120.4	112.4	100.9	100.9	103.8
5:05	Textile industries	175.0	184.6	192.1	186.4	194.5	175.3	182.0	182.8
5:06	Knitting mills	136.7	141.3	143.9	139.3	141.3	142.6	142.0	139.7
5:07	Clothing industries	122.4	122.0	120.9	124.0	120.7	122.8	120.4	123.7
5:10	Paper and allied industries	136.7	152.0	142.1	148.3	151.2	150.7	157.8	153.6
5:11	Printing, publishing and allied indus- tries	138.0	144.8	144.4	139.1	146.8	142.5	151.0	138.6
5:18	Petroleum and coal products industries ..	143.2	149.0	147.1	152.9	132.2	156.3	154.6	159.7
5:19	Chemical and chemical products industry ..	165.2	172.3	166.8	174.1	178.1	164.9	172.3	179.4
5:20	Miscellaneous manufacturing industries ..	161.8	181.5	169.5	169.2	177.3	185.0	194.4	185.0
5:08-09;12-17	DURABLE MANUFACTURING	178.4	188.7	189.5	187.4	197.5	178.7	191.1	186.7
5:08	Wood industries	143.9	146.6	144.6	145.0	156.5	146.0	138.8	145.4
5:09	Furniture and fixture industries	152.9	161.7	161.2	154.8	157.9	166.1	168.1	152.0
5:12	Primary metal industries	153.0	152.9	156.4	164.1	172.2	131.2	143.9	171.7
5:13	Metal fabricating industries (except machinery and transportation equipment industries)	162.9	169.9	167.7	166.0	172.3	170.7	170.6	164.6
5:14	Machinery industries (except electrical machinery)	198.7	215.5	202.3	211.4	214.5	214.9	221.1	222.6
5:15	Transportation equipment industries	243.1	265.7	279.0	269.1	284.4	228.4	280.9	252.8
5:16	Electrical products industries	192.0	210.6	207.8	204.1	210.0	208.1	220.1	205.7
5:17	Non-metallic mineral products industries ..	139.1	142.8	141.8	119.7	148.5	158.8	144.1	116.9
6	CONSTRUCTION INDUSTRY	149.7	153.9	157.7	124.8	155.6	178.9	156.4	117.1
7:04	ELECTRIC POWER, GAS AND WATER UTILITIES	174.4	190.4	188.1	214.9	179.2	164.0	203.5	235.8
572	Electric power	173.6	189.3	187.1	200.5	180.9	173.6	202.2	221.4
574	Gas distribution	211.4	236.7	234.4	366.7	200.1	121.5	258.6	398.2
7	TRANSPORTATION, STORAGE AND COMMUNICATION ...	150.2	156.8	154.3	150.0	155.0	159.6	162.5	157.5
7:01	Transportation	153.0	157.9	156.0	150.0	157.3	162.9	161.6	156.3
501;502	Air transport	248.5	277.3	227.8	253.3	234.2	368.3	253.5	266.8
506	Railway transport	156.1	155.6	159.3	153.7	163.2	146.1	159.4	160.9
508	Bus transport, interurban and rural	157.3	166.2	133.3	136.9	161.0	214.1	152.6	143.1
509	Urban transit systems	110.4	108.4	113.9	117.0	104.8	101.5	110.3	105.4
515	Pipeline transport	185.6	213.9	195.8	214.9	189.4	208.7	242.7	263.8
7:02	Storage	107.6	113.8	115.1	100.2	114.5	120.6	119.7	109.4
524	Grain elevators	101.2	105.6	109.7	90.7	106.7	113.2	111.8	100.8
7:03	Communication	148.5	159.7	155.1	157.2	154.4	156.3	171.0	167.6

TABLE 6. Index of Real Domestic Product, without Seasonal Adjustment, by quarters - Concluded

(1961=100)

S.I.C.	Industry or industry group	Without seasonal adjustment							
		Annual averages		1968	1969				1970
		1968	1969		IV	I	II	III	
8	TRADE	140.1	146.0	155.8	132.0	148.0	142.1	161.8	133.8
8:01	WHOLESALE TRADE	138.9	146.1	143.0	135.5	150.1	146.4	152.2	141.3
..	Wholesale Merchants	135.9	142.3	137.4	128.1	149.2	146.3	145.5	131.6
8:02	RETAIL TRADE	140.8	145.9	163.5	129.9	146.7	139.5	167.6	129.3
..	Food stores	128.2	133.1	134.4	128.2	134.1	129.3	140.9	134.7
..	Department stores	141.0	152.3	191.7	119.1	143.6	143.0	203.5	119.0
..	General stores	113.8	110.9	125.5	92.9	111.9	114.2	124.5	98.7
..	Variety stores	175.1	171.2	254.4	121.5	159.9	160.9	242.5	106.3
..	Motor vehicle dealers	164.1	171.3	167.5	164.4	198.2	157.1	165.6	144.8
..	Clothing stores	121.0	125.0	153.6	104.7	125.1	112.6	157.7	108.2
..	Shoe stores	122.2	120.3	153.4	88.7	125.7	115.7	151.1	87.9
..	Hardware stores	132.5	131.8	152.8	98.7	139.2	139.2	150.4	95.1
..	Furniture, television, radio and appliance stores	142.8	146.8	170.1	128.9	142.6	147.3	168.2	122.7
..	Drug stores	155.6	161.9	171.2	157.7	154.7	155.9	179.4	161.8
9	FINANCE, INSURANCE AND REAL ESTATE	130.6	136.7	131.7	132.5	136.2	138.8	139.2	140.1
10	COMMUNITY, BUSINESS AND PERSONAL SERVICE INDUSTRIES	144.1	156.5	146.1	149.6	155.0	161.0	160.2	161.9
10:01	Education and related services	167.1	192.9	171.4	182.9	188.9	195.9	203.8	211.7
10:02	Health and welfare services	132.7	139.1	133.7	136.0	138.5	140.2	141.8	145.4
10:04	Motion picture and recreational services ..	151.1	164.1	148.1	144.5	168.9	188.0	155.2	146.9
10:05	Services to business management	155.6	169.6	161.8	164.4	169.2	174.4	170.3	169.0
10:06	Personal services	123.4	127.2	122.4	121.0	127.0	134.1	126.8	123.4
875	Hotels, restaurants and taverns	127.8	131.8	126.1	123.0	131.5	142.1	130.4	124.9
11	PUBLIC ADMINISTRATION AND DEFENCE	120.1	122.3	118.0	119.3	122.6	126.2	121.1	122.4
SPECIAL INDUSTRY INDEXES:									
	Real domestic product less agriculture	145.9	153.1	151.7	146.7	153.9	153.8	158.2	152.1
1-6;7:04	Goods-producing industries	154.7	162.5	155.9	149.7	158.4	183.2	158.6	153.7
2-6;7:04	Goods-producing industries less Agriculture ..	157.1	164.5	164.5	159.3	166.8	163.5	168.3	162.6
7:01-03;8-11	Service-producing industries	138.1	145.2	142.8	137.9	144.9	147.0	151.1	144.7
(1)	Commercial industries	147.1	154.2	150.8	143.7	152.1	165.5	155.7	148.3
(1)	Commercial industries less Agriculture	147.9	154.8	154.7	148.1	155.9	154.8	160.3	152.4
(1)	Non-commercial industries	135.9	144.8	136.3	139.7	143.8	148.4	147.5	150.3
4;5;7:04	Index of Industrial Production	159.8	167.9	167.6	167.8	170.5	161.2	172.1	172.5

(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.

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