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STATISTICAL RELEASE

P0142.8

Producer Price Index (PPI) 2023 Weights

Embargoed until:
23 February 2023
11:30

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CALCULATION OF THE WEIGHTS

Industry weights

The industry weights are derived from the estimates of value added from the national accounts and are updated on an annual basis.

Product weights

The primary sources of weighting information for the PPI are large sample surveys of businesses, national accounts, and information from relevant government departments. The criterion for use is the level of detail available. In some instances supplementary data is required to select indicator products. These include administrative sources, association surveys, and customs data. The PPI manufacturing product weights and basket were updated using the 2017 manufacturing large sample survey, published in 2019. These changes were implemented with effect from the January 2021 PPI release.

Sources of weights

Industry	Industry-level weights	Product-level weights
Agriculture, forestry and fishing	National accounts 2019	<ul style="list-style-type: none"> Department of Agriculture, Land Reform and Rural Development (2020/21) Ocean (marine) fisheries and related services industry (2020) – Stats SA Forestry: Report on Commercial Timber Resources and Primary Roundwood Processing in South Africa (2018/19) – Department of Agriculture, Forestry and Fisheries
Mining	National accounts 2019	<ul style="list-style-type: none"> South African Mining Industry Annual Commodity Summary (2021) – Department of Mineral Resources and Energy
Manufacturing	National accounts 2019	<ul style="list-style-type: none"> Manufacturing large sample survey (2017) – Stats SA
Electricity and water	National accounts 2019	<ul style="list-style-type: none"> Water: Department of Water and Sanitation (2020/21)

Further information is available in the document “Producer Price Index: Methods and Sources” on the Stats SA website: https://www.statssa.gov.za/?page_id=2528

Risenga Maluleke
Statistician-General

DETAILED WEIGHTS

Table 1 - PPI for final manufactured goods

Product				Weight
Final manufactured goods				100,00
Food products, beverages and tobacco products				27,39
	Food products			16,89
		Meat, fish, fruit, vegetables, oils and fats		4,17
			Meat and meat products	2,05
			Beef carcasses	0,68
			Pork carcasses	0,11
			Lamb carcasses	0,13
			Chicken - fresh or chilled	0,10
			Frozen chicken	0,76
			Polony	0,14
			Meat burgers	0,13
			Fish and fish products	0,42
			Fresh and chilled fish	0,15
			Frozen fish	0,10
			Tinned fish	0,17
			Fruit and vegetables	1,12
			Frozen potato fries	0,14
			Canned baked beans	0,13
			Fruit juice	0,57
			Canned fruits	0,16
			Fruit concentrates	0,12
			Oils and fats	0,58
			Oilseed cake	0,07
			Vegetable oil	0,44
			Margarine	0,07
		Dairy products		1,78
			Fresh full-cream milk	0,41
			Long life full-cream milk	0,37
			Yoghurt	0,45
			Cheddar	0,38
			Ice cream	0,17
		Grain mill products, starches and starch products, and animal feeds		2,08
			Grain mill products	1,09
			Cake flour	0,17
			White bread flour	0,11
			Brown bread meal	0,05
			Maize meal and maizina	0,42
			Cereals	0,23
			Rice	0,11
			Starches, starch products and animal feeds	0,99
			Dairy cattle feeds	0,13
			Poultry feeds	0,86
		Other food products		8,86
			Bakery products	3,04
			Sweet biscuits	0,50
			White bread	1,34
			Brown bread	1,20
			Sugar	1,37
			Raw cane sugar	0,29
			Refined sugar	1,08

Table 1 - PPI for final manufactured goods (continued)

Product				Weight	
Food products, beverages and tobacco products	Food products	Other food products	Other food	4,45	
				Chips	0,57
				Nuts and nut products	0,37
				Chocolate slabs and bars	0,77
				Sweets	0,36
				Instant coffee	0,17
				Tea	0,25
				Infant food and formula	0,22
				Soups and broths, powdered	0,11
				Tomato sauce	0,17
				Mayonnaise	0,26
				Spices and condiments	0,45
				Non-dairy creamers	0,24
				Nutritional, dietary and formulated food supplements	0,51
	Beverages			8,36	
				Spirits	0,94
				White wine	0,26
				Red wine	0,31
				Spirit coolers	0,65
				Beer	3,60
			Soft drinks	2,60	
	Tobacco products		Cigarettes	2,15	
Textiles, clothing and footwear				5,95	
	Textiles			1,51	
				Linen	0,37
				Loose car seat covers	0,35
				Carpets (excl mats and rugs)	0,79
	Clothing				3,98
				Women's clothing	1,85
				Men's clothing	1,54
				Sportswear	0,13
			Protective wear	0,46	
Footwear			Footwear	0,46	
Paper and printed products				8,79	
				Paper for printing	0,25
				Packing and wrapping paper in rolls or sheets	0,55
				Sacks and bags of paper	0,34
				Cardboard boxes	2,77
				Disposable nappies for babies	0,35
				Toilet paper, tissues, napkins and other household articles of paper	0,44
				Labels/tags/stickers of paper	0,35
				Books	2,31
				Newspapers	0,12
				Magazines	0,28
				Trade advertising material and other printed material	0,62
				Printed stationery	0,41
Coke, petroleum, chemical, rubber and plastic products	Coal and petroleum products			22,70	
				12,41	
		Petrol	Petrol	4,29	
		Diesel	Diesel	4,41	
		Other			3,71
				Charcoal	0,07
				Jet fuel	0,38
				Engine oils	0,35
				LPG gasses	0,27
				Petro-chemicals and feedstocks	2,50
				Pre-mixed asphalt	0,05
	Bituminous mixtures	0,10			

Table 1 - PPI for final manufactured goods (continued)

Product				Weight
Coke, petroleum, chemical, rubber and plastic products	Chemical products			7,75
			Fertilisers	0,22
			Insecticides	0,11
			Paints	1,04
			Provitamins, vitamins, hormones and antibiotics	0,62
			Cold and flu preparations	0,16
			Anti-inflammatories	0,28
			Non-narcotic analgesics	0,23
			Antiviral and retroviral drugs	0,92
			Toilet soap	0,29
			Non soap based detergents, laundry bars and tablets	0,36
			Washing powder	0,90
			Lotions and creams	0,70
			Perfumes and deodorant	0,38
			Adhesives and sealants	0,17
			Lubricating preparations	0,13
			Prepared explosives	0,61
			Water and pool treatment chemicals	0,20
			Chemical catalyst	0,29
		Mining chemicals	0,14	
		Rubber and plastic products		2,54
			Tyres	0,96
			Vinyl chloride polymers (PVC) and copolymers	0,40
			Plastic pipes, tubes and fittings	0,33
			Plastic films for packaging purposes	0,56
			Vinyl sheeting or flooring	0,02
			Industrial mouldings of plastic	0,20
		Stationery goods of plastic	0,07	
Non-metallic mineral products				2,92
			Non-structural ceramic ware	0,20
			Refractory bricks and shapes	0,23
			Clay bricks	0,12
			Ceramic tiles	0,33
			Cement	0,79
			Ready-mix concrete	0,63
			Ceiling boards	0,00
			Roof tiles	0,15
			Cement or concrete bricks	0,22
			Concrete pipes	0,04
			Prefabricated cement and concrete components	0,21
	Metals, machinery, equipment and computing equipment	Structural and fabricated metal products		
				6,46
			Steel door and window frames	0,35
			Roof sheeting	0,58
			Reinforcing metal work	0,31
			Equipment for scaffolding, shuttering and propping	0,06
			Welded angles, shapes and sections for use in manufactured structures	0,28
			Steel pipes	0,21
			Reservoirs, tanks, vats and similar containers of iron, steel or aluminium	0,45
			Hand tools and parts thereof	0,67
			Cans	1,47
			Stoppers, lids, caps, discs and other closures	0,61
			Cloth, grill, netting and fencing, of iron or steel wire	0,26
			Nails, screws and other metal fasteners	0,49
			Wire for fencing of iron and steel	0,49
			Locks and padlocks, clasps, keys and parts thereof of base metal	0,23

Table 1 - PPI for final manufactured goods (continued)

Product			Weight		
Metals, machinery, equipment and computing equipment	General and special purpose machinery		6,93		
		Engines for motor vehicles	0,08		
		Pumps	0,54		
		Taps, cocks and valves	0,34		
		Ball or roller bearings	0,16		
		Gears and gearing	0,25		
		Lifting and handling equipment and parts thereof	0,49		
		Industrial heating and cooling systems	0,58		
		Commercial and industrial refrigerating and freezing equipment	0,57		
		Filtering or purifying machinery and apparatus (except for air or engines)	0,17		
		Filters for engines	0,24		
		Industrial ventilating fans and blowers	0,25		
		Irrigation pipe systems	0,23		
		Machine-tools and parts and accessories thereof	0,36		
		Continuous-action elevators, cutters, tunnelling, boring and sinking machinery	0,24		
		Graders and scrapers	0,01		
		Tamping machines and road rollers	0,00		
		Front-end shovel loaders, self-propelled	0,01		
		Mechanical shovels, excavators and shovel loaders	0,23		
		Dumpers designed for off-highway use	0,13		
		Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading of construction material	0,34		
		Parts of machinery for mining, quarrying and construction	0,28		
		Machinery for food, beverage and tobacco processing, and parts thereof	0,21		
		Munition, ammunition and cartridges	1,22		
			1,51		
		Household appliances and office machinery			0,18
			Fridge-freezer		0,01
	Geysers			0,27	
	Stoves and ovens			0,83	
	Assembling machines and apparatus			0,22	
				3,37	
	Electrical machinery and communication and metering equipment			0,02	
		Electric motors		0,09	
Generator sets			0,21		
Power transformers			1,05		
Electricity distribution and control equipment			0,50		
Automotive wire cables			0,20		
Steel wire armoured (SWA) cable			0,22		
Batteries			0,02		
Electronic security systems			0,04		
Communication equipment			0,01		
Television and decoders			1,01		
			1,01		
			1,01		

Table 1 - PPI for final manufactured goods (concluded)

Product				Weight
Transport equipment	Motor vehicles			9,87
				3,12
		Passenger vehicles		1,70
		Bakkies and vans not exceeding 3,5 tons		1,02
		Lorries, trucks and vans exceeding 3,5 tons		0,40
	Parts for transport equipment			6,75
		Catalytic convertors and parts thereof		2,44
		Silencers and exhaust pipes		1,42
		Suspension, brakes, clutch, mountings and parts		0,39
		Axles		0,27
		Bodies for motor vehicles and parts thereof		0,62
		Draw bar trailers		0,10
		Tipper, tanker and trailer parts		0,14
		Railway locomotives and rolling stock, and parts thereof		0,60
		Parts of aircraft		0,77
Furniture and other manufacturing			4,11	
	Furniture		0,80	
	Base sets and mattresses		0,65	
	Precious or semi-precious stones		0,55	
	Gold jewellery		0,66	
	Number plates and signs		1,45	

Table 2 - PPI for intermediate manufactured goods

Product		Weight		
Intermediate manufactured goods		100,00		
	Textiles and leather goods	Bovine tanned or dressed leather	1,71	
	Sawmilling and wood		11,99	
		Untreated logs and structural timber	1,63	
		Wood in chips or particles	2,50	
		Treated logs and structural timber	1,43	
		Boards of wood	2,76	
		Builders' carpentry of wood	3,67	
	Chemicals, rubber and plastic products		34,81	
		Basic and other chemicals		23,96
			Wood pulp	4,66
			Basic organic chemicals	12,20
			Basic inorganic chemicals	5,77
			Tanning extracts	1,33
		Plastic products		9,31
			Ethylene polymers and copolymers (PET)	0,46
			PVC and HDPE compound	1,48
			Polyester resin	0,74
			Plastic bags	2,23
			Plastic containers	4,40
		Rubber products	Conveyor belts or belting	1,54
		Glass and glass products		3,39
	Safety glass		0,87	
	Fibre glass		0,36	
	Glass containers		2,16	
	Basic and fabricated metals		42,52	
		Basic iron and steel		21,05
			Ferro-manganese	1,27
			Ferro-chromium alloy	1,58
			Semi-finished products and ingots of iron and steel	1,26
			Flat rolled non-alloy steel products	5,52
			Flat rolled stainless steel products	6,70
			Bars and rods of iron or steel	2,49
			Angles, shapes, sections and similar products of iron or steel	1,39
			Wire of iron or non-alloy steel	0,84
			Basic precious and non-ferrous metals and castings	
		Silver in powder form		0,85
		Unwrought or semi-manufactured gold		8,11
		Unwrought or semi-manufactured platinum		6,46
		Unwrought aluminium		0,18
		Tubes, pipes and tube or pipe fittings, of copper		1,17
		Aluminium products		1,23
		Manganese metal (electrolytic manganese)		3,47
	Recycling and manufacturing n.e.c.		5,58	
		Metal waste and scrap	3,58	
		Recycling of non-metal waste and scrap	2,00	

Table 3 - PPI for electricity and water

Product		Weight	
Electricity and water		100,00	
	Electricity	84,17	
	Water		15,83
		Processed water	11,10
		Raw water	4,73

Table 4 - PPI for mining

Product		Weight	
Mining		100,00	
	Coal and gas		24,90
		Coal	23,62
		Natural gas	0,25
		Natural gas condensate	1,03
	Gold and other metal ores		26,77
		Gold	13,38
		Haematite	13,39
	Non-ferrous metal ores		42,45
		Chromite	3,62
		Metallic copper	0,63
		Nickel	5,26
		Platinum	5,13
		Rhodium	12,46
		Palladium	6,35
		Metallurgical manganese	5,69
		Zircon	3,31
		Stone quarrying, clay and diamonds	
	Granite		0,12
	Aggregate stones		2,73
	Sand		0,37
	Andalusite		0,06
	Phosphate concentrate		0,40
	Gem diamonds		0,97
	Industrial diamonds		1,23

Table 5 - PPI for agriculture, forestry and fishing

Product				Weight
Agriculture, forestry and fishing	Agriculture			100,00
				84,38
		Products of crops and horticulture		48,90
		Cereals and other crops		24,36
		Wheat		2,77
		Maize		13,35
		Soybeans		3,73
		Sunflower seed		1,54
		Sugar cane		2,97
		Fruit and vegetables		24,54
		Tomatoes		1,58
		Onions		1,23
		Bananas		0,76
		Lemons		2,03
		Oranges		4,09
		Grapes		5,66
		Apples		3,09
		Pears		1,10
		Potatoes		5,00
		Live animals and animal products		35,48
		Live animals		26,53
		Cattle		10,04
		Sheep		2,20
		Pigs		1,95
		Poultry		12,34
		Milk and eggs		7,72
		Raw milk		4,95
		Eggs		2,77
	Other animal products	Wool	1,23	
	Forestry		5,19	
		Sawn and planted timber - softwood	4,27	
	Sawn and planted timber - hardwood	0,92		
Fishing		10,43		
	Hake	4,35		
	Small pelagic (e.g. anchovies and pilchards)	2,37		
	Rock lobster	1,12		
	Squid	2,59		

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