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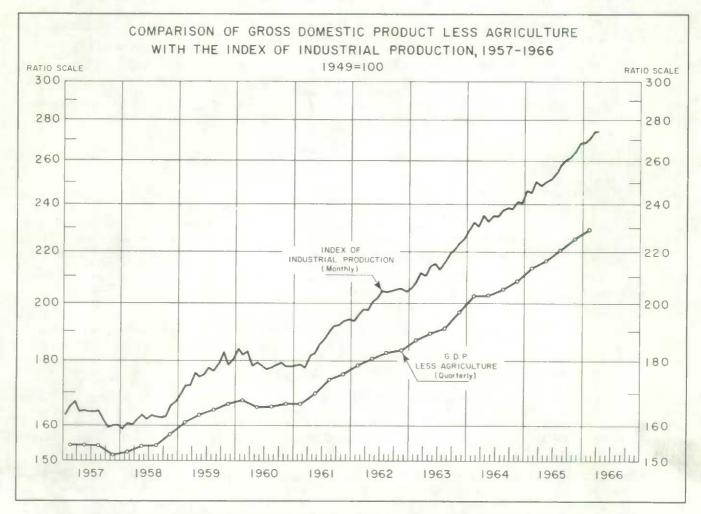
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INDEX OF INDUSTRIAL PRODUCTION (1949=100) APRIL 1966

The seasonally adjusted index of industrial production advanced by 0.1 per cent in April.

Non-agricultural real output increased by 2.0 per cent in the first quarter.



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

National Accounts and Balance of Payments Division Industrial Output Section

APRIL INDEX OF INDUSTRIAL PRODUCTION

The seasonally adjusted Index of Industrial Production advanced marginally in April to 274.2, a gain of 0.1 per cent from the revised March level of 274.0. The advance was the result of gains in mining (+0.4%) and manufacturing (+0.2%) and a decline in electric power and gas utilities (-1.5%). The advance in manufacturing was wholly due to a 0.8 per cent rise in durables, as non-durables fell by 0.4 per cent.

In durable manufacturing much of the increase was due to an export-sparked advance of 4.1 per cent in electrical apparatus and supplies. In non-ferrous metal products, which also registered a 4 per cent gain, practically the entire gain was due to a 5 per cent rise in smelting and refining. Both wood products (+2%) and iron and steel products (+1%) also contributed to the rise in durables. Saw mills were the major factor in the increase in the latter while iron castings, recovering from labor disputes in previous months, made the major contribution to the rise in the former. The 1 per cent decline in transportation equipment was almost entirely attributable to a 3 per cent drop in motor vehicles. The decrease in non-metallic mineral products centred around concrete products and hydraulic cement, both of which fell from high Morch levels. Primary iron and steel fell by 1.9 per cent.

On the non durables side five of the eleven major groups registered increases ranging from 1/2 to 2 per cent. These gains were, however, more than offset by declines ranging up to nearly 4 per cent in the remaining six, which resulted in a 0.4 per cent drop for non durables as a whole. The bulk of the decline occurred in textiles, paper products, and printing publishing, and allied industries. Cotton goods, affected by labor troubles, were primarily responsible for the textiles decline. Pulp and paper, falling from the high levels of the past few months, made the major contribution to the decline in paper products.

In mining, which rose by 0.4 per cent, the entire increase was centred in fuels (+5%) as metals and non-metals fell by 1 per cent and 5 per cent respectively. In metal mining nearly all components fell with the most notable exception to the general decline being the near six per cent rise in iron ore. In fuel mining gains of 5 and 7 per cent were registered by natural gas and petroleum, respectively, even though coal fell by nearly 4 per cent. In non-metals asbestos fell from its high March level.

In electric power and gas atilities both components fell, electric power by 1.7 per cent and gas by 0.4.

SPECIAL NOTE

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

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 shown in Table 3 of this report 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.

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.

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

	10/0			Seasonally	adjusted		
	1949 ercentage	19	065		19	66	
	weights	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
INDEX OF INDUSTRIAL PRODUCTION	32.231	264.0	268.6	268.9	271.5	274.0	274.2
MINING	3.245	377.8	385.0	372.7	387.1	390.4	392.0
Metals	1.925	258.0	270.6	264.0	264.3	262.8	260.7
Gold	0.575	77.5	79.0	75.1	81.4	77.6	74.4
Copper	0.352	196.9	200.2	193.6	198.5	198.9	186.0
	0.099	1,442.8	1,507.4	1,604.6	1,465.2	1,234.9	1,307.2
Iron ore			-				*
Nickel	0.333	208.6	212.2	207.9	193.1	217.9	203.3
Non-metals	0.268	390.0	410.3	413.0	417.4	433.1	409.6
Asbestos	0.189	256.6	281.5	290.7	294.7	319.0	292.9
Fuels	0.915	609.9	601.7	576.1	614.1	622.5	652.2
Coal	0.553	57.5	55.7	54.5	58.2	54.2	52.1
Natural gas	0.035	1,520.1	1,457.2	1,573.3	1,504.6	1,497.6	1,597.1
Petroleum	0.327	1,446.7	1,433.6	1,351.3	1,458.8	1,490.0	1,565.9
MANUFACTURING, TOTAL	27.340	237.6	242.5	243.3	244.6	247.0	247.5
NON-DURABLE MANUFACTURES	14.742	229.1	234.7	235.5	236.8	240.2	239.3
Foods and beverages	3.814	196.8	200.1	199.4	200.9	203.3	204.2
Fred -	2.896	188.9	192.8	194.6	192.7	194.9	197.5
Foods	0,523	193.3	189.0	183.6	185.9		
Meat products						198.8	189.5
Dairy products	0.450	196.9	200.6	200.2	202.7	202.6	196.0
Canning and processing	0.453	193.0	213.8	217.9	205.0	213.1	231.1
Grain mill products	0.322	199.3	205.6	212.5	207.6	196.0	208.5
Bakery products	0.558	150.8	151.3	150.4	152.6	153.9	153.7
Miscellaneous foods	0.590	206.2	206.5	214.2	211.4	210.0	215.3
	0.010	003 5	202 1	03/ 6	006 7	200 7	005 6
Beverages	0.918	221.5	223.1	214.6	226.7	229.7	225.6
Carbonated beverages	0.231	187.5	199.7	187.9	225.6	200.6	209.4
Breweries	0.463	198.2	188.5	202.4	200.6	193.2	202.3
Distilleries	0.203	311.4	326.5	275.2	290.3	349.8	300.1
Tobacco and tobacco products	0.248	246.7	250.0	265.5	270.5	267.5	261.8
Rubber products	0.430	247.1	261.5	265.2	260.3	263.4	265.4
7 1 3 6	0.508	136.7	138.5	135.2	135.1	137.6	139.0
Leather products	0.307	137.0	139.3	133.9	131.9	134.0	137.1
boots and snoes							
Textiles	1.623	222.0	235.4	235.3	229.0	231.8	227.8
Cotton goods	0.507	140.0	161.3	162.3	147.8	148.2	128.0
Woollen goods	0.300	86.1	91.6	88.2		94.9	93.8
Synthetic Textiles and Silk	0.429	403.7	424.4	427.9	412.9	419.2	428.9
		176.5	179.9	173.3	174.1	178.7	180.3
Clothing	1.801	170.3	27717	270.0	1/7. I	170.7	100.0
	2 640	200.5	204.6	212.5	217.5	218.1	214.8
Paper products	2.649	200.5	204.0	1212.3	211.3	210.1	-1.00

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

	10/0		5	Seasonally	adjusted		
Industry or industry group	1949 percentage	1	965		190	56	
	weights	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
NON-DURABLE MANUFACTURES -							
Concluded:							
Printing, publishing and allied							
industries	1.273	234.8	238.0	236.8	234.2	242.8	233.
Products of petroleum and coal	0.513	338.8	348.1	339.5	356.9	367.2	358.
Petroleum products	0.454	367.6	378.0	368.1	387.2	399.5	5500
		0.00					
Chemicals and allied products	1.359	360.9	370.5	3 73.0	374.8	379.2	387.
Acids, alkalies, salts and fertilizers	0.346	497.4	534.0	516.5	506.1	503.8	530.
	0.340		30	2 2 0 1 3	300.1	303.0	330.
Miscellaneous manufactures	0.524	416.1	418.0	426.9	429.9	435.5	435.
DURABLE MANUFACTURES	12.598	247.5	251.6	252.5	253.7	255.0	257.0
	0.100	100 (106.0	106 6	10/ 0	100 1	100
Wood products	2.108	188.6 189.9	196.0 199.7	186.6 185.3	184.2 180.2	189.1 186.3	192.
Saw and planing mills	0.122	424.5	425.2	459.2	434.4	435.6	
Veneers and plywoods		184.5	198.4	174.3			433.
Sawmills	0.994	224.0	226.4	229.9	171.4 234.8	179.5	184.
Furniture	0.400	224.0	220.4	447.7	234.0	237.0	240.
Iron and steel products	4.026	246.3	250.1	257.4	258.0	256.1	257.
Machinery	0.851	260.0	262.0	269.1	273.0	274.6	276.
Iron castings	0.387	234.5	262.8	259.8	233.3	188.2	212.
Primary iron and steel	0.845	323.8	324.5	335.2	341.6	349.1	342.3
Sheet metal products	0.359	279.5	280.1	286.4	293.2	293.0	291.0
Transportation equipment	2.651	270.8	271.4	273.0	278.5	277.3	274.9
Aircraft and parts	0.203	333.8	348.7	365.4	383.7	395.5	406.
Motor vehicles	1.035	377.3	373.3	383.1	392.5	383.9	371.
Motor vehicle parts	0.462	360.1	364.1	344.9	343.7	348.1	356.2
Railway rolling stock	0.621	62.4	62.9	62.7	62.9	63.0	63.
Shipbuilding and repairs	0.261	167.5	169.3	167.1	172.2	175.5	175.
Non-ferrous metal products	1,601	194.5	193.0	195.8	192.5	194.3	201.
Brass and copper products	0.241	181.7	183.2	178.5	175.6	179.3	181.9
Smelting and refining	1.028	192.5	189.2	194.4	189.3	190.8	200.6
Electrical apparatus and							
supplies	1.418	328.5	342.0	333.0	340.2	342.9	357.1
Heavy electrical machinery	0.489	253.4	255.4	260.4	266.4	270.5	271.6
Telecommunication equipment	0.142	891.8	1,006.4	814.0	839.1	869.4	964.5
Refrigerators and appliances	0.227	307.5	313.3	347.5	345.1	329.2	348.0
Non-metallic mineral products	0.794	294.4	298.3	304.2	302.5	314.5	299.5
Concrete products	0.098	879.3	905.3	912.2	977.0	987.4	878.0
Hydraulic cement	0.117	307.7	306.1	323.1	323.8	389.5	337.4
Domestic clay products	0.083	142.7	153.9	163.4	152.9	145.6	141.5
PI POTRIC BOLIED AND CAR INTI IMIDO	1.646	478.0	471.6	488.9	490.7	492.7	485.5
ELECTRIC POWER AND GAS UTILITIES	1.480	433.0	429.4	452.4	449.2	456.0	448.4
Electric power	0.166	879.3	847.4	813.9	860.5	819.6	816.3
Gas	0.100	0,,,,	U-77.T	010.7	000.5	019.0	010.3

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

	Anı	nual		Witho	out season	al adjustr	ment	
Industry or industry group		rages		1965			1966	
	1964	1965	Feb.	Mar.	Apr.	Feb.	Mar.	Apr.
INDEX OF INDUSTRIAL PRODUCTION	235.3	254.9	247.1	250.7	247.8	274.0	274.2	274.4
MINING	346.4	365.6	344.5	351.8	344.4	375.9	378.1	385.6
Metals	245.7	249.5	224.0	236.8	236.4	241.4	244.7	256.7
Gold	85.9	80.6	81.3	79.7	87.5	79.8	75.8	78.5
Copper	187.8	195.6	183.9	185.5	189.7	185.8	191.3	178.6
Iron ore	1,185.3	1,236.8	846.7	921.7	1,045.1	986.1	938.5	1,125.5
Nickel	181.0	209.9	209.9	219.2	221.0	201.0	223.6	216.7
Non-metals	312.8	377.2	322.2	343.1	360.0	384.5	413.4	410.9
Asbestos	259.9	269.4	258.8	269.4	281.3	283.2	314.9	305.8
Fuels	557.7	592.8	618.4	604.5	565.1	665.1	652.2	651.3
Coal	55.1	56.3	64.7	62.2	55.6	66.4	56.5	49.5
Natural gas	1,382.3	1,476.4	1,651.7	1,619.1	1,476.5	1,715.2	1,651.9	1,614.7
Petroleum	1,319.2	1,405.5	1,444.1	1,413.1	1,329.2	1,565.3	1,552.6	1,565.9
MANUFACTURING, TOTAL	211.9	230.1	220.1	225.0	223.6	244.3	245.9	247.1
NON-DURABLE MANUFACTURES	211.2	224.1	216.0	215.6	214.5	235.9	236.6	236.0
Foods and beverages	185.6	193.1	167.6	169.6	173.4	179.6	180.7	187.2
Foods	180.6	187.4	164.6	165.3	168.2	173.1	173.1	177.5
Meat products	182.6	192.3	186.3	188.4	187.4	187.6	194.8	189.9
Dairy products	189.6	196.0	164.9	178.2	190.4	172.3	186.2	192.5
Canning and processing	190.0	197.2	117.0	112.7	118.8	124.1	120.4	136.6
Grain mill products	184.1	189.3	193.0	183.2	179.6	219.8	201.5	202.2
Bakery products	151.3	151.7	145.3	144.5	144.8	145.2		146.5
Miscellaneous foods	190.6	201.9	184.7	185.2	188.2	199.4	145.8	202.3
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Beverages	201.3	211.0	176.9	183.4	189.5	199.9	204.7	217.7
Carbonated beverages	181.0	186.2	181.1	143.1	155.9	214.3	155.1	190.1
Breweries	185.7	191.1	147.0	192.8	195.4	166.9	193.2	213.4
Distilleries	262.1	284.8	243.9	212.7	219.8	264.2	293.8	267.1
Tobacco and tobacco products	232.1	243.4	247.6	243.7	236.9	279.4	272.9	258.7
Rubber products	232.8	237.4	272.4	236.0	232.6	307.2	272.6	275.0
Leather products	137.3	135.2	147.2	147.4	138.1	148.6	149.6	142.9
Boots and shoes	136.9	134.3	151.7	153.2	140.7	151.6	153.7	145.5
Textiles	203.3	220.6	228.9	215.4	208.2	248.3	239.2	232.4
Cotton goods	141.2	149.7	173.1	161.2	137.1	171.4	155.6	134.9
Woollen goods	91.2	89.6	84.8	85.7	78.2	91.7	91.0	92.4
Synthetic textiles and silk	338.4	391.3	408.5	367.6	369.8	462.5	444.4	439.6
Clothing	163.4	171.2	172.4	173.8	166.4	181.1	182.8	178.7
	104 1	100 2	102.0	107 (100 7	212 6	250.0	01/ 0
Paper products	186.3	198.3	192.0	197.6	192.7	213.5	219.3	214.0
Pulp and paper	182.0	192.8	191.2	195.7	188.4	212.0	216.9	208.8

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

	Aur	ual		Withou	t season	al adjust	ment	
Industry or industry group		ages		1965			1966	Interior I
	1964	1965	Feb.	Mar.	Apr.	Feb.	Mar.	Apr.
NON-DURABLE MANUFACTURES - Concluded:								
Printing, publishing and allied								
industries	207.4	223.3	218.5	217.8	229.5	234.3	243.1	245.
Products of petroleum and coal	330.1	345.9	350.2	336.8	308.2	369.4	362.7	329.
Petroleum products	357.9	375.5	381.3	365.1	332.7	401.9	394.3	
Chemicals and allied products Acids, alkalies, salts and	312.7	344.7	327.4	335.9	346.0	380.8	385.1	399.
fertilizers	416.5	469.0	461.9	463.2	469.2	535.0	531.0	557.
Miscellaneous manufactures	386.5	407.3	380.1	385.6	389.3	412.7	421.1	420.
DURABLE MANUFACTURES	212.7	237.2	224.9	236.0	234.3	254.0	256.9	260.
Wood products	174.3	181.7	183.7	183.7	171.1	192.6	195.9	184.
Saw and planing mills	180.0	182.8	191.8	189.3	169.5	192.0	193.9	181.
Veneers and plywoods	397.7	403.8	428.2	420.0	412.2	466.5	466.1	455.
Sawmills	172.8	177.1	189.5	186.8	159.9	190.9	195.5	171.
Furniture	192.6	216.3	199.9	206.7	209.8	227.8	230.7	233.
Two and shool amadusts	215 2	220 1	220 5	220 0	224.2	250 5	052.7	057
Iron and steel products Machinery	215.2	239.1	220.5	230.8	234.3	250.5	253.7	257.
Iron castings	199.3	218.9	205.1	234.2	238.0	267.0	269.4	272.
Primary iron and steel	291.2	320.0	291.2	310.6	322.0	235.9	200.2	225. 349.
Sheet metal products	248.1	274.2	243.9	249.6	262.1	272.4	276.3	281.
Transportation equipment	210.5	250.0	245.9	277.2	271.8	302.1	303.9	307.
Aircraft and parts	336.3	319.3	333.0	334.4	299.4	386.8	399.1	398.
Motor vehicles	274.2	347.6	346.0	417.2	406.2	448.2	445.7	450.
Motor vehicle parts	262.2	317.2	298.6	312.3	314.3	357.4	362.0	370.
Railway rolling stock	58.9	62.6	60.7	61.7	62.9	61.8	62.3	62.
Shipbuilding and repairs	148.7	161.9	153.9	163.6	170.7	165.8	175.9	181.
Non-ferrous metal products	174.2	186.9	181.8	187.9	188.3	193.9	197.4	205.
Brass and copper products	155.6	162.7	162.0	163.1	159.9	183.1	182.9	180.
Smelting and refining	176.5	188.9	187.1	194.9	195.0	191.8	196.3	208.
Electrical apparatus and								
supplies	279.1	319.2	305.7	307.3	305.1	339.0	336.5	349.
Heavy electrical machinery	213.0	241.6	227.5	228.8	234.3	262.9	265.9	269.
Telecommunication equipment	744.5	895.1	892.2	838.0	792.4	869.3	826.8	897.
Refrigerators and appliances	274.9	301.9	290.6	316.6	309.9	343.7	338.1	360.
Non-metallic mineral products	268.2	286.9	228.4	232.9	242.7	243.8	256.0	261.
Concrete products	814.1	858.0	544.1	612.0	692.7	654.6	710.9	727.
Hydraulic cement	277.5	298.8	192.5	220.2	250.0	220.2	271.9	283.
Domestic clay products	138.3	142.8	111.5	119.6	136,7	122.3	123.2	137.
LECTRIC POWER AND GAS UTILITIES	405.7	448.3	503.5	478.9	459.7	566.4	538.2	510.
Electric power	371.5	408.8	429.5	417.6	399.7	485.1	477.9	452.
Gas	711.0	800.6	1,163.4	1,025.1	994.8	1,290.8	1,076.2	1,022.

Real Domestic Product less Agriculture

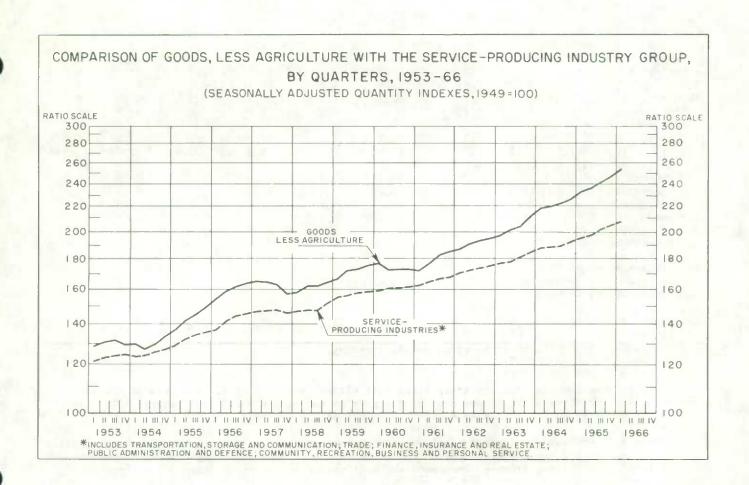
Note to Users

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. Occassional Paper 61-505, "Indexes of Real Domestic Product by Industry of Origin, 1935-61".

Quarterly indexes for agriculture and for aggregate domestic production will not be available, except on a once-a-year basis; they will appear in the annual supplement to this report each spring.



REAL DOMESTIC PRODUCT LESS AGRICULTURE, FIRST QUARTER, 1966

At an index level of 229.9(1) for the first quarter of 1966, seasonally adjusted Real Domestic Product, less agriculture, was 2 per cent higher than in the preceding quarter.

Table(A) shows the percentage increases of the major industry groupings and their contributions, over the past four quarters, to the 37.9 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 output had increased by 10.5 per cent and 23.1 per cent, respectively, as measured from the trough to the peak of the cycle in aggregate production (see Table B). The current expansion has been of considerably longer duration than the preceding two, having now lasted for five years. Thus the rate of expansion has been lower than during the 1954-56 upturn. When measured from peak to peak the gain achieved so far during the current cycle was 37.1 per cent, which is almost twice the increase over the 1953-56 cycle. This yields a rate of increase over the cycle as a whole only marginally lower than that for the 1953-56 cycle.

TABLE A

	IQ'61	- IIQ'65	IQ'61	- IIIQ'65	IQ'61	- IVQ'65	IQ'61	- IQ'66
	%	Effect on GDP less Agri- culture	%	Effect on GDP less Agri- culture	%	Effect on GDP less Agri- culture	%	Effect or GDP less Agri- culture
Gross domestic product								
less agriculture	29.8	29.8	32.4	32.4	35.2	35.2	37.9	37.9
Forestry	35.0	. 6	20.2	. 4	22.0	. 4	30.2	. 6
Fishing and trapping	- 17.5	1	- 17.7	1	- 12.9	1	- 15.6	1
Mining	32.0	1.9	38.4	2.3	39.2	2.3	42.3	2.5
Manufacturing	41.5	12.2	45.3	13.3	49.3	14.5	53.0	15.6
Non-durable	31.3	5.2	34.8	5.8	37.9	6.3	41.5	6.9
Durable	54.7	7.0	58.9	7.5	64.2	8.2	67.9	8.7
Construction	31.0	2.1	33.7	2.3	38.5	2.6	42.8	2.9
Electric power and gas	0 1.0							
utilities	43.3	1.5	47.3	1.6	55.5	1.9	61.1	2.0
Other goods, n.e.c.	14.5	. 1	14.9	. 2	15.2	. 2	15.6	. 2
Transportation, storage	21.5		- 1.	• -				
and communication	31.2	3.0	34.8	3.3	37.9	3.6	39.6	3.8
Transportation	33.3	2.3	37.4	2.6	40.4	2.8	42.9	
Trade	26.2	4.0	28.7	4.3	31.4	4.8	33.7	-
Wholesale	38.0	2.0	41.0	2.1	45.2	2.3	43.4	_
Retail	20.0	2.0	22.3	2.2	24.3	2.4	28.6	2.8
Finance, insurance and	20.0	2.0	22.3	2.2	21.0		-0.0	
real estate	22.1	2.4	23.3	2.5	23.8	2.5	26.2	2.8
Public administration	22.1	Z. ¬	20.0		20.0	3	20,2	2.0
and defence	4.1	. 2	4.4	.3	5.1	. 3	4.1	. 2
Community, recreation,	4.1	. 4-	-TT	. ~	J . L		14 1	
business and personal	10 5	2.0	20.8	2.1	22.2	2.3	23.6	2.4
service	19.5	2.0	20.0	4 a h	66.6	2.5	20.0	2.7

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

The goods-producing industry group (less agriculture) advanced by 2.7 per cent in the first quarter and accounted for about 70 per cent of the gain in non-agricultural real output. The service-producing industry group showed a more moderate increase of 1.3 per cent.

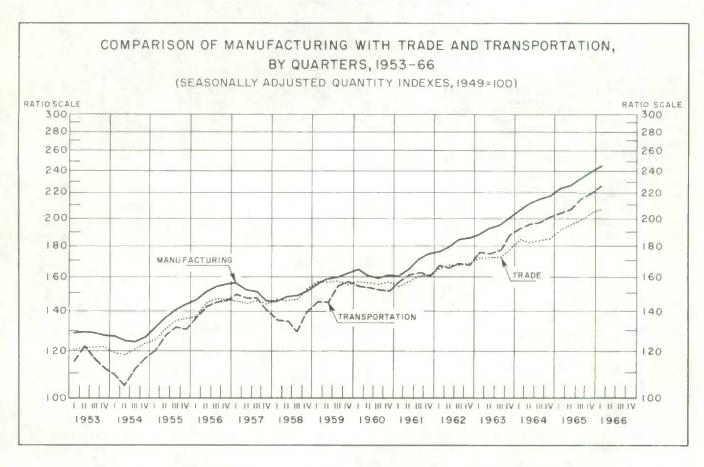
Manufacturing was the largest single contributor to the first quarter gain in non-agricultural real output, accounting for almost 40 per cent of this increase. The next largest contributors were trade, construction and the finance, insurance and real estate group, which jointly accounted for

⁽¹⁾ See special note on page 2.

another 32 per cent of the gain in real domestic product, less agriculture. Most of the other major industry groupings also showed advances in output from their fourth quarter levels, the exceptions being public administration and defence and fishing and trapping.

Manufacturing advanced by 2.5 per cent in the first quarter, with the non-durable manufacturing component accounting for over one-half of this gain. Within non-durables, which increased by 2.6 per cent, most major groups showed increases in the first quarter, ranging from one per cent in textiles to almost 8 per cent in tobacco products. The 6.6 per cent gain in paper products and the 3 per cent advance in the output of chemicals accounted for about 55 per cent of the first quarter gain in non-durables. Paper products advanced largely as a result of the sharp increase in pulp and paper production. The food products group, rubber products and petroleum products showed increases in excess of 2 per cent. The only two industry groups to show a decline were leather products and clothing, both of which declined by about one per cent.

Within durable manufacturing, which was up by 2.3 per cent, over three-quarters of the increase came from iron and steel products and transportation equipment which increased by 3.9 and 2.4 per cent, respectively. Primary iron and steel and the machinery and machine shops group were the largest contributors to the first quarter gain. The 2.7 per cent increase in motor vehicle output and the sharp gain in aircraft and parts production accounted for most of the advance in the output of the transportation equipment group. Non-metallic mineral products increased by 4.6 per cent, because of strong gains in the output of cement and concrete products. Electrical apparatus and supplies and non-ferrous metal products showed increases of 2.3 and 0.7 per cent in the first quarter, the latter largely as a result of a small increase in smelting and refining. The only major industry group to decline was wood products, down 2 per cent, because of a sharp drop in the output of sawmills.



The next largest contributions to the first quarter gain in non-agricultural real output came from trade, which was up by 1.7 per cent, construction, up by 3.1 per cent, and finance, insurance and real estate which increased by 1.9 per cent. Within trade, the retail component showed a gain of 3.5 per cent, while wholesale trade declined moderately. Department stores, furniture and appliance stores, lumber and building material dealers, farm implement dealers and farm feed stores were among the retail trades to show large gains. Sales of motor vehicle dealers showed little change from the levels achieved in the previous quarter, although sales for the month of March were quite high. Among the components of wholesale trade to show strong gains in the first quarter were farm machinery, construction material and supply dealers, hardware dealers, wholesalers of meat and dairy products and

clothing products. Sales of commercial, institutional and service equipment and industrial and transportation equipment and supplies also increased sharply. These gains, however, were more than offset by declines in many of the other components of wholesale trade.

First quarter gains among other major industry groupings ranged from about one to about 7 per cent. Transportation, storage and communication showed an increase of 1.3 per cent, with most of the gain coming from the transportation industries. Storage declined by 4 per cent. Within transportation, which advanced by 1.8 per cent, the strong gains in railway and water transport were considerably dampened by the decline in the output of the strike-affected trucking industry. Mining increased by 2.2 per cent in the first quarter, largely as a result of the 3 per cent advance in metal mining. Within metal mining gains were widespread, with zinc, lead and copper production showing the largest gains. Non-metal mining was up by 4.9 per cent. The community, recreation, business and personal services group advanced by 1.2 per cent, with the business service component accounting for most of this gain. Electric power and gas utilities and forestry increased by 3.6 and 6.7 per cent, respectively, the latter largely as a result of strong increases in pulp-wood production.

TABLE B

			changes in ma					
		Peak to pea	ık	Trough to peak				
	3Q'53 - 4Q'56	4Q'56 - 1Q'60	10'60 - 10'66(1)	2Q'54 - 4Q'56	4Q'57 - 1Q'60	1Q'61 - 1Q'66(1)		
						1111111		
Real domestic product less								
agriculture	21.4	9.0	37.1	23.1	10.5	37.9		
Forestry	19.0	1.3	16.2	17.9	33.7	30.2		
Fishing and trapping	1.8	- 18.4	38.3	3.9	- 7.4	- 15.6		
Mining	55.5	24.7	34.9	48.6	16.2	42.3		
Manufacturing	20.1	6.1	48.9	24.4	12.8	53.0		
Non-durable	19.3	12.9	42.4	19.4	14.6	41.5		
Durable	21.1	- 1.2	56.8	30.1	10.9	67.9		
Construction	27.8	- 0.9	34.7	34.0	- 3.9	42.8		
Electric power and gas								
utilities	44.4	38.1	66.9	33.9	28.9	61.1		
Other goods industries, n.e.c.	9.7	- 4.1	15.5	21.2	1.5	15.6		
Transportation, storage and								
communication	26.4	7.9	42.8	34.6	9.7	39.6		
Transportation	25.7	4.7	45.4	40.1	9.0	42.9		
Trade	20.7	6.9	31.7	24.5	9.7	33.7		
Wholesale	20.8	11.0	33.5	31.9	16.8	43.4		
Retail	20.6	4.7	30.7	20.8	6.1	28.6		
inance, insurance and real								
estate	16.9	15.5	30.6	12.0	9.6	26.2		
ublic administration and								
defence	10.4	9.1	8.9	7.0	5.1	4.1		
and personal service	12.0	12.2	26.4	10.6	11.1	23.6		

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

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

	Real				Mini	ng		Manu	facturing
	domestic product, less agriculture	Forestry	Fishing and trapping	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
MEAL BUT			S	easonal:	ly adjust	ed			
10/2	107.0	1/0 0	100 /	200 /	010.0	265 2	507.7	100 1	100.0
1963 - 1	187.0 189.2	148.8	1 22. 4 134.6	308.4	218.0 232.8	265.3	507.7	188.1	189.2 193.3
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
7 000000	277.00	101.4	121.1	55107	200,1	60717	333.0	200.0	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	229.9	167.8	119.8	383.4	263.7	421.2	604.2	245.0	237.5
2									
4									
4	100								
			Witho	ut seas	onal adju	stment			
1963	191.1	149.4	125.2	318.3	227.5	273.0	516.6	193.9	194.9
1964	204.8	159.3	123.2	346.4	245.7	312.8	557.7	211.9	211.2
1965	218.6	160.4	120.4	365.6	249.5	377.2	592.8	230.1	224.1
1966	210.0	100.4	120.4	305.0	277.5	3//.2	372.0	250.1	227.1
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		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 /
2	206.1	135.9	118.3	350.7	264.1	317.4		215.8	200.4
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
7	213.4	100.7	147.4	340.2	232.2	342.0	370.1	210.7	219.5
1965 - 1	202.1	144.3	74.7	351.5	233.8	326.3	619.9	218.6	212.1
2	218.9	151.5	118.1	356.2	252.4	376.7	551.6	231.8	222.1
3	222.9	184.9	163.7	379.1	261.2	381.9	594.7	227.3	227.3
4	230.8	161.0	125.2	375.6	250.9	423.7	605.0	242.7	234.8
1966 - 1	218.1	146.4	78.6	371.4	238.1	390.0	655.9	241.0	231.3
	- AU - A	170.7	,0.0	31207	-50.1	570.0	VJJ . J	-71.0	-31.3
7 1									
2									

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

					Manufac	turing			
				Non-	durable ma	nufacturin	g		
		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
				S	easonally	adjusted			
1063	- 1	160.0	222 7	205.2	121 0	177.0	1// 1	162.0	
1903		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	
		197.0	240.1	433.3	137.3	229.3	1//.2	202.7	233.9
1966	- 1	201.2	267.8	263.0	136.0	232.0	175.4	216.0	237.9
	2								
	3								
	4								
				Withou	t seasonal	adjustmen	t		
1062		172.2	225.3	207 /	100 1	106.0	150.3	170 1	105.0
		185.6	232.1	207.4 232.8	132.1	186.0	150.3	170.1	195.2
	**********	193.1	243.4	237.4	137.3	203.3	163.4	186.3	207.4
1966	**********	193.1	243,4	231.4	135.2	220.6	171.2	198.3	223.3
1963		-1-6	1						
1903		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 0	189.7	212 2
	2						171.9		212.3
	3	188.1	257.3	243.0	133.4	220.1	165.9	196.8	227.6
	4	214.8	228.2	206.3	126.0	211.4	175.2	200.6	213.7
		203.0	248.9	261.4	137.0	234.9	171.9	206.2	239.7
1966	- 1	176.0	267.8	276.4	145.0	239.0	180.3	210.1	233.2
	2								
	3								
	4								

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

				Manufact	uring			
	Non-dura	ble manufact	uring		Dura	ble manufa	cturing	
	Products of petroleum and coal	Chemicals and allied products	Miscel- laneous manu- facturing	Total	Wood products	Iron and steel products	Transpor- tation equipment	Non- ferrous metal products
1949 Weights	0.513	1.359	0.524	12.598	2.108	4.026	2.651	1.601
			Sea	sonally	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
7	327.0	270.2	304.7	201.2	1/1./	197.0	211.1	102.0
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	
	327.7	313.4	391.0	217.4				173.9
3	335.3	328.7			174.4	216.0	229.5	174.0
4	333.3	340.1	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	22/ 2	100 /
	344.8	339.9					234.3	182.4
2			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	375.7	430.8	253.7	186.7	257.2	276.2	194.2
2								
3								
4								
			Without	seasona	l adjustme	nt		
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	343.7	344.7	407.5	257.2	101.7	237.1	230.0	100,9
1963 - 1	312.0	273.8	322.1	183.9	163.8	180.9	140.8	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		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
1065	240 4	226 1	200 (226 0	170 5	222 2	054 =	
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	376.0	414.8	252.2	188.6	249.0	300.6	194.9
2	1							
3								
4								

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

			194	9=100					
	Manufact	uring		Electric		sportation, nd communica		Tra	ıde
	Durable manu Electrical apparatus and supplies	Non- metallic mineral products	Con- struction	power and gas utilities	Total	Transpor- tation	Storage	Total	Whole- sale
1949 Weights	1.418	0.794	6.379	1.646	8.363	6,528	0.230	14.562	4.995
				Seasonally	adjust	ed .			
1963 - 1	2/.6 0	222.0	172.0	251 0	100 0	175 7	017.0		100.0
	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	
4	331.1	293.5	219.6						218.2
4	331.1	293.3	219.0	473.6	231.9	219.0	241.1	203.6	224.7
1966 - 1 2 3 4	338.7	307.1	226.3	490.7	234.8	222.9	231.5	207.1	222.0
			Wit	hout season	al adju	stment			
1963	254.9	235.0	172 (2/7 5	100.0	170.0			
	279.1		173.6	367.5	192.0	178.8	227.1	173.2	181.6
		268.2	190.4	405.7	209.3	196.4	239.6	183.8	197.2
1966	319.2	286.9	206.7	448.3	224.8	212.2	230.4	197.6	217.1
.963 _ 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	
3	253.5		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
964 - 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
965 - 1	303.8	226.2	138.1	491.3	198.7	181.4	174.0	177.8	217.1
2	311.0	284.0	203.9	421.9	226.0	215.8	222.1	203.0	226.7
3	313.7	329.1	250.8		240.2				
4						233.2	254.4	189.8	201.1
	348.2	308.1	234.1	493.3	234.2	218.4	271.2	220.0	223.5
.966 - 1	334.1	245.4	158.1	553.3	213.2	196.1	187.9	192.2	229.4
2									
3									
4	J								

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

	Trade			Com-		Specia	l Industry	Indexes	
	Trade	Finance,	Public	munity,			Commercial		
	Retail	surance and real	adminis- tration and defence	ation, business and	Goods less agri-	Service- pro- ducing indus-	indus- tries, less	Non- com- mercial indus-	of In- dustria Pro-
		estate		personal service	culture	tries(2)	agri- culture	tries(3)	duction
.949 Weight	9.567	9,127	4.666	10.202	42.366	46.920	81.015	8.271	32.231
				Seas	onally ad	ljusted			
963 - 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	
3	168.2	195.9	189.2	165.6	203.0	180.1			213.2
4	173.3		189.2	167.0	210.7		191.0	191.2	216.2
7	173.3	170.7	107.2	107.0	410.7	184.7	197.5	192:3	223.4
964 - 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
965 - 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
906 - 1	100 2	210 /	100.0	10/ 0	05/ 7	007 5	200		11
2	199.3	218.4	189.9	184.2	254.7	207.5	232.9	200.9	271.5
3	i i			100					
4									
				Without	seasonal	adjustment			
963	168.8	194.5	188.1	165.0	202.9	180.4	191.3	188.7	215.3
964	176.8	203.0	189.8	171.0	221.4	189.9	205.8	195.1	235.3
965	187.5	211.9	190,7	178.8	238.8	200.5	220.7	198.6	254.9
966									
963 - 1	143.6	186.5	181.0		184.6	167.6	175.0	182.8	206.5
2	171.4		188.0	164.4	203.5		192.5	188.3	216.6
3	164.5	199.3	196.0	170.0	208.7	182.9	195.3	193.9	212.5
4	195.6	197.7	1,87.5	167.1	214.9	189.1	202.6	189.7	225.8
964 - 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		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
965 - 1	157.2	204.4	183.7	170.5	220.2	185.7	203.0	192.9	245.9
2	190.6	212.5	190.6	178.1	237.2	202.3	221.0	198.3	254.0
3	183.8	216.7	198.6	184.5	244.0	203.7	224.8	204.0	250.7
4	218.2	214.0	189.8	182.1	253.7	210.1	234.0	199.2	268.9
966 - 1	177 0	21/4 5	193 6	170 2	2/,1 0	106 6	220 2	106.0	070
2	172.8	214.5	183.6	179.3	241.8	196.6	220.2	196.8	270.1
3									
** ******									

⁽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.



Least Squares of Logarithms Growth Rates, 1946-65

Index of Industrial Production 5.61 Durable manufactures - Concluded Iron and steel products Mining 9.10 Machinery Iron and steel Coper 9.10 Machinery Iron and steel Coper 4.98 Sheet metal products Iron ore N.A. Transportation equipment Products Iron ore N.A. Transportation equipment Non-metals 5.97 Motor vehicles Motor vehicle parts Fuels 12.60 Railway rolling and repairs Natural gas 17.88 Non-ferrous metal products Petroleum 21.37 Brass and copper products Manufacturing 4.78 Heavy electrical apparatus and supplies Manufacturing 4.78 Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-durable manufactures 4.82 Non-metalic mineral products Foods and beverages 3.88 Concrete products Foods and beverages 3.60 Domestic clay products Matural products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power and gas utilities Grain mill products 2.83 Electric power Gas utilities Grain mill products 4.64 Carbonated beverages 5.62 Breveries 4.95 Agriculture Carbonated beverages 5.62 Breveries 4.35 Forestry Distilleries	4.42 4.35 6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Times	% 4.77 4.42 4.35 6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Mining	4.42 4.35 6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Mining	4.42 4.35 6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Mining 9.10 Machinery Metals 7.17 Iron castings Gold N.A. Primary iron and steel Copper 4.98 Sheet metal products Iron ore N.A. Transportation equipment Nickel 4.58 Aircraft and parts Non-metals 5.97 Motor vehicles Asbestos 4.66 Motor vehicle parts Fuels 12.60 Railway rolling stock Coal 3.98 Shipbuilding and repairs Natural gas 17.88 Non-ferrous metal products Petroleum 21.37 Brass and copper products Smelting and refining Electrical apparatus and supplies Manufacturing 4.78 Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-durable manufactures 4.82 Non-metallic mineral products Foods and beverages 3.88 Concrete products Foods and products 3.06 Domestic clay products Meat products 3.06 Domestic clay products	4.42 4.35 6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Metals 7.17 Iron castings Gold N.A. Primary iron and steel Copper 4.98 Sheet metal products Iron ore N.A. Transportation equipment Nickel 4.58 Aircraft and parts Non-metals 5.97 Motor vehicles Asbestos 4.66 Motor vehicle parts Fuels 12.60 Railway rolling stock Coal -3.98 Shipbuilding and repairs Natural gas 17.88 Non-ferrous metal products Petroleum 21.37 Brass and copper products Smelting and refining Electrical apparatus and supplies Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-metallic mineral products Foods 3.58 Concrete products Foods and beverages 3.88 Concrete products Foods 3.55 Hydraulic cement Meat products 4.64 Dairy products Grain mill products 2.83 Electric power and gas utilities <t< td=""><td>4.35 6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27</td></t<>	4.35 6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Gold	6.79 5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Copper 4.98 Iron ore N.A. Transportation equipment Nickel 4.58 Non-metals 5.97 Asbestos 4.66 Fuels 12.60 Coal 3.98 Natural gas 17.88 Petroleum 21.37 Manufacturing 4.78 Manufacturing 4.78 Manufacturing 4.78 Mon-durable manufactures 4.82 Foods and beverages 3.88 Foods 3.55 Meat products 4.66 Meat products 4.66 Motor vehicle parts Refrigerators and appliances Non-durable manufactures 4.82 Foods 3.55 Meat products 3.06 Dairy products 4.64 Canning and processing 3.54 Grain mill products 2.83 Bakery products 4.61 Beverages 4.95 Carbonated beverages 5.62 Breweries 4.35 Distilleries 5.64	5.92 4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Iron ore N.A. Transportation equipment Nickel 4.58 Aircraft and parts Non-metals 5.97 Motor vehicles Motor vehicles Motor vehicle parts Fuels 12.60 Railway rolling stock Coal -3.98 Shipbuilding and repairs Natural gas 17.88 Petroleum 21.37 Brass and copper products Smelting and refining Electrical apparatus and supplies Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-durable manufactures 4.82 Non-metallic mineral products Foods and beverages 3.88 Concrete products Meat products 3.06 Domestic clay products Meat products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power and gas utilities Grain mill products 2.49 Gas utilities Gas utilities Carbonated beverages 4.95 Agriculture Carbonated beverages 5.62 Ereweries 4.35 Forestry Distilleries 5.64	4.10 7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Nickel 4.58 Non-metals 5.97 Asbestos 4.66 Fuels 12.60 Coal -3.98 Natural gas 17.88 Petroleum 21.37 Manufacturing 4.78 Manufacturing 4.78 Manufacturing 4.78 Manufactures 4.82 Foods and beverages 3.88 Foods 3.55 Dairy products 4.64 Canning and processing 3.54 Grain mill products 2.49 Miscellaneous foods 4.61 Beverages 4.95 Carbonated beverages 5.62 Breweries 4.35 Distilleries 5.64 Motor vehicles adircraft and parts Motor vehicles adircraft and parts Motor vehicles adircraft and parts Motor vehicles and survehicles and sulve parts Motor vehicles And to rehicles and sulve parts Motor vehicles And to rehicles And to rehicles and sulve products Monor-ferrous metal products Shipbuilding and repairs Non-ferrous metal products Smelting and repairs Monor-ferrous metal products Meat products and supplies Heavy electrical apparatus and supplies Heavy electrical apparatus and supplies Monor-metallic mineral products Concrete products Non-metallic mineral products Domestic clay products Domestic clay products Domestic clay products Domestic clay products And Electric power and gas utilities Electric power Gas utilities Forestry Distilleries 5.64	7.42 6.21 5.36 - 3.26 0.32 3.83 2.27
Non-metals 5.97 Motor vehicles Asbestos 4.66 Motor vehicle parts Fuels 12.60 Railway rolling stock Coal -3.98 Shipbuilding and repairs Natural gas 17.88 Non-ferrous metal products Petroleum 21.37 Brass and copper products Smelting and refining Electrical apparatus and supplies Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-durable manufactures 4.82 Non-metallic mineral products Foods and beverages 3.88 Concrete products Foods 3.55 Hydraulic ement Meat products 3.06 Domestic clay products Dairy products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power Bakery products 4.61 Beverages 4.95 Miscellaneous foods 4.61 Beverages 5.62 Breweries 4.35 Forestry Distilleries 5.64	6.21 5.36 - 3.26 0.32 3.83 2.27
Asbestos	5.36 - 3.26 0.32 3.83 2.27
Fuels	- 3.26 0.32 3.83 2.27
Coal	0.32 3.83 2.27
Natural gas	3.83
Petroleum	2.27
Smelting and refining Electrical apparatus and supplies Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-durable manufactures Foods and beverages 3.88 Foods 3.55 Hydraulic cement Meat products Dairy products Canning and processing Grain mill products Bakery products Sakery products Miscellaneous foods Miscellaneous foods Beverages Carbonated beverages Smelting and refining Electrical apparatus and supplies Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-metallic mineral products Done-tic clay products Hydraulic cement Domestic clay products Electric power and gas utilities Electric power and gas utilities Gas utilities Agriculture Carbonated beverages Sofe Breweries Forestry Distilleries Sofe	
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Manufacturing 4.78 Heavy electrical machinery Telecommunication equipment Refrigerators and appliances Non-durable manufactures 4.82 Non-metallic mineral products Foods and beverages 3.88 Concrete products Foods 3.55 Hydraulic cement Meat products 3.06 Domestic clay products Dairy products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power Bakery products 2.49 Gas utilities Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 5.64	
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Refrigerators and appliances Non-durable manufactures 4.82 Non-metallic mineral products Foods and beverages 3.88 Concrete products Foods 3.55 Hydraulic cement Meat products 3.06 Domestic clay products Dairy products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power Bakery products 2.49 Gas utilities Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 5.64 Distilleries 5.64	4.92
Non-durable manufactures 4.82 Non-metallic mineral products Foods and beverages 3.88 Concrete products Foods 3.55 Hydraulic cement Meat products 3.06 Domestic clay products Dairy products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power Bakery products 2.49 Gas utilities Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 5.64 Donestic clay products Electric power and gas utilities Forestry Forestry	13.11
Non-durable manufactures 4.82 Non-metallic mineral products Foods and beverages 3.88 Concrete products Foods 3.55 Hydraulic cement Meat products 3.06 Domestic clay products Dairy products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power Bakery products 2.49 Gas utilities Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 5.64 Donestic clay products Electric power and gas utilities Forestry Forestry	8.89
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Meat products3.06Domestic clay productsDairy products4.64Canning and processing3.54Electric power and gas utilitiesGrain mill products2.83Electric powerBakery products2.49Gas utilitiesMiscellaneous foods4.61Beverages4.95AgricultureCarbonated beverages5.62Breweries4.35ForestryDistilleries5.64	15.76
Dairy products 4.64 Canning and processing 3.54 Electric power and gas utilities Grain mill products 2.83 Electric power Bakery products 2.49 Gas utilities Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 4.35 Forestry Distilleries 5.64	7.80
Dairy products	
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Grain mill products 2.83 Electric power Bakery products 2.49 Gas utilities Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 4.35 Forestry Distilleries 5.64	9.58
Bakery products 2.49 Gas utilities Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 4.35 Forestry Distilleries 5.64	9.04
Miscellaneous foods 4.61 Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 4.35 Forestry Distilleries 5.64	13.19
Beverages 4.95 Agriculture Carbonated beverages 5.62 Breweries 4.35 Forestry Distilleries 5.64	13,17
Carbonated beverages 5.62 Breweries 4.35 Distilleries 5.64	1.54
Breweries 4.35 Forestry Distilleries 5.64	1.34
Distilleries 5.64	1 40
	1.68
Transport and habitant amendments (1) Vialing and has made	1 75
Tobacco and tobacco products 6.11 Fishing and trapping	1.75
Rubber products 4.22	
Leather products	5.10
Boots and shoes 1.97	
Textiles 4.22 Transportation, storage and communication	
Cotton goods 1.71 Transportation	4.06
Wool goods 1.14 Storage	5.66
Synthetic textiles and silk 8.19 Trade	4.05
Clothing 2.98 Wholesale	4.44
Paper products	3.84
Pulp and paper 3.95	
Printing and publishing and allied Finance, insurance and real estate	4.96
industries 5.33	
Products of petroleum and coal 8.60 Public administration and defence	3.96
Petroleum products 9.22	
Chemicals and allied products 7.64 Community, recreation, business and	
Acids, alkalies, salts and personal service	3.64
fertilizers 9.81	
Miscellaneous manufactures 9.07 Goods	4.56
Goods less agriculture	5.25
Durable manufactures 4.73	
Wood products 3.42 Service-producing industries	
Saw and planing mills 3.55	4.24
Veneers and plywoods	4.24
Saw mills 3.08	
	4.24
Furniture 4.32 Real Domestic Product	