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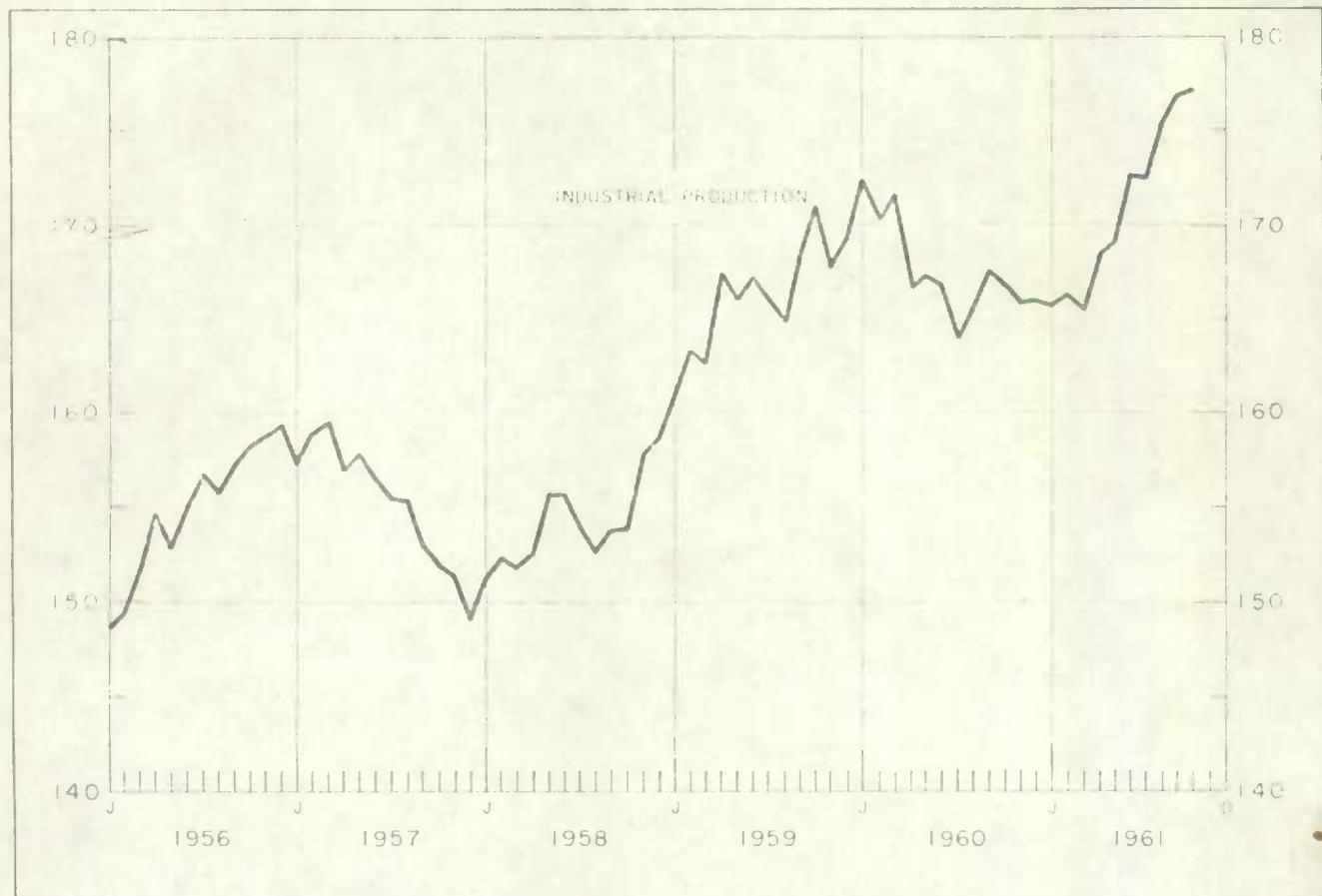
INDEX OF INDUSTRIAL PRODUCTION (1949=100)

Industrial production was virtually unchanged in October.

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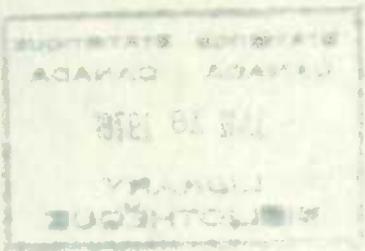
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Prepared in the Industrial Output Section
National Accounts Division

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Canada's seasonally adjusted index of industrial production was virtually unchanged in October, at 177.1, a fractional increase from the revised September level of 176.9. Declines of less than 1% in both manufacturing and electric power and gas utilities were more than offset by a 2.8% gain in mining output. This development left the overall index of industrial production 2.7% higher than its previous peak in January, 1960.

Although the non-durable index reached a new peak in October, the advance during the month was slight, amounting to less than 1%. The fairly widespread gains throughout non-durables were somewhat dampened by a substantial decline in petroleum products and a lesser drop in the output of the clothing industry. Both chemicals and foods and beverages were up 1%, printing and publishing and textiles 2%, rubber products 4% and tobacco products 7%. Leather products, paper products and miscellaneous manufactures were little changed during the month.

The two main weaknesses contributing to the 1% decline in durable manufacturing were drops of 4% in both wood products and iron and steel. In spite of the decline in primary iron and steel, this industry is still well above early 1961 production levels. A small gain in motor vehicle output edged the transportation equipment index slightly higher. Non-metallic mineral products and non-ferrous metal products were higher by 2% and 4% respectively.

The mining increase was due to 3% gains in both metals and fuels and a 1% advance in non-metals output. Most of the major minerals contributed to the strength with higher output of iron-ore, copper, lead, nickel, asbestos, and petroleum.

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					
			MAY	JUNE	JULY	AUG.	SEPT.	OCT.
INDUSTRIAL PRODUCTION, TOTAL	100.00	1	169.1	172.7	172.5	175.4	176.9	177.1
MINING, TOTAL	10.07	2	265.2	263.2	252.0	266.1	267.4	274.9
Metals	5.97	2	178.7	183.4	177.5	177.6	185.4	191.6
Gold	1.93	5	107.2	105.3	102.9	106.3	102.8	100.9
Copper	1.10	4	168.3	173.8	175.1	173.6	163.6	188.8
Iron ore	0.31	4	349.2	352.4	301.3	328.8	309.0	358.2
Nickel	1.05	4	182.1	178.2	192.9	181.9	201.9	206.8
Non-metals	0.85	5	203.5	222.7	206.9	216.1	207.8	210.7
Asbestos	0.59	4	222.2	241.2	219.8	228.2	212.5	214.2
Fuels	2.84	3	457.3	435.7	413.3	456.5	448.0	461.8
Coal	1.72	6	58.8	61.6	52.3	46.8	51.3	52.1
Natural gas	0.11	2	704.7	706.2	761.8	781.3	755.4	742.1
Petroleum	1.02	3	1103.8	1038.4	985.5	1113.7	1084.9	1123.8
MANUFACTURING, TOTAL	84.83	2	148.3	152.9	153.9	155.3	156.7	156.3
NON-DURABLE MANUFACTURES	45.74	2	153.9	158.6	159.8	159.4	160.4	160.9
Foods and beverages	11.83	4	147.5	155.9	158.8	155.3	154.8	155.6
Foods	8.99	4	147.8	154.0	156.7	150.9	149.9	153.3
Meat products	1.62	4	151.7	166.6	166.5	160.5	162.2	166.4
Dairy products	1.40	3	149.6	156.4	159.3	156.1	158.0	161.8
Canning and processing	1.40	4	144.8	153.9	178.5	146.6	139.6	155.4
Grain mill products	1.00	4	137.5	140.4	147.8	143.1	136.3	137.6
Bakery products	1.73	3	150.8	156.1	151.0	149.5	150.1	149.5
Miscellaneous foods	1.83	4	148.2	146.3	139.6	147.3	147.9	146.0
Beverages	2.85	6	146.4	162.0	165.3	169.2	170.1	162.8
Carbonated beverages	0.72	5	131.4	166.5	174.6	167.0	179.4	152.8
Fruit juices	1.44	6	139.1	142.4	151.9	152.0	149.5	154.6
Distilleries	0.63	6	174.7	202.3	187.5	214.5	210.7	201.5
Tobacco and tobacco products	0.77	6	187.9	206.3	177.3	203.0	191.7	205.6
Textile products	1.33	3	139.7	146.3	154.3	150.5	153.4	159.5
Leather products	1.58	2	118.9	125.9	127.2	121.8	126.0	125.6
Footwear and shoes	0.95	3	124.6	136.3	140.6	133.4	136.1	136.7

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

SEASONALLY ADJUSTED

Industry or Industry Group	1949 Proportion	MOD	1961					
			MAY	JUNE	JULY	AUG.	SEPT.	OCT.
Textiles	5.04	3	130.9	137.0	142.3	128.7	137.7	140.2
Cotton goods	1.57	4	96.6	97.5	110.0	96.8	97.8	109.5
Wool goods	0.93	3	74.2	91.5	85.9	72.2		
Synthetic textiles and silk	1.33	3	213.4	222.2	231.5	205.0	232.0	228.2
Clothing	5.59	3	104.9	106.6	115.1	112.4	114.4	111.9
Men's, women's and children's clothing	3.45	3	104.4	106.6	117.9	116.5	118.5	115.1
Knitting mills	1.22	2	96.7	99.2	107.3	100.3	103.1	101.1
Paper products	8.22	3	152.3	156.2	156.6	156.8	157.2	156.8
Pulp and paper	6.54	3	150.0	152.6	154.0	153.7	156.3	154.8
Printing publishing and allied industries	3.95	4	145.1	140.7	143.4	148.7	151.1	154.5
Products of petroleum and coal	1.59	3	267.4	259.9	224.5	276.2	272.3	254.5
Petroleum products	1.41	3	288.6	279.2	239.1	298.0	293.2	293.7
Chemicals and allied products	4.22	2	223.7	231.3	230.0	227.4	223.0	224.5
Acids, alkalies, salts and fertilizers	1.07	2	285.5	290.1	284.3	283.5	280.1	277.7
Miscellaneous manufactures	1.62	1	206.2	210.9	213.2	216.4	220.7	224.8
DURABLE MANUFACTURES	39.09	2	141.6	146.2	146.9	150.6	152.5	150.9
Wood products	6.54	2	131.0	136.6	141.4	135.8	140.9	135.0
Saw and planing mills	4.48	3	137.0	144.2	150.9	142.7	149.6	141.3
Veneers and plywoods	0.38	3	292.7	312.3	334.1	312.3	329.8	248.6
Sawmills	3.08	4	122.9	129.7	135.9	126.5	134.4	132.4
Furniture	1.43	1	136.9	140.5	141.4	141.7	142.3	140.8
Iron and steel products	12.49	2	134.5	138.7	140.0	146.0	144.3	139.2
Machinery	2.64	1	127.5	127.5	131.1	131.1	132.9	132.5
Iron castings	1.20	3	117.9	151.1	144.3	176.2	165.4	142.8
Primary iron and steel	2.62	3	183.6	183.4	180.1	196.3	193.9	182.9
Sheet metal products	1.11	1	140.3	141.5	141.1	139.6	137.2	137.2
Transportation equipment	8.23	4	118.1	126.1	127.9	138.0	140.7	141.2
Aircraft and parts	0.63	1	266.0	271.1	262.4	258.7	266.2	269.8
Motor vehicles	3.21	4	143.0	154.8	155.1	173.2	180.0	185.2
Motor vehicle parts	1.43	1	107.3	108.9	119.5	133.6	124.0	115.0
Railway rolling stock	1.93	1	44.2	44.2	45.6	49.4	50.2	48.1
Shipbuilding and repairs	0.31	1	106.8	136.5	137.4	138.2	146.5	148.7

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

SEASONALLY ADJUSTED

Industry or Industry Group	1949 Proportion	MCD	1961					
			MAY	JUNE	JULY	AUG.	SEPT.	OCT.
Non-ferrous metal products	4.97	3	151.0	145.8	140.4	141.5	144.5	149.9
Brass and copper products	0.75	1	118.9	122.3	123.7	124.5	128.0	128.2
Smelting and refining	3.19	3	172.7	163.5	155.3	156.2	159.8	167.7
Electrical apparatus and supplies	4.40	2	168.2	177.3	179.6	180.3	186.4	186.5
Heavy electrical machinery	1.52	1	122.4	124.6	126.4	127.6	126.6	128.4
Telecommunication equipment	0.44	2	373.4	409.4	434.8	404.9	439.6	447.8
Refrigerators and appliances	0.71	3	158.6	178.6	166.6	181.7	189.2	178.3
Non-metallic mineral products	2.46	2	218.3	221.5	215.2	221.0	219.4	223.0
Concrete products	0.30	4	584.8	579.6	525.1	577.8	556.2	571.0
Hydraulic cement	0.36	4	234.0	232.4	211.1	214.8	228.0	219.8
Domestic clay products	0.24	3	139.8	154.8	153.8	146.4		
ELECTRIC POWER AND GAS UTILITIES	5.11	2	325.5	323.5	325.0	331.0	332.9	330.4
Electric power	4.60	2	300.4	298.8	301.3	304.7	303.4	305.6
Gas	0.51	3	550.2	545.3	537.3	566.8	598.0	553.1

TABLE II. Industrial Production Indexes
(1949=100)

WITHOUT SEASONAL ADJUSTMENT

Industry or Industry Group	Annual Average		1960			1961		
	1959	1960	AUG.	SEPT.	OCT.	AUG.	SEPT.	OCT.
INDUSTRIAL PRODUCTION, TOTAL	166.2	167.5	162.6	170.0	171.5	171.4	180.6	183.4
MINING, TOTAL	251.1	253.3	254.1	264.7	253.4	267.5	277.4	278.7
Metals	201.3	197.9	208.0	207.4	202.2	185.3	198.8	200.4
Gold	108.4	111.2	106.9	107.5	117.5	100.3	100.2	104.9
Copper	151.6	168.7	170.4	160.0	162.2	170.1	171.8	184.1
Iron ore	448.9	406.3	721.4	637.1	473.0	493.2	565.4	525.5
Nickel	144.8	166.9	175.7	172.4	165.3	184.6	200.7	203.1
Non-metals	191.4	192.6	185.0	212.3	207.8	215.2	229.7	236.1
Asbestos	193.5	201.4	189.1	224.9	211.3	221.8	235.0	243.1
Fuels	363.1	380.2	345.8	376.5	351.1	427.8	434.9	436.6
Coal	51.9	53.3	33.6	62.6	64.7	26.1	52.8	63.7
Natural gas	503.9	589.2	436.7	485.3	571.9	557.1	604.3	696.8
Petroleum	873.7	909.9	863.4	895.0	811.0	1092.5	1062.1	1038.4
MANUFACTURING, TOTAL	150.0	149.5	145.4	152.1	154.7	153.4	162.1	161.1
NON-DURABLE MANUFACTURES	150.4	152.5	154.6	160.4	163.0	152.3	159.4	171.4
Foods and beverages	148.0	150.7	167.1	168.1	175.2	173.1	174.9	180.2
Foods	145.0	147.1	151.6	167.0	171.3	169.2	172.6	181.2
Meat products	168.1	156.5	147.4	153.7	163.5	153.6	168.9	178.2
Dairy products	146.7	152.8	172.9	166.9	151.6	179.2	174.4	158.6
Canning and processing	142.4	150.5	239.4	246.3	252.7	254.0	247.2	280.0
Grain mill products	132.4	132.5	130.8	140.9	141.9	142.7	140.8	142.5
Bakery products	142.0	143.9	152.1	150.8	149.4	155.1	154.5	154.7
Miscellaneous foods	135.0	142.9	131.6	147.9	167.9	138.4	151.7	171.7
Beverages	157.4	161.7	184.4	171.5	187.5	185.4	182.3	177.0
Carbonated beverages	162.3	164.8	207.4	170.3	159.0	223.6	186.0	143.0
Breweries	141.9	146.4	153.5	132.3	114.4	161.4	145.0	147.2
Distilleries	190.3	194.8	231.0	245.9	302.2	204.0	253.0	286.1
Tobacco and tobacco products	179.9	182.0	183.3	202.7	195.2	197.3	204.7	207.7
Rubber products	161.1	143.3	109.6	148.3	142.2	117.1	164.1	167.8
Leather products	120.3	111.8	114.1	122.5	115.2	125.6	133.0	128.4
Boots and shoes	131.6	123.7	128.0	137.5	126.0	138.5	143.6	136.2

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

WITHOUT SEASONAL ADJUSTMENT

Industry or Industry Group	Annual Average		1960			1961		
	1959	1960	AUG.	SEPT.	OCT.	AUG.	SEPT.	OCT.
Textiles	124.4	122.5	114.2	123.0	127.5	128.9	143.2	146.7
Cotton goods	94.2	89.6	84.4	90.6	96.4	95.2	107.6	114.8
Wool goods	84.8	78.5	80.0	81.9	84.5	76.0	—	—
Synthetic textiles and silk	181.1	187.6	164.9	186.5	192.5	207.0	236.9	238.5
Clothing	113.1	109.0	109.2	113.7	110.0	113.4	120.5	113.9
Men's, women's and children's clothing	109.9	109.4	110.8	115.4	108.6	118.7	125.8	115.4
Knitting mills	116.6	103.1	98.2	106.2	108.4	97.2	107.2	105.6
Paper products	145.9	150.3	152.0	152.4	158.1	158.0	157.6	164.7
Pulp and paper	141.8	148.2	148.3	148.5	155.6	152.6	154.7	162.7
Printing publishing and allied industries	143.2	146.5	136.6	147.1	152.7	141.3	153.3	157.6
Products of petroleum and coal	241.5	250.6	254.3	252.2	244.8	282.8	281.3	253.3
Petroleum products	259.1	269.8	274.7	272.4	263.6	305.7	303.8	272.6
Chemicals and allied products	208.4	222.3	222.0	234.5	231.4	225.1	232.5	232.6
Acids, alkalies, salts and fertilizers	246.9	270.7	277.5	277.6	276.3	279.5	280.1	279.9
Miscellaneous manufactures	183.2	191.6	192.5	199.3	205.4	217.3	227.8	236.7
DURABLE MANUFACTURES								
Wood products	149.5	145.9	134.7	142.3	145.1	142.3	153.5	155.6
Saw and planing mills	136.6	135.6	146.0	141.0	132.2	149.1	149.8	138.8
Veneers and plywoods	140.5	141.8	154.8	146.4	134.2	160.0	159.2	143.3
Sawmills	252.3	267.1	222.9	243.9	240.1	318.5	330.1	293.4
Furniture	126.1	132.7	154.2	139.5	123.3	146.7	143.9	126.4
Iron and steel products	146.3	139.4	143.6	148.0	148.1	145.7	151.3	150.8
Machinery	147.2	136.4	130.5	135.6	135.3	145.7	150.2	144.2
Iron castings	135.9	133.6	133.3	130.5	130.4	132.1	133.3	134.9
Primary iron and steel	157.5	142.0	103.5	142.5	139.3	166.2	169.4	138.9
Sheet metal products	167.7	162.1	143.8	161.0	166.4	186.7	191.4	188.9
Transportation equipment	149.6	143.5	153.8	155.8	151.3	152.4	151.9	146.7
Aircraft and parts	131.5	129.9	70.7	96.3	117.1	79.8	110.4	133.1
Motor vehicles	249.4	238.4	225.7	236.7	245.6	258.7	262.7	267.9
Motor vehicle parts	148.8	159.0	22.7	84.0	133.2	31.7	108.0	166.7
Railway rolling stock	132.9	118.8	92.8	104.3	111.6	114.9	116.2	113.0
Shipbuilding and repairs	61.5	52.9	53.2	51.5	51.0	50.0	49.2	48.6

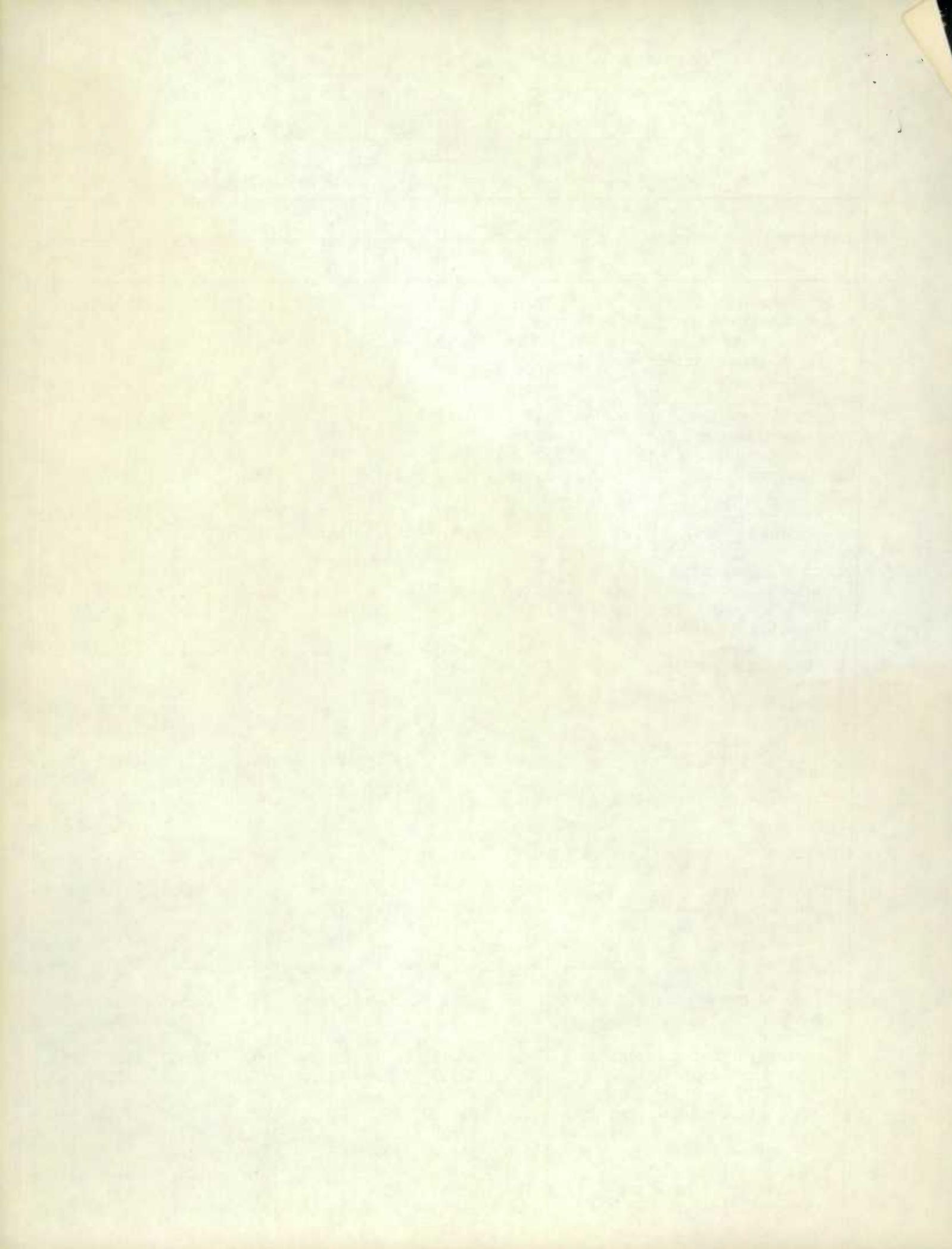


TABLE II. (Cont'd.) Industrial Production Indexes
(1949=100)

WITHOUT SEASONAL ADJUSTMENT

Industry or Industry Group	Annual Average		1960			1961		
	1959	1960	AUG.	SEPT.	OCT.	AUG.	SEPT.	OCT.
Non-ferrous metal products	134.7	148.3	150.2	151.3	151.0	140.3	146.5	152.7
Brass and copper products	119.3	115.2	116.9	115.2	113.8	127.0	131.2	132.0
Smelting and refining	145.7	168.7	170.9	172.5	171.3	153.5	160.6	168.7
Electrical apparatus and supplies	184.8	179.1	172.5	185.2	183.6	178.6	199.9	200.9
Heavy electrical machinery	142.5	132.1	132.7	131.1	127.9	128.1	130.6	132.3
Telecommunication equipment	420.7	398.6	381.7	469.6	466.1	428.4	532.4	549.4
Refrigerators and appliances	181.3	176.6	142.6	161.7	166.0	152.8	189.6	174.7
Non-metallic mineral products	223.2	210.6	241.1	237.9	241.4	255.3	255.2	257.9
Concrete products	534.2	511.9	660.5	660.6	649.7	741.9	735.3	729.7
Hydraulic cement	221.8	203.8	281.1	261.7	275.7	285.9	286.1	274.1
Domestic clay products	170.2	152.8	149.7	147.6	154.0	165.9		
ELECTRIC POWER AND GAS UTILITIES								
Electric power	268.7	298.0	267.4	281.4	289.3	281.9	298.4	315.1
Gas	263.3	287.4	271.2	284.4	286.9	280.6	294.3	304.4
	316.6	392.7	233.2	254.3	311.2	293.6	334.9	411.5

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