



TRADE & INDUSTRIAL POLICY STRATEGIES

IMPORTS LOCALISATION AND SUPPLY CHAIN DISRUPTION STUDY: THIRD QUARTER 2023

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March 2024

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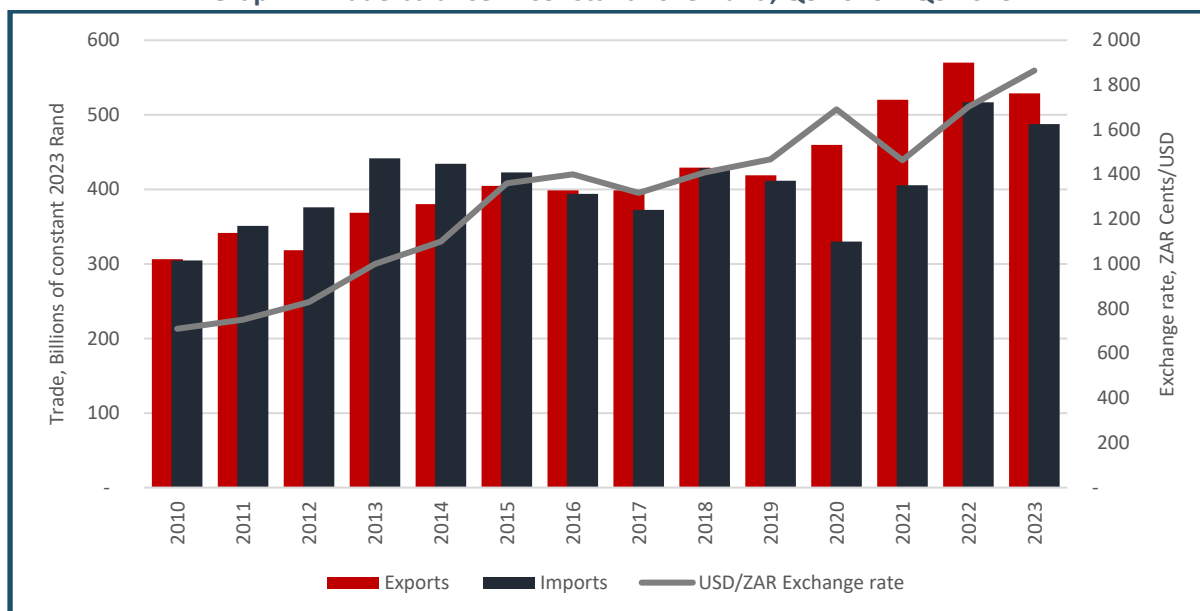
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SECTION 1: TRADE ANALYSIS

South Africa had a R41 billion trade surplus in the third quarter of 2023, lower than the R53 billion in the third quarter of 2022, but more than the R10 billion in the second quarter of the year. Both exports and imports declined in the year to the third quarter of 2023, with exports declining by R41 billion to R29 billion and imports falling by R29 billion to R487 billion in this period (see Graph 1).

Graph 1: Trade balance in constant 2023 Rand, Q3 2010 – Q3 2023



Source: Trade data from South African Revenue Service (SARS) monthly merchandise trade statistics. Downloaded from <https://www.sars.gov.za/> in December 2023. Exchange rate data from South African Reserve Bank (SARB). *Note:* Rebased, using CPI data from StatsSA, to the third quarter of 2023.

Diesel imports continued their downward trajectory in the third quarter of 2023, falling to R42.1 billion from R52.4 billion in the third quarter of 2022. In this period, imported volumes decreased by 32% to 2.1 billion litres. Similarly, petrol imports declined, from R24.2 billion to R12.7 billion in the year to the third quarter of 2023, with volumes declining by 61% to 615 million litres. The decline in exports was largely driven by a R42.2 billion decline in bituminous coal exports. Exports fell to R24.7 billion in the year to the third quarter of 2023, with exported volumes declining by 39% to 10 billion kilograms.

The imports value from the top five sources (China, the United States, Germany, India and the United Arab Emirates) declined by R4.9 to R237.5 billion in the year to the third quarter of 2023. Much of the decline was due to a R9 billion decrease in imports from China, resulting from a decline in smartphone imports, among other products. Additional to a decline in Chinese imports, imports from India and the UAE declined by a combined R8.8 billion, due to a decline in diesel and other petroleum imports from these countries.

Exports to the top five destinations (excluding Mozambique) declined – by R26 billion – between the third quarters of 2022 and 2023. Unwrought rhodium and semi-manufactured rhodium were the main drivers of the export decline to the US, Japan and the United Kingdom (UK), with precious metal ores and ferro-chromium exports driving the fall in exports to Germany and China respectively.

SECTION 2: PRODUCT ANALYSIS¹

Product 1: Parts and accessories for tractors, motor vehicles for transport of 10 or more persons

Parts and accessories, for tractors, motor vehicles for the transport of 10 or more persons, motor cars, and goods and special purpose vehicles: Other (HS 87089990) are automotive parts with differing purposes. They are used at vehicle assembly, or in the maintenance of vehicles, including tractors and passenger vehicles such as buses and minibus taxis. These components exclude major product groups like brakes and related parts, gear boxes and related parts, drive-axles, and seat belts for instance. Most likely, this group of parts includes products like fan belts, joints, and control arms. Imports amounted to R1.8 billion in the third quarter of 2023, with some 9.3 million kilograms imported (See Table 1).

Table 1: Product key data – parts and accessories for tractors, motor vehicles for transport of 10 or more persons, Q3 2023

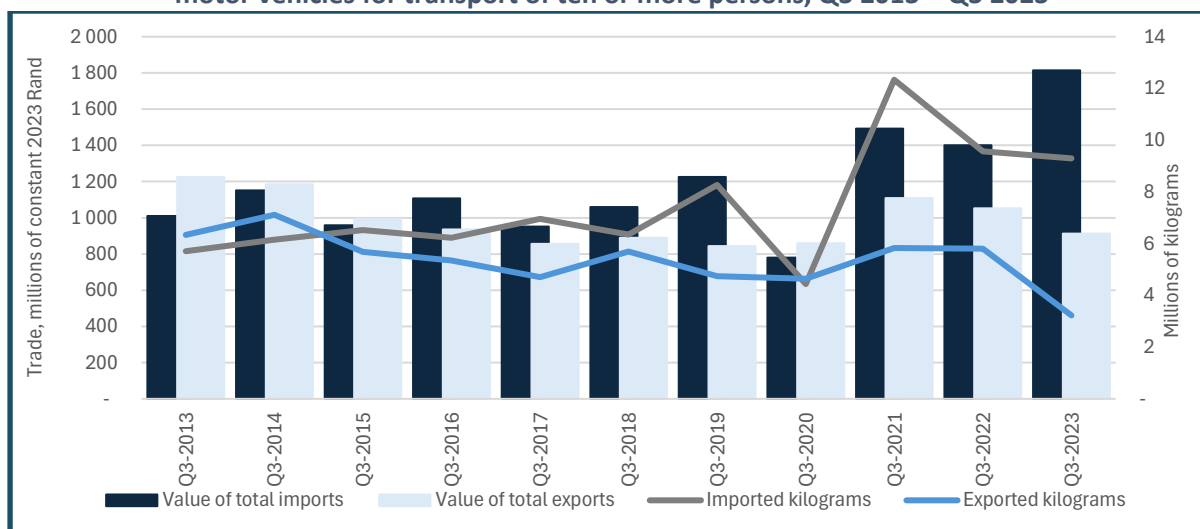
KEY DATA	NOT PREVIOUSLY MADE IN SOUTH AFRICA	PREVIOUSLY MADE BUT CANNOT COMPETE IN THE FACE OF LOW-COST COMPETITOR	CURRENTLY MADE IN SOUTH AFRICA AND IMPORTS INCREASING OVER TIME
Rank in Top 200 imports by Rand value			36th
Rand value of imports			R1.8 billion
Rank in Top 50 imports by quantity			N/A
Quantity of imports			9.3 million kilograms
Capital, intermediate or consumer good			Intermediate good
If intermediate good; what value chain?			Automotive
Good for final consumption (yes/no)			Yes
Designation status			Not designated

South Africa has been a net importer of these parts and accessories since the third quarter of 2016, with sporadic periods of net exports (in volumes). Imported volumes have grown at higher rates than exports, with imported volumes growing by 63% to 9.3 million kilograms in the third quarter of 2023 from 5.7 million kilograms in the third quarter of 2013. In contrast, exports declined by 49%, from 6.3 million kilograms in 2013 to 3.2 million kilograms in 2023. Even with sporadic quarterly increases, exports have been on a downward trajectory.

Germany is the largest single source of imports, accounting for, on average, about 35% of total imports between the third quarters of 2013 and 2023. Germany is followed by China, which supplied an average 13% of total imported volumes over this same period. Botswana, Namibia, Australia and Germany are the top export destinations for South African exports, averaging about 37% of total exported volumes in the period between the third quarters of 2013 and 2023.

¹ The written analysis more often than not focuses on the period between 2013 and 2020 because SARS did not record Southern African Customs Union (SACU) trade data prior to that. The SARS note detailing the change is available at: <https://www.sars.gov.za/Media/MediaReleases/Pages/14-November-2013---Inclusion-of-new-data-in-SA-Trade-Stats.aspx>

Graph 2: South Africa's trade in parts and accessories for tractors, motor vehicles for transport of ten or more persons, Q3 2013 – Q3 2023



Source: Calculated from ITC Trade Map data. Downloaded from <https://www.trademap.org> in January 2024.

Note: Rebased, using CPI data from StatsSA, to the third quarter of 2023.

South African vehicle and components output accounted for 22%² of total manufacturing output, and just under 15% of total exports in 2022. The automotive industry employs more than 100 000 people, with the majority being in parts and accessories manufacturing (including the manufacture of motor vehicle bodies, and trailers and semi-trailers), followed by motor vehicle manufacturing.

The domestic industry is home to more than 400 component manufacturers, most of which are first-tier supplier companies. About 25% of these companies are South African owned, while the remaining 75% are mainly foreign multinationals.³ South African firms are more represented within Tier-2 and Tier-3, and mainly located in Gauteng, Eastern Cape and KwaZulu Natal, where most of the country's automotive assembly and manufacturing take place.⁴

Historically, the automotive and auto component sectors benefited from extensive industrial policy incentives. The Motor Industry Development Programme of 1995⁵ and its subsequent evolution into the Automotive Production Development Programme of 2013 for original equipment manufacturers, and the Automotive Incentive Scheme targeted components manufacturers. More recently, there is the South African Automotive Masterplan (SAAM) 2021-2035. The SAAM sets a target to develop about 500 second and third-tier local component suppliers, 25% of which should be black-owned by 2035. The Automotive Industry Transformation Fund – a R6 billion fund – has been established to support black participation within the automotive industry's supply chain, in line with targets to increase local content in South African automotive manufacturing to 60% by 2035.

Nevertheless, the manufacture and trade of these products is threatened by the European Union's implementation of a carbon border tax, which would increase the cost for South African automotive exports to that region. Plans to ban imports of internal combustion engine vehicles into the EU by 2035 will also result in the loss of a key market for locally manufactured or assembled vehicles, and therefore lead to a fall in demand for these parts, unless the South African industry is able to transition to manufacturing new energy vehicles and related components. However, there is opportunity to explore other markets that are unable to shift to electric vehicles, and still require vehicles with internal combustion engines.

² Lamprecht, N. 2021. Automotive Export Manual 2021. Pretoria: NAAMSA.

³ <https://naamsa.net/wp-content/uploads/2022/05/Automotive-Export-Manual-2022.pdf>

⁴ Who Owns Whom, 2023 Auto Component market research report.

⁵ <https://www.tips.org.za/files/561.pdf>

Product 2: Electrical lighting or visual signalling equipment for motor vehicles

Electrical lighting or visual signalling equipment for motor vehicles (HS 85122000), encompasses a range of components that enhance safety and communication on the road. These include headlights, which serve the dual purpose of illuminating the road for the driver and ensuring the vehicle's visibility to others. Positioned at the rear, taillights indicate the vehicle's presence to approaching drivers, with integrated brake lights signalling deceleration or a complete stop. In addition, there are turn signals or indicators, which communicate a driver's intention to make a turn in a particular direction, but can also be used to signal an emergency or distress. Fog lights, located on the lower part of the front, aid visibility in adverse weather conditions. Other lights included in this group include reverse and licence plate lights. This group of products ranked 182nd on the list of top 200 imports by value, at R368 million and 1.6 million units imported (see Table 2).

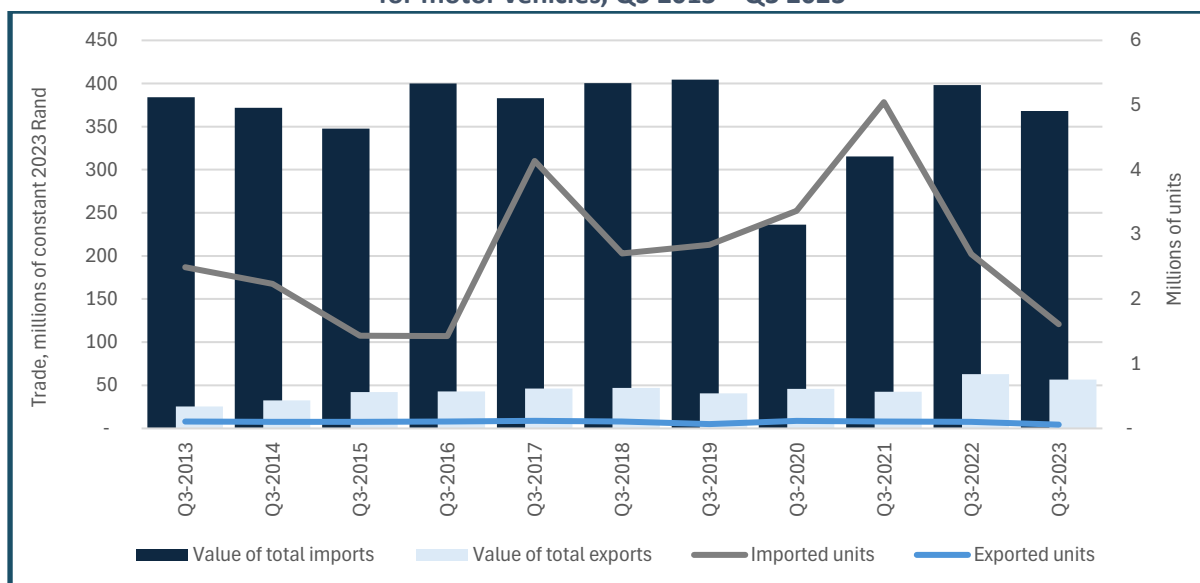
Table 2: Product key data – electrical lighting or visual signalling equipment for motor vehicles, Q3 2023

KEY DATA	NOT PREVIOUSLY MADE IN SOUTH AFRICA	PREVIOUSLY MADE BUT CANNOT COMPETE IN FACE OF LOW-COST COMPETITORS	CURRENTLY MADE IN SOUTH AFRICA AND IMPORTS INCREASING OVER TIME
Rank in Top 200 imports by Rand value			182nd
Rand value of imports			R368 million
Rank in Top 50 imports by quantity			N/A
Quantity of imports			1.6 million units
Capital, intermediate or consumer good			Intermediate good
If intermediate good; what value chain?			Automotive
Good for final consumption (yes/no)			Yes
Designation status			Not designated

Much like parts and accessories, electrical lighting or visual signalling equipment for motor vehicles form part of the automotive component industry. Data for this product is therefore aggregated into the automotive component sector data, with no way to disaggregate information on employment and value addition, for instance. These products form part of the automotive components industry, and would therefore benefit from the aforementioned industrial policy incentives. Although South Africa has an auto component manufacturing sector, the production of electrical lighting components is limited, with Metair and Lumotech (owned by Metair) standing out as notable manufacturers in this market.

The extent of local production of electrical lighting and visual signalling equipment is unclear, though production does exist for motor vehicles and trucks and trailers. South Africa is a net importer of these products, with third quarter imports averaging about 2.7 million units between 2013 and 2013 (see Graph 3). In this period, exports averaged about 99 138 units, mainly destined for countries within the continent. Germany and China are the main import sources, with much of what is exported going to Namibia and Botswana, with some portion going to Germany. The prevalence of Germany as a source of imports and as a key destination for South African exports highlights the significant ties between the two countries, with some locally-operating equipment manufacturers being subsidiaries of German automotive and parts manufacturing companies.

Graph 3: Trade in electrical lighting or visual signalling equipment for motor vehicles, Q3 2013 – Q3 2023



Source: Calculated from ITC Trade Map data. Downloaded from <https://www.trademap.org> in January 2024.

Note: Rebased, using CPI data from StatsSA, to the third quarter of 2023. Note: Data for 2015 excludes imports from Thailand and Japan (in value and quantity). Quantity data from both these countries contained clear errors that significantly distort the graph (some 170 million units were reported to have been imported from each of the countries, bringing total imported quantities to 342 million units in the third quarter of 2015, compared to the average 2.8 million units usually seen per quarter).

Product 3: Fungicides (excluding goods of subheading 3808.50): Other

Fungicides (excluding goods of subheading 380850): Other (HS 38089229) are biological or chemical substances used to control, inhibit, or kill fungi and their spores which cause diseases in plants. They are used by farmers to prevent damage to produce, which could lead to crop loss or destruction.⁶ In the third quarter of 2023, this product was ranked 190th in the Top 200 list of imported products, with imports amounting to R345.2 million and 1.6 million kilograms (see Table 3).

Table 3: Product key data – fungicides (excluding goods of subheading 380850): other, Q3 2023

KEY DATA	NOT PREVIOUSLY MADE IN SOUTH AFRICA	PREVIOUSLY MADE BUT CANNOT COMPETE IN FACE OF LOW-COST COMPETITORS	CURRENTLY MADE AND IMPORTS INCREASING OVER TIME
Rank in Top 200 imports by Rand value			190th
Rand value of imports			R345.2 million
Rank in Top 50 imports by quantity			N/A
Quantity of imports			1.6 million kilograms
Capital, intermediate or consumer good			Intermediate good
If intermediate good; what value chain?			Agriculture

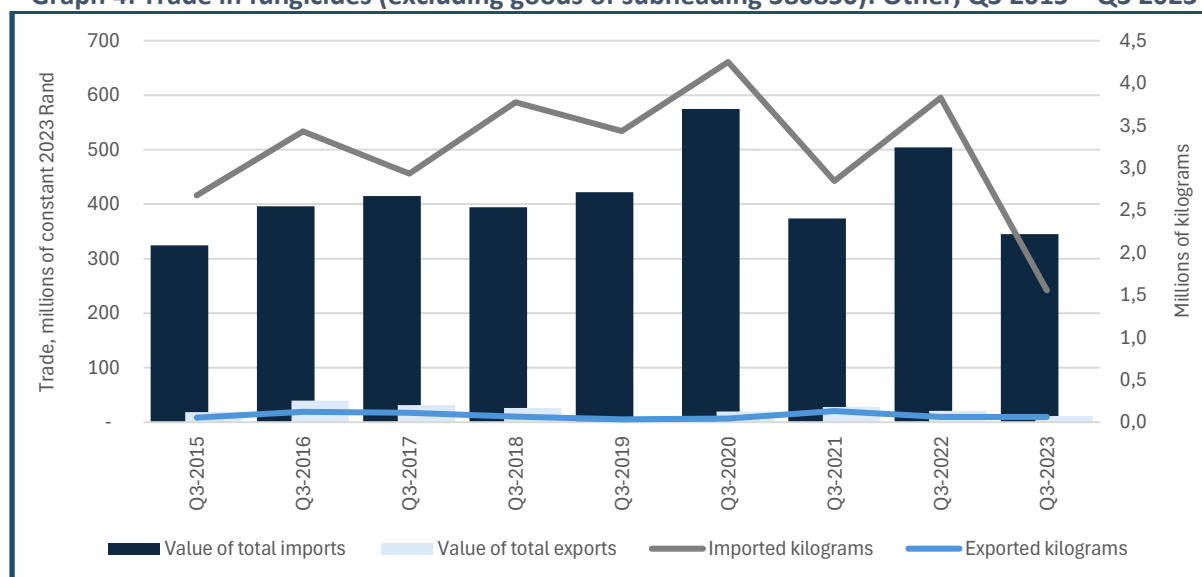
⁶ Science Direct: <https://www.sciencedirect.com/topics/earth-and-planetary-sciences/fungicide> and National Pesticides Centre: <http://npic.orst.edu/ingred/ptype/fungicide.html#:~:text=Fungicides%20are%20pesticides%20that%20kill,includin%20rusts%2C%20mildews%20and%20blights.>

KEY DATA	NOT PREVIOUSLY MADE IN SOUTH AFRICA	PREVIOUSLY MADE BUT CANNOT COMPETE IN FACE OF LOW-COST COMPETITORS	CURRENTLY MADE AND IMPORTS INCREASING OVER TIME
Good for final consumption (yes/no)			Yes
Designation status			Not designated

The broader South African pesticide industry generated R8.5 billion in manufacturing sales revenue in 2021. Of that amount, around R6 billion was from the sale of chemical crop protection substances. Herbicides accounted for 39% of sales, insecticides for 27%, along with fungicides and “other” chemical crop protection substances at 22% and 12% respectively. Notable locally-based manufacturers of fungicides include BASF South Africa, which markets agricultural products; and Bayer South Africa and Syngenta, which are involved in the research and development of pest control products and provide crop protection seeds, fungicides and insecticides, and other pesticides. Agro-Serve is another notable player which produces, wholesales and retails fungicides and other home and garden care products.⁷

South Africa is a net importer of fungicides. Third quarter imports peaked at R574.8 million in 2020 with 4.2 million kilograms imported, before declining in 2021 (see Graph 4). India is by far the largest supplier of this product, with 60% of total imported volumes in the third quarter of 2023 being from that country. This marks a notable increase in imports from India, which amounted to 19% of total volumes in 2015. The other notable import source is China, making up 10% of imported volumes in 2023, down from 18% in 2015. Notably, fungicide imports from the UK had the highest cost, at R71.6 million, for 6% of the total imported volumes. India, with the largest share of import volumes, only accounted for 16% (R55.5 million) of the value of imports in the third quarter of 2023, indicating a lower cost per kilogram for imports from India. There are virtually no imports from the rest of the continent, with only 36 kilograms imported in the third quarter of 2023, down from 2 500 kilograms in the third quarter of 2020.

Graph 4: Trade in fungicides (excluding goods of subheading 380850): Other, Q3 2015 – Q3 2023



Source: Calculated from ITC Trade Map data. Downloaded from <https://www.trademap.org> in January 2024.

Note: trade data for this HS code is available from the first quarter of 2015, hence the analysis begins in the third quarter of 2015. Note: Rebased, using CPI data from StatsSA, to the third quarter of 2023.

⁷ Who Owns Whom. The manufacture of pesticides and other agrochemicals – April 2022.

The extent of local production is unclear. However, there are exports of these products, though small. Some 62 737 kilograms were exported in the third quarter of 2023, valued at R11.3 million. Zambia is a consistent destination for South African exports of this product, growing from 17% of total exported volumes in 2015, to 44% by the third quarter of 2023. The share of exports outside the continent has been inconsistent, growing from 13% in the third quarter of 2015 to a high 62% in the third quarter of 2019, and falling to 3% of total volumes by the third quarter of 2023.

Product 4: Spirits obtained by distilling grape wine or grape marc: Brandy

Spirits obtained by distilling grape wine or grape marc: Brandy (HS 22082011) is a type of brown spirit made by distilling spirits from grain, fruit, or vegetables with a minimum alcohol volume of 20%.⁸ It is made from a base wine such as Chenin Blanc, Pinotage, and Colombard. It takes five litres of wine to produce one litre of brandy, creating an interdependent relationship between the two industries.⁹ To be considered a South African brand, a brandy must be made from local grapes, distilled, matured, and bottled in the country. There are three categories of brandy in South Africa: blended, vintage, and pot still, each with its unique production process.¹⁰

Globally, spirits obtained by distilling grape wine and grape marc (HS 220820), including brandy, had a trade value of US\$7 billion in 2022, ranked the 559th most traded product.¹¹ Locally, brandy was ranked 133rd on the Top 200 list of imports by value, amounting to R499 million in the third quarter of 2023, with 752 822 litres imported (see Table 4).

Table 4: Product key data – Spirits obtained by distilling grape wine or grape marc: Brandy, Q3 2023

KEY DATA	NOT CURRENTLY MADE IN SOUTH AFRICA	PREVIOUSLY MADE BUT CANNOT COMPETE IN FACE OF LOW-COST COMPETITORS	CURRENTLY MADE AND IMPORTS DECREASING OVER TIME
Rank in Top 200 imports by Rand value			133rd
Rand value of imports			R499 million
Rank in Top 50 imports by quantity			N/A
Quantity of imports			752 822 litres
Capital, intermediate or consumer good			Consumer good
If intermediate good; what value chain?			N/A
Good for final consumption (yes/no)			Yes
Designation status			Not designated

South Africa has more than 30 brandy producers. These include Grundheim, KWV House of Brandy and others.¹² Some of these brands have won international awards. South Africa is among the prominent global producers of brandy, producing more than 200 million litres annually.¹³ In 2022, the

⁸ <https://www.woweb.co.za/?m=Industries&p=reportinfo&id=5543&country=222&tab=6>

⁹ <https://www.accountancysa.org.za/win-the-brandy-value-chain/>

¹⁰ <https://spiritsbeacon.com/features/insight/brandy-without-borders>

¹¹ <https://oec.world/en/profile/hs/spirits-obtained-by-distilling-grape-wine-grape-marc>

¹² <https://spiritsbeacon.com/features/insight/brandy-without-borders>

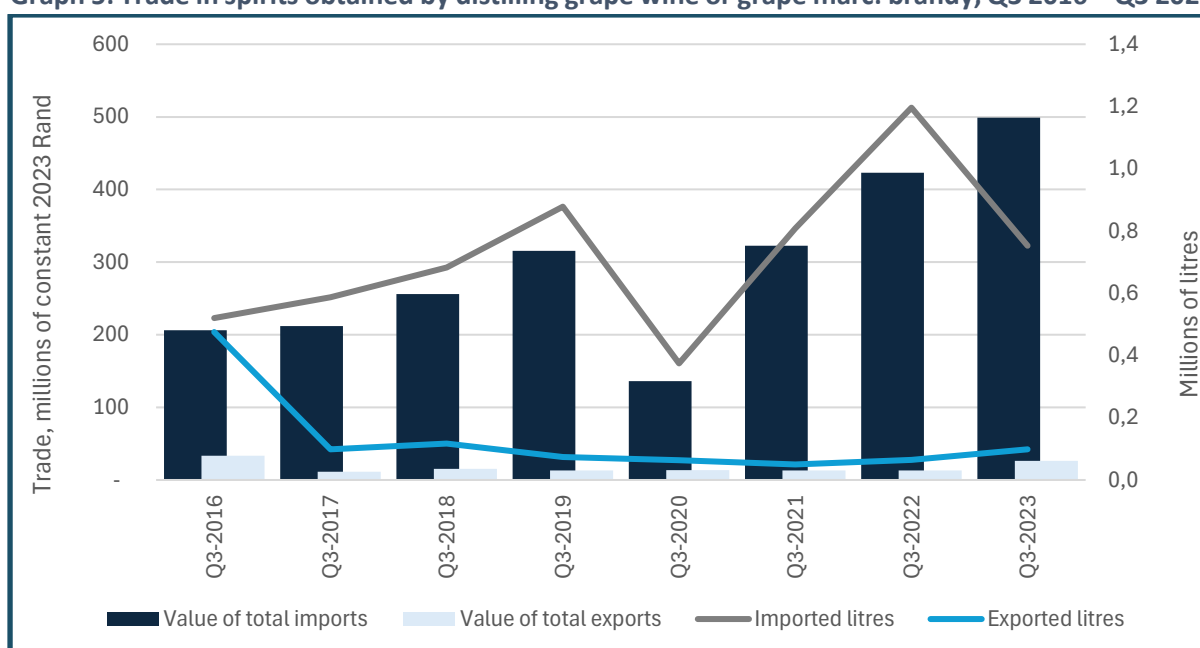
¹³ <https://mothercityliquor.co.za/blogs/mothercity-blog/why-we-love-south-african-brandy#:~:text=Today%2C%20South%20Africa%20is%20the,distilled%20in%20copper%20pot%20stills>

country produced one billion litres of wine, 4% of which was used for brandy. However, the consumption of brandy decreased by 34% between 2000 and 2021, driven by a shift in consumer preferences towards spirits like gin and whisky.

Brandy imports increased between 2016 and 2019, but declined in 2020 due to alcohol restrictions imposed due to the COVID-19 pandemic. Imports declined from R315.4 million in the third quarter of 2019 (878 382 litres) to R136 million (374 634 litres) in the third quarter of 2020. However, the post-COVID recovery saw imports exceed pre-COVID levels, peaking at 1.2 million litres, worth R423 million in the third quarter of 2022. Lower volumes were imported in the third quarter of 2023, worth a higher R499 million.

South Africa’s brandy production is largely for local consumption, with what is exported mainly going to other countries within the continent. In turn, most of what South Africa imports comes from France, which produces various brands and products including cognac, which is not made in South Africa. The imports are likely aimed at meeting consumer preference for different products, rather than to close an existing demand gap from inadequate local production. Graph 5 shows brandy trade between the third quarters of 2016 and 2023.

Graph 5: Trade in spirits obtained by distilling grape wine or grape marc: brandy, Q3 2016 – Q3 2023



Source: Calculated from ITC Trade Map data. Downloaded from <https://www.trademap.org> in January 2024.

Note: trade data for this HS code is available from the first quarter of 2016, hence the analysis begins in the third quarter of 2016. *Note:* Rebased, using CPI data from StatsSA, to the third quarter of 2023.

The brandy market faces various challenges, such as loadshedding, illegal alcohol trade, and unfavourable weather affecting grape production. Unfavourable weather conditions are a key concern particularly in wine and brandy production because they reduce the quantity and quality of grapes that can be harvested. Despite these challenges, local brandy has the potential to grow its export market, buoyed by growing international recognition, supported by research and development from institutions such as South Africa Wine. Research in this area focuses on issues like climate change, soil and water use, and quality improvements, among other areas.

Product 5: Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods containing, by weight, > 50% alumina, silica or a mixture or compound of these products

Refractory bricks, blocks, tiles, and similar refractory ceramic constructional goods containing, by weight, > 50% alumina, silica, or a mixture or compound of these products (HS 69022000) are used in the construction and industrial sectors. Refractory bricks, blocks and tiles are made of clay containing mainly alumina and silica, enabling them to bear high temperatures without the heat damaging their structure.¹⁴ They are mainly used in high-temperature production sectors like power plants, and iron and steel production, among other.¹⁵ These products also have applications in construction, where they can be used for building fireplaces and other structures that will experience high temperatures. The products were ranked 194th in the top 200 list of imports by value (see Table 5).

Table 5: Product key data – Refractory bricks, blocks, tiles, and similar refractory ceramic constructional goods, Q3 2023

KEY DATA	NOT PREVIOUSLY MADE IN SOUTH AFRICA	PREVIOUSLY MADE BUT CAN'T COMPETE IN FACE OF LOW COST COMPETITORS	CURRENTLY MADE IN SA AND IMPORTS INCREASING OVER TIME
Rank in Top 200 imports by Rand value			194th
Rand value of imports			R338.3 million
Rank in Top 50 imports by quantity			N/A
Quantity of imports			7.4 million kilograms
Capital, intermediate or consumer good			Intermediate good
If intermediate good; what value chain?			Various: construction, manufacturing, etc.
Good for final consumption (yes/no)			Yes
Designation status			Not designated

The ceramics industry is labour-intensive and does not require specialised skills.¹⁶ The key players in the ceramic industry include Ceramic Industries Ltd, Corobrik, and National Refractory Industries (Pty) Ltd, among others. Many of these manufacturers are located in Gauteng, KwaZulu-Natal, and the Western Cape, and are dominated by a large number of small- to medium-sized players.¹⁷

South Africa is a net importer of these products. Imports fluctuated over the years, reaching R94.8 million in the third quarter of 2019. Due to the COVID-19 pandemic, refractory bricks and blocks plants shut down, and imports restricted. Imports declined by 39% in the third quarter of 2020, valued at less than R58 million for 3.2 million kilograms.

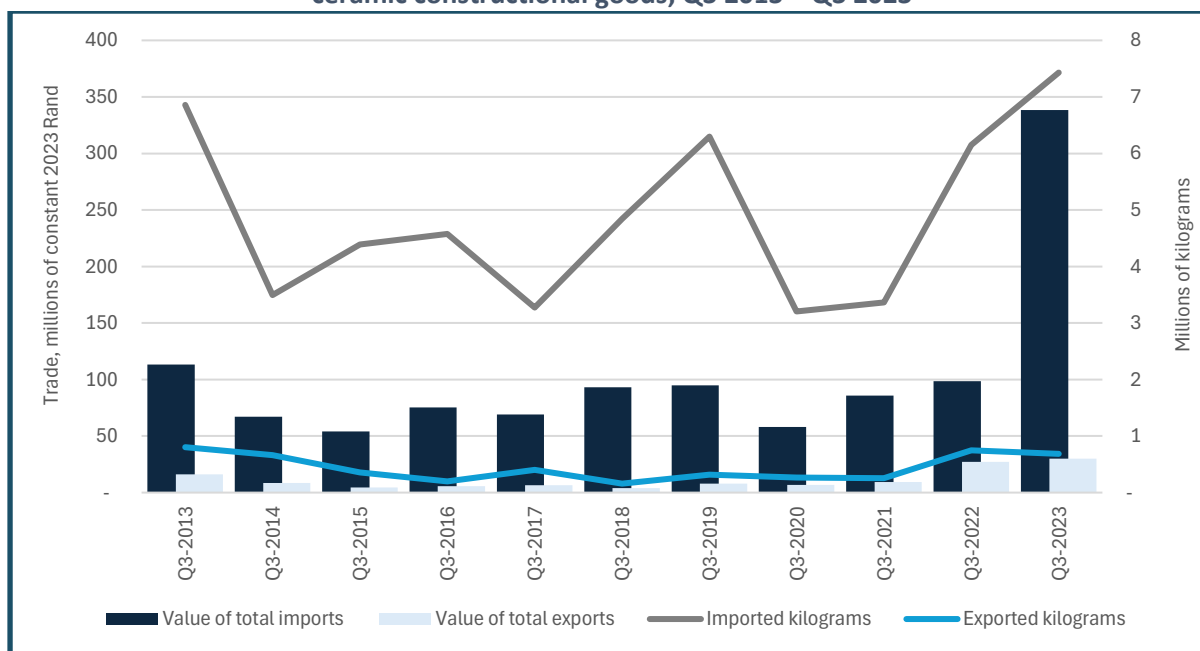
¹⁴https://www.researchgate.net/publication/348797527_Recovery_of_Raw_Materials_from_Ceramic_Waste_Materials_for_the_Refractory_Industry

¹⁵ https://eippcb.jrc.ec.europa.eu/sites/default/files/2019-11/cer_bref_0807.pdf

¹⁶ <https://www.dmr.gov.za/LinkClick.aspx?fileticket=CTcnp5LISKE%3D&portalid=0>

¹⁷ Who owns whom, 2023. Manufacture of clay and concrete bricks in South Africa

Graph 6: Trade in refractory bricks, blocks, tiles and similar refractory ceramic constructional goods, Q3 2013 – Q3 2023



Source: Calculated from ITC Trade Map data. Downloaded from <https://www.trademap.org> in January 2024.

Note: Rebased, using CPI data from StatsSA, to the third quarter of 2023.

SECTION 3: ANALYSIS OF DESIGNATED PRODUCTS

Background

This section of the report provides an analysis of designated sectors and products, an extract of which is provided in Table 6. As of 2021, there are 28 product groups and/or sectors designated by the Department of Trade, Industry and Competition (the dtic). Among others, these include the clothing, textiles, footwear and leather (CTFL) industries; cement products; steel products; some furniture products; and processed vegetables. For more useful data, particularly for trade, the designated products and sectors have been linked to their related HS codes.

To achieve this, various sources of information are used. These sources are:

- The dtic’s list of [designated products and sectors](#), which provides a slightly more detailed list of the products and sectors, along with the minimum threshold for local content;
- [Instruction notes](#) from the National Treasury notifying stakeholders of the designation of the products and sectors;
- The [tariff book](#) as provided by SARS, which provides the list of all traded goods using HS codes; and
- Trade data from [Trade Map](#), which is a consolidation of data from SARS and other sources.

Using this information, this section of the report focuses on analysing the performance of designated products and sectors in terms of changes in imports since designation. For this quarter, the analysis focuses on solar water heater components.

Table 6: Extract from list of designated products, Solar water heater components, in 2023 constant Rand

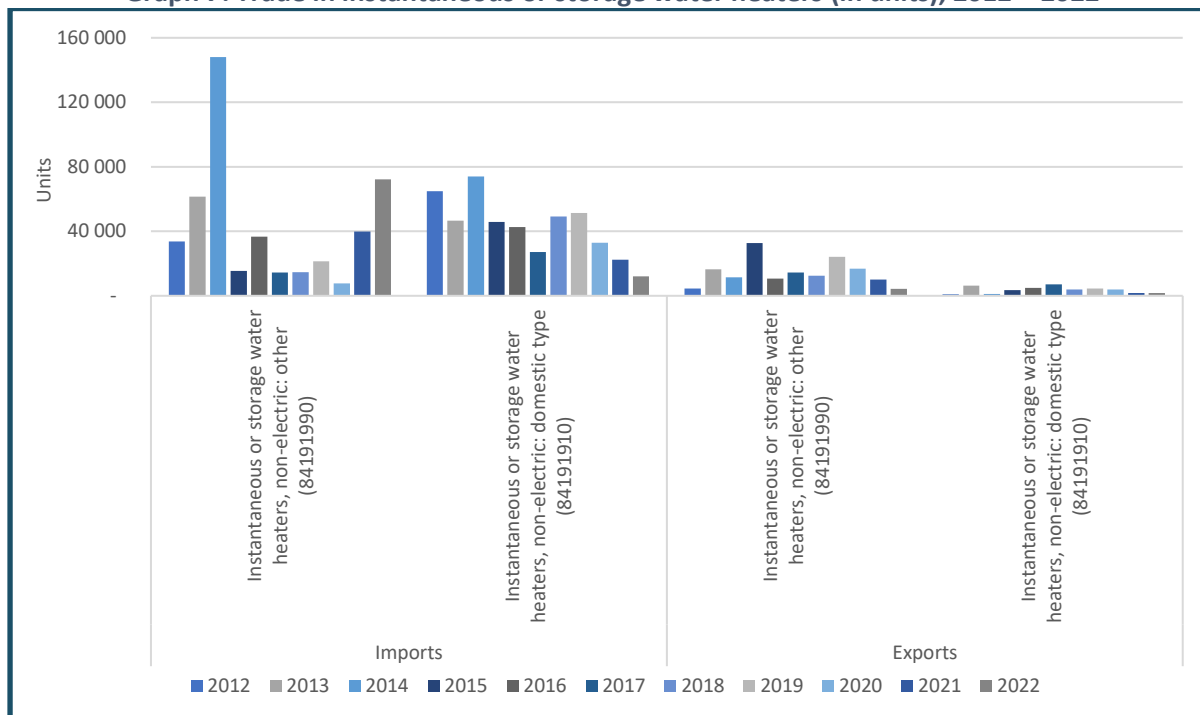
MINIMUM THRESHOLD FOR LOCAL CONTENT	HS CODE(S)	DESIGNATION DATE	IMPORTS VALUE AT DESIGNATION	2022 IMPORTS	QUANTITY OF IMPORTS AT DESIGNATION	2022 QUANTITIES
70%	84191990 84191910	July 2016	R88 million	R45.7 million	79 233 units	84 375 units

Solar water heater components

Solar water heater components – designated for local production at a minimum threshold of 70% in 2016 – are mainly used by the building installation sector, which is responsible for fitting equipment to buildings. The designated components cover storage tanks – also known as geysers, along with solar collectors – similar to solar panels, but work by converting radiative energy into usable temperature. For this report, only storage water heaters (HS 84191990 and HS 84191910), are discussed. However, trade data for these products is aggregated with instantaneous water heater storage tanks.

With the exception of 2013–2013 and 2021–2022, imports of instantaneous or storage water heaters for domestic use exceeded those for other uses, while most of what South Africa exports is mainly for other uses (see Graph 7 for traded units and Graph 8 for values). Further, South Africa is a net importer of these products, with combined imports amounting to 84 375 units, compared to 6 034 units exported in 2022. Despite ongoing efforts starting in the mid-2010s to improve energy efficiency in households by installing solar water heaters through a rebate programme run by Eskom, demand for solar water heater components from the state was sporadic at best. Early attempts to implement the programme saw installation of about 30 974 units¹⁸ between 2008 and 2010. Even with designation of these products in 2016, imports averaged 63 469 units from 2016 to 2022.

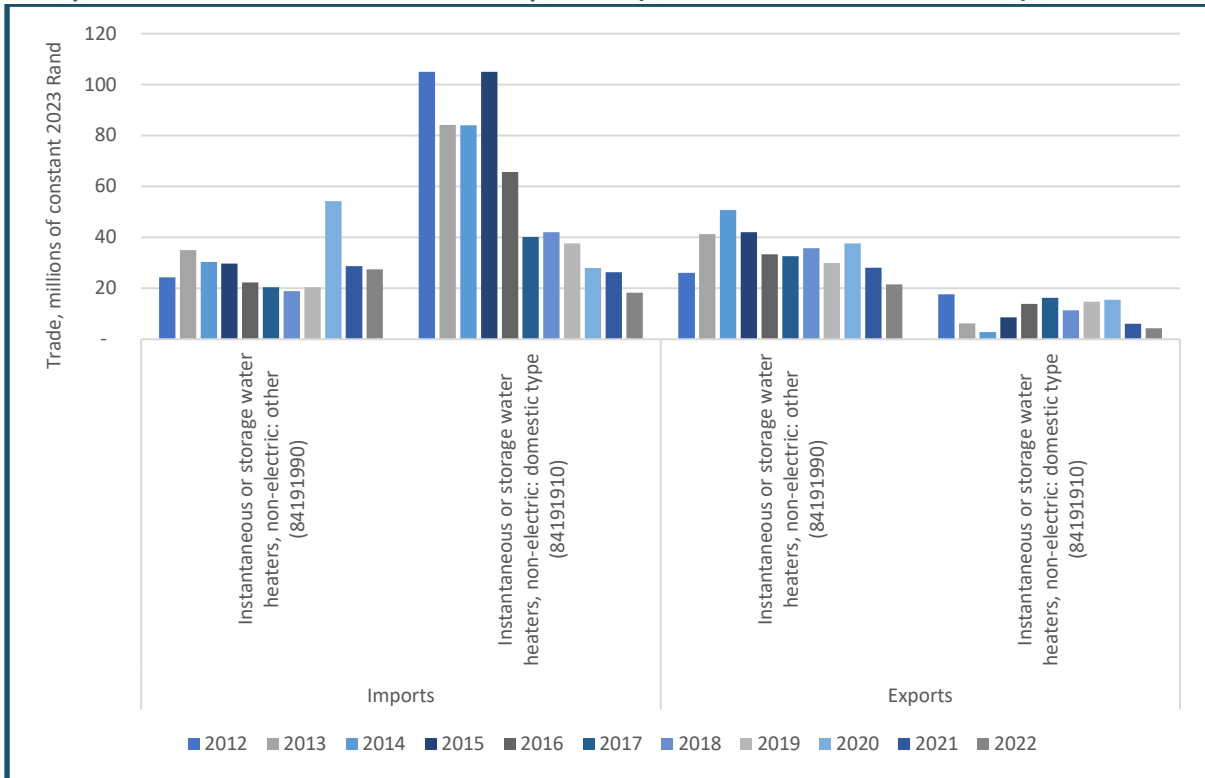
Graph 7: Trade in instantaneous or storage water heaters (in units), 2012 – 2022



Source: Calculated from ITC Trade Map data. Downloaded from <https://www.trademap.org> in January 2024.

¹⁸ https://www.energy.gov.za/files/swh_frame.html#:~:text=The%20government's%20solar%20water%20heating,.eskom.co.za.

Graph 8: Trade in solar water heater components (millions of constant 2023 Rand), 2012 – 2022



Source: Calculated from ITC Trade Map data. Downloaded from <https://www.trademap.org> in January 2024.

Note: Rebased, using CPI data from StatsSA, to the third quarter of 2023.

ANNEXURE 1: TOP 200 IMPORT PRODUCTS BY RAND VALUE, Q3 2023

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
1	27101230	Diesel	42.07	No change	Not designated
2	98010030	Automotive components: For motor cars	21.22	1	Not designated
3	27090000	Crude oil	16.71	1	Not designated
4	98010040	Original equipment components: For goods vehicles	16.17	1	Not designated
5	27101202	Light oils and preparations: Petrol	12.69	-3	Not designated
6	49070014	Foreign currency, in circulation, imported	8.65	2	Not designated
7	85076000	Lithium-ion accumulators (excluding spent)	7.16	10	Not designated
8	85171310	Smartphones for wireless networks	6.02	-2	Not designated
9	30049099	Medicaments consisting of mixed or unmixed products for therapeutic or prophylactic purposes	6.02	No change	Not designated
10	98010045	Original equipment components: For goods vehicles	5.25	1	Not designated
11	87032290	Cars and related vehicles: Cylinder capacity 1 000 cm ³ to 1 500 cm ³	5.01	-4	Not designated
12	85414300	Photovoltaic cells assembled in modules or made up into panels	4.51	24	Solar PV components 70% designated
13	85176290	Routers and set-top boxes: Other	4.38	No change	Routers not designated; STB 30% designated
14	85044000	Static converters	4.12	7	Not designated
15	10019900	Wheat and meslin (excluding seed for sowing, and durum wheat)	3.86	3	Not designated
16	27101226	Light oils and preparations: illuminating kerosene	3.72	4	Not designated
17	87032390	Cars and related vehicles: cylinder capacity 1 500 cm ³ to 3 000 cm ³	3.67	-3	Not designated
18	84713090	Data-processing machines, automatic, portable, weighing <= 10 kg	3.55	-6	Not designated
19	31021000	Urea, whether or not in aqueous solution	3.25	-3	Not designated
20	10063000	Semi-milled or wholly milled rice, whether or not polished or glazed	2.78	10	Not designated
21	71081300	Gold, in semi-manufactured forms, for non-monetary purposes	2.77	12	Not designated
22	84295200	Self-propelled bulldozers, etc: With 360 degree revolving superstructure	2.68	17	Not designated
23	71023100	Non-industrial diamonds unworked or simply sawn, cleaved or bruted	2.48	-4	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
24	87033290	Cars and related vehicles: Cylinder capacity 1 000 cm3 to 2 500 cm3	2.48	30	Not designated
25	87033390	Cars and related vehicles: Cylinder capacity exceeding 2 500 cm3	2.34	7	Not designated
26	15119090	Palm oil and its fractions, whether or not refined	2.20	-11	Not designated
27	28182000	Aluminium oxide (excluding artificial corundum)	2.19	No change	Not designated
28	87041090	Dumpers for off-highway use: Other	2.19	12	Not designated
29	87032190	Cars and related vehicles: Cylinder capacity not exceeding 1 000 cm3	2.05	-4	Not designated
30	33021000	Mixtures of odoriferous substances and mixtures, including alcoholic solutions of a kind used in the food and drink industries	2.03	-2	Not designated
31	90189000	Instruments and appliances used in medical, surgical or veterinary sciences, n.e.s.	2.03	3	Not designated
32	74081100	Wire of refined copper, with a maximum cross-sectional dimension of > 6 mm	1.93	27	Not designated
33	27160000	Electrical energy	1.88	19	Not designated
34	27101235	Light oils and preparations: Residual fuels	1.87	-24	Not designated
35	27111100	Natural gas, liquefied	1.85	-4	Not designated
36	87089990	Parts and accessories for tractors and buses	1.82	8	Not designated
37	84715000	Processing units for automatic data-processing machines	1.80	-14	Not designated
38	84314990	Parts of machinery of heading 8426, 8429 and 8430, n.e.s.: Other	1.73	-9	Not designated
39	87082900	Parts and accessories of bodies for tractors and goods and passenger vehicles	1.57	8	Not designated
40	27040000	Coke and semi-coke of coal, of lignite or of peat, whether or not agglomerated	1.51	-18	Not designated
41	38249999	Chemical products and preparations of the chemical or allied industries	1.48	2	Not designated
42	88024000	Aeroplanes and other powered aircraft of an of an unladen weight > 15000 kg	1.45	26	Not designated
43	87019500	Tractors, of an engine power > 130 kw	1.43	37	Not designated
44	27101207	Light oils and preparations: Aviation kerosene	1.42	-18	Not designated
45	27011900	Coal, whether or not pulverised, non-agglomerated (excluding anthracite and bituminous)	1.35	-8	Not designated
46	31042000	Potassium chloride	1.32	-5	Not designated
47	98010015	Automotive components: for tractors and buses	1.32	-9	Not designated
48	27101257	Light oils and preparations: Other base oils	1.29	-24	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
49	84089090	Compression-ignition internal combustion piston "diesel or semi-diesel engine": Other	1.27	22	Not designated
50	84439900	Parts and accessories of printers, copying machines and facsimile machines, n.e.s.	1.25	-2	Not designated
51	98010025	Original equipment components: for buses and taxis	1.20	142	Bus bodies 80% designated
52	38221900	Prepared diagnostic or laboratory reagents whether or not on a backing	1.09	6	Not designated
53	87032490	Cars and related vehicles: cylinder capacity exceeding 3 000 cm ³	1.07	-3	Not designated
54	85023100	Generating sets: wind-powered	1.05	4591	Not designated
55	17011300	Raw cane sugar, in solid form, not containing added flavouring or colouring matter	1.02	15	Not designated
56	74031100	Copper, refined, in the form of cathodes and sections of cathodes	1.01	20	Not designated
57	94019990	Parts of seats, not of wood, n.e.s.: Other	1.00	28	Not designated
58	88073000	Parts of aeroplanes, helicopters or unmanned aircraft, n.e.s. (excluding those for gliders)	0.97	33	Not designated
59	15121190	Crude sunflower-seed or safflower oil: other	0.97	-3	Not designated
60	38089399	Herbicides, anti-sprouting products and plant-growth regulators	0.96	-25	Not designated
61	39269090	Articles of plastics and articles of other materials of heading 3901 to 3914, n.e.s.: Other	0.95	4	Plastic wheelie bins 100% designated
62	39012000	Polyethylene with a specific gravity of >= 0,94, in primary forms	0.93	7	Not designated
63	85443000	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	0.93	39	Not designated
64	84223000	Machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; machinery for aerating beverages	0.92	121	Not designated
65	87019400	Tractors, of an engine power > 75 kw but <= 130 kw (excluding those of heading 8709, pedestrian-controlled tractors, road tractors for semi-trailers and track-laying tractors)	0.91	23	Not designated
66	61091000	T-shirts, singlets and other vests of cotton, knitted or crocheted	0.90	-5	100% designated
67	88023000	Aeroplanes and other aircraft, of an unladen mass exceeding 2 000 kg but not exceeding 15 000 kg	0.90	168	Not designated
68	30021500	Immunological products, put up in measured doses, or in forms or packings for retail	0.87	10	Not designated
69	85371090	Boards, cabinets and similar combinations of apparatus for electric control or the distribution of electricity, for a voltage <= 1.000 V: Other	0.84	41	Insulated MV Switchgear housing 25% designated
70	22083010	Whiskies: in containers holding 2 li or less	0.83	12	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
71	85177900	Parts of telephone sets, telephones for cellular networks or for other wireless networks	0.81	-8	Not designated
72	27131200	Petroleum coke, calcined	0.80	-10	Not designated
73	84291100	Self-propelled bulldozers and angledozers, track laying	0.80	54	Not designated
74	84798990	Machines and mechanical appliances, n.e.s.: Other	0.79	37	Not designated
75	72104990	Flat-rolled products of iron or non-alloy steel, of a width of >= 600 mm, hot or cold-rolled	0.79	14	100% designated
76	27101215	Light oils and preparations: Illuminating kerosene	0.78	-30	Not designated
77	87085085	Drive-axles with differential, whether or not provided with other transmission components	0.77	79	Not designated
78	72254000	Flat-rolled products of alloy steel other than stainless, of a width of >= 600 mm, not further worked than hot-rolled, not in coils (excluding products of silicon-electrical steel)	0.76	88	100% designated
79	87012120	Road tractors for semi-trailers, with only compression-ignition internal combustion piston engine: of a vehicle mass exceeding 1 600 kg	0.75	104	Not designated
80	27101900	Medium oils and preparations, of petroleum or bituminous minerals, not containing biodiesel, n.e.s.	0.75	-29	Not designated
81	38112100	Prepared additives for oil lubricants containing petroleum oil or bituminous mineral oil	0.74	6	Not designated
82	64029990	Footwear with outer soles and uppers of rubber or plastics: Other	0.73	-27	100% designated
83	27132000	Petroleum bitumen	0.72	51	Not designated
84	27111200	Propane, liquefied	0.72	-18	Not designated
85	40118020	New pneumatic tyres, of rubber, of a kind used on construction, mining or industrial handling vehicles and machines	0.72	-18	Not designated
86	84749000	Parts of machinery for working mineral substances of heading 8474, n.e.s.	0.71	13	Not designated
87	33049990	Beauty or make-up preparations and preparations for the care of the skin: Other	0.71	10	Not designated
88	48115990	Paper and paperboard, surface-coloured, surface-decorated or printed, coated, impregnated or covered with artificial resins or plastics, in rolls or in square or rectangular sheets, of any size (excluding bleached and weighing > 150 g/m ² , and adhesives): Other	0.70	66	Not designated
89	84717000	Storage units for automatic data-processing machines	0.70	-12	Not designated
90	87083090	Brakes and servo-brakes and their parts, for tractors, motor vehicles for the transport of goods or persons, n.e.s.	0.69	27	Not designated
91	95030090	Tricycles, scooters, pedal cars and similar wheeled toys: Other	0.69	-18	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
92	38089199	Insecticides (excluding goods of subheading 3808.50): Other	0.68	-35	Not designated
93	64039990	Footwear with outer soles of rubber, plastics or composition leather, with uppers of leather: other	0.68	-19	100% designated
94	84834000	Gears and gearing for machinery ball or roller screws; gear boxes and other speed changers	0.66	27	Not designated
95	84314300	Parts for boring or sinking machinery of subheading 8430.41 or 8430.49	0.65	42	Not designated
96	27011100	Anthracite	0.62	37	Not designated
97	84295120	Self-propelled front-end shovel loaders: not tracked, driven by internal combustion piston engines, of a mass of 3 000 kg or more but not exceeding 30 000 kg (excluding those specially designed for use in mines)	0.60	46	Not designated
98	85437000	Electrical machines and apparatus, having individual functions, n.e.s. in chapter 85	0.60	5	Not designated
99	33029090	Mixtures of odoriferous substances and mixtures, including alcoholic solutions, based on one or more of these substances, of a kind used as raw materials in industry (excluding food or drink industries): other	0.60	54	Not designated
100	27111390	Butanes, liquefied (excluding of a purity of >= 95% of n-butane or isobutane): Other	0.60	81	Not designated
101	21069090	Food preparations, n.e.s.: Other	0.59	3	Not designated
102	40111009	New pneumatic tyres, of rubber, of a kind used for motor cars, including station wagons and racing cars: having a rim size of 43 cm (17 inches) or more	0.59	-10	Not designated
103	84304100	Self-propelled boring or sinking machinery for boring earth or extracting minerals or ores	0.59	-13	Not designated
104	87042183	Motor vehicles for the transport of goods of a gross vehicle weight <= 5 t (excluding dumpers for off-highway use of subheading 8704.10 and special purpose motor vehicles of heading 8705): other	0.59	-23	Not designated
105	84082000	Compression-ignition internal combustion piston "diesel or semi-diesel engine", for vehicles excluding rail	0.58	36	Not designated
106	84139100	Parts of pumps for liquids, n.e.s.	0.58	22	Accessories 100% designated
107	90318000	Instruments, appliances and machines for measuring or checking	0.58	54	Not designated
108	87042181	Motor vehicles for the transport of goods, with compression-ignition internal combustion piston engine "diesel or semi-diesel engine" of a gross vehicle weight <= 5 t: Other, double-cab	0.57	-66	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
109	40112026	New pneumatic tyres, of rubber, of a kind used for buses and lorries: having a rim size exceeding 51cm (20inches)	0.57	No change	Not designated
110	84099990	Parts suitable for use solely or principally with diesel or semi-diesel engine, n.e.s.: Other	0.57	-5	Not designated
111	84596900	Milling machines for metals, not numerically controlled (excluding way-type unit head machines, boring-milling machines, knee-type milling machines and gear cutting machines)	0.57	2944	Not designated
112	84839000	Toothed wheels, chain sprockets and other transmission elements presented separately; parts of transmission shafts, ball screws, couplings and other articles of heading 8483	0.56	24	Not designated
113	11072020	Roasted malt: of barley	0.55	91	Not designated
114	72259290	Flat-rolled products of alloy steel other than stainless, of a width of >= 600 mm, hot-rolled or cold-rolled "cold-reduced" and plated or coated with zinc: Other	0.55	26	100% designated
115	90183900	Needles, catheters, cannulae and the like, used in medical, surgical, dental or veterinary sciences	0.55	33	Not designated
116	84292000	Self-propelled graders and levellers	0.55	180	Not designated
117	33030090	Perfumes and toilet waters (excluding aftershave lotions, personal deodorants and hair lotions): other	0.54	72	Not designated
118	85258990	Television cameras, digital cameras and video camera recorders: Other	0.54	50	Not designated
119	84733000	Parts and accessories of automatic data-processing machines or for other machines of heading 8471, n.e.s.	0.54	26	Not designated
120	22021010	Waters for direct consumption, including mineral and aerated, with added sugar or flavour	0.54	35	Not designated
121	29173600	Terephthalic acid and its salts	0.53	-38	Not designated
122	72083900	Flat-rolled products of iron or non-alloy steel, of a width of >= 600 mm, without patterns in relief	0.53	-50	100% designated
123	84118200	Gas turbines of a power > 5.000 kw (excluding turbojets and turbo propellers)	0.53	1649	Not designated
124	31054000	Ammonium dihydrogen orthophosphate (mono-ammonium phosphate) and mixtures thereof with diammonium hydrogen orthophosphate (diammonium phosphate)	0.52	-79	Not designated
125	84335100	Combine harvester-threshers	0.52	14	Not designated
126	38151200	Supported catalysts with precious metal or a precious-metal compound as the active substance, n.e.s.	0.52	-25	Not designated
127	84148000	Air pumps, air or other gas compressors and ventilating or recycling hoods with a fan	0.51	22	70% designated
128	73269090	Articles of iron or steel, n.e.s. (excluding cast articles or articles of iron or steel wire): Other	0.51	-22	100% designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
129	72101210	Flat-rolled products of iron or non-alloy steel, of a width of >= 600 mm, hot-rolled or cold-rolled "cold-reduced", tinned, of a thickness of < 0.5 mm: containing by mass 0.6 percent or more of carbon, not corrugated	0.51	6	100% designated
130	69091900	Ceramic wares for chemical or other technical uses	0.51	8	Not designated
131	85389090	Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537, n.e.s.: Other	0.51	53	Instrument transformers 15% designated, Busbars 5% designated, housing 25% designated, switching devices 5% designated
132	85444990	Electric conductors, for a voltage <= 1.000 v, insulated, not fitted with connectors, n.e.s.: other	0.50	-13	Not designated
133	22082011	Brandy as defined in additional note7 to chapter 22	0.50	34	Not designated
134	62034205	Men's or boys' trousers, bib and brace overalls, breeches and shorts, of cotton	0.49	-8	100% designated
135	39069090	Acrylic polymers, in primary forms (excluding polymethyl methacrylate): Other	0.49	-15	Not designated
136	87169090	Parts of trailers and semi-trailers and other vehicles not mechanically propelled, n.e.s.: Other	0.48	36	Not designated
137	22030090	Beer made from malt: Other	0.48	-22	Not designated
138	05040010	Sausage casings	0.48	13	Not designated
139	64029920	Footwear with outer soles and uppers of rubber or plastics	0.48	64	Not designated
140	84295190	Self-propelled front-end shovel loaders: Other	0.47	24	Not designated
141	79011100	Unwrought zinc, not alloyed, containing by weight >= 99,99% of zinc	0.47	-41	Not designated
142	64041190	Sports footwear, including tennis shoes, basketball, gym, training shoes and the like	0.47	-49	100% designated
143	47032100	Semi-bleached or bleached coniferous chemical wood pulp, soda or sulphate	0.47	1	Not designated
144	38170010	Mixed alkylbenzenes and mixed alkyl naphthalenes produced by the alkylation of benzene and naphthalene	0.46	-48	Not designated
145	62034210	Men's or boys' trousers, bib and brace overalls, breeches and shorts, of cotton (excluding knitted or crocheted, underpants and swimwear): Other, trousers	0.46	14	100% designated
146	84433100	Printers and fax machines	0.46	-39	Not designated
147	84718000	Units for automatic data-processing machines (excluding processing units, input or output units and storage units)	0.46	95	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
148	29242990	Cyclic amides, including cyclic carbamates, and their derivatives; salts thereof (excluding ureines and their derivatives, salts thereof, 2-acetamidobenzoic acid "n-acetylanthranilic acid" and its salts and ethinamate "inn"): Other	0.45	167	Not designated
149	84271000	Self-propelled trucks fitted with lifting or handling equipment, powered by an electric motor	0.45	-25	Not designated
150	84219990	Parts of machinery and apparatus for filtering or purifying liquids or gases, n.e.s.: Other	0.45	-8	Not designated
151	87042190	Motor vehicles for the transport of goods, with compression-ignition internal combustion piston engine "diesel or semi-diesel engine" of a gross vehicle weight <= 5 t: Other	0.45	-65	Not designated
152	21011190	Extracts, essences and concentrates, of coffee: other	0.44	17	Not designated
153	87038090	Motor cars and other motor vehicles principally designed for the transport of <10 persons, including station wagons and racing cars, with only electric motor for propulsion: Other	0.44	394	Not designated
154	87034090	Passenger vehicles: Other	0.44	67	Not designated
155	01022900	Live cattle (excluding pure-bred for breeding)	0.43	-39	Not designated
156	24012000	Tobacco, partly or wholly stemmed or stripped	0.43	404	Not designated
157	85071099	Lead-acid accumulators of a kind used for starting piston engine "starter batteries" (excluding spent): Other	0.43	91	Not designated
158	85235210	Cards incorporating one or more electronic integrated circuits "smart cards": Digital	0.42	-29	Not designated
159	85423100	Electronic integrated circuits as processors and controllers	0.42	6	Not designated
160	85072000	Lead acid accumulators (excluding spent and starter batteries)	0.42	-52	Industrial lead acid batteries 50% designated
161	28362000	Disodium carbonate	0.42	-47	Not designated
162	99000000	Miscellaneous classification provisions	0.41	72	Not designated
163	87089490	Steering wheels, steering columns and steering boxes, and parts thereof, n.e.s: Other	0.41	83	Not designated
164	90211000	Orthopaedic or fracture appliances	0.41	18	Not designated
165	84812000	Valves for oleohydraulic or pneumatic transmissions	0.40	52	70% designated
166	85269100	Radio navigational aid apparatus	0.40	84	Not designated
167	84818090	Appliances for pipes, boiler shells, tanks, vats or the like	0.40	4	Not designated
168	40118010	New pneumatic tyres, of rubber, of a kind used on construction, mining or industrial handling vehicles and machines	0.39	-22	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
169	61099000	T-shirts, singlets and other vests of textile materials, knitted or crocheted (excluding cotton)	0.39	19	Not designated
170	85176220	Machines for the reception, conversion and transmission or regeneration of voice, images or other data	0.39	31	Not designated
171	84133000	Fuel, lubricating or cooling medium pumps for internal combustion piston engine	0.39	2	Not designated
172	42029200	Travelling-bags, insulated food or beverage bags, toilet bags, rucksacks, shopping-bags, map-cases, tool bags, sports bags, jewellery boxes, cutlery cases, binocular cases, camera cases, musical instrument cases, gun cases, holsters and similar containers, with outer surface of plastic sheeting or textile materials	0.38	-12	Not designated
173	84186990	Refrigerating or freezing equipment (excluding refrigerating and freezing furniture): Other	0.38	2	Not designated
174	95045020	Video game consoles from which the image is reproduced on a television receiver, a monitor or other external screen or surface	0.38	262	Not designated
175	30043990	Medicaments containing hormones or steroids used as hormones but not antibiotics, put up in measured doses "including those in the form of transdermal administration" or in forms or packings for retail sale (excluding medicaments containing insulin or corticosteroid hormones, their derivatives or structural analogues): Other	0.38	127	Not designated
176	84295900	Self-propelled mechanical shovels, excavators and shovel loaders	0.38	-54	Not designated
177	39072900	Polyether's, in primary forms	0.38	-14	Not designated
178	85423900	Electronic integrated circuits (excluding such as processors, controllers, memories and amplifiers)	0.38	-31	Not designated
179	85249910	Matrices for the manufacture of records	0.38	50	Not designated
180	64041999	Footwear with outer soles of rubber or plastics and uppers of textile materials (excluding sports footwear, including tennis shoes, basketball shoes, gym shoes, training shoes and the like, and toy footwear): other	0.37	-105	Not designated
181	71023900	Diamonds, worked, but not mounted or set (excluding industrial diamonds)	0.37	92	Not designated
182	85122000	Electrical lighting or visual signalling equipment for motor vehicles	0.37	-3	Not designated
183	90328900	Regulating or controlling instruments and apparatus (excluding hydraulic or pneumatic, manostats)	0.36	17	Not designated
184	44071100	Pine "pinus spp." sawn or chipped lengthwise, sliced or peeled, whether or not planed, sanded or end-jointed, of a thickness of > 6 mm	0.36	21	Not designated
185	19021900	Uncooked pasta, not stuffed or otherwise prepared, not containing eggs	0.36	12	Not designated

RANK	HS CODE	PRODUCT DESCRIPTION	IMPORT VALUE, RAND BILLION	CHANGE IN RANK, Q3 2022 - Q3 2023	DESIGNATION STATUS
186	35079000	Enzymes and prepared enzymes, n.e.s. (excluding rennet and concentrates thereof)	0.35	34	Not designated
187	84719000	Magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, n.e.s.	0.35	116	Not designated
188	98010005	Tyres for the goods described in tariff subheadings 98010010 to 98010055	0.35	133	Not designated
189	84799000	Parts of machines and mechanical appliances, n.e.s.	0.35	66	Not designated
190	38089229	Fungicides (excluding goods of subheading 3808.50): Other	0.34	-60	Not designated
191	85444290	Electric conductors for a voltage <= 1.000 v, insulated, fitted with connectors, n.e.s: Other	0.34	-1	Not designated
192	84272040	Self-propelled trucks fitted with lifting or handling equipment, non-powered by an electric motor: other fork-lift trucks of a mass not exceeding 10 000 kg	0.34	-30	Not designated
193	16041317	Sardines (pilchards) (sardinops spp.), in airtight metal containers for human consumption	0.34	-35	Not designated
194	69022000	Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods containing, by weight, > 50% alumina, silica or a mixture or compound of these products (excluding those of siliceous fossil meals or similar siliceous earths)	0.34	538	Not designated
195	48192000	Folding cartons, boxes and cases, of non-corrugated paper or paperboard	0.34	113	Not designated
196	85166000	Other ovens; cookers, cooking plates, boiling rings, grillers and roasters	0.34	-22	Not designated
197	31022100	Ammonium sulphate	0.34	5	Not designated
198	18069000	Chocolate and other preparations containing cocoa	0.33	63	Not designated
199	39011000	Polyethylene having a specific gravity of less than 0,94	0.33	-135	Not designated
200	61051000	Men's or boys' shirts of cotton, knitted or crocheted (excluding nightshirts, t-shirts, singlets and other vests)	0.33	-4	100% designated