



stats sa

Department:
Statistics South Africa
REPUBLIC OF SOUTH AFRICA

Private Bag X44, Pretoria, 0001, South Africa, ISibalo House, Koch Street, Salvokop, Pretoria, 0002
www.statssa.gov.za, info@statssa.gov.za, Tel +27 12 310 8911

STATISTICAL RELEASE

P0142.1

Producer Price Index

March 2021

Embargoed until:

29 April 2021

11:30

ENQUIRIES:
Andrew Rankhumise
(012) 406 3304

FORTHCOMING ISSUE:
April 2021

EXPECTED RELEASE DATE:
27 May 2021



Contents

Key findings for March 2021	2
Final manufactured goods – headline PPI	2
Key findings for March 2021	3
Intermediate manufactured goods.....	3
Electricity and water	3
Mining	3
Agriculture, forestry and fishing.....	3
Key figures and analytical series	4
Main index numbers and annual percentage changes.....	5
Explanatory notes.....	12
Glossary	12
General information.....	13

Key findings for March 2021

Final manufactured goods – headline PPI

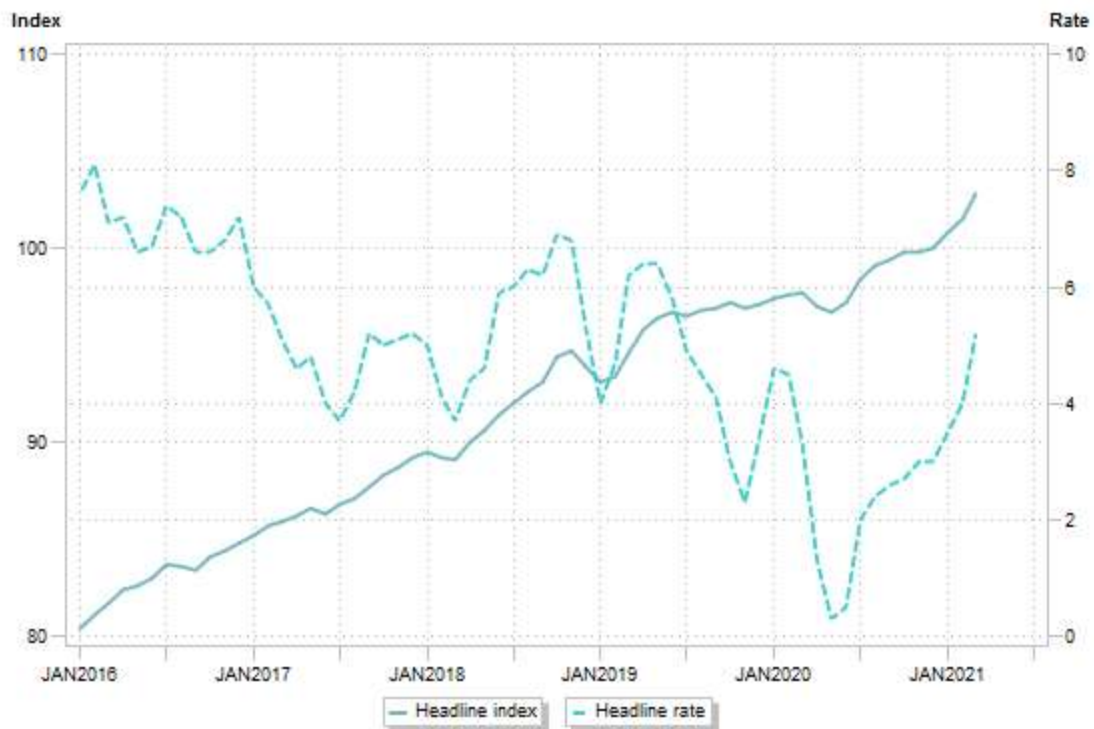
Annual producer price inflation (final manufacturing) was 5,2% in March 2021, up from 4,0% in February 2021. The producer price index increased by 1,3% month-on-month in March 2021.

The main contributors to the headline PPI annual inflation rate were food products, beverages and tobacco products; coke, petroleum, chemical, rubber and plastic products; and metals, machinery, equipment and computing equipment (Figure 1.2 on page 7).

- Food products, beverages and tobacco products increased by 6,8% year-on-year and contributed 2,4 percentage points.
- Coke, petroleum, chemical, rubber and plastic products increased by 4,2% year-on-year and contributed 0,9 of a percentage point.
- Metals, machinery, equipment and computing equipment increased by 5,2% year-on-year and contributed 0,7 of a percentage point.

The main contributors to the headline PPI monthly increase were food products, beverages and tobacco products, which increased by 1,3% month-on-month and contributed 0,5 of a percentage point; and coke, petroleum, chemical, rubber and plastic products, which increased by 2,6% month-on-month and contributed 0,5 of a percentage point (Figure 1.1 on page 7).

Figure 1 - PPI headline index numbers and year-on-year rate of change



Key findings for March 2021

Intermediate manufactured goods

The annual percentage change in the PPI for intermediate manufactured goods was 11,2% in March 2021 (compared with 9,9% in February 2021). The index increased by 1,0% month-on-month.

The main contributors to the annual rate were basic and fabricated metals (6,4 percentage points) and chemicals, rubber and plastic products (3,4 percentage points) (Figure 2.2).

The main contributors to the monthly rate were sawmilling and wood (0,5 of a percentage point) and chemicals, rubber and plastic products (0,4 of a percentage point) (Figure 2.1).

Electricity and water

The annual percentage change in the PPI for electricity and water was 7,8% in March 2021 (compared with 9,2% in February 2021). The index decreased by 1,1% month-on-month.

Electricity contributed 6,8 percentage points to the annual rate, and water contributed 1,0 percentage point (Figure 3.2).

Electricity contributed -1,1 percentage points to the monthly rate (Figure 3.1).

Mining

The annual percentage change in the PPI for mining was 14,2% in March 2021 (compared with 11,5% in February 2021). The index increased by 3,0% month-on-month.

The main contributors to the annual rate were non-ferrous metal ores (8,2 percentage points), gold and other metal ores (4,6 percentage points) and coal and gas (3,3 percentage points) (Figure 4.2).

The main contributor to the monthly rate was non-ferrous metal ores (2,8 percentage points) (Figure 4.1).

Agriculture, forestry and fishing

The annual percentage change in the PPI for agriculture, forestry and fishing was 7,2% in March 2021 (compared with 10,0% in February 2021). The index decreased by 2,3% month-on-month.

The main contributor to the annual rate was agriculture (7,9 percentage points) (Figure 5.2).

The main contributor to the monthly rate was agriculture (-2,2 percentage points) (Figure 5.1).

Risenga Maluleke
Statistician-General

Key figures and analytical series

Table A - Key figures

Product	Weight	Index (Dec 2020=100)			Percentage change	
		Mar 2020	Feb 2021	Mar 2021	Mar 2021 vs. Feb 2021	Mar 2021 vs. Mar 2020
Final manufactured goods	100,00	97,7	101,5	102,8	1,3	5,2
Intermediate manufactured goods	100,00	94,8	104,4	105,4	1,0	11,2
Electricity and water	100,00	93,4	101,8	100,7	-1,1	7,8
Mining	100,00	97,9	108,5	111,8	3,0	14,2
Agriculture, forestry and fishing	100,00	90,6	99,4	97,1	-2,3	7,2

Table B - Analytical series

Product	Weight	Index (Dec 2020=100)			Percentage change	
		Mar 2020	Feb 2021	Mar 2021	Mar 2021 vs. Feb 2021	Mar 2021 vs. Mar 2020
Final manufactured goods excluding petroleum products	91,16	96,4	100,8	101,7	0,9	5,5
Final manufactured goods excluding food	72,08	99,0	101,9	103,2	1,3	4,2
Intermediate manufactured goods excluding basic metals	81,44	96,6	103,4	104,6	1,2	8,3
Mining excluding precious metals and stones	71,71	98,7	110,8	116,4	5,1	17,9
Precious metals and stones	28,29	95,3	102,5	100,2	-2,2	5,1

Main index numbers and annual percentage changes

Table C - Main index numbers (Dec 2020=100)

Table C1 - Final manufactured goods

Year and type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	
2017	Index	85,2	85,7	85,9	86,2	86,6	86,3	86,8	87,1	87,7	88,3	88,7	89,2	87,0
	Rate	5,9	5,6	5,2	4,6	4,8	4,0	3,6	4,2	5,2	5,0	5,1	5,2	4,8
2018	Index	89,5	89,2	89,1	90,0	90,6	91,4	92,0	92,6	93,1	94,4	94,7	93,9	91,7
	Rate	5,1	4,2	3,7	4,4	4,6	5,9	6,1	6,3	6,2	6,9	6,8	5,2	5,5
2019	Index	93,1	93,4	94,6	95,8	96,4	96,7	96,5	96,8	96,9	97,2	96,9	97,1	96,0
	Rate	4,1	4,7	6,2	6,5	6,4	5,8	4,9	4,5	4,1	3,0	2,3	3,4	4,6
2020	Index	97,4	97,6	97,7	97,0	96,7	97,2	98,4	99,1	99,4	99,8	99,8	100,0	98,3
	Rate	4,6	4,5	3,3	1,2	0,4	0,5	1,9	2,4	2,5	2,7	3,0	3,0	2,6
2021	Index	100,8	101,5	102,8	..	..	..	..	..	..	..	..	..	..
	Rate	3,5	4,0	5,2	..	..	..	..	..	..	..	..	..	..

Table C2 - Intermediate manufactured goods

Year and type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	
2017	Index	88,9	89,5	90,4	89,7	89,9	89,3	88,5	88,8	88,9	90,0	90,8	90,4	89,6
	Rate	6,7	7,0	6,8	5,0	3,1	2,1	1,5	2,0	2,1	4,1	4,2	3,2	4,0
2018	Index	90,2	89,8	89,2	89,7	90,1	92,1	93,4	94,0	95,7	96,7	96,2	95,0	92,7
	Rate	1,5	0,4	-1,3	0,1	0,2	3,1	5,5	5,9	7,7	7,4	6,0	5,0	3,5
2019	Index	93,6	93,3	94,8	95,8	95,9	96,2	95,0	95,8	96,1	96,1	95,2	93,6	95,1
	Rate	3,8	3,9	6,3	6,7	6,4	4,5	1,7	1,9	0,5	-0,6	-1,1	-1,5	2,6
2020	Index	94,3	95,0	94,8	97,0	97,5	97,5	97,3	98,9	99,0	99,4	99,1	100,0	97,5
	Rate	0,7	1,8	0,0	1,3	1,7	1,4	2,4	3,2	3,0	3,5	4,1	6,8	2,5
2021	Index	102,4	104,4	105,4	..	..	..	..	..	..	..	..	..	..
	Rate	8,6	9,9	11,2	..	..	..	..	..	..	..	..	..	..

Table C3 - Electricity and water

Year and type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	
2017	Index	74,1	74,7	74,1	74,7	75,1	101,1	105,1	105,6	82,4	76,6	76,7	75,3	83,0
	Rate	10,0	9,3	10,8	5,9	6,4	6,2	3,5	2,6	6,0	3,6	4,0	3,3	5,8
2018	Index	76,3	77,3	76,7	78,3	78,5	104,5	113,3	112,5	86,4	82,3	82,3	81,2	87,5
	Rate	3,0	3,5	3,5	4,9	4,5	3,4	7,8	6,5	4,8	7,4	7,2	7,7	5,4
2019	Index	80,5	83,2	81,3	86,0	86,1	114,2	129,7	128,5	101,1	93,3	93,3	92,4	97,5
	Rate	5,5	7,5	5,9	9,8	9,8	9,3	14,5	14,3	17,1	13,4	13,4	13,8	11,4
2020	Index	91,0	93,2	93,4	99,3	98,2	130,0	140,2	137,1	105,5	100,4	100,4	100,0	107,4
	Rate	13,0	12,1	15,0	15,5	14,0	13,8	8,1	6,7	4,3	7,7	7,7	8,2	10,3
2021	Index	98,9	101,8	100,7	..	..	..	..	..	..	..	..	..	..
	Rate	8,7	9,2	7,8	..	..	..	..	..	..	..	..	..	..

Table C4 - Mining

Year and type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	
2017	Index	59,7	61,6	58,9	59,3	56,9	56,9	57,2	59,4	64,9	62,8	62,3	60,6	60,0
	Rate	10,7	12,2	6,0	5,7	-3,0	-1,5	-0,9	1,1	9,5	9,0	11,3	6,1	5,4
2018	Index	59,6	59,0	57,1	57,7	58,9	61,5	62,6	63,2	65,4	66,2	65,3	64,2	61,7
	Rate	-0,1	-4,3	-3,1	-2,6	3,5	8,0	9,6	6,3	0,9	5,6	4,8	6,0	2,9
2019	Index	64,2	65,3	68,6	69,9	69,6	70,5	72,5	77,2	75,4	78,0	78,9	79,8	72,5
	Rate	7,7	10,6	20,2	21,1	18,1	14,6	15,7	22,2	15,2	17,7	20,8	24,2	17,4
2020	Index	84,9	97,3	97,9	100,6	89,2	88,8	93,9	97,7	102,8	100,9	98,2	100,0	96,0
	Rate	32,2	49,0	42,6	43,9	28,2	26,0	29,6	26,6	36,4	29,5	24,5	25,3	32,5
2021	Index	104,3	108,5	111,8	..	..	..	..	..	..	..	..	..	..
	Rate	22,9	11,5	14,2	..	..	..	..	..	..	..	..	..	..

Table C5 - Agriculture, forestry and fishing

Year and type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	
2017	Index	87,3	88,4	85,9	86,7	86,7	86,6	88,1	87,0	88,9	91,3	94,7	95,9	89,0
	Rate	-2,9	-3,2	-4,2	-1,6	-0,5	-1,4	0,3	-0,9	2,0	4,9	6,9	6,4	0,4
2018	Index	94,9	93,4	89,2	87,0	88,9	88,6	88,8	88,7	89,7	90,0	90,4	92,2	90,2
	Rate	8,7	5,7	3,9	0,4	2,6	2,3	0,8	2,0	0,9	-1,4	-4,6	-3,9	1,4
2019	Index	92,0	91,4	88,8	87,3	86,2	86,8	87,8	86,6	86,0	88,6	89,4	91,6	88,5
	Rate	-3,0	-2,2	-0,4	0,3	-3,0	-1,9	-1,1	-2,4	-4,1	-1,6	-1,1	-0,6	-1,8
2020	Index	91,2	90,4	90,6	90,4	88,6	87,8	90,0	92,2	93,0	98,1	100,1	100,0	92,7
	Rate	-0,9	-1,1	2,0	3,5	2,8	1,1	2,5	6,5	8,1	10,8	12,0	9,1	4,7
2021	Index	101,5	99,4	97,1	..	..	..	..	..	..	..	..	..	..
	Rate	11,3	10,0	7,2	..	..	..	..	..	..	..	..	..	..

Detailed index numbers and percentage changes, and contributions

Table 1 - PPI for final manufactured goods

Product	Weight	Index (Dec 2020=100)			Percentage change	
		Mar 2020	Feb 2021	Mar 2021	Mar 2021 vs. Feb 2021	Mar 2021 vs. Mar 2020
Final manufactured goods	100,00	97,7	101,5	102,8	1,3	5,2
Food products, beverages and tobacco products	36,07	95,3	100,5	101,8	1,3	6,8
Food products	27,92	94,1	100,7	101,7	1,0	8,1
Meat, fish, fruit, vegetables, oils and fats	9,47	93,9	99,6	101,6	2,0	8,2
Meat and meat products	5,18	92,3	98,2	99,7	1,5	8,0
Fish and fish products	2,06	98,5	100,8	101,4	0,6	2,9
Fruit and vegetables	1,40	99,5	98,8	102,6	3,8	3,1
Oils and fats	0,83	85,8	107,2	112,4	4,9	31,0
Dairy products	2,67	100,2	102,9	104,7	1,7	4,5
Grain mill products, starches and starch products, and animal feeds	4,16	86,1	102,1	103,2	1,1	19,9
Grain mill products	2,63	86,4	100,0	100,6	0,6	16,4
Starches, starch products and animal feeds	1,52	85,8	105,9	107,8	1,8	25,6
Other food products	11,63	95,5	100,4	100,5	0,1	5,2
Bakery products	7,59	94,9	99,9	100,0	0,1	5,4
Sugar	1,92	93,9	102,9	102,5	-0,4	9,2
Other food	2,12	98,8	100,2	100,6	0,4	1,8
Beverages	6,99	99,6	100,0	101,8	1,8	2,2
Tobacco products	1,16	97,6	100,0	105,4	5,4	8,0
Textiles, clothing and footwear	4,98	98,2	101,4	102,1	0,7	4,0
Textiles	0,78	98,6	100,0	101,6	1,6	3,0
Clothing	3,62	99,0	101,9	101,9	0,0	2,9
Footwear	0,58	92,9	100,0	103,9	3,9	11,8
Paper and printed products	7,49	95,8	100,6	100,9	0,3	5,3
Coke, petroleum, chemical, rubber and plastic products	19,56	102,6	104,2	106,9	2,6	4,2
Coal and petroleum products	9,20	110,1	108,6	113,7	4,7	3,3
Petrol	3,11	111,7	110,1	115,4	4,8	3,3
Diesel	3,20	113,4	109,3	113,8	4,1	0,4
Other	2,90	105,1	106,4	111,9	5,2	6,5
Chemical products	7,63	96,4	99,3	100,2	0,9	3,9
Rubber and plastic products	2,72	96,8	102,7	102,7	0,0	6,1
Non-metallic mineral products	2,77	100,0	101,8	101,8	0,0	1,8
Metals, machinery, equipment and computing equipment	14,13	97,6	102,1	102,7	0,6	5,2
Structural and fabricated metal products	6,55	96,5	104,2	104,7	0,5	8,5
General and special purpose machinery	5,97	98,7	100,4	100,7	0,3	2,0
Household appliances and office machinery	1,61	96,7	99,8	102,0	2,2	5,5
Electrical machinery and communication and metering equipment	3,68	95,5	103,4	105,8	2,3	10,8
Transport equipment	9,19	97,1	99,3	99,6	0,3	2,6
Motor vehicles	3,67	90,7	99,6	100,0	0,4	10,3
Parts for transport equipment	5,53	101,5	99,1	99,4	0,3	-2,1
Furniture and other manufacturing	2,14	100,6	99,9	100,9	1,0	0,3

Figure 1.1 - Contributions to the monthly percentage change in PPI for final manufactured goods

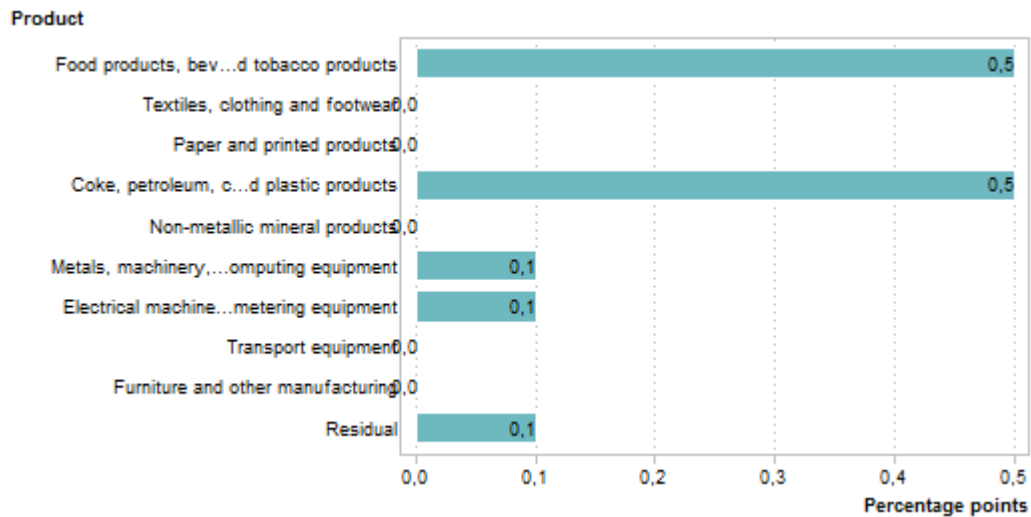


Figure 1.2 - Contributions to the annual percentage change in PPI for final manufactured goods

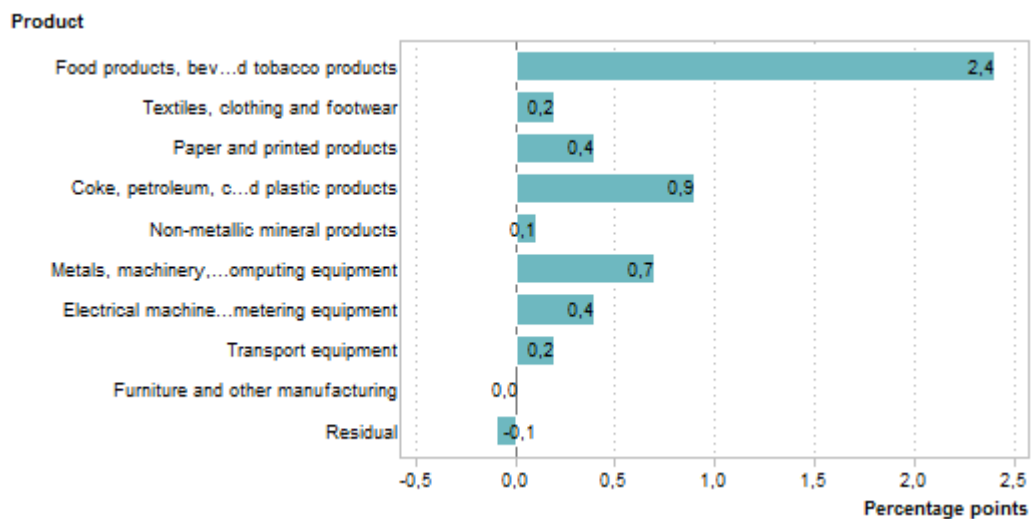


Table 2 - PPI for intermediate manufactured goods

Product	Weight	Index (Dec 2020=100)			Percentage change	
		Mar 2020	Feb 2021	Mar 2021	Mar 2021 vs. Feb 2021	Mar 2021 vs. Mar 2020
Intermediate manufactured goods	100,00	94,8	104,4	105,4	1,0	11,2
Textiles and leather goods	4,10	105,6	99,0	91,2	-7,9	-13,6
Sawmilling and wood	25,50	101,1	101,2	103,4	2,2	2,3
Chemicals, rubber and plastic products	30,65	97,0	106,0	107,4	1,3	10,7
Basic and other chemicals	13,92	103,7	111,8	112,7	0,8	8,7
Plastic products	14,54	91,4	101,2	103,2	2,0	12,9
Rubber products	2,18	93,0	101,5	101,5	0,0	9,1
Glass and glass products	3,49	91,9	99,4	99,9	0,5	8,7
Basic and fabricated metals	32,98	89,3	107,1	107,8	0,7	20,7
Basic iron and steel	18,56	87,4	109,1	108,9	-0,2	24,6
Basic precious and non-ferrous metals and castings	14,42	91,6	104,6	106,2	1,5	15,9
Recycling and manufacturing n.e.c.	3,28	84,2	99,3	103,0	3,7	22,3

Figure 2.1 - Contributions to the monthly percentage change in PPI for intermediate manufactured goods

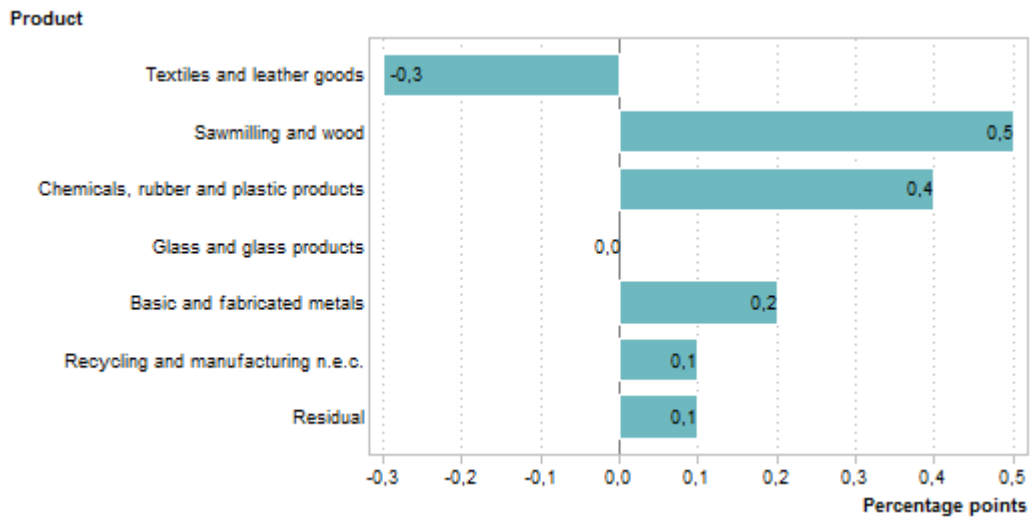


Figure 2.2 - Contributions to the annual percentage change in PPI for intermediate manufactured goods

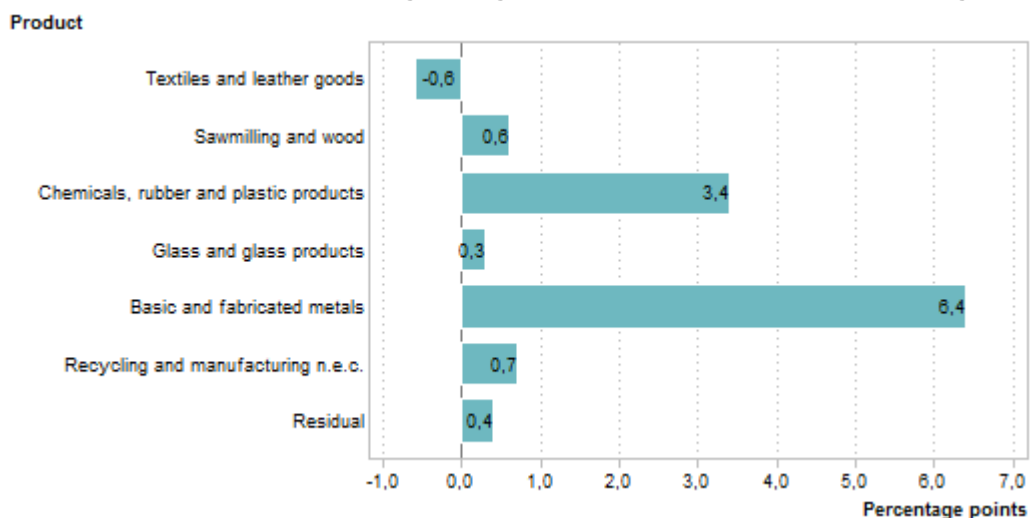


Table 3 - PPI for electricity and water

Product	Weight	Index (Dec 2020=100)			Percentage change	
		Mar 2020	Feb 2021	Mar 2021	Mar 2021 vs. Feb 2021	Mar 2021 vs. Mar 2020
Electricity and water	100,00	93,4	101,8	100,7	-1,1	7,8
Electricity	86,20	93,4	102,1	100,8	-1,3	7,9
Water	13,80	93,1	100,0	100,0	0,0	7,4

Figure 3.1 - Contributions to the monthly percentage change in PPI for electricity and water

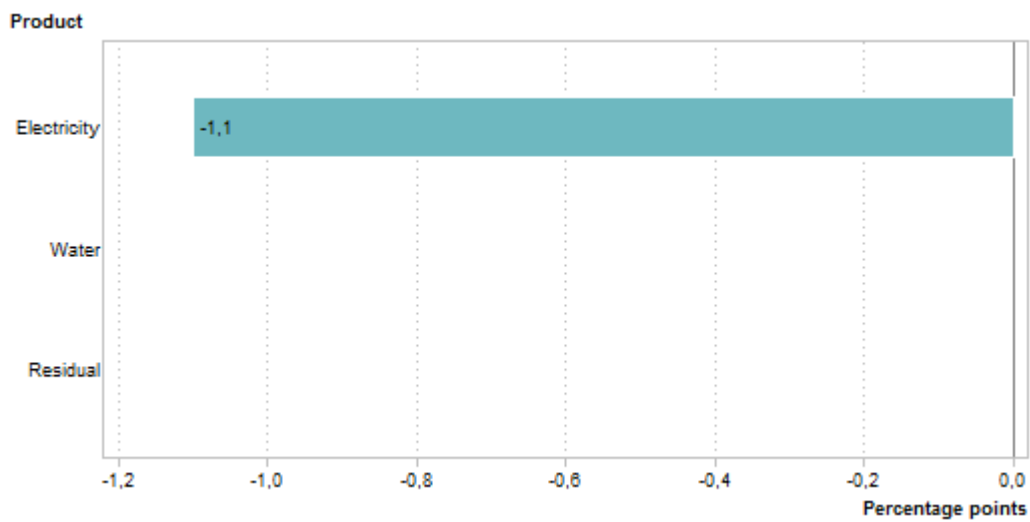


Figure 3.2 - Contributions to the annual percentage change in PPI for electricity and water

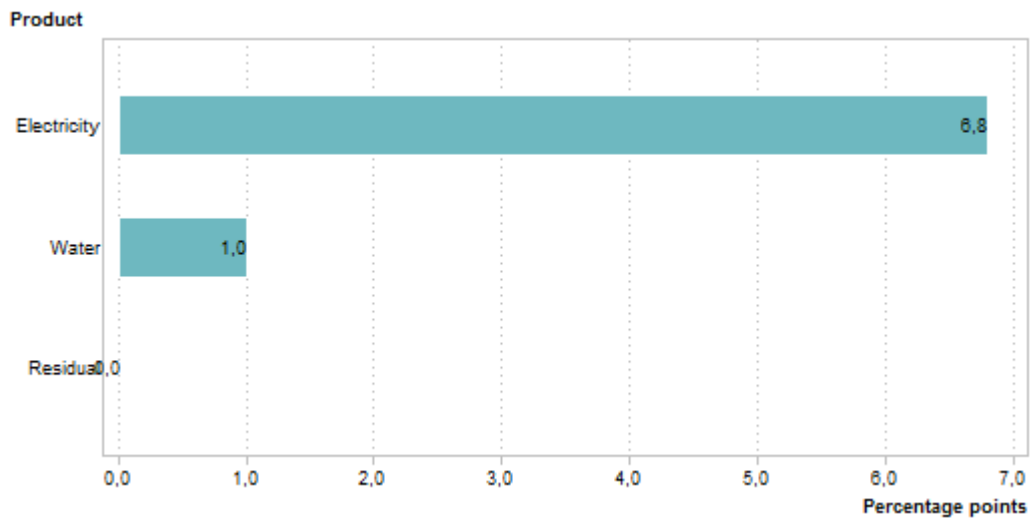


Table 4 - PPI for mining

Product	Weight	Index (Dec 2020=100)			Percentage change	
		Mar 2020	Feb 2021	Mar 2021	Mar 2021 vs. Feb 2021	Mar 2021 vs. Mar 2020
Mining	100,00	97,9	108,5	111,8	3,0	14,2
Coal and gas	28,16	92,1	100,5	103,5	3,0	12,4
Gold and other metal ores	27,28	88,8	107,4	105,4	-1,9	18,7
Non-ferrous metal ores	36,13	103,6	117,5	125,8	7,1	21,4
Stone quarrying, clay and diamonds	8,42	105,7	99,8	99,9	0,1	-5,5

Figure 4.1 - Contributions to the monthly percentage change in PPI for mining

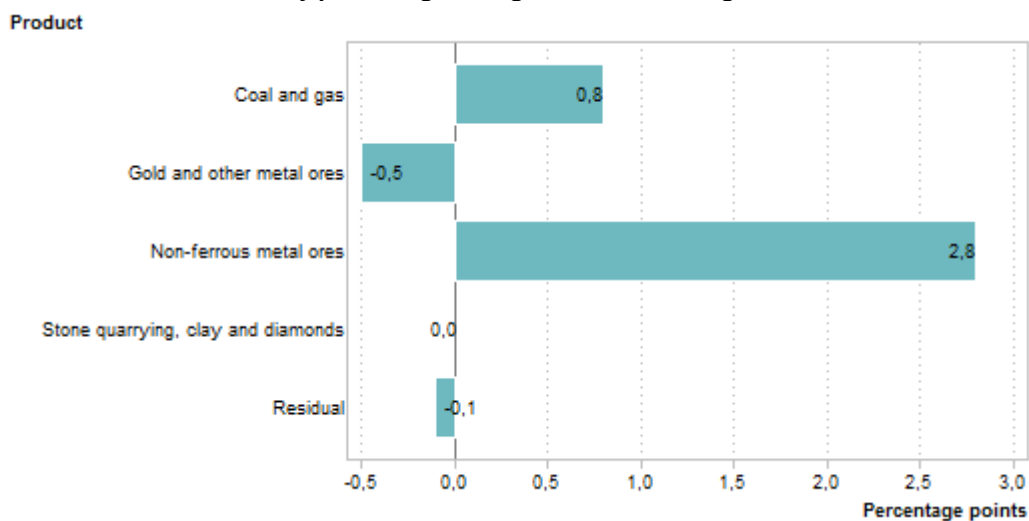


Figure 4.2 - Contributions to the annual percentage change in PPI for mining

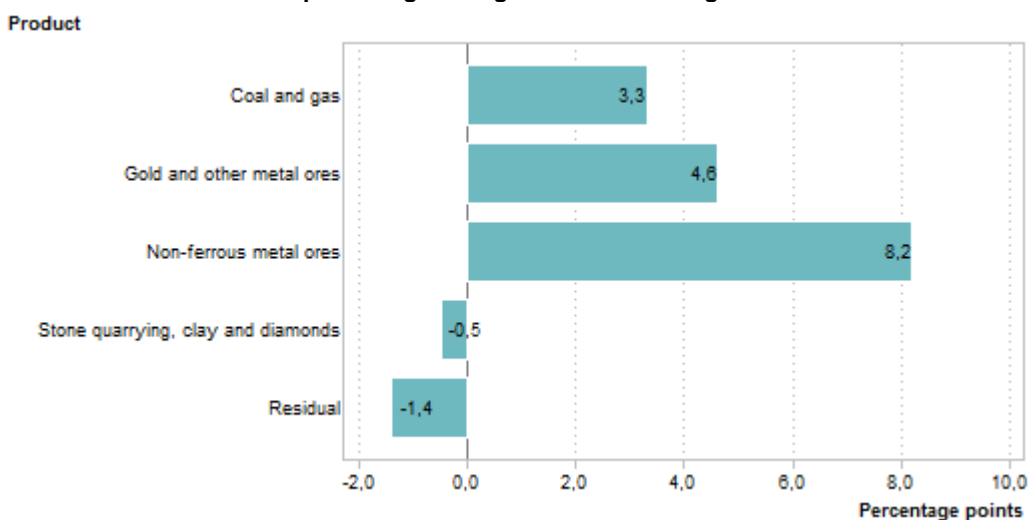


Table 5 - PPI for agriculture, forestry and fishing

Product	Weight	Index (Dec 2020=100)			Percentage change	
		Mar 2020	Feb 2021	Mar 2021	Mar 2021 vs. Feb 2021	Mar 2021 vs. Mar 2020
Agriculture, forestry and fishing	100,00	90,6	99,4	97,1	-2,3	7,2
Agriculture	86,45	88,5	99,3	96,8	-2,5	9,4
Products of crops and horticulture	45,15	87,0	99,8	95,5	-4,3	9,8
Cereals and other crops	19,43	85,8	102,5	100,6	-1,9	17,2
Fruit and vegetables	25,73	88,1	97,7	91,7	-6,1	4,1
Live animals and animal products	41,30	89,5	98,8	98,3	-0,5	9,8
Live animals	30,76	86,7	96,2	95,0	-1,2	9,6
Milk and eggs	8,85	94,7	104,7	106,6	1,8	12,6
Other animal products	1,68	118,1	113,6	115,1	1,3	-2,5
Forestry	6,75	103,7	100,0	97,4	-2,6	-6,1
Fishing	6,80	101,2	100,6	99,6	-1,0	-1,6

Figure 5.1 - Contributions to the monthly percentage change in PPI for agriculture, forestry and fishing

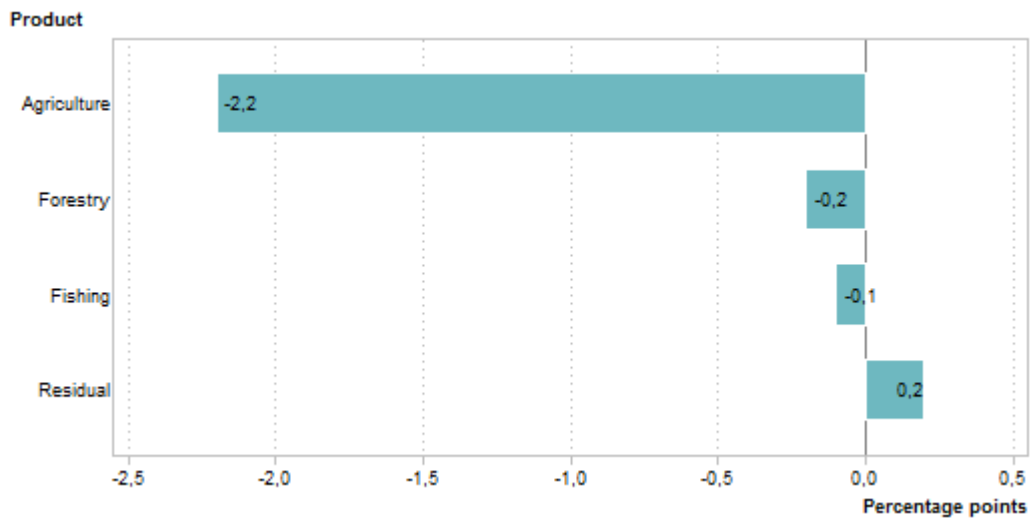
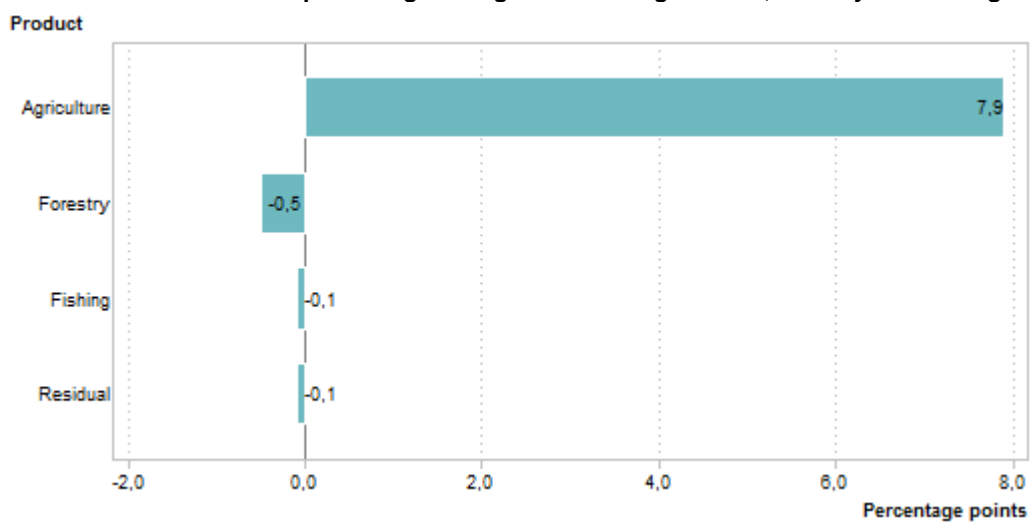


Figure 5.2 - Contributions to the annual percentage change in PPI for agriculture, forestry and fishing



Explanatory notes

Purpose and results of the survey	<p>The Producer Price Index (PPI) measures changes in the prices of locally produced commodities. A sample of producers is surveyed each month and the results of this survey are used to compile the producer price indices for final manufactured goods, intermediate manufactured goods, electricity and water, mining, and agriculture, forestry and fishing. The PPI can be used as an economic indicator of inflation, as an escalator in contracts and as a deflator in the calculation of the national accounts.</p> <p>Further information on the weighting structure, sources of information and methods of compilation of the PPI can be found in the PPI sources and methods document, available on the Stats SA website.</p>
--	---

Glossary

Producer Price Index	<p>The PPI is defined as “A measure of the change in the prices of goods either as they leave their place of production or as they enter the production process (OECD).”</p>
Contributions	<p>The monthly (annual) contribution of a specific product or group of products to the specific PPI is calculated by multiplying the weight of this product or group of products with the difference of the current index and the previous month (year) index for this product or group of products, divided by the index for the specific index, for the previous month (year).</p>
Annual inflation rate	<p>The annual inflation rate per specific PPI is the change in the specific PPI for all items of the relevant month of the current year compared with the specific PPI for all items of the same month in the previous year expressed as a percentage.</p>
Annual percentage change	<p>The annual percentage change is the change in the index of the relevant month of the current year compared with the index of the same month in the previous year expressed as a percentage.</p>
Average annual inflation rate	<p>The average annual inflation rate is the change in the average specific PPI for all items of one year compared with the average specific PPI for all items of the previous year expressed as a percentage.</p>
Average annual percentage change	<p>The average annual percentage change is the change in the average index of one year compared with the average index of the previous year expressed as a percentage.</p>
Monthly percentage change	<p>The monthly percentage change is the change in the specific PPI of the relevant month compared with the specific PPI of the previous month expressed as a percentage.</p>
Chain linking	<p>The construction of a continuous price series by multiplying together price indices that have been using different weights reference periods. The resulting index is referred to as a chained index (Practical Guide to producing Consumer Price Indices; 2009). Linking is intended to ensure that the individual indices on all levels show the correct development through time, but leads to non-additivity (IMF,2005).</p>

General information

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English only.

Stats SA has copyright on this publication. Users may apply the information as they wish, provided that they acknowledge Stats SA as the source of the basic data wherever they process, apply, utilise, publish or distribute the data; and also that they specify that the relevant application and analysis (where applicable) result from their own processing of the data.

Advance release calendar

An advance release calendar is disseminated on www.statssa.gov.za

Stats SA products

A complete set of Stats SA publications is available at the Stats SA Library and the following libraries:

National Library of South Africa, Pretoria Division
 National Library of South Africa, Cape Town Division
 Natal Society Library, Pietermaritzburg
 Library of Parliament, Cape Town
 Bloemfontein Public Library
 Johannesburg Public Library
 Eastern Cape Library Services, King William's Town
 Central Regional Library, Polokwane
 Central Reference Library, Mbombela
 Central Reference Collection, Kimberley
 Central Reference Library, Mmabatho

Stats SA also provides a subscription service.

Electronic services

A large range of data are available via on-line services, diskette and computer printouts. For more details about our electronic data services, contact (012) 310 8600/8390/8351/4892/8496/8095.

Forthcoming issues	Issue	Expected release date
	April 2021	27 May 2021
	May 2021	24 June 2021
	June 2021	29 July 2021

You can visit us on the internet at: www.statssa.gov.za

Enquiries

Telephone number: (012) 310 8600/8390/8351/4892/8496/8095 (user information services)
 (012) 406 3304 (technical enquiries – Andrew Rankhumise)
 (012) 310 8490 (library)

Email address: AndrewR@statssa.gov.za (technical enquiries)
Info@statssa.gov.za (user information services)
distribution@statssa.gov.za (orders)

Postal address: Private Bag X44, Pretoria, 0001

Produced by Stats SA