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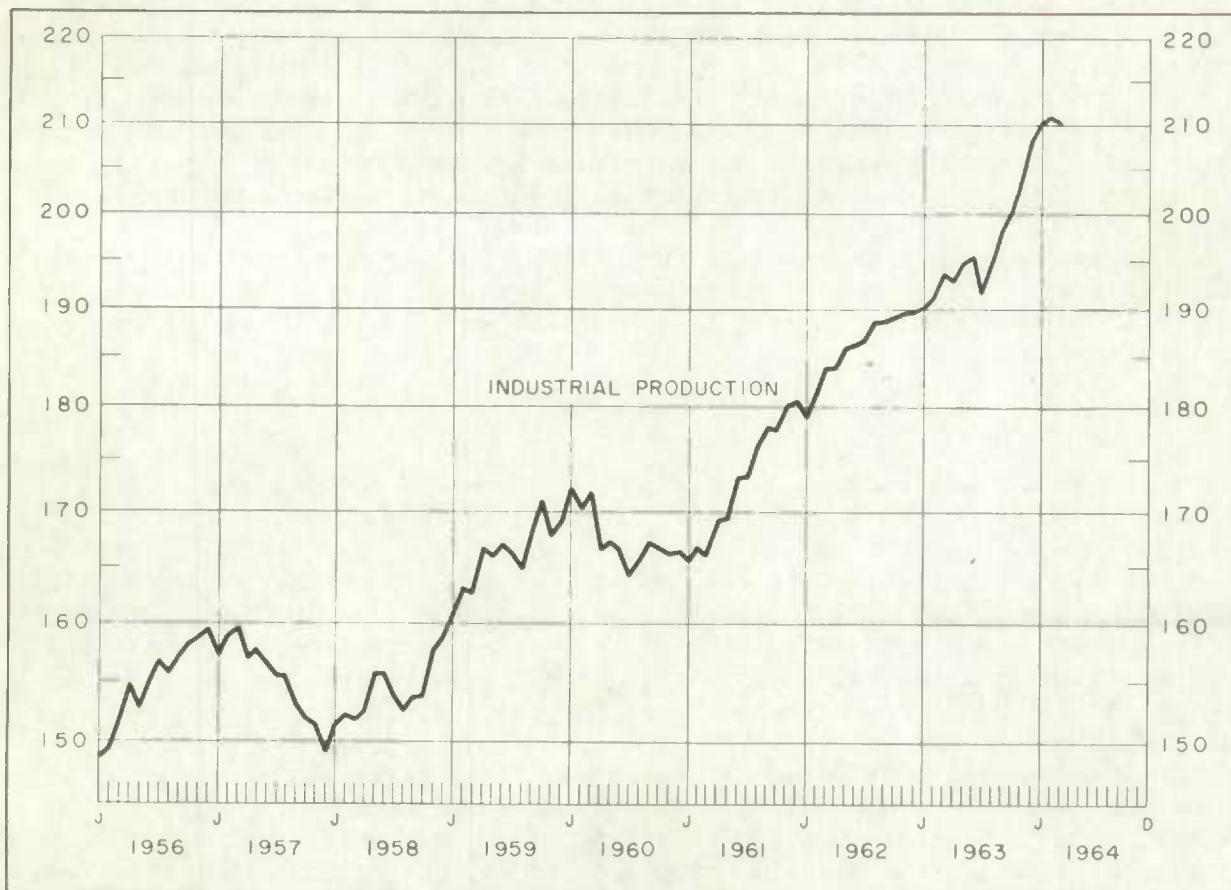
## INDEX OF INDUSTRIAL PRODUCTION (1949=100)

MARCH 1964

The seasonally adjusted index of industrial production declined by 0.9 per cent in March.

MAR 18 1966

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Industrial Output Section  
National Accounts and Balance of Payments Division

May 1964  
2205-502

The seasonally adjusted index of industrial production\* declined by 0.9% in March, as both manufacturing and mining fell, by about 1% and 3% respectively. These drops were partially offset by a gain of 3% in electric power and gas utilities. With this latest movement, the total index of production in the first quarter was higher by 3.5% than in the fourth quarter.

Almost all of the decline in manufacturing occurred in non-durables in March, where output fell by 1.8%. In turn, about three-fourths of the drop in non-durables originated in foods and beverages and followed an unusually large gain in this component in February. In addition leather, rubber and tobacco products showed relatively large declines, the latter for the second consecutive month. The paper products industry was marginally higher in March as a gain in pulp and paper was almost offset by a large drop in the unpublished roofing paper component. Textiles, petroleum products and chemicals were higher in the month.

Although durables were only slightly lower in March, there was a large decline in non-metallic mineral products. This pattern of relative weakness in the construction materials-producing industries in March was fairly widespread and again followed large gains in the last several months, particularly February. Wood products also fell by more than 1%. Small movements were recorded in both non-ferrous metal products and electrical apparatus and supplies. In iron and steel products, heating and cooking apparatus and primary iron and steel showed good gains to bring this group up by about 1%. With motor vehicles continuing to expand, transportation equipment was up by about 2%.

About two thirds of the decline in total mining was due to metals, largely in turn the result of a drop in other metals (uranium). Gains occurred in gold, iron ore and copper, while nickel, zinc and lead were lower. Fuel mining also fell by about 2%.

#### NOTES

1. For a detailed description of concepts, sources and methods, see D.B.S. Catalogue No. 61-502, "Revised Index of Industrial Production".
2. It has been established that the monthly clothing index has been seriously understating annual production levels since the mid-to late 1950's. Circumstances prevent a complete evaluation of the needed correction, both in this and other industry areas, at this time and the following interim solution has been adopted. A preliminary annual level for the clothing industry group is being published for the year 1963. Commencing with January, 1963, the monthly projector is based on a deflated value series. Thus users will note a break in this series between the period prior to and subsequent to January, 1963. In addition, no detail other than the total clothing group index can be published. For purposes of weighting this industry with other major groups to obtain various production aggregates, the clothing index at the uncorrected level will be used. To do otherwise would upset comparability of aggregates at higher levels.
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 D.B.S. Reference Paper 61-502 for the period 1935 to 1956 inclusive, the March 1963 supplement to this report for the period 1919 to 1934, the attached March 1964 supplement for the period 1957 to 1963 inclusive and the regular monthly reports thereafter.

\* The attached supplement contains revisions to Industrial Production for 1963.

TABLE 1. Industrial Production Indexes

(1949=100)

Industry or industry group	1949 proportion MCD	Seasonally adjusted						
		1963			1964			
		Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
INDUSTRIAL PRODUCTION, TOTAL ....	100.00	1	200.2	203.5	207.7	210.8	212.1	210.2
MINING, TOTAL .....	10.07	2	303.0	305.1	311.8	335.2	323.1	314.0
Metals .....	5.97	2	193.2	200.9	203.7	223.7	223.8	213.7
Gold .....	1.93	5	95.8	94.1	88.4	87.7	84.4	86.4
Copper .....	1.10	4	194.8	182.6	170.9	189.1	172.9	175.7
Iron ore .....	0.31	3	620.8	780.4	948.6	891.3	1017.0	1055.5
Nickel .....	1.05	4	170.5	161.3	176.0	165.6	185.2	171.4
Non-metals .....	0.85	5	233.0	244.5	243.9	231.5	234.8	230.2
Asbestos .....	0.59	5	245.9	257.7	250.9	242.5	245.5	238.8
Fuels .....	2.84	3	543.1	531.7	542.7	571.8	530.8	521.5
Coal .....	1.72	6	45.8	47.8	49.7	52.3	52.9	57.1
Natural gas .....	0.11	2	1264.0	1270.9	1224.3	1169.6	1216.0	1167.3
Petroleum .....	1.02	3	1305.4	1269.6	1302.0	1334.9	1263.6	1236.3
MANUFACTURING, TOTAL .....	84.83	3	177.4	180.2	183.5	185.2	188.6	186.6
NON-DURABLE MANUFACTURES .....	45.74	3	175.2	175.9	180.1	179.7	184.1	180.8
Foods and beverages .....	11.83	4	164.5	165.3	166.6	171.8	180.0	170.2
Foods .....	8.99	4	161.8	159.6	163.2	168.5	173.0	166.7
Meat products .....	1.62	4	164.6	169.1	175.3	180.2	178.8	163.7
Dairy products .....	1.40	3	161.4	161.8	169.4	169.0	168.2	168.5
Canning and processing .....	1.40	4	186.7	167.7	158.2	164.0	197.9	193.0
Grain mill products .....	1.00	4	152.6	157.5	163.5	194.3	192.3	186.7
Bakery products .....	1.73	3	137.3	135.1	134.8	143.1	143.0	141.3
Miscellaneous foods .....	1.83	4	168.6	167.5	178.4	171.0	170.6	161.0
Beverages .....	2.85	6	173.1	183.3	177.5	182.1	201.9	181.3
Carbonated beverages .....	0.72	6	176.7	200.0	169.0	171.7	196.0	177.3
Breweries .....	1.44	6	151.6	163.7	168.2	158.9	183.1	176.9
Distilleries .....	0.63	6	221.9	214.3	213.0	248.3	257.3	200.1
Tobacco and tobacco products ..	0.77	6	196.2	206.4	209.1	209.2	199.5	178.8
Rubber products .....	1.33	3	185.9	192.5	207.7	201.1	226.4	209.2
Leather products .....	1.58	2	128.5	132.3	128.4	125.1	132.4	125.0
Boots and shoes .....	0.95	4	140.8	145.7	138.3	131.1	141.3	130.8
Textiles .....	5.04	3	168.1	163.4	172.1	168.1	169.8	172.4
Cotton goods .....	1.57	4	114.8	115.2	121.4	117.4	121.0	108.3
Wool goods .....	0.93	3	99.0	89.1	90.9	104.5	94.3	93.0
Synthetic Textiles and Silk	1.33	3	298.6	286.3	308.2	283.3	283.7	
Clothing .....	5.59	3	142.4	136.3	146.6	132.3	135.4	131.2
Paper products .....	8.22	3	165.3	168.8	175.4	172.8	176.3	176.4
Pulp and paper .....	6.54	3	164.7	168.9	176.5	171.6	172.8	174.9

TABLE 1. Industrial Production Indexes - Concluded  
(1949=100)

Industry or industry group	1949 proportions	MCD	Seasonally adjusted							
			1963			1964				
			Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>NON-DURABLE MANUFACTURES -</b>										
Concluded:										
Printing publishing and allied industries .....	3.95	4	159.7	155.9	157.4	162.0	159.7	160.3		
Products of petroleum and coal	1.59	3	308.2	302.9	308.0	299.7	300.8	302.3		
Petroleum products .....	1.41	3	333.4	327.5	332.2	323.0				
Chemicals and allied products	4.22	2	251.4	262.9	263.1	269.3	273.0	275.0		
Acids, alkalies, salts and fertilizers .....	1.07	2	309.3	315.0	310.5	303.8	310.7	304.2		
Miscellaneous manufactures ....	1.62	1	248.1	246.3	245.1	252.3	258.6	261.0		
<b>DURABLE MANUFACTURES</b> .....										
Wood products .....	6.54	2	163.5	165.9	165.6	173.1	171.3	169.5		
Saw and planing mills .....	4.48	3	178.9	181.7	180.4	191.1	187.5	184.1		
Veneers and plywoods .....	0.38	3	377.4	404.5	405.8	415.0	391.0	401.5		
Sawmills .....	3.08	4	170.2	169.6	166.3	178.9	176.2	170.7		
Furniture .....	1.43	2	152.2	153.8	156.1	156.6	158.7	160.6		
Iron and steel products .....	12.49	2	164.5	168.7	171.4	176.2	176.6	178.3		
Machinery .....	2.64	1	160.6	163.0	164.8	167.6	171.6	173.2		
Iron castings .....	1.20	3	151.0	157.1	161.4	177.6	170.1	157.4		
Primary iron and steel .....	2.62	2	225.2	240.9	245.4	240.7	233.9	241.6		
Sheet metal products .....	1.11	1	153.0	154.6	158.1	161.8	164.6	164.5		
Transportation equipment .....	8.23	4	192.2	204.7	209.2	207.4	208.2	211.9		
Aircraft and parts .....	0.63	1	245.3	257.2	256.7	261.7	259.7	258.1		
Motor vehicles .....	3.21	4	276.0	299.5	305.7	299.4	304.5	318.0		
Motor vehicle parts .....	1.43	2	193.6	203.0	214.9	216.9	215.4	212.2		
Railway rolling stock .....	1.93	1	43.4	44.4	44.7	44.7	46.1	46.5		
Shipbuilding and repairs ....	0.81	1	192.6	195.1	195.2	195.4	184.1	175.6		
Non-ferrous metal products ....	4.97	3	151.2	149.3	148.8	153.3	157.9	159.2		
Brass and copper products ...	0.75	1	135.8	138.6	140.4	144.0	147.6	148.1		
Smelting and refining .....	3.19	3	165.1	160.6	159.2	163.6	169.6	171.1		
Electrical apparatus and supplies .....	4.40	2	222.5	230.8	232.5	232.9	229.1	228.5		
Heavy electrical machinery ..	1.52	1	148.9	151.1	155.0	156.7	158.8	160.1		
Telecommunication equipment	0.44	3	553.0	592.8	589.2	590.9	545.8	528.4		
Refrigerators and appliances	0.71	3	224.8	243.5	235.7	218.7	218.5	212.4		
Non-metallic mineral products	2.46	2	242.5	246.4	253.7	269.3	302.1	279.1		
Concrete products .....	0.30	4	637.4	682.0	783.6	890.8	998.2	819.6		
Hydraulic cement .....	0.36	5	264.6	247.7	192.5	228.2	309.1	284.9		
Domestic clay products .....	0.24	3	138.5	141.1	127.7	126.2	152.4			
<b>ELECTRIC POWER AND GAS UTILITIES</b>										
Electric power .....	4.60	2	349.4	364.9	374.2	360.0	360.5	367.9		
Gas .....	0.51	3	618.0	621.0	668.9	670.7	601.3	652.2		

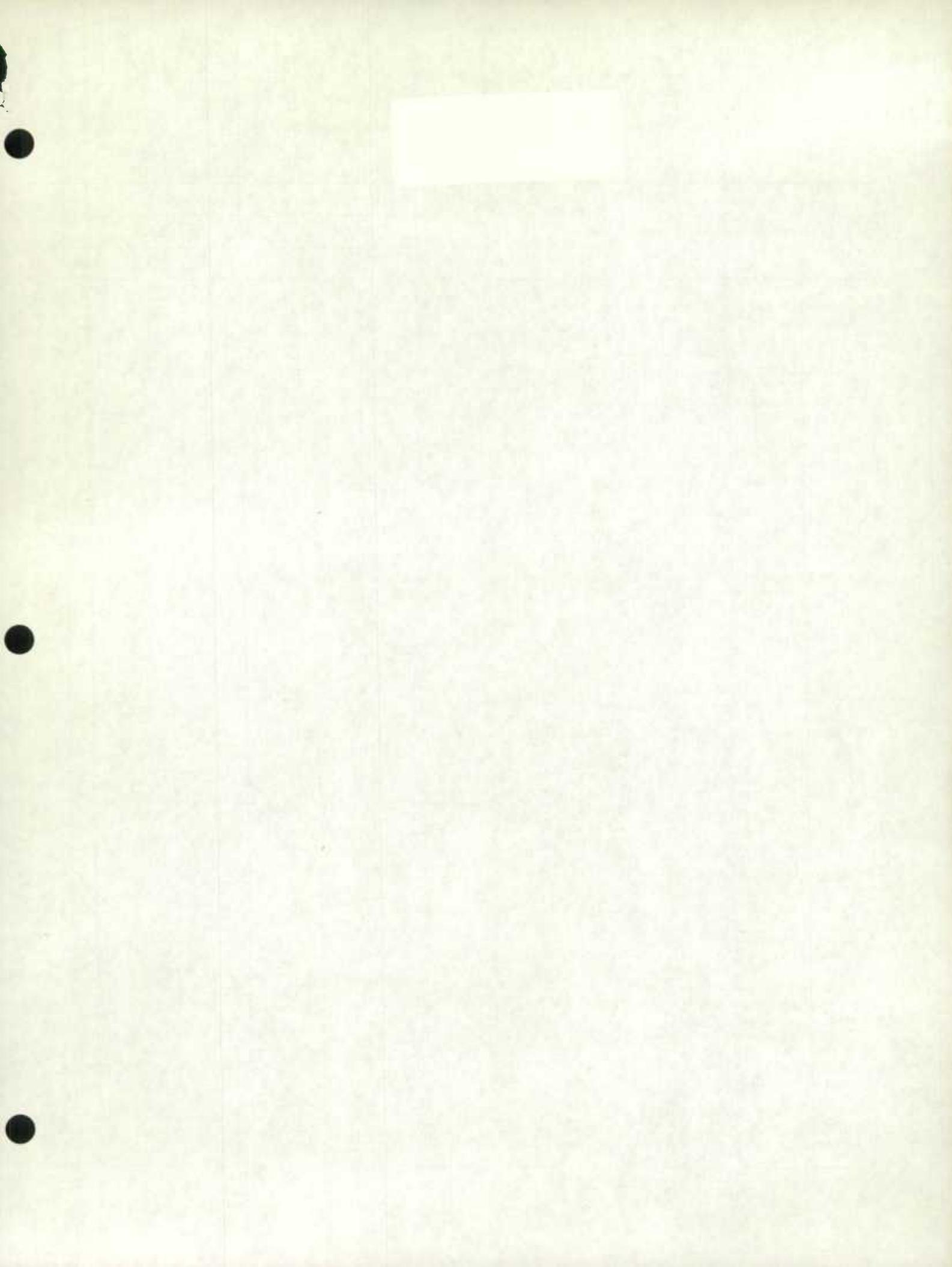
TABLE 2. Industrial Production Indexes  
(1949=100)

Industry or industry group	Annual average		Without seasonal adjustment					
			1963			1964		
	1962	1963	Jan.	Feb.	Mar.	Jan.	Feb.	Mar.
INDUSTRIAL PRODUCTION, TOTAL ..	186.0	195.9	182.6	190.7	192.0	202.1	210.8	208.9
MINING, TOTAL .....	287.4	294.4	278.0	286.5	286.4	320.1	312.7	299.5
Metals .....	197.7	193.8	159.7	176.0	181.2	198.6	199.7	188.4
Gold .....	100.1	95.5	94.2	98.7	95.6	86.3	85.2	85.9
Copper .....	176.7	174.0	158.1	158.0	167.4	172.8	162.7	171.0
Iron ore .....	632.5	670.8	325.4	356.1	437.5	572.4	549.2	614.3
Nickel .....	184.2	171.0	166.6	176.7	177.1	163.9	185.2	171.9
Non-metals .....	222.5	228.1	201.0	203.1	210.1	207.7	221.8	225.8
Asbestos .....	234.1	239.1	216.4	220.3	228.3	222.9	243.5	246.0
Fuels .....	480.8	513.6	543.2	557.6	541.0	620.5	584.5	554.3
Coal .....	48.8	52.0	63.7	61.1	48.5	62.6	58.1	54.2
Natural gas .....	1,005.7	1,179.8	1371.3	1395.9	1235.8	1500.6	1532.2	1365.7
Petroleum .....	1,154.0	1,221.6	1264.0	1306.0	1298.0	1468.0	1372.3	1311.7
MANUFACTURING, TOTAL .....	164.9	173.9	158.2	166.3	169.4	173.2	184.8	185.0
NON-DURABLE MANUFACTURES .....	164.8	172.2	153.8	162.6	168.4	165.5	179.2	178.7
Foods and beverages .....	158.9	162.1	129.7	139.5	144.8	140.2	154.7	151.2
Foods .....	154.8	157.2	133.0	139.6	138.9	145.6	150.8	146.2
Meat products .....	159.2	163.6	156.1	159.9	161.8	178.2	178.4	166.3
Dairy products .....	159.3	163.5	131.1	137.7	147.4	134.5	141.6	152.8
Canning and processing ....	164.7	165.4	83.7	96.0	88.0	83.5	105.4	92.4
Grain mill products .....	137.5	145.9	134.2	143.4	143.6	186.9	190.8	187.0
Bakery products .....	145.4	138.8	132.2	130.9	129.6	132.1	131.1	130.6
Miscellaneous foods .....	158.3	164.3	152.0	158.1	157.4	163.0	165.1	156.9
Beverages .....	171.9	177.6	119.1	142.0	163.5	123.2	166.7	157.0
Carbonated beverages .....	173.0	178.7	143.6	137.1	136.6	139.1	159.9	138.3
Breweries .....	156.3	159.9	86.0	127.6	160.5	84.2	152.0	176.2
Distilleries .....	210.0	220.3	167.5	183.3	206.5	193.7	214.3	185.3
Tobacco and tobacco products	203.7	207.7	195.8	224.6	219.0	199.6	203.5	183.6
Rubber products .....	167.6	190.5	170.4	202.1	204.9	186.4	242.7	213.2
Leather products .....	126.7	127.0	130.7	139.7	139.2	128.4	145.9	137.6
Boots and shoes .....	137.7	136.9	143.0	155.6	157.4	135.3	161.6	150.9
Textiles .....	146.6	159.5	148.0	159.7	162.0	163.6	178.7	180.5
Cotton goods .....	105.3	109.6	100.4	129.0	109.6	115.5	130.4	116.9
Wool goods .....	84.9	89.8	77.7	89.5	84.2	92.0	94.9	88.8
Synthetic textiles and silk	243.6	281.0	261.6	287.7	298.3	281.0	310.9	
Clothing .....	111.0	137.0(1)	125.8	137.8	142.6	119.7	138.8	137.8
Paper products .....	159.1	164.3	147.9	151.0	161.2	161.2	173.0	175.8
Pulp and paper .....	158.6	163.8	146.4	151.7	163.1	161.0	173.8	177.2

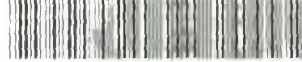
(1) See page 2 footnote (2).

TABLE 2. Industrial Production Indexes - Concluded  
(1949=100)

Industry or industry group	Annual average		Without seasonal adjustment					
			1963			1964		
	1962	1963	Jan.	Feb.	Mar.	Jan.	Feb.	Mar.
<b>NON-DURABLE MANUFACTURES -</b>								
Concluded:								
Printing publishing and allied industries .....	154.0	156.7	146.1	151.2	157.4	153.4	158.7	163.6
Products of petroleum and coal	272.8	296.0	288.9	286.9	297.7	305.5	308.5	300.4
Petroleum products .....	294.3	319.7	312.6	309.3	321.6	330.4		
Chemicals and allied products	233.2	249.1	222.9	234.8	244.8	260.4	273.7	282.6
Acids, alkalies, salts and fertilizers .....	266.0	302.0	256.7	273.2	299.6	304.1	321.0	340.7
Miscellaneous manufactures ....	237.2	246.6	234.0	233.1	235.5	244.5	248.3	251.6
<b>DURABLE MANUFACTURES .....</b>	<b>165.0</b>	<b>175.9</b>	<b>163.4</b>	<b>170.7</b>	<b>170.6</b>	<b>182.2</b>	<b>191.4</b>	<b>192.3</b>
Wood products .....	151.5	159.0	142.9	163.4	161.7	158.8	177.2	175.1
Saw and planing mills .....	161.1	172.1	150.1	181.5	179.3	172.1	199.4	195.9
Veneers and plywoods .....	329.8	358.8	334.3	375.4	354.8	395.5	420.3	417.6
Sawmills .....	149.6	162.3	137.1	177.6	176.4	158.0	194.5	189.7
Furniture .....	152.5	153.0	150.6	146.2	145.1	153.2	151.1	151.8
Iron and steel products .....	152.1	161.8	146.1	155.7	158.8	162.8	171.6	175.2
Machinery .....	149.1	160.2	155.6	154.4	154.9	163.9	166.3	168.9
Iron castings .....	135.5	151.1	125.8	159.9	175.4	164.3	176.2	173.1
Primary iron and steel .....	193.0	216.9	189.8	205.9	207.2	220.5	229.2	236.0
Sheet metal products .....	157.3	156.9	144.3	146.3	148.8	145.9	149.5	152.0
Transportation equipment .....	156.7	181.4	183.4	183.9	180.5	219.2	224.3	227.7
Aircraft and parts .....	260.0	233.8	229.9	232.9	230.0	263.8	264.9	261.5
Motor vehicles .....	206.9	257.6	270.1	269.2	258.8	332.3	346.2	356.2
Motor vehicle parts .....	146.6	179.5	169.9	171.1	172.8	213.9	217.8	216.9
Railway rolling stock .....	41.5	41.1	40.0	39.4	39.0	43.9	44.9	45.2
Shipbuilding and repairs ....	186.9	197.2	190.9	197.3	203.1	181.7	178.2	176.7
Non-ferrous metal products ....	148.9	148.8	147.4	147.1	145.6	153.7	158.0	158.1
Brass and copper products ...	126.9	133.4	123.4	124.1	125.3	140.4	143.9	145.4
Smelting and refining .....	164.2	161.6	163.9	163.3	160.5	166.5	172.1	171.4
Electrical apparatus and supplies .....	212.9	223.5	211.8	220.6	216.2	225.9	229.8	224.1
Heavy electrical machinery ..	149.8	154.3	156.4	153.9	151.7	155.3	154.4	154.2
Telecommunication equipment	524.1	546.9	477.2	551.4	513.3	556.6	572.0	520.5
Refrigerators and appliances	198.4	221.6	202.6	221.9	228.6	209.1	224.0	222.6
Non-metallic mineral products	240.9	243.0	183.7	179.8	189.5	199.3	220.0	219.0
Concrete products .....	655.0	652.3	351.0	350.5	431.2	472.1	567.0	565.5
Hydraulic cement .....	241.9	246.0	145.9	138.1	148.5	128.5	175.9	179.5
Domestic clay products .....	148.1	136.7	106.7	101.0	103.9	95.5	115.5	
<b>ELECTRIC POWER AND GAS UTILITIES</b>	<b>337.7</b>	<b>367.4</b>	<b>399.9</b>	<b>406.8</b>	<b>380.0</b>	<b>448.6</b>	<b>441.8</b>	<b>427.8</b>
Electric power .....	313.1	339.2	346.7	345.4	332.4	389.2	386.1	377.9
Gas .....	558.3	625.3	376.6	957.6	807.4	981.3	941.6	876.6



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