



# MARCH 2021 INDEX OF INDUSTRIAL PRODUCTION (IIP)

This is the monthly Index of Industrial Production (IIP). Series has been developed by the National Institute of Statistics of Rwanda (NISR) to provide more timely estimates of the broad trends of industrial output. March 2021
Index of
Industrial
Production
(IIP)

May 2021

NATIONAL INSTITUTE OF STATISTICS OF RWANDA

## Monthly Index of Industrial Production - Formal Activity - March 2021

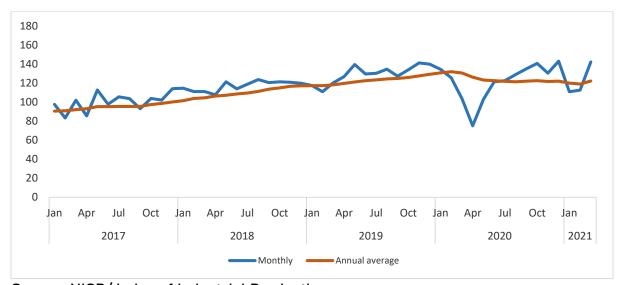
### 1. Summary

In March 2021, the Index of Industrial Production (IIP) shows that, industrial output (formal sector) increased by 37.3 percent compared to March 2020, against a decrease of 6.4 percent on annual average basis.

Activities performed as follows:

- Mining and guarrying decreased by 32.0 percent;
- Manufacturing increased by 43.0 percent;
- Electricity increased by 13.1 percent; and
- Water and waste management increased by 11.2 percent

Chart 1: Index of Industrial Production (formal activity) constant 2017 prices



Source: NISR/Index of Industrial Production

### 2. Details

The increase in manufacturing is mainly due to 61.5 percent increase in manufacturing of beverages and tobacco, 97.5 percent increase in manufacturing of textiles, clothing and leather goods, 97.8 percent increase in manufacturing of nonmetallic mineral products, 60.2 percent increase in manufacturing of metal products, machinery and equipment and 183.6 percent increase in manufacturing of wood, paper and printing.

Chart 2: Contribution to percentage change

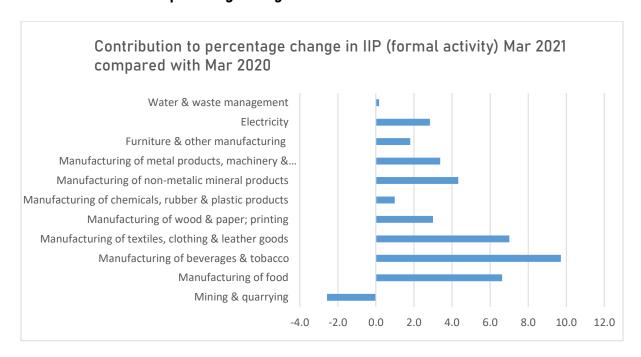


Table 1: Index of Industrial Production, formal activity, 2017=100, monthly

	l .	Manufacturing of:											
				Textiles,		Chemicals,	Non-	Metal					
				clothing &	Wood &	rubber &	metallic	products,	Furniture &	Manufacturing		Water &	
	Mining &		Beverages	leather	paper;	plastic	mineral	machinery &	other	Total	Electri	waste	General
	quarrying	Food	& tobacco	goods	printing	products	products	equipment	manufacturing		city	management	Index
Jan 2018	84.9	136.8	95.3	184.8	162.6	120.0	100.7	101.9	121.5	122.5	105.4	103.7	114.5
Feb 2018	80.7	140.8	93.0	228.3	106.3	89.0	79.3	98.9	125.7	118.3	99.4	91.1	<i>110.9</i>
Mar 2018	68.5	143.3	102.3	154.7	88.2	111.9	91.9	104.2	100.4	122.9	109.4	99.4	111.0
Apr 2018	68.8	143.6	92.2	219.1	91.8	102.6	29.8	109.0	112.3	113.6	100.5	93.4	<i>107.6</i>
May 2018	80.0	144.9	104.7	245.7	125.5	136.0	80.5	134.7	103.2	128.2	112.1	100.8	121.2
Jun 2018	60.3	123.3	109.4	166.1	134.9	112.3	123.4	183.9	107.0	133.4	110.2	103.4	113.8
Jul 2018	54.4	131.7	123.3	187.4	109.7	112.1	141.7	152.4	120.6	134.0	115.3	113.2	118.8
Aug 2018	59.3	142.3	126.0	181.9	120.5	130.3	140.8	154.3	118.3	141.1	116.0	111.3	<i>123.5</i>
Sep 2018	67.2	129.6	110.1	281.4	121.3	107.5	159.5	129.1	101.2	129.2	111.8	108.8	120.4
Oct 2018	60.8	135.2	107.2	258.6	150.6	123.4	144.8	125.0	107.1	<i>133.2</i>	116.5	109.8	121.2
Nov 2018	63.2	151.3	99.6	215.5	134.2	145.3	138.9	109.6	108.9	134.7	109.8	106.6	120.7
Dec 2018	70.8	141.2	115.8	207.1	127.7	126.5	123.3	112.2	96.6	133.9	111.7	110.5	119.8
Jan 2019	70.4	129.2	118.6	200.3	123.9	145.8	99.9	111.1	96.6	128.9	115.2	109.9	117.4
Feb 2019	63.1	119.3	108.4	190.7	140.5	119.5	96.4	114.2	148.7	122.0	106.6	100.8	110.8
Mar 2019	53.9	128.8	102.0	256.8	162.6	134.1	166.1	132.5	110.5	132.5	116.3	108.8	120.2
Apr 2019	82.0	134.3	127.4	198.7	180.0	174.3	113.5	124.5	125.2	134.0	114.1	104.9	126.6
May 2019	103.0	125.9	143.6	277.8	205.7	195.1	122.4	163.3	128.8	146.1	121.6	110.0	139.3
Jun 2019	52.2	109.5	145.4	244.9	173.7	153.0	154.1	254.1	141.8	160.2	115.4	109.5	129.4
Jul 2019	65.2	113.5	150.1	252.5	155.6	159.0	148.3	150.4	159.4	141.3	122.4	118.4	<i>130.1</i>
Aug 2019	81.4	131.2	141.8	295.2	137.1	160.4	125.2	153.8	127.3	148.1	123.1	117.9	134.6
Sep2019	98.2	115.1	118.9	277.3	127.9	141.4	140.1	163.7	120.7	139.6	119.9	106.2	127.1
Oct 2019	121.7	132.0	119.4	270.7	138.3	146.5	115.5	152.3	138.9	143.7	121.4	110.4	<i>133.8</i>
Nov 2019	179.7	136.5	111.0	297.6	102.0	165.0	135.1	136.3	123.3	142.2	116.6	105.6	141.0
Dec 2019	131.9	119.7	144.7	374.5	134.0	160.6	102.0	132.5	132.7	142.8	120.5	105.2	139.8
Jan 2020	141.9	116.6	131.0	256.4	128.7	161.2	131.9	139.0	137.9	138.8	118.9	111.9	<i>134.3</i>
Feb 2020	125.3	98.3	123.3	302.5	117.6	159.5	125.0	131.6	97.7	<i>125.7</i>	116.2	101.6	<i>125.5</i>
Mar 2020	64.0	100.8	96.0	165.5	65.3	148.4	90.3	128.6	86.8	112.7	118.2	108.0	<i>103.5</i>
Apr 2020	33.2	84.0	78.2	100.1	74.4	104.1	57.1	35.3	14.8	<i>75.7</i>	98.2	100.8	<i>75.0</i>
May 2020	28.1	111.0	103.3	117.1	65.9	100.6	153.7	142.7	142.7	124.7	114.7	107.2	102.8
June 2020	70.2	133.8	120.8	123.8	137.7	138.7	128.1	161.1	154.1	146.9	115.6	114.4	<i>121.2</i>
July 2020	53,3	124.7	143.1	123.8	67.7	132.6	176.6	182.9	140.6	<i>152.7</i>	115.6	114.4	<i>121.2</i>
Aug 2020	41.7	101.2	145.8	271.2	143.6	186.4	154.5	218.8	134.9	153.0	126.1	125.6	128.8
Sept 2020	49.8	123.1	134.3	194.0	207.3	164.6	232.7	245.9	141.3	169.6	123.1	119.2	134.9
Oct 2020	46.3	120.5	131.5	370.2	151.5	172.5	180.2	294.4	129.7	172.6	129.0	118.6	140.5
Nov 2020	49.9	102.8	128.2	358.7	142.1	190.9	181.5	182.2	107.8	141.7	127.4	114.5	<i>130.3</i>
Dec 2020	35.7	119.3	153.7	392.7	195.4	194.9	177.7	200.9	156.5	160.0	130.5	123.9	142.9
Jan 2021	42.6	89.8	133.0	235.5	121.6	134.1	124.2	114.8	76.4	113.5	126.9	123.5	110.8
Feb 2021	38.6	89.6	122.8	248.6	138.1	160.3	133.4	153.2	120.2	121.6	116.3	110.3	112.5
Mar 2021	43.6	129.5	155.1	326.8	185.2	166.5	178.6	206.0	141.6	161.2	133.8	120.1	142.2

Table 2: Index of Industrial Production, formal activity, 2017=100, percentage change on same month in previous year

$\neg$						Man	ufacturing of						
	Mining &	Food	Beverag	Textiles,	Wood &	Chemical	Non-	Metal	Furniture &	Manufacturing	Electricit	Water &	General
	quarrying		es &	clothing	paper;	s, rubber	metallic	products,	other	Total	у	waste	Index
			tobacco	& leather	printing	& plastic	mineral	machinery &	manufactu			manage	
				goods		products	products	equipment	ring			ment	
Jan 2018	-10.9%	45.4%	-16.7%	90.9%	72.7%	36.4%	12.9%	7.1%	30.5%	25.9%	11.3%	3.8%	17.5%
Feb 2018	7.7%	75.8%	-6.4%	291.7%	42.3%	17.4%	-9.0%	11.4%	90.9%	37.9%	12.7%	2.0%	33.2%
Mar 2018	-39.8%	53.8%	-12.3%	31.9%	-8.6%	24.9%	4.8%	13.1%	4.5%	23.9%	9.2%	2.7%	8.9%
Apr 2018	-2.9%	67.4%	-9.6%	537.6%	21.1%	15.7%	-66.0%	58.4%	39.6%	31.6%	4.6%	-2.3%	26.0%
May 2018	-42.9%	57.1%	-1.5%	8.8%	-22.2%	28.9%	-19.0%	34.3%	-4.4%	22.7%	9.6%	-0.7%	7.6%
Jun 2018	-25.4%	42.7%	2.2%	63.4%	70.3%	-5.8%	16.3%	28.4%	12.1%	26.0%	13.6%	-1.6%	16.5%
Jul 2018	-54.3%	38.4%	16.6%	44.8%	15.5%	0.0%	52.3%	53.4%	-6.4%	33.8%	12.3%	5.6%	12.7%
Aug 2018	-45.6%	48.9%	20.8%	55.5%	49.5%	21.6%	25.5%	40.5%	22.6%	38.5%	10.1%	5.5%	19.3%
Sep 2018	-23.7%	25.3%	34.9%	718.1%	26.2%	26.5%	38.0%	30.6%	15.0%	36.7%	9.9%	8.9%	29.6%
Oct 2018	-49.5%	13.0%	33.2%	397.9%	37.9%	30.4%	45.6%	28.5%	-17.3%	32.4%	10.1%	13.8%	16.9%
Nov 2018	-36.4%	27.7%	30.6%	178.7%	-3.6%	20.4%	22.5%	11.1%	22.6%	30.6%	8.0%	7.4%	18.4%
Dec 2018	-19.9%	3.9%	9.5%	33.0%	30.0%	11.3%	13.0%	4.2%	-25.3%	10.7%	7.0%	6.5%	5.1%
Jan 2019	-17.1%	-5.6%	24.4%	8.4%	-23.8%	21.5%	-0.8%	9.0%	-20.5%	5.3%	9.3%	6.0%	2.5%
Feb 2019	-21.9%	15.3%	16.5%	-16.5%	32.2%	34.3%	21.6%	15.5%	18.3%	3.1%	7.3%	10.7%	-0.1%
Mar 2019	-21.3%	-10.1%	-0.3%	66.0%	84.5%	19.8%	80.7%	27.1%	10.1%	7.8%	6.3%	9.5%	8.3%
Apr 2019	19.2%	-6.5%	38.1%	-9.3%	96.1%	69.8%	281.3%	14.2%	11.5%	18.0%	13.5%	12.4%	17.7%
May 2019	28.8%	-13.1%	37.1%	13.1%	63.9%	43.4%	52.0%	21.3%	24.8%	14.0%	8.5%	9.1%	15.0%
Jun 2019	-13.4%	-11.2%	32.9%	47.4%	28.8%	36.3%	24.9%	38.2%	32.6%	20.1%	4.7%	5.9%	13.7%
Jul 2019	19.9%	13.8%	21.8%	34.7%	41.7%	41.9%	4.7%	-1.3%	32.2%	5.4%	6.1%	4.6%	9.6%
Aug 2019	37.4%	-7.8%	12.6%	62.3%	13.8%	23.0%	-11.1%	-0.3%	7.6%	5.0%	6.1%	5.9%	9.0%
Sep 2019	46.1%	-11.2%	7.9%	-1.4%	5.5%	31.5%	-12.1%	26.8%	19.3%	8.1%	7.3%	-2.4%	5.6%
Oct 2019	100.3%	-2.4%	11.4%	4.7%	-8.1%	18.8%	-20.3%	21.8%	29.7%	7.9%	4.3%	0.6%	10.4%
Nov 2019	184.2%	-9.8%	11.5%	38.1%	-24.0%	13.5%	-2.7%	24.3%	13.2%	5.6%	6.2%	-0.9%	16.8%
Dec 2019	86.2%	15.2%	24.9%	80.8%	5.0%	27.0%	-17.3%	18.1%	37.5%	6.7%	7.9%	-4.8%	16.7%
Jan 2020	101.5%	-9.7%	10.4%	28.0%	3.9%	10.6%	32.0%	25.1%	42.7%	7.7%	3.2%	1.8%	14.4%
Feb 2020	98.6%	17.5%	13.8%	58.6%	-16.3%	33.4%	29.7%	15.2%	-34.3%	3.1%	9.0%	0.8%	13.2%
Mar 2020	18.7%	21.7%	-5.9%	-35.6%	-59.8%	10.7%	-45.6%	-2.9%	-21.5%	-15.0%	1.7%	-0.8%	-13.9%
Apr 2020	-59.4%	37.4%	-38.6%	-49.6%	-58.7%	-40.3%	-49.7%	-71.7%	-88.2%	-43.5%	-13.9%	-3.9%	-40.7%
May2020	-72.7%	-11.9%	-28.1%	-57.9%	-67.9%	-48.4%	25.6%	-12.6%	10.8%	-14.6%	-5.6%	-2.5%	-26.2
Jun 2020	34.5%	22.2%	16.9%	-49.4%	-20.8%	-9.4%	-16.9%	-36.6%	8.6%	-8.3%	0.2%	4.4%	-6.4%
Jul 2020	18.3%	9.8%	-4.7%	-58.3%	-56.5%	-16.6%	19.0%	21.5%	-11.8%	8.1%	1.6%	5.1%	-6.0%
Aug 2020	-48.9%	-22.9%	2.8%	-8.1%	4.7%	16.3%	23.4%	423%	6.0%	3.4%	2.4%	6.5%	-4.3%
Sep 2020	-49.3%	7.0%	13.0%	-30.0%	62.0%	16.4%	66.1%	50.2%	17.0%	21.5%	2.6%	12.3%	6.1%
Oct 2020	-62.0%	-8.7%	10.1%	36.8%	9.5%	17.7%	56.1%	93.3%	-6.7%	20.1%	6.2%	7.4%	5.0%
Nov 2020	-72.2%	-24.7%	15.5%	20.6%	39.3%	15.7%	34.3%	33.7%	-12.5%	-0.4%	9.3%	8.4%	-7.6%
Dec 2020	-72.9%	-0.3%	6.2%	4.9%	45.8%	21.3%	74.1%	51.6%	17.9%	12.0%	8.2%	17.8%	2.3%
Jan 2021	-69.9%	-23.0%	1.5%	-8.1%	-5.5%	-16.9%	-5.8%	-17.4%	-44.6%	-18.3%	6.7%	10.4%	-17.5%
Feb 2021	-69.2%	-8.9%	-0.4%	-17.8%	17.5%	0.5%	6.7%	16.4%	23.1%	-3.3%	0.1%	8.6%	-10.3%
Mar 2021	-32.0%	28.4%	61.5%	97.5%	183.6%	12.2%	97.8%	60.2%	63.2%	43.0%	13.1%	11.2%	37.3%
	-52.0% NISR/Index of In			77.570	103.076	14.4/0	77.070	00.270	03.270	45.0%	13.170	11.4/0	37.370

5 Index of Industrial Production (formal activity) March 2021

Table 3: Index of Industrial Production, formal activity, 2017=100, annual average

		Manufacturing of:										<del>-</del>	
						- Harraractarii	.g	Metal	Furniture &				
				Textiles,	Wood &	Chemicals,	Non-metallic	products,	other	Manufacturing		Water &	
	Mining &		Beverages	clothing &	paper;	rubber & plastic	mineral	machinery &	manufacturi	Total		waste	General
	quarrying	Food	& tobacco	leather goods	printing	products	products	equipment	ng		Electricity	management	Index
Jan 2018	99.1	103.6	98.4	107.3	105.7	102.7	101.0	100.6	102.4	102.1	100.9	100.3	101.4
Feb 2018	99.6	108.6	97.9	121.5	108.3	103.8	100.3	101.4	107.4	104.8	101.8	100.5	<i>103.7</i>
Mar 2018	95.8	112.8	96.7	124.6	107.6	105.6	100.7	102.4	107.7	106.8	102.6	100.7	104.5
Apr 2018	95.7	117.6	95.9	140.0	109.0	106.8	95.8	105.8	110.4	109.1	103.0	100.5	<i>106.3</i>
May 2018	90.7	122.0	95.7	141.7	106.0	109.3	94.3	108.6	110.0	111.0	103.8	100.4	107.0
Jun 2018	89.0	125.1	95.9	147.0	110.6	108.8	95.7	112.0	110.9	113.3	104.9	100.3	108.4
Jul 2018	83.6	128.1	97.4	151.9	111.9	108.8	99.8	116.4	110.2	116.1	105.9	100.8	109.5
Aug 2018	79.4	132.0	99.2	157.3	115.2	110.7	102.1	120.1	112.1	119.4	106.8	101.3	<i>111.2</i>
Sep 2018	77.7	134.2	101.6	177.9	117.3	112.6	105.8	122.7	113.2	122.3	107.7	102.0	<i>113.5</i>
Oct 2018	72.7	135.5	103.8	195.1	120.7	115.0	109.6	125.0	111.3	125.0	108.5	103.1	114.9
Nov 2018	69.7	138.2	105.7	206.6	120.3	117.0	111.7	125.9	113.0	127.7	109.2	103.8	116.5
Dec 2018	68.2	138.7	106.6	210.9	122.8	118.1	112.9	126.3	110.2	128.7	109.8	104.3	<i>117.0</i>
Jan 2019	67.0	138.0	108.5	212.2	119.5	120.2	112.8	127.0	108.2	129.3	110.7	104.8	<i>117.2</i>
Feb 2019	65.6	136.2	109.8	209.0	122.4	122.8	114.2	128.3	110.1	129.6	111.3	105.6	<i>117.2</i>
Mar 2019	64.3	135.0	109.8	217.5	128.6	124.6	120.4	130.7	110.9	130.4	111.8	106.4	118.0
Apr 2019	65.4	134.2	112.7	215.8	135.9	130.6	127.4	132.0	112.0	132.1	113.0	107.4	119.5
May 2019	67.4	132.7	115.9	218.5	142.6	135.5	130.9	134.3	114.1	133.6	113.8	108.2	121.1
Jun 2019	66.7	131.5	118.9	225.1	145.9	138.9	133.5	140.2	117.0	135.8	114.2	108.7	122.4
Jul 2019	67.6	130.0	121.2	230.5	149.7	142.8	134.0	140.0	120.3	136.4	114.8	109.1	123.3
Aug 2019	69.4	129.1	122.5	239.9	151.1	145.3	132.7	140.0	121.0	137.0	115.4	109.7	124.2
Sep 2019	72.0	127.9	123.2	239.6	151.6	148.1	131.1	142.9	122.6	<i>137.9</i>	116.1	109.4	124.8
Oct 2019	77.1	127.6	124.3	240.6	150.6	150.1	128.6	145.2	125.3	<i>138.7</i>	116.5	109.5	125.8
Nov 2019	86.8	126.4	125.2	247.5	147.9	151.7	128.3	147.4	126.5	139.4	117.0	109.4	127.5
Dec 2019	91.9	124.6	127.6	261.4	148.4	154.6	126.6	149.1	129.5	140.1	117.8	109.0	129.2
Jan 2020	97.8	123.5	128.7	266.1	148.8	155.8	129.2	151.4	132.9	140.9	118.1	109.1	130.6
Feb 2020	103.0	121.8	129.9	275.4	146.9	159.2	131.6	152.8	128.7	141.2	118.9	109.2	131.8
Mar 2020	103.9	119.5	129.4	267.8	138.8	160.4	125.3	152.5	126.7	139.6	119.0	109.1	130.4
Apr 2020	99.8	115.3	125.3	259.6	130.0	154.5	120.6	145.1	117.5	134.7	117.7	108.8	126.1
May 2020	93.6	114.0	121.9	246.2	118.4	146.6	123.2	143.4	118.7	133.0	117.1	108.6	123.1
Jun 2020	95.1	116.0	119.9	236.1	115.4	145.4	121.0	135.6	119.7	131.8	117.2	109.0	122.4
July 2020	94.1	117.0	119.3	223.8	108.0	143.2	123.4	138.3	118.1	132.8	117.3	109.5	<i>121.7</i>
Aug 2020	90.8	114.5	119.6	221.8	108.6	145.4	125.8	143.7	118.7	132.2	117.6	110.1	121.3
Sept 2020	86.7	115.1	120.9	214.9	115.2	147.4	133.6	150.6	120.5	<i>135.7</i>	117.8	111.2	<i>121.9</i>
Oct 2020	80.4	114.2	121.9	223.2	116.3	149.5	138.9	162.4	119.7	138.1	118.5	111.9	122.5
Nov 2020	69.6	111.4	123.4	228.3	119.6	151.7	142.8	166.2	118.4	138.1	119.4	112.6	121.6
Dec 2020	61.6	111.3	124.1	229.8	124.7	154.5	149.1	171.9	120.4	139.5	120.2	114.2	121.9
Jan 2021	53.3	109.1	124.3	228.0	124.2	152.3	148.5	169.9	115.3	137.4	120.9	115.1	119.9
Feb 2021	46.1	108.4	124.2	223.6	125.9	152.3	149.2	171.7	117.1	137.0	120.9	115.9	118.8
Mar 2021	44.4	110.8	129.1	237.0	135.9	153.8	156.5	178.2	121.7	141.1	122.2	116.9	122.0
Source: N	IISR/Index of	Industria	I Production										

Table 4: Linking factors between old base and new base (linking year = 2017)

			Manufacturing of:										
				Textiles,	Wood &	Chemicals,	Non-metallic	Metal products,	Furniture &	Manufacturing		Water &	
	Mining &		Beverages	clothing &	paper;	rubber & plastic	mineral	machinery &	other	Total		waste	Genera
	quarrying	Food	& tobacco	leather goods	printing	products	products	equipment	manufacturing		Electricity	management	l Index
Linking	1.29	1.28	1.00	2.25	1.18	1.62	1.95	1.69	1.23	1.29	1.32	1.14	1.29
factors													

Source: NISR/Index of Industrial Production

### Note:

- -The series from 2017 are based on the new weights.
- -For the years before 2017, the growth rates of old series are preserved by dividing the old series by the above linking factors.

### Notes

In 2017, Rwanda has subscribed to IMF Enhanced General Data Dissemination System (E-GDDS). The E-GDDS is considered as a transition to the Special Data Dissemination Standard (SDDS) which is a more advanced stage. The aim was to subscribe to SDDS by June 2019. The system aims to encourage member countries to improve data quality; and guide member countries in the dissemination to the public of comprehensive, timely, accessible, and reliable economic, financial, and socio-demographic statistics.

In this regards, NISR as responsible institution for the compilation and publication of official statistics in Rwanda has mandate to develop the Index of Industrial Production (IIP) one of the missing requirement to fully compliance with SDDS. IIP series were developed since 2017 and the first publication was done in June 2019. In this publication a series from January 2011 have been compiled and availed to the public. Moreover, figures in this publication are the results of the 2017 rebasing exercise explained below in this note.

The Index of Industrial Production (IIP) is a statistical instrument used to monitor the monthly trends in output of industrial activities. By the SDDS, the index for any reference month has to be released within six weeks from the end of that month. They are developed based on a range of short term (monthly) indicators of economic activity.

The IIP in this statistical release relates to the activity of businesses in the formal sector in Rwanda, defined as those registered with the tax authorities. The IIP series is entirely consistent with the quarterly estimates of Gross Value Added published by NISR, which still provide the most comprehensive and detailed assessment of economic activity.

The scope of the IIP as recommended by the United Nations Statistical Office (UNSO) includes mining and quarrying, manufacturing, construction, electricity, gas and water production and supply. But due to constraints of data availability, the IIP compiled in Rwanda has excluded construction activities.

### 2017 Rebasing

The National Institute of Statistics of Rwanda finalised new series that are based on the 2017 weights replacing old series based on 2014 weights. The International best practice recommends doing it at least once in five years but in Rwanda it is compiled every three years due to the availability of information collected at a higher frequency. Note that the series from 2017 are based on the 2017 weights. For the years before 2017, the growth rates of old series are preserved by dividing the published indices by the linking factors found in the above table 4.

The IIP is produced based on monthly indicators of the volume of economic activity for eleven Rwanda Classification of Products by Activity (RCPA). These are weighted

together based on the gross value added in the reference year for the series (currently, 2017), consistent with the estimates of published value added within the Gross Domestic Product series, see table 5.

The correspondence table between RCPA and ISIC (International Standard Industrial Classification) Revision 4 is shown in Table 6.

Table 5: 2017 Gross Value Added

		Gross Value	Percentage
		Added (RWF,	of total
RCPA	Activity	billions)	GVA
В	Mining & quarrying	57.4	13.0%
CA	Manufacturing of food	105.8	23.9%
CB	Manufacturing of beverages & tobacco	75.3	17.0%
CC	Manufacturing of textiles, clothing & leather goods	19.9	4.5%
CD	Manufacturing of wood & paper; printing	11.5	2.6%
CE	Manufacturing of chemicals, rubber & plastic products	25.0	5.7%
CF	Manufacturing of non-metallic mineral products	22.4	5.1%
	Manufacturing of metal products, machinery &	20.0	4.5%
CG	equipment		
CH	Furniture & other manufacturing	15.0	3.4%
D	Electricity	83.6	18.9%
Ε	Water & waste management	6.2	1.4%
	Total	442.1	100.0%

Table 6: Matching table between Rwanda Products Classification by Activity (RCPA) and International Standard Industrial Classification Revision 4 (ISIC Rev 4)

RCPA	RCPA (Rwanda Classification of Products by Activity)			ISIC Rev.4 (here R stands for Rwanda)				
Code	Level	Description	Code	Code1	Description			
В	2	Mining and quarrying	R	RB	Mining and quarrying			
CA	4	Manufacturing of food	RC	RC10	Manufacture of food products			
СВ	SD /	   Manufacturing of beverages & tobacco	RC	RC11	Manufacture of beverages			
СВ	4	Manufacturing of beverages & tobacco	RC	RC12	Manufacture of tobacco products			
		Manufacturing of toytiles, clothing C	RC	RC13	Manufacture of textiles			
CC	4	Manufacturing of textiles, clothing & leather goods	RC	RC14	Manufacture of wearing apparel			
		teather goods	RC	RC15	Manufacture of leather and related products			
CD	4	Manufacturing of wood & paper; printing	RC	RC16	Manufacture of wood and of products of wood and cork, except furniture;			
טט	4	Manufacturing of wood & paper, printing	KC .	KCIO	Manufacture of articles of straw and plaiting materials			
CD	4	   Manufacturing of wood & paper; printing	RC	RC17	Manufacture of paper and paper products			
CD	JD 4	Manufacturing of wood & paper, printing	RC	RC18	Printing and reproduction of recorded media			
			RC	RC19	Manufacture of coke and refined petroleum products			
CE	4	Manufacturing of chemicals, rubber & plastic products	RC	RC20	Manufacture of chemicals and chemical products			
CE	4		RC	RC21	Manufacture of pharmaceuticals, medicinal chemical and botanical products			
			RC	RC22	Manufacture of rubber and plastics products			
CF	4	Manufacturing of non-metallic mineral products	RC	RC23	Manufacture of other non-metallic mineral products			
			RC	RC24	Manufacture of basic metals			
			RC	RC25	Manufacture of fabricated metal products, except machinery and equipment			
		Manufacturing of model was dust.	RC	RC26	Manufacture of computer, electronic and optical products			
CG	4	Manufacturing of metal products,	RC	RC27	Manufacture of electrical equipment			
		machinery & equipment	RC	RC28	Manufacture of machinery and equipment n.e.c.			
			RC	RC29	Manufacture of motor vehicles, trailers and semi-trailers			
			RC	RC30	Manufacture of other transport equipment			
			RC	RC31	Manufacture of furniture			
CH	4	Furniture & other manufacturing		RC32	Other manufacturing			
			RC	RC33	Repair and installation of machinery and equipment			
D	2	Electricity	RD	RD35	Electricity, gas, steam and air conditioning supply			
Е	2	Water & waste management	RE	RE36	Water collection, treatment and supply			

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