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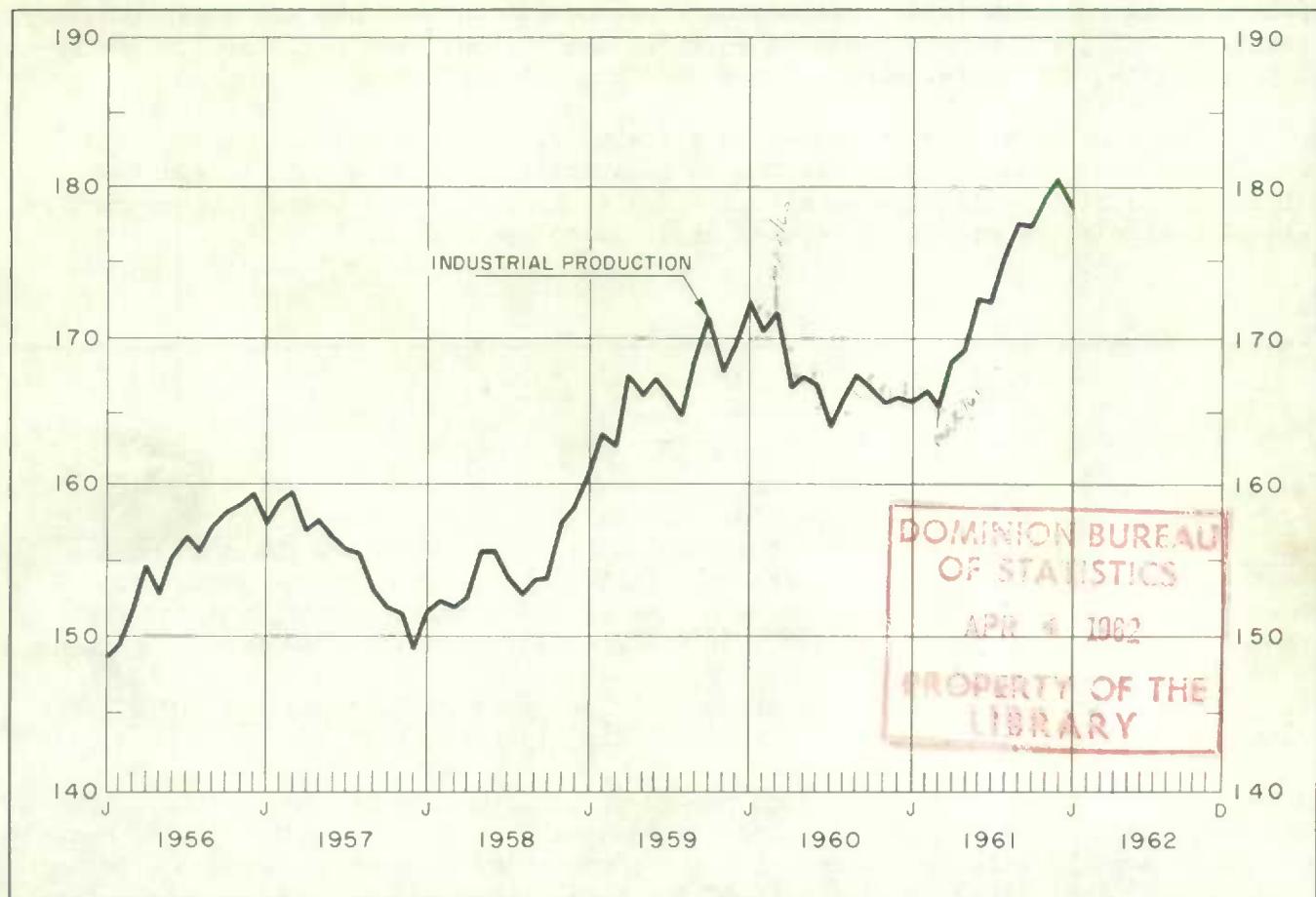
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## INDEX OF INDUSTRIAL PRODUCTION (1949=100)

Canada's index of industrial production declined by 1.2% in January.



Prepared in the Industrial Output Section  
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Canada's index of industrial production declined by 1.2 per cent to 178.6 in January, following the virtually uninterrupted expansion since March of 1961. Although mining output was lower by slightly more than 1%, the bulk of the weakness occurred in manufacturing, which was off by 1.7%. The durable groups accounted for about two-thirds of the manufacturing decline with non-durables accounting for the remainder. Electric power and gas utilities were up about 3% during the month.

All six durable major groups were off during the month, with declines ranging up to 5% in both wood products and non-metallic mineral products. The former was a return to the levels of the third quarter after the relatively high months of November and December. With primary iron and steel and iron castings output both significantly lower in January, total iron and steel was down by 2%. Total transportation equipment was down 2% in spite of gains in most component industries. This was due to a 7% drop in motor vehicles output. Declines of 1% also occurred in non-ferrous metal products and electrical apparatus and supplies.

Non-durable manufacturing was down 1% in January. Foods and beverages were 2% lower than the high December level. Other declines occurred in leather products (-1%), paper products (-3%), reflecting lower output in the pulp and paper industry, textiles (-4%), and rubber products (-11%). Small gains were registered in petroleum products, chemicals, clothing and printing and publishing.

The drop in mining, recorded in spite of gains of 4% and 8% respectively in metals and non-metals output, was due to substantially lower output in the fuel mining industries. Although each fuel industry component was lower, the setback was almost entirely the result of reduced crude petroleum mining.

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#### NOTES

1. Table 1 of this report contains seasonally adjusted data for six months of the current period, in order that the user may be able to follow the most recent month-to-month movements in the figures. Table 2 presents data unadjusted for seasonal variation for the last three months of the current period, and for the same months one year ago, in order that the user may make year-to-year comparisons.
2. For a detailed description of concepts, sources and methods see D.B.S. Catalogue No. 61-502, "Revised Index of Industrial Production".
3. For a complete and continuous record of total industrial production along with component industry indexes on both a seasonally unadjusted and adjusted basis use these monthly bulletins along with the above-noted reference document (for 1935 to 1956 inclusive) and Table VI of the April issue of the Canadian Statistical Review (1957 to 1960 inclusive).
4. The M.C.D. (months for cyclical dominance) measure indicates the number of months required on average for the emergence of the cyclical trend from the seasonally adjusted series. An M.C.D. of 4 implies that a four month moving average of the series (dated at the second month) is required in order to offset irregular movements and allow examination of the underlying cyclical trend. The seasonally adjusted series in these bulletins are not adjusted for M.C.D.

TABLE I. Industrial Production Indexes  
(1949=100)

SEASONALLY ADJUSTED

Industry or Industry Group	1949 Proportion MCD	1961						1962
		AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	
INDUSTRIAL PRODUCTION, TOTAL	100.00	1	175.1	177.4	177.2	179.2	180.7	178.6
MINING, TOTAL	10.07	2	267.2	275.9	276.1	282.5	276.6	273.5
Metals	5.97	2	177.6	185.4	189.7	188.0	185.1	193.3
Gold	1.93	5	106.3	102.8	101.3	102.6	107.9	100.9
Copper	1.10	4	173.6	163.6	188.8	179.5	171.8	157.9
Iron ore	0.31	4	328.8	309.0	358.1	272.9	433.3	534.7
Nickel	1.05	4	181.9	201.9	206.8	215.3	195.8	196.2
Non-metals	0.85	5	216.1	207.8	210.7	204.6	220.3	237.4
Asbestos	0.59	4	228.2	212.5	214.2	207.7	223.0	254.3
Fuels	2.84	3	456.8	470.8	461.6	496.2	466.0	438.0
Coal	1.72	6	46.8	51.3	52.1	48.9	49.0	47.0
Natural gas	0.11	2	781.3	755.4	734.6	717.0	771.2	754.4
Petroleum	1.02	3	1114.5	1148.9	1123.8	1228.1	1137.4	1064.5
MANUFACTURING, TOTAL	84.83	2	154.8	156.3	156.2	158.3	160.6	157.9
NON-DURABLE MANUFACTURES	45.74	2	158.4	159.7	160.2	161.5	165.0	163.3
Foods and beverages	11.83	4	154.2	153.8	155.5	157.5	161.7	159.2
Foods	8.99	4	149.5	148.7	152.8	155.0	157.7	156.4
Meat products	1.62	4	160.5	162.2	166.4	162.3	155.3	154.9
Dairy products	1.40	3	156.1	158.0	160.8	162.6	166.7	158.8
Canning and processing	1.40	4	147.6	141.0	151.1	165.4	172.6	179.2
Grain mill products	1.00	4	141.5	134.6	137.3	140.4	146.2	140.1
Bakery products	1.73	3	147.9	148.7	149.8	149.3	151.1	147.0
Miscellaneous foods	1.83	4	141.9	143.1	147.0	148.2	153.9	156.3
Beverages	2.85	6	169.2	170.1	164.0	165.2	174.5	168.1
Carbonated beverages	0.72	5	167.0	179.4	152.8	172.6	173.6	180.1
Breweries	1.44	6	152.0	149.5	154.6	148.0	156.4	134.3
Distilleries	0.63	6	214.5	210.7	201.5	197.7	220.9	234.4
Tobacco and tobacco products	0.77	6	203.0	191.7	205.6	197.1	193.3	212.4
Rubber products	1.33	3	150.5	153.4	159.5	150.2	170.3	151.9
Leather products	1.58	2	121.8	126.1	125.9	129.4	130.3	129.1
Boots and shoes	0.95	3	133.4	136.1	136.7	142.0	141.7	138.6

TABLE I. (Cont'd.) Industrial Production Indexes  
(1949=100)

SEASONALLY ADJUSTED

Industry or Industry Group	1949 Proportion	MCD	1961					1962	
			AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	
Textiles	5.04	3	128.7	138.9	138.0	137.8	149.4	143.6	
Cotton goods	1.57	4	96.8	97.8	109.5	106.5	109.7	106.5	
Wool goods	0.93	3	72.2	86.3	79.5	78.7	80.6	82.3	
Synthetic Textiles & silk	1.33	3	205.0	232.0	219.6	221.2	258.8	240.1	
Clothing	5.59	3	107.1	109.2	111.6	113.1	114.6	115.8	
Men's, women's and children's clothing	3.45	3	107.9	110.0	114.9	116.0	116.9	119.4	
Knitting mills	1.22	2	100.3	103.1	101.6	104.4	108.8	106.7	
Paper products	8.22	3	156.8	157.2	156.9	157.9	159.2	155.2	
Pulp and paper	6.54	3	153.7	156.3	154.8	156.3	157.5	153.5	
Printing publishing and allied industries	3.95	4	148.7	151.1	154.0	151.7	151.6	152.8	
Products of petroleum and coal	1.59	3	276.2	272.3	254.5	266.8	265.3	268.3	
Petroleum products	1.41	3	298.0	293.2	273.7	287.6	285.8		
Chemicals & allied products	4.22	2	227.4	223.0	221.2	225.4	226.7	228.8	
Acids, alkalies, salts and fertilizers	1.07	2	283.5	280.1	277.2	279.4	284.2	286.3	
Miscellaneous manufactures	1.62	1	216.4	220.7	224.6	229.3	230.5	231.1	
DURABLE MANUFACTURES	39.09	2	150.6	152.5	151.5	154.6	155.4	151.5	
Wood products	6.54	2	135.8	140.9	135.0	146.2	150.0	143.0	
Saw and planing mills	4.48	3	142.7	149.6	140.8	156.8	162.0	151.1	
Veneers and plywoods	0.38	3	312.3	329.8	248.6	316.2	315.6	307.9	
Sawmills	3.08	4	126.5	134.4	132.4	147.4	154.0	138.8	
Furniture	1.43	1	141.7	142.4	141.8	142.2	143.9	145.1	
Iron and steel products	12.49	2	146.0	144.5	139.6	138.2	139.0	135.8	
Machinery	2.64	1	131.1	133.2	132.2	131.1	132.1	132.7	
Iron castings	1.20	3	176.2	165.4	142.8	126.7	120.0	93.7	
Primary iron and steel	2.62	3	196.3	193.9	182.9	177.1	177.5	168.3	
Sheet metal products	1.11	1	139.6	138.3	139.2	140.3	142.9	148.4	
Transportation equipment	8.23	4	138.0	140.7	142.2	143.8	139.7	137.3	
Aircraft and parts	0.63	1	258.7	266.6	274.1	279.7	281.5	286.2	
Motor vehicles	3.21	4	173.2	180.0	185.2	186.0	177.1	165.2	
Motor vehicle parts	1.43	1	133.6	124.0	120.0	123.5	117.6	118.3	
Railway rolling stock	1.93	1	49.4	50.2	47.9	47.9	47.3	49.6	
Shipbuilding and repairs	0.81	1	138.2	146.5	147.8	150.7	155.5	168.4	

TABLE I. (Cont'd.) Industrial Production Indexes  
(1949=100)

Industry or Industry Group	1949 Proportion	MCD	SEASONALLY ADJUSTED					1962	
			AUG.	SEPT.	OCT.	NOV.	DEC.		
Non-ferrous metal products	4.97	3	141.5	144.5	149.6	155.5	151.9	150.6	
Brass and copper products	0.75	1	124.5	128.0	128.3	128.9	126.2	130.8	
Smelting and refining	3.19	3	156.2	159.8	167.9	176.5	171.4		
Electrical apparatus and supplies	4.40	2	180.3	186.4	187.9	192.5	202.0	199.8	
Heavy electrical machinery	1.52	1	127.6	126.6	130.2	131.2	134.0	136.8	
Telecommunication equipment	0.144	2	404.9	439.3	447.8	472.3	557.6	532.2	
Refrigerators and appliances	0.71	3	181.7	189.2	178.5	184.2	184.5	179.0	
Non-metallic mineral products	2.16	2	221.0	219.7	225.3	226.5	228.4	216.2	
Concrete products	0.30	4	577.8	556.2	571.0	573.1	600.4	499.3	
Hydraulic cement	0.36	4	214.8	228.0	219.8	210.3	205.7	223.5	
Domestic clay products	0.24	3	146.4	154.3	152.0				
<b>ELECTRIC POWER AND GAS</b>									
UTILITIES	5.11	2	331.0	332.9	330.4	321.8	325.5	335.5	
Electric power	4.60	2	304.7	303.4	305.6	302.3	304.4	313.9	
Gas	0.51	3	566.8	598.0	553.1	496.4	514.4		

TABLE II. Industrial Production Indexes  
(1949=100)

WITHOUT SEASONAL ADJUSTMENT

Industry or Industry Group	Annual Average		1960			1961			1961		1962
	1960	1961	NOV.	DEC.	JAN.	NOV.	DEC.	JAN.	NOV.	DEC.	JAN.
INDUSTRIAL PRODUCTION, TOTAL	167.5	172.2	170.9	159.6	159.8	184.4	173.8	172.6			
MINING, TOTAL	253.3	263.0	252.1	241.1	248.4	280.6	269.1	267.4			
Metals	197.9	183.7	188.7	181.7	181.4	185.7	170.3	175.3			
Gold	111.2	106.8	114.6	110.6	109.4	107.5	106.4	100.7			
Copper	168.7	170.4	176.2	169.2	163.7	182.2	165.3	154.7			
Iron ore	406.3	351.4	222.0	198.4	230.8	218.3	182.0	214.4			
Nickel	166.9	183.8	167.6	176.4	169.4	213.8	188.0	194.8			
Non-metals	192.6	211.7	227.3	185.0	177.8	240.4	206.4	194.1			
Asbestos	201.4	223.4	236.9	193.9	187.3	252.6	214.1	208.5			
Fuels	380.2	433.4	378.5	391.3	424.5	480.0	496.9	496.2			
Coal	53.3	49.9	70.4	51.8	55.8	63.2	57.6	57.2			
Natural gas	589.2	713.5	690.4	839.5	854.1	836.0	1018.0	1047.9			
Petroleum	909.9	1051.2	865.3	916.6	1001.0	1145.8	1182.9	1178.4			
MANUFACTURING, TOTAL	149.5	152.7	152.5	139.6	138.2	163.7	151.5	148.9			
NON-DURABLE MANUFACTURES	152.5	157.9	160.1	144.5	143.1	169.2	155.7	152.1			
Foods and beverages	150.7	154.8	163.6	137.1	123.3	171.4	147.8	130.4			
Foods	147.1	152.2	158.0	136.5	127.4	165.5	146.2	133.0			
Meat products	156.5	158.1	168.6	135.8	150.9	183.4	145.5	163.6			
Dairy products	152.8	158.3	134.4	130.4	121.3	140.8	137.7	123.9			
Canning and processing	150.6	159.3	170.4	134.5	72.3	185.8	150.1	75.9			
Grain mill products	132.5	139.1	141.3	126.7	127.7	149.9	139.0	134.2			
Bakery products	143.9	148.3	147.6	142.4	134.2	153.2	148.7	139.7			
Miscellaneous foods	142.9	147.5	176.1	143.3	146.9	172.8	151.8	149.8			
Beverages	161.7	163.2	181.3	138.9	110.3	190.3	152.9	121.9			
Carbonated	164.8	164.0	159.7	149.1	135.5	150.3	167.0	144.3			
Breweries	146.4	147.6	152.4	129.6	87.1	156.3	135.0	85.7			
Distilleries	194.8	200.1	278.1	151.3	134.3	320.3	182.0	180.5			
Tobacco and tobacco products	182.0	193.6	196.7	182.6	177.4	209.1	175.9	195.2			
Rubber products	143.3	145.7	152.6	125.3	124.1	167.5	155.8	145.1			
Leather products	111.8	123.8	114.9	105.0	115.0	132.0	119.1	130.1			
Boots and shoes	123.7	134.3	120.8	108.3	124.9	139.2	121.0	140.3			

TABLE II. (Cont'd.) Industrial Production Indexes  
(1949=100)

Industry or Industry Group	WITHOUT SEASONAL ADJUSTMENT								
	Annual Average		1960			1961		1962	
	1960	1961	NOV.	DEC.	JAN.	NOV.	DEC.	JAN.	
Textiles	122.5	134.6	127.1	122.2	124.7	146.8	142.4	139.4	
Cotton goods	89.6	98.8	98.8	91.6	94.2	113.4	102.6	104.9	
Wool goods	78.5	80.3	81.1	74.6	70.5	88.5	78.2	73.6	
Synthetic textiles and silk	187.6	219.5	190.2	187.7	199.0	236.7	242.0	233.9	
Clothing	109.0	108.8	108.6	102.6	108.4	112.7	107.0	114.5	
Men's, women's and children's clothing	109.4	110.3	105.6	99.7	110.7	111.6	105.8	118.8	
Knitting mills	103.1	101.0	111.3	104.2	101.3	113.0	105.5	105.0	
Paper products	150.3	155.0	160.2	139.9	143.2	165.2	148.5	148.3	
Pulp and paper	148.2	153.1	160.1	136.6	142.5	164.1	145.4	147.4	
Printing publishing and allied industries	146.5	148.2	156.6	146.3	142.6	156.5	151.5	142.8	
Products of petroleum and coal	250.6	258.8	254.0	248.3	249.8	272.2	267.9	275.5	
Petroleum products	269.8	279.0	274.7	269.0	270.6	293.6	289.8		
Chemicals and allied products	222.3	225.1	219.8	207.4	217.6	225.1	213.9	222.2	
Acids, alkalies, salts and fertilizers	270.7	280.6	272.4	271.4	271.6	278.6	283.6	286.9	
Miscellaneous manufactures	191.6	213.0	207.4	200.3	192.6	241.0	233.5	224.4	
DURABLE MANUFACTURES	145.9	146.6	143.5	133.9	132.4	157.2	146.6	145.1	
Wood products	135.6	137.5	118.6	116.9	121.9	130.4	127.9	133.3	
Saw and planing mills	141.8	145.6	116.4	116.3	126.0	131.3	129.4	139.4	
Veneers and plywoods	267.1	295.4	258.2	238.5	242.5	309.2	286.9	296.8	
Sawmills	132.7	134.1	96.8	102.1	118.0	109.7	111.8	127.1	
Furniture	139.4	139.3	144.6	138.5	132.2	150.4	145.9	140.5	
Iron and steel products	136.4	137.1	134.5	121.6	121.1	141.0	128.2	128.6	
Machinery	133.6	129.2	129.2	126.1	123.0	133.5	132.1	129.9	
Iron castings	142.0	144.3	168.0	151.8	141.9	124.4	111.5	91.2	
Primary iron and steel	162.1	174.0	159.4	128.5	141.1	179.9	155.3	168.3	
Sheet metal products	143.5	141.0	144.3	135.4	128.6	142.3	136.5	132.8	
Transportation equipment	129.9	129.0	129.3	127.6	126.3	151.9	145.2	143.9	
Aircraft and parts	238.4	269.5	253.5	260.9	266.6	280.5	284.6	290.2	
Motor vehicles	159.0	157.3	164.7	160.8	156.9	210.2	191.3	185.0	
Motor vehicle parts	118.8	116.3	110.6	110.9	111.6	121.0	121.1	122.1	
Railway rolling stock	52.9	47.2	49.8	47.7	46.7	47.9	47.3	47.2	
Shipbuilding and repairs	141.9	135.8	126.5	122.9	120.4	143.2	147.7	153.6	



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TABLE II. (Cont'd.) Industrial Production Indexes  
(1949=100)

WITHOUT SEASONAL ADJUSTMENT

Industry or Industry Group	Annual Average		1960			1961			1961			1962		
	1960	1961	NOV.	DEC.	JAN.	NOV.	DEC.	JAN.	NOV.	DEC.	JAN.	NOV.	DEC.	JAN.
Non-ferrous metal products	148.3	147.2	151.2	148.7	145.2	157.7	152.5	145.9						
Brass and copper products	115.2	122.2	113.7	111.7	111.5	129.2	126.2	127.3						
Smelting and refining	168.7	165.6	171.7	169.9	165.7	177.9	171.9							
Electrical apparatus and supplies	179.1	179.2	176.5	164.5	161.7	205.4	198.6	197.6						
Heavy electrical machinery	132.1	124.8	123.2	119.0	116.2	133.7	133.2	133.4						
Telecommunication equipment	398.6	428.9	439.2	363.0	359.6	551.7	528.0	522.6						
Refrigerators and appliances	176.6	171.3	159.6	149.8	152.5	189.7	171.0	176.9						
Non-metallic mineral products	210.6	218.5	228.7	177.0	160.1	240.7	189.5	168.6						
Concrete products	511.9	574.1	599.5	364.0	289.3	618.9	407.1	270.1						
Hydraulic cement	203.8	214.6	222.6	141.5	118.8	217.0	133.7	118.7						
Domestic clay products	152.8	146.2	144.3	132.4	97.1	530.6	653.3							
<b>ELECTRIC POWER AND GAS UTILITIES</b>														
Electric power	298.0	317.7	317.0	332.6	343.9	339.3	356.1	379.5						
Gas	287.4	298.5	302.6	306.4	308.2	318.0	323.0	333.0						
	392.7	490.6	445.9	567.3	664.0	530.6	653.3							