



# FEBRUARY 2020 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. February 2020
Index of
Industrial
Production
(IIP)

**April 2020** 

# NATIONAL INSTITUTE OF STATISTICS OF RWANDA

## Monthly Index of Industrial Production - formal activity February 2020

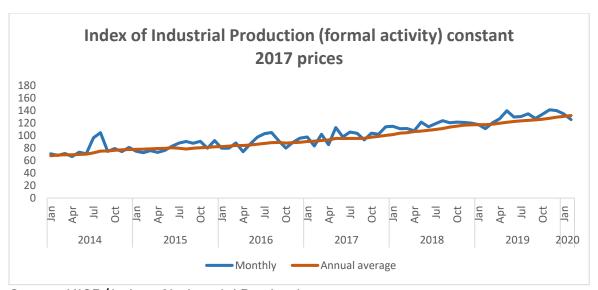
### 1. Summary

In February 2020, the Index of Industrial Production (IIP) shows that, industrial output (formal sector) increased by 13.2 percent compared to February 2019, against an increase of 12.5 percent on annual average basis.

Activities in industry changed as follows:

- ➤ Mining and quarrying increased by 98.6 percent;
- Manufacturing increased by 3.1 percent;
- > Electricity increased by 9.0 percent; and
- Water and waste management decreased by 0.8 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 due mainly to an increase of 13.8 percent in manufacturing of beverages and tobacco; 58.6 percent increase of manufacturing of textiles, clothing and leather goods and 33.4 percent increase in chemicals, rubber and plastic products.

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Chart 2: Contribution to percentage change

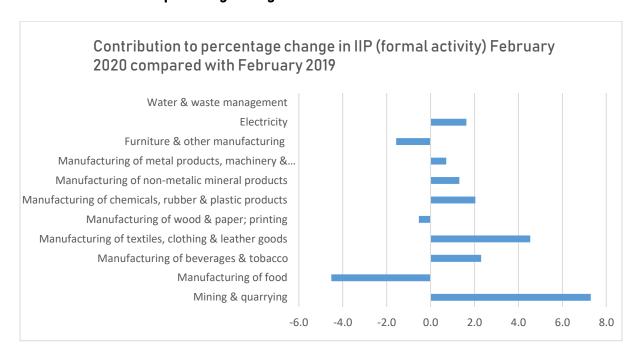


Table 1: Index of Industrial Production, formal activity, 2017=100, monthly

		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	rotat	city	management	Index
Jan 2017	95.3	94.1	114.5	96.8	94.2	87.9	89.2	95.1	93.1	97.3	94.7	99.9	97.5
Feb 2017	75.0	80.1	99.4	58.3	74.7	75.8	87.1	88.7	65.9	85.8	88.2	89.2	<i>83.3</i>
Mar 2017	113.8	93.2	116.8	117.2	96.5	89.6	87.7	92.1	96.1	99.2	100.1	96.8	102.0
Apr 2017	70.8	85.8	102.0	34.4	75.8	88.7	87.6	68.8	80.5	86.3	96.0	95.6	<i>85.4</i>
May 2017	140.0	92.2	106.3	225.8	161.5	105.5	99.3	100.3	107.9	104.5	102.3	101.5	112.7
Jun 2017	80.8	86.4	107.1	101.7	79.2	119.2	106.1	143.2	95.4	105.8	97.0	105.1	97.7
Jul 2017	119.0	95.1	105.8	129.4	95.0	112.1	93.1	99.3	128.8	100.2	102.7	107.2	105.4
Aug 2017	109.0	95.5	104.3	117.0	80.6	107.2	112.2	109.8	96.6	101.9	105.4	105.5	<i>103.5</i>
Sep 2017	88.1	103.5	81.6	34.4	96.1	85.0	115.6	98.8	88.0	94.5	101.7	99.9	92.9
Oct 2017	120.4	119.7	80.4	51.9	109.2	94.6	99.5	97.3	129.6	100.6	105.8	96.5	<i>103.7</i>
Nov 2017	99.4	118.5	76.2	77.3	139.1	120.8	113.4	98.7	88.9	103.1	101.6	99.2	102.0
Dec 2017	88.4	135.9	105.8	155.8	98.2	113.6	109.1	107.7	129.2	120.9	104.4	103.7	114.0
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	110.9
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	<i>111.0</i>
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	107.6
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	133.2	116.5	109.8	<i>121.2</i>
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	130.1
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	133.8
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	134.3
Feb 2020	125.3	98.3	123.3	302.5	117.6	159.5	125.0	131.6	97.7	125.7	116.2	101.6	125.5

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

:		Manufacturing of:											,
	Mining &	Food	Bevera	Textiles,	Wood &	Chemicals,	Non-metallic	Metal products,	Furniture &	Manufa	Electri	Water & waste	General
	quarryin		ges &	clothing &	paper;	rubber &	mineral	machinery &	other	cturing	city	management	Index
	g		tobacco	leather goods	printing	plastic	products	equipment	manufacturing	Total		-	
						products							
Jan 2017	74.0%	-14.1%	8.4%	191.4%	47.5%	41.9%	43.4%	46.1%	6.1%	7.6%	2.7%	10.3%	13.7%
Feb 2017	21.8%	-32.5%	-10.9%	23.1%	-4.6%	16.7%	36.8%	28.0%	-33.6%	-12.1%	4.6%	4.0%	-7.6%
Mar 2017	-10.2%	-31.3%	-2.6%	35.9%	4.8%	8.4%	12.7%	15.0%	17.0%	-10.2%	7.5%	-1.9%	-7.0%
Apr 2017	14.2%	-23.6%	3.2%	-19.5%	20.3%	40.3%	10.1%	-2.5%	-7.2%	-5.5%	5.4%	1.6%	-2.5%
May 2017	57.0%	-30.3%	-10.5%	257.0%	26.5%	65.5%	9.4%	31.1%	8.1%	-1.0%	6.4%	4.3%	8.1%
Jun 2017	-12.9%	-29.4%	-12.2%	86.6%	-33.6%	61.2%	31.1%	16.1%	-12.4%	-7.1%	7.0%	5.6%	-5.8%
Jul 2017	23.4%	-16.3%	-17.7%	133.4%	-65.1%	55.5%	8.5%	22.8%	45.8%	-7.4%	12.9%	2.6%	0.4%
Aug 2017	52.6%	-26.4%	-21.8%	111.4%	12.7%	23.4%	53.5%	2.0%	-5.8%	-10.7%	9.6%	0.4%	-0.5%
Sep 2017	16.4%	-11.7%	-18.5%	-1.9%	-24.2%	-4.9%	40.4%	10.6%	-2.8%	-5.8%	12.1%	1.9%	-1.9%
Oct 2017	75.2%	13.0%	-11.5%	7.9%	60.1%	26.1%	-1.8%	22.2%	85.8%	11.3%	10.5%	-3.7%	17.1%
Nov 2017	71.3%	16.0%	-7.5%	64.3%	57.0%	39.4%	20.2%	-0.5%	17.5%	12.1%	8.4%	4.9%	18.3%
Dec 2017	28.9%	30.0%	-12.0%	66.9%	4.8%	62.4%	7.6%	26.6%	13.4%	20.2%	7.6%	3.1%	16.8%
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%

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

		Manufacturing of:											
				Textiles,	Wood &		Non-metallic	Metal products,	Furniture &	Manufacturing		Water &	
	Mining &		Beverages	clothing &	paper;	Chemicals, rubber	mineral	machinery &	other	Total		waste	Genera
-	quarrying	Food	& tobacco	leather goods	printing	& plastic products	products	equipment	manufacturing		Electricity	management	lindex
Jan 2017	80.5	115.7	111.7	60.4	108.0	76.4	85.0	88.1	92.6	101.8	92.9	98.2	97.4
Feb 2017	81.7	112.5	110.7	61.3	107.7	77.3	87.0	89.7	89.8	100.8	93.2	98.5	96.8
Mar 2017	80.6	109.0	110.5	63.9	108.1	77.8	87.8	90.7	90.9	99.9	93.8	98.3	96.2
Apr 2017	81.3	106.8	110.7	63.2	109.1	80.0	88.5	90.5	90.4	99.5	94.2	98.4	96.0
May 2017	85.6	103.4	109.7	76.8	111.9	83.4	89.2	92.5	91.1	99.4	94.7	98.8	96.7
Jun 2017	84.6	100.4	108.5	80.7	108.6	87.2	91.3	94.2	90.0	98.7	95.2	99.2	96.2
Jul 2017	86.4	98.9	106.6	86.9	93.8	90.6	91.9	95.7	93.3	98.0	96.2	99.5	96.2
Aug 2017	89.6	96.0	104.1	92.0	94.6	92.2	95.1	95.9	92.9	97.0	97.0	99.5	96.2
Sep 2017	90.6	94.9	102.6	92.0	92.0	91.9	97.9	96.7	92.6	96.5	97.9	99.7	96.1
Oct 2017	94.9	96.0	101.7	92.3	95.4	93.5	97.8	98.2	97.6	97.4	98.7	99.4	97.3
Nov 2017	98.3	97.4	101.2	94.8	99.6	96.4	99.4	98.1	98.7	98.3	99.4	99.7	98.6
Dec 2017	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	103.7
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	106.3
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	111.2
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	113.5
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	117.0
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	117.2
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	117.2
Mar 2019	64.3 65.4	135.0 134.2	109.8	217.5 215.8	128.6 135.9	124.6 130.6	120.4 127.4	130.7 132.0	110.9 112.0	130.4 132.1	111.8 113.0	106.4 107.4	118.0 119.5
Apr 2019	67.4	134.2	112.7	218.5	142.6		130.9	134.3		132.1 133.6	113.8	107.4	
May 2019 Jun 2019	66.7	131.5	115.9 118.9	216.5 225.1	142.6	135.5 138.9	133.5	140.2	114.1 117.0	135.8	114.2	108.7	121.1 122.4
	67.6				145.7								
Jul 2019	67.6 69.4	130.0 129.1	121.2	230.5 239.9	149.7	142.8	134.0	140.0	120.3	136.4 137.0	114.8 115.4	109.1 109.7	123.3 124.2
Aug 2019		127.1	122.5		151.6	145.3	132.7	140.0	121.0	137.0 137.9			
Sep 2019 Oct 2019	72.0 77.1		123.2	239.6	150.6	148.1	131.1	142.9	122.6	137.9 138.7	116.1 116.5	109.4	124.8 125.8
Nov 2019	77.1 86.8	127.6 126.4	124.3	240.6 247.5	147.9	150.1 151.7	128.6 128.3	145.2 147.4	125.3 126.5	138.7 139.4	117.0	109.5 109.4	125.8 127.5
	86.8 91.9	126.4 124.6	125.2 127.6	247.5 261.4	147.9 148.4	151.7 154.6			126.5 129.5	139.4 140.1	117.0	109.4 109.0	127.5 129.2
Dec 2019 Jan 2020	91.9 97.8	124.6	127.6		148.4	154.6	126.6	149.1 151.4	132.9		117.8		129.2 130.6
Feb 2020	97.8 103.0	123.5	128.7	266.1 275.4	148.8	159.2	129.2 131.6	151.4	132.9	140.9 141.2	118.1	109.1 109.2	
reb zuzu	103.0	121.8	127.7	210.4	140.9	139.2	131.6	132.8	128.7	141.2	116.7	109.2	131.8

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

			Manufacturing of:									-	
				Textiles,	Wood &		Non-metallic	Metal products,	Furniture &	Manufacturing		Water &	
	Mining &		Beverages	clothing &	paper;	Chemicals, rubber	mineral	machinery &	other	Total		waste	Genera
	quarrying	Food	& tobacco	leather goods	printing	& plastic products	products	equipment	manufacturing		Electricity	management	lIndex
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													

### 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. These sources are still under development. These series should therefore be considered as experimental, and will be further developed in the coming period to improve their quality and consistency with the annual estimates.

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

RCPA	Activity	Gross Value Added (RWF, billions)	Percentage of total 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%
CG	Manufacturing of metal products, machinery & equipment	20.0	4.5%
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	4	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;				
CD	4	Manufacturing of wood & paper, printing		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	4	Mandiacturing or 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				
CL	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 metal products, machinery & equipment	RC	RC26	Manufacture of computer, electronic and optical products				
CG	4		RC	RC27	Manufacture of electrical 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				
СН	4	Furniture & other manufacturing	RC	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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