



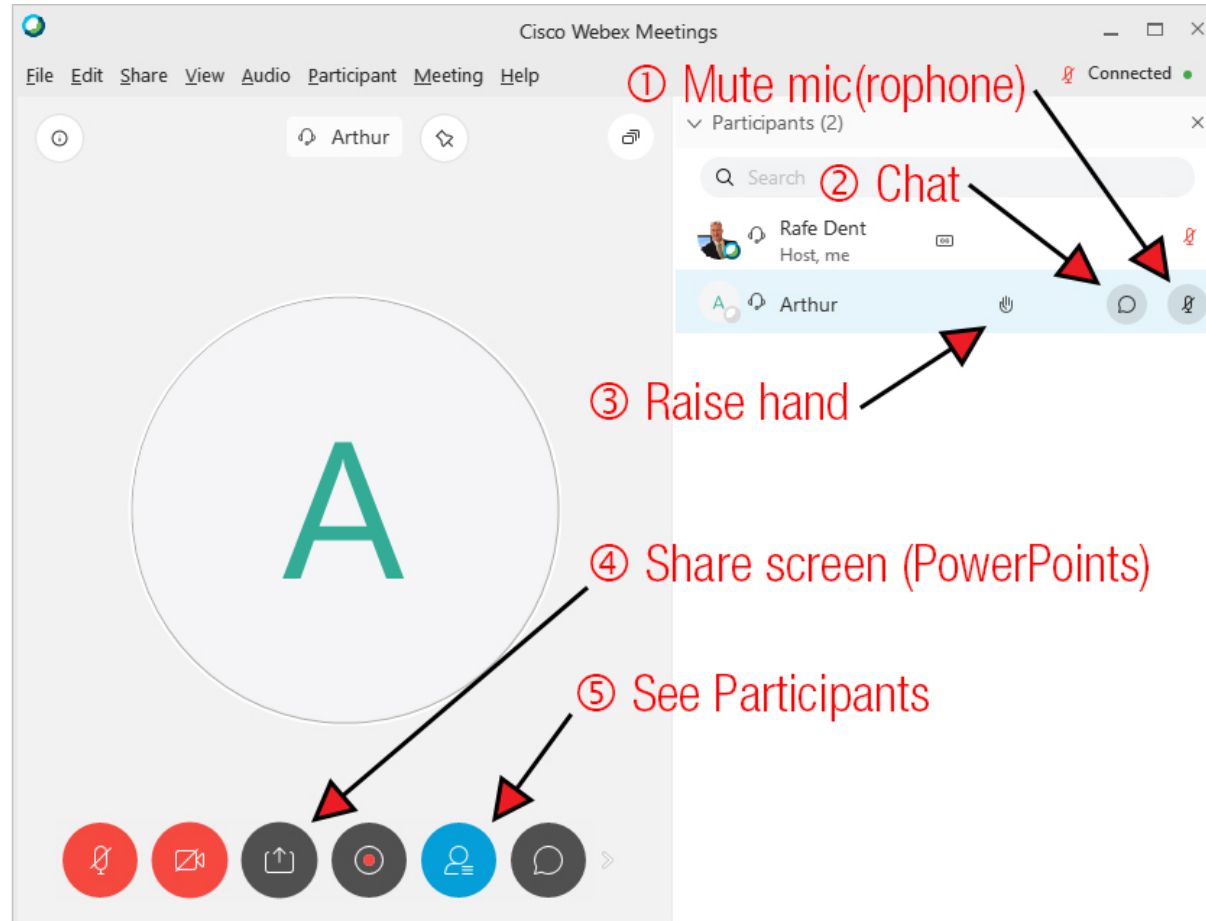
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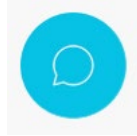
Webinar “Trade and Biodiversity Statistics”

UNCTAD
12 June 2020

How to use Webex



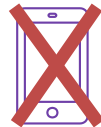
SOME TIPS FOR A GREAT ONLINE MEETING EXPERIENCE:



✓ **Test the Chat:** Kindly write down your name, surname, organization and country where you are joining from



✓ **Please keep the time allocated for your interventions so we have time for Q&A**



✓ **Remove distractions. Let's make the most of it!**



✓ **Get a beverage before starting the meeting**



✓ **Get paper and writing utensil to take notes**



✓ **Be focused, share, stay positive & enjoy!**



Agenda

Moderator: Ivana Padierna, UNCTAD

11:00 – 11:10 am Sign-in and instructions on the use of Webex

11:10 – 11:15 am Welcome remarks
Ms. Lorena Jaramillo, BioTrade, UNCTAD

11:15 – 11:35 am Presentation on the Trade and Biodiversity mechanism
Ms. Lorena Jaramillo and Ms. Sonia Bouali, BioTrade, UNCTAD

11:35 am – 12:00 Presentation and training on UNCTADstat
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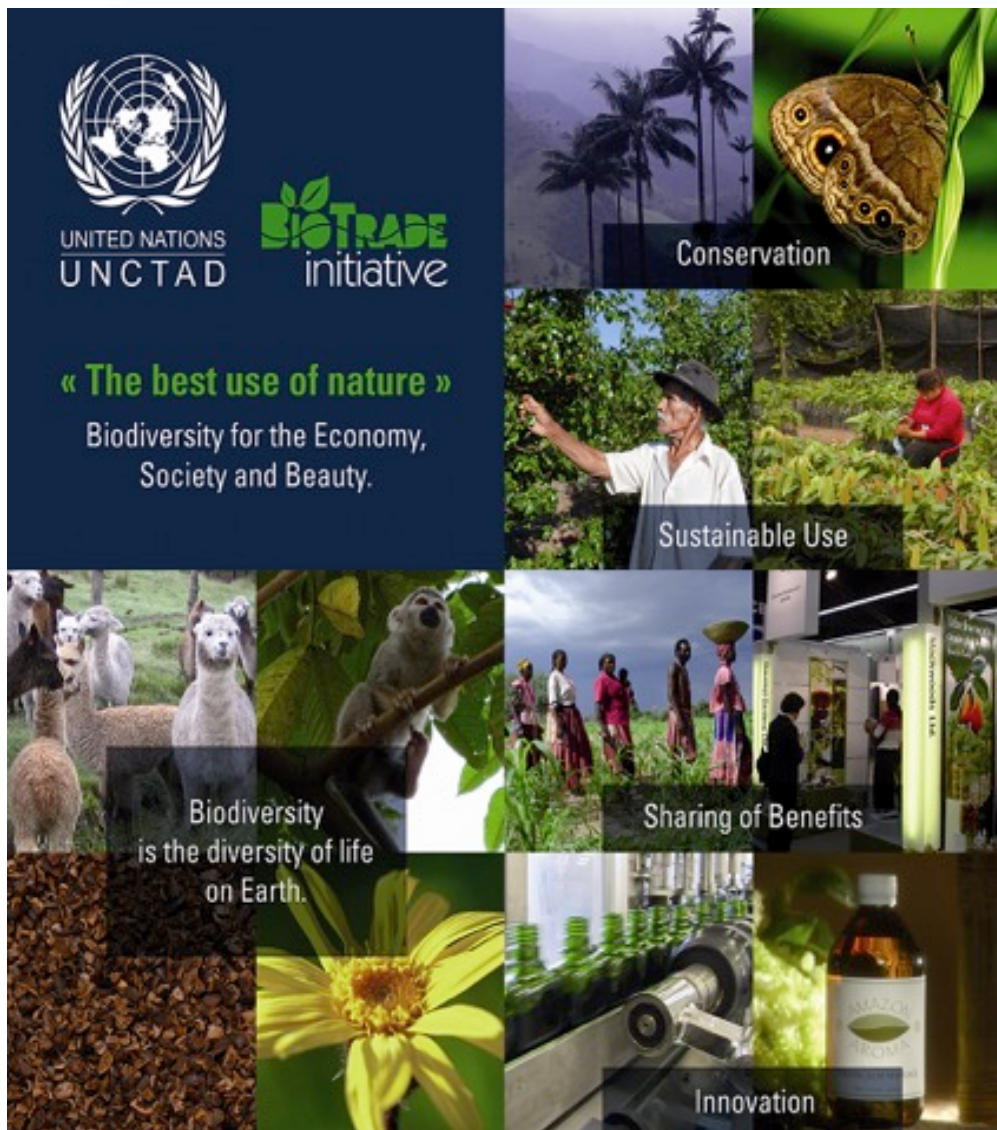
12:00 – 12.15 pm Open discussion

12.15 – 12.3 pm Next steps and closing
Ms. Lorena Jaramillo, BioTrade, UNCTAD

More information on the webinar at:

<https://unctad.org/en/pages/MeetingDetails.aspx?meetingid=2428>





Trade and Biodiversity Statistics webinar
12 June 2020

Database on trade in biodiversity-based products

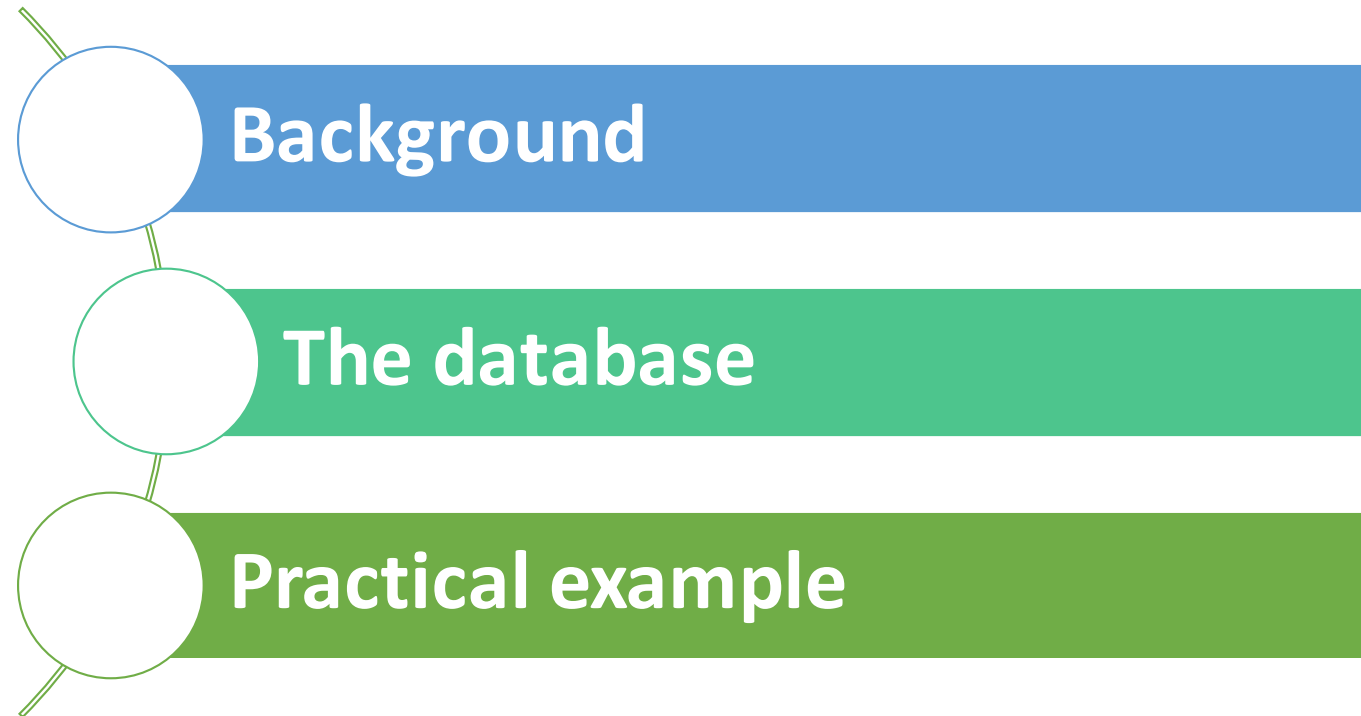
Lorena Jaramillo / Sonia Bouali, UNCTAD
biotrade@un.org

Global BioTrade Programme - Linking Trade, Biodiversity and Sustainable Development funded by the Swiss State Secretariat for Economic Affairs SECO



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Content



Background

- Need to collect and report **statistics** and **information** on biodiversity-based products and services (P&S), including those related to BioTrade
 - It allows to improve the knowledge and understanding of its **importance** and **impact**: SDGs, Aichi, post-Aichi
- **BioTrade & Development Statistics and Information Branch (DSIB) of UNCTAD** are developing a **statistical tool to obtain updated information automatically** on trade flows of biodiversity-based P&S
- **Study (2019): methodology** for information collection and **identification of HS codes** and possible **indicators**; inventory of **available sources of information** on biodiversity-based P&S; and identification of **priority products** by partners (and HS codes)
- **Pilot project**: testing of the system with the information received from the partners on
 - 14 countries in Asia, Africa and Latin America (Lao PDR, Myanmar, Namibia, South Africa, Viet Nam, etc)
 - Priority species and/or products - classified under different HS codes
 - Years analyzed : 2010-2018



- All countries
- All biodiversity-based products



Identifying and selecting products for the database

- Biodiversity-based products **refers to all those products that are made using biological resources: marine, terrestrial and aviary**
- UNCTAD **study (2019)**, NTMs factsheets (2018) & consultation with experts to define the HS codes
- **Inventory HS codes (at the 6-digit level)** of the 2017 Harmonized System – HS 2017:
 - HS codes with a **description including biodiversity-based products**:
 - **Final product** (e.g. Coffee, roasted, not decaffeinated – 0901.21; Pineapples – 2008.20)
 - Biodiversity as an **input in the production process** (e.g. T-shirts, singlets and other vests of cotton – 6109.10; Other wooden furniture – 6403.60)
 - Experts were consulted to select those **products (HS codes) that are mainly developed with inputs from biodiversity (not synthetic, man-made)** (e.g. Glycerol – 2905.45; Grand pianos – 9201.20)
 - **Discarded HS codes not related to biodiversity** (e.g. Mineral products (Ch. 25), gunpowder and explosives (Ch. 36), plastic products, etc.)
 - **The chosen HS codes were selected conservatively**



Progress made

Define the **list of HS codes** at the **6-digit level** for biodiversity-based products and **their correlation tables for the different versions of the Harmonized System**- HS2017, HS2012, HS2007 and HS2002

Develop a **comprehensive database of trade in biodiversity-based products for all countries and regions (from 2007)** and a **set of indicators** for trade in biodiversity-based products

Prepare **“Trade and Biodiversity Profiles”**

(Available 2020/2021)



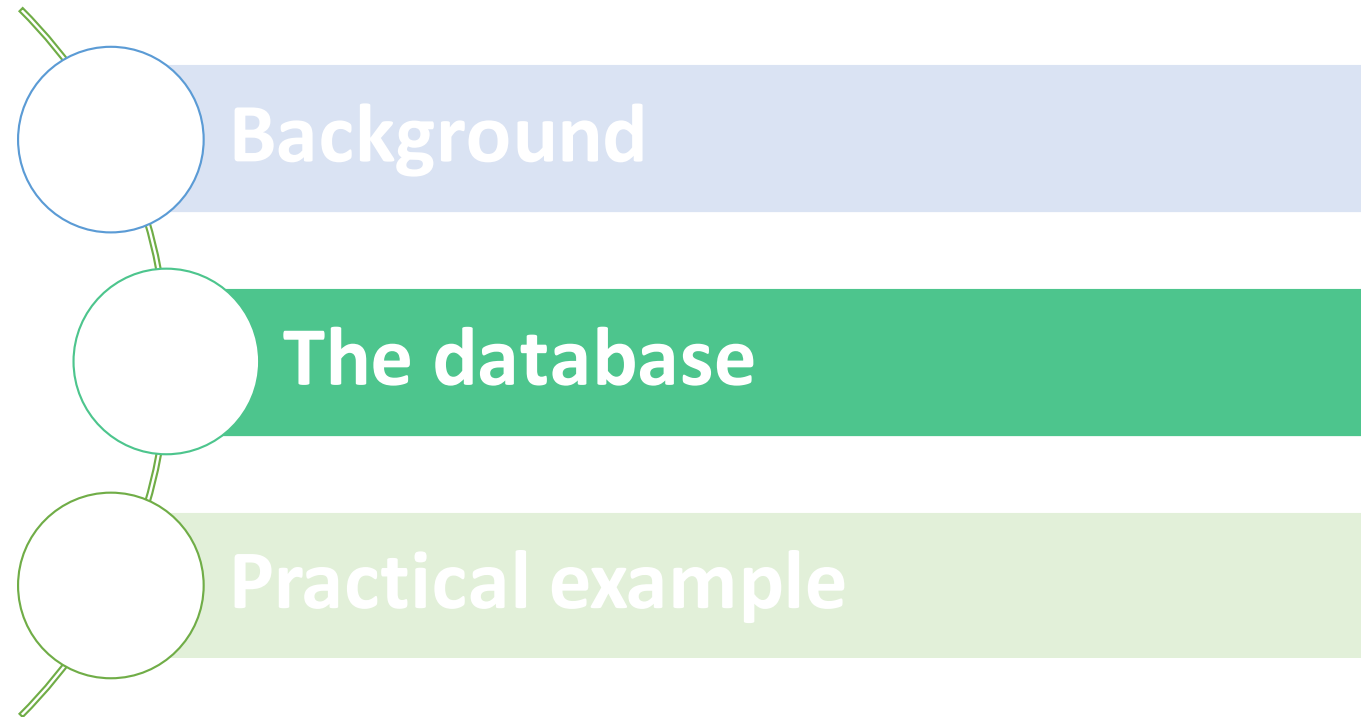
- **Trade flows** to and from **all countries** and for **all biodiversity-based HS codes**
- **Trade indicators**
- The information is **accessible** online and can be **downloaded** directly by the user



- Information available by country & region
- Visual information (tables, graphs) relating to trade, indicators and other information (e.g. MEAs)



Content



Develop a complete database on trade in biodiversity products



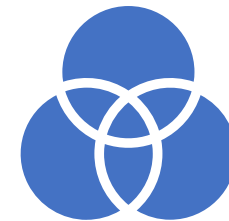
Define the tree per product

It allows to see the product relationship of the last Harmonized System available to its previous versions (e.g. SA2012)

- see if this correspondence has another correlation with the same or another product in HS 2017



Apply the Formula

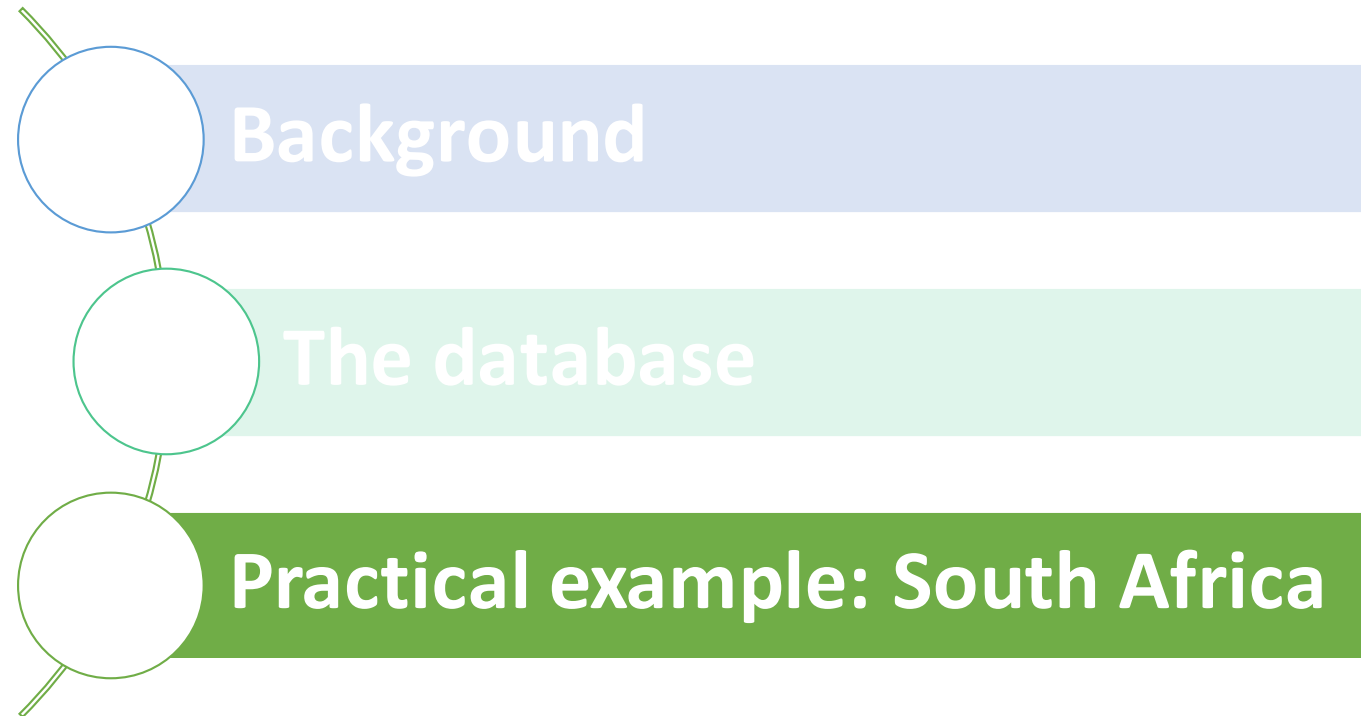


Obtain the values of X and M for the period studied

(considering the different versions of the Harmonized System)



Content



Outputs



Exports and imports, at both the bilateral and global levels



Exports and imports growth rate



Trade balance



Exports and imports of biodiversity-related products, % of total exports and imports



Top 5 or 10 biodiversity exported products (Subheading or heading level)



Some indicators to describe the market for biodiversity products



Trade of a product with global and bilateral partners

Country: South Africa

Classification	Year	Trade Flow	Reporter	Partner	Subheading	Heading	Chapter	Commodity Description	Value (USD)
H3	2007	Import	South Africa	World	10190	10	0	Live horses/asses/mules/hin	467,478.00
H3	2007	Export	South Africa	World	10190	10	0	Live horses/asses/mules/hin	6,666,231.00
H3	2007	Export	South Africa	Belgium	10190	10	0	Live horses/asses/mules/hin	677,773.00
H3	2007	Export	South Africa	Dem. Rep. of the	10190	10	0	Live horses/asses/mules/hin	3,842.00
H3	2007	Import	South Africa	Czechia	10190	10	0	Live horses/asses/mules/hin	95.00
H3	2007	Export	South Africa	Kenya	10190	10	0	Live horses/asses/mules/hin	17,857.00
H3	2007	Export	South Africa	Malawi	10190	10	0	Live horses/asses/mules/hin	2,106.00
H3	2007	Export	South Africa	Mauritius	10190	10	0	Live horses/asses/mules/hin	4,244,088.00
H3	2007	Export	South Africa	Mozambique	10190	10	0	Live horses/asses/mules/hin	5,265.00
H3	2007	Import	South Africa	Netherlands	10190	10	0	Live horses/asses/mules/hin	439,184.00
H3	2007	Import	South Africa	Portugal	10190	10	0	Live horses/asses/mules/hin	418.00
H3	2007	Export	South Africa	Seychelles	10190	10	0	Live horses/asses/mules/hin	2,063.00
H3	2007	Import	South Africa	Zimbabwe	10190	10	0	Live horses/asses/mules/hin	13,023.00
H3	2007	Export	South Africa	Zimbabwe	10190	10	0	Live horses/asses/mules/hin	30,768.00
H3	2007	Export	South Africa	United Kingdom	10190	10	0	Live horses/asses/mules/hin	1,671,909.00
H3	2007	Export	South Africa	United Rep. of Ta	10190	10	0	Live horses/asses/mules/hin	472.00
H3	2007	Import	South Africa	USA	10190	10	0	Live horses/asses/mules/hin	14,757.00
H3	2007	Export	South Africa	Zambia	10190	10	0	Live horses/asses/mules/hin	10,088.00
H3	2007	Export	South Africa	World	10290	10	0	Live bovine animals other th	8,594,352.00



Total trade in biodiversity-based products and trade balance - exports (X) and imports (M) in millions (USD \$)

Country: South Africa

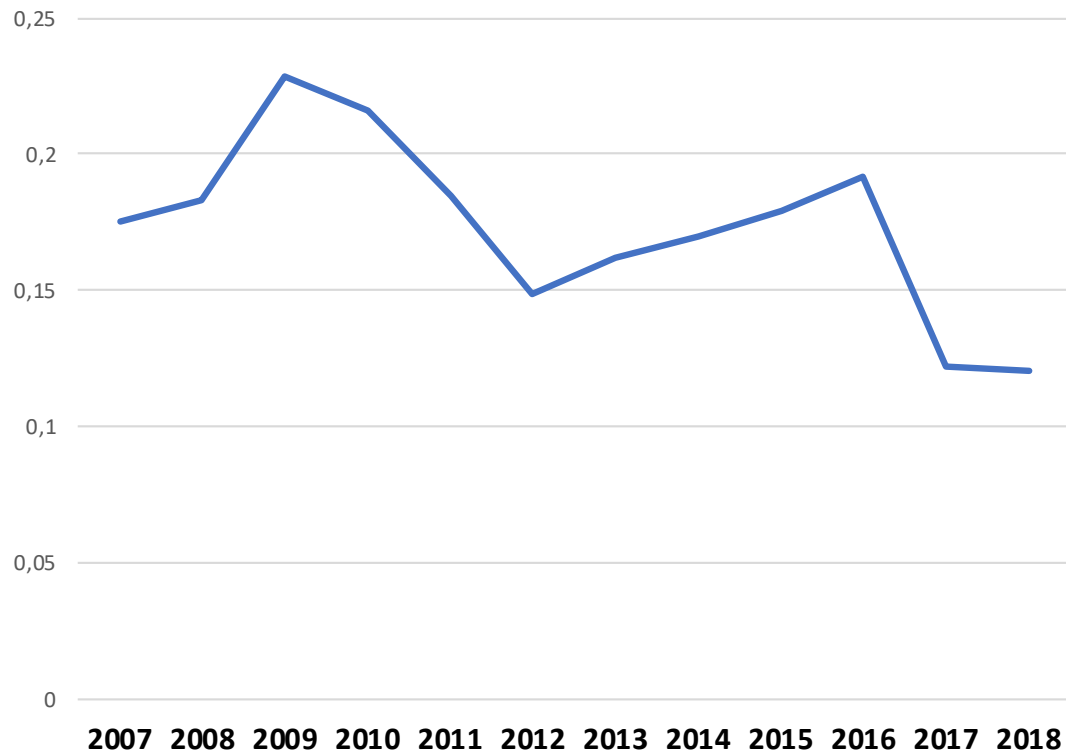
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
BD Exports	112 364	135 530	123 303	178 573	199 344	146 588	153 771	156 950	144 075	141 946	107 555	112 726
BD imports	105 422	110 363	98 264	137 690	166 907	158 063	152 343	143 283	139 648	135 519	132 413	145 819
Trade Balance	6 942	25 167	25 039	40 883	32 436	-11 476	1 427	13 668	4 427	6 427	-24 858	-33 093



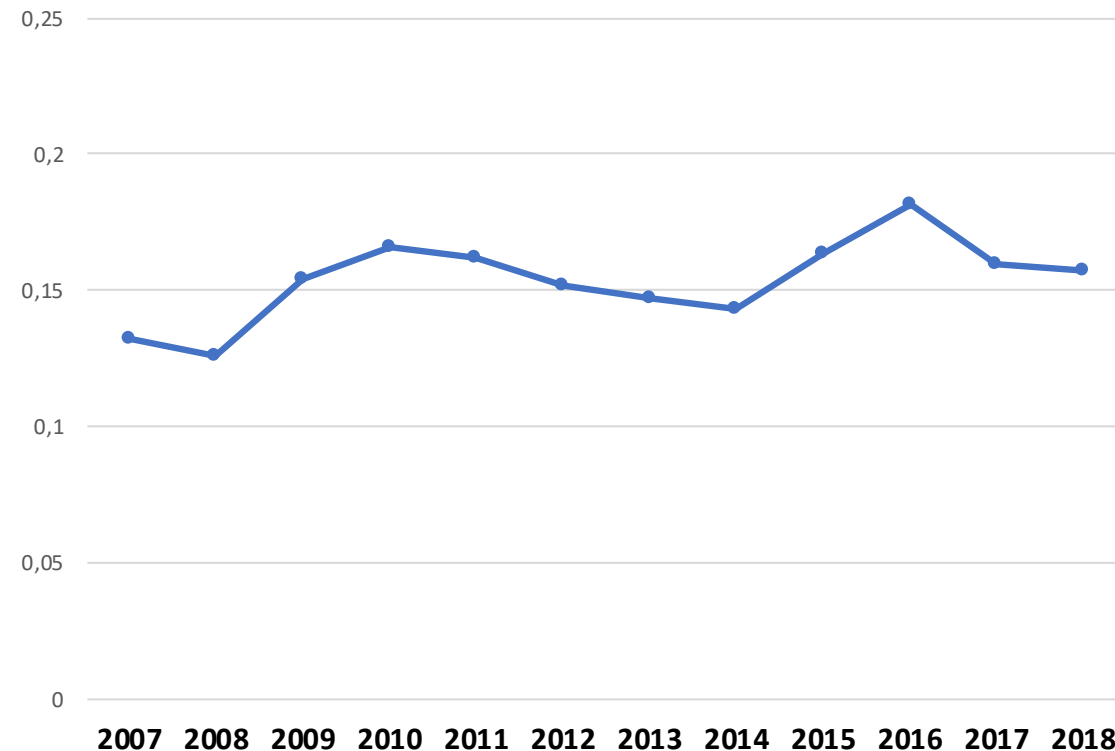
The Share of Biodiversity products in the total trade (X and M) of South Africa

Country: South Africa

The share of exports (2007-2018)



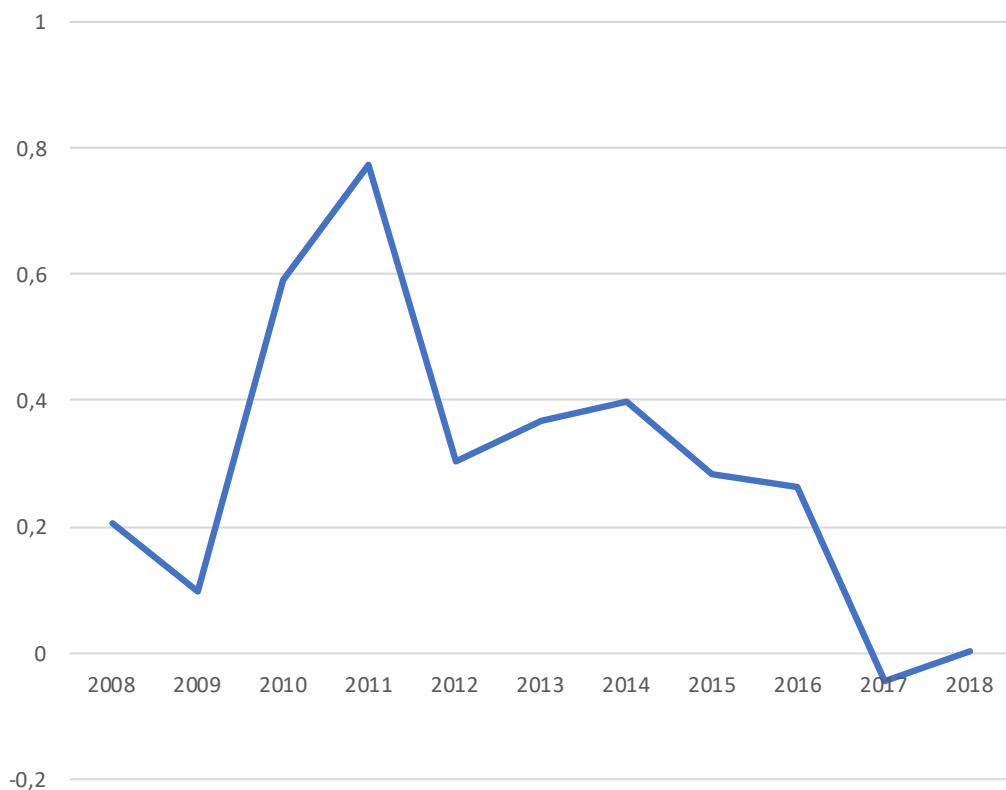
The share of imports (2007-2018)



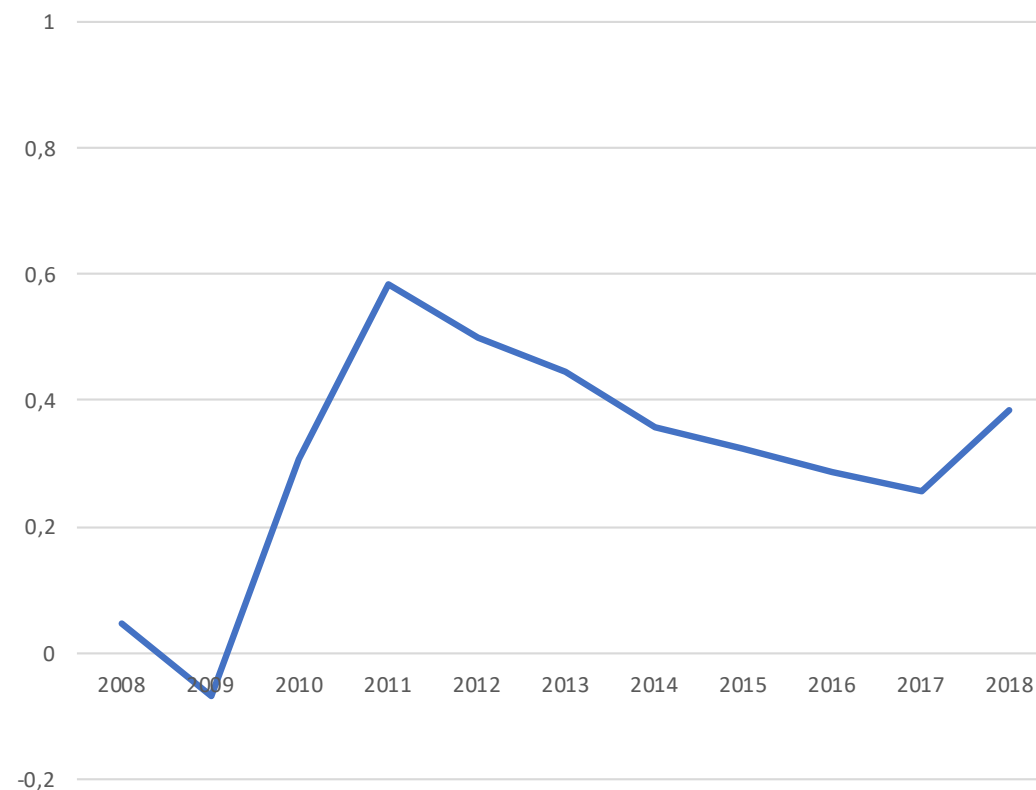
Cumulative growth of trade in biodiversity-based products since 2007

Country: South Africa

Exports



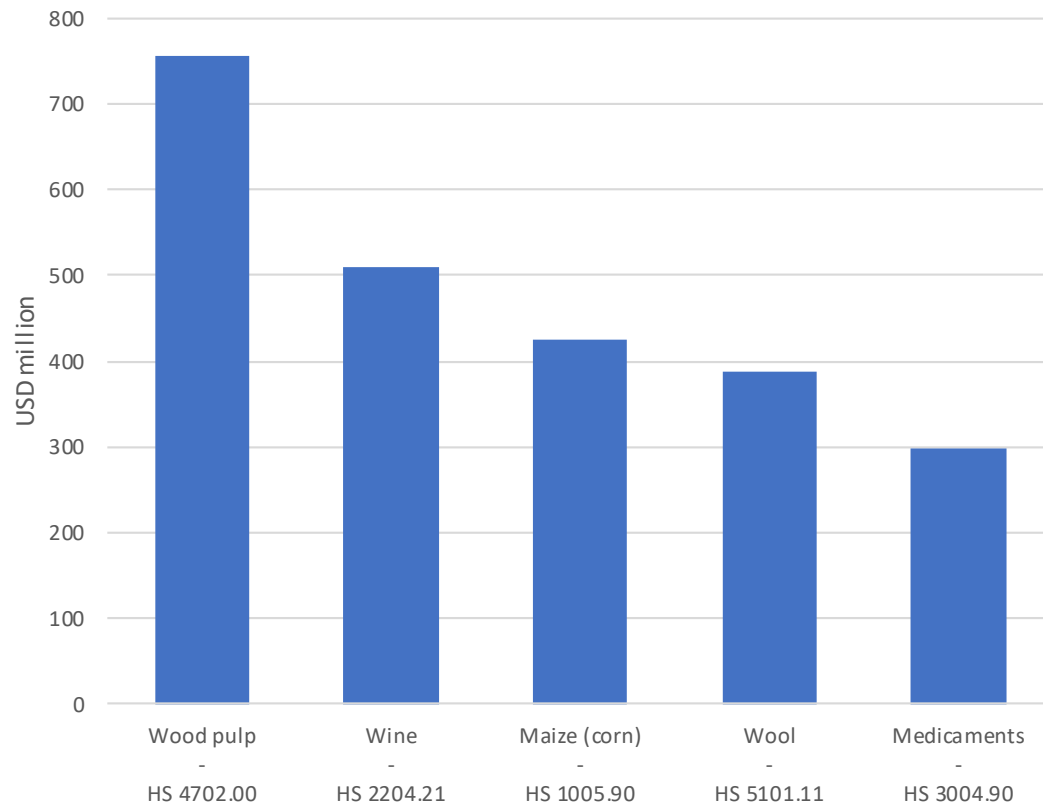
Imports



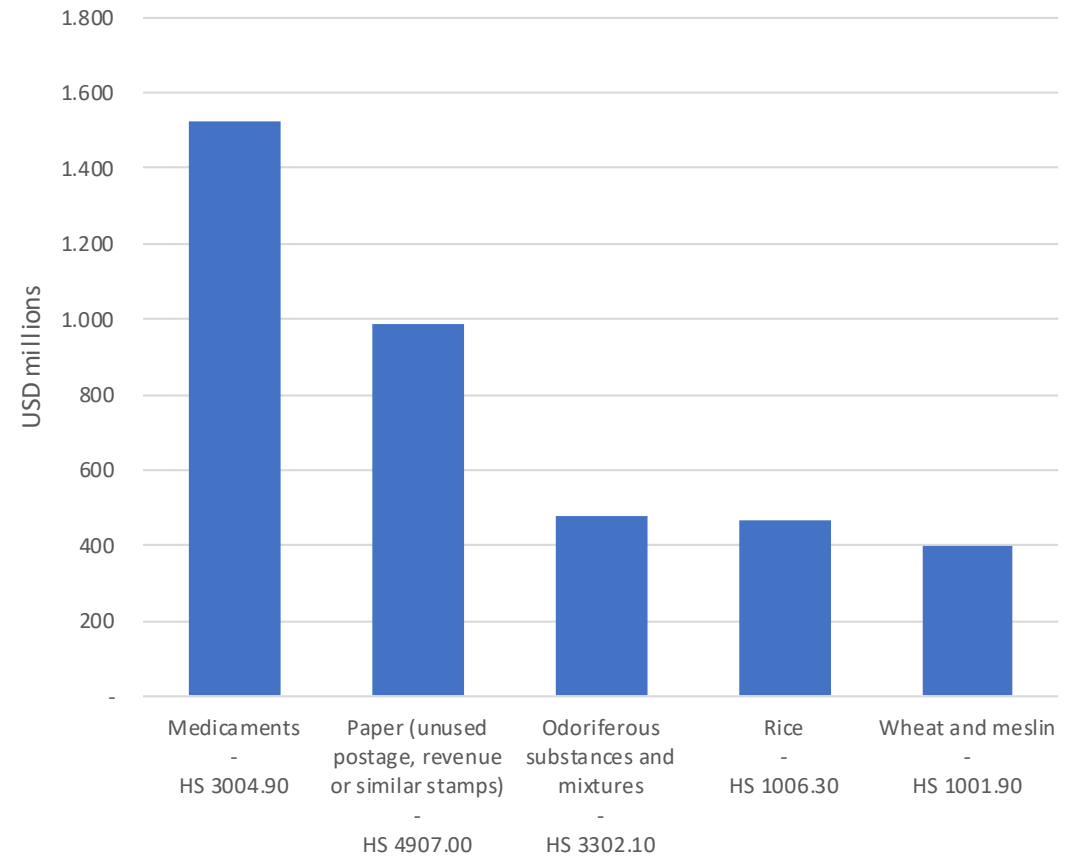
Top 5 biodiversity products traded in 2018

Country: South Africa

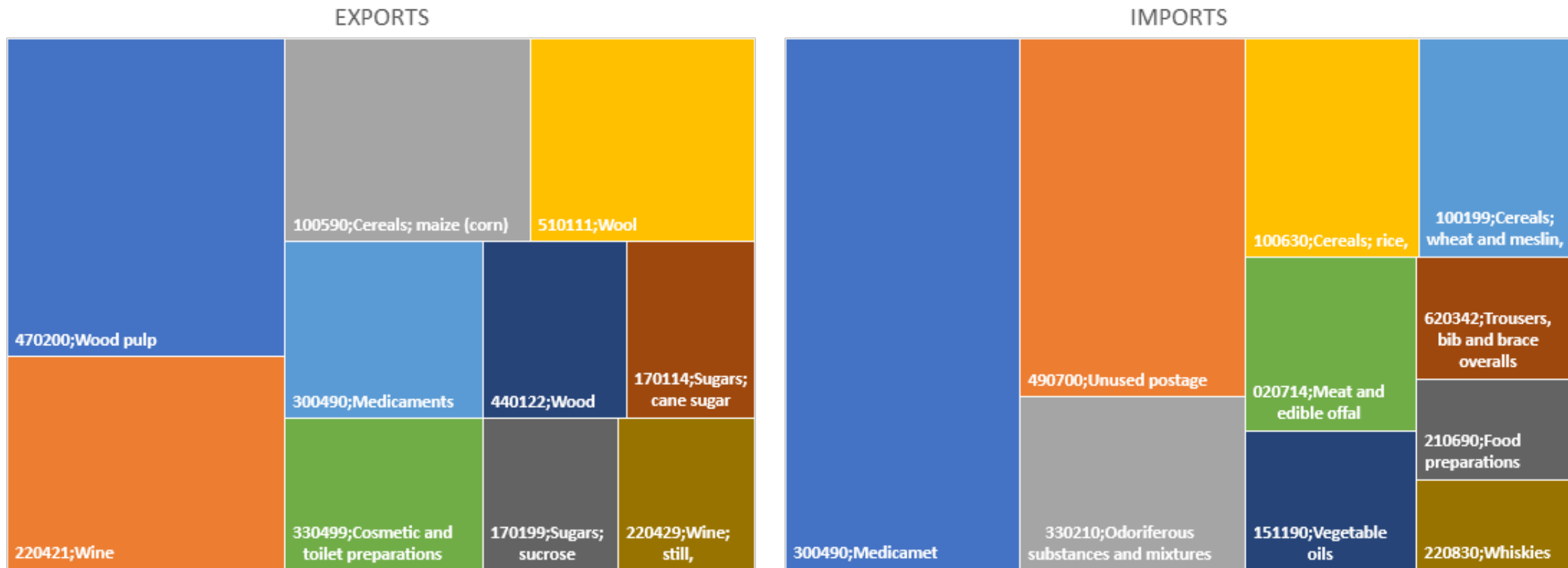
Exports



Imports



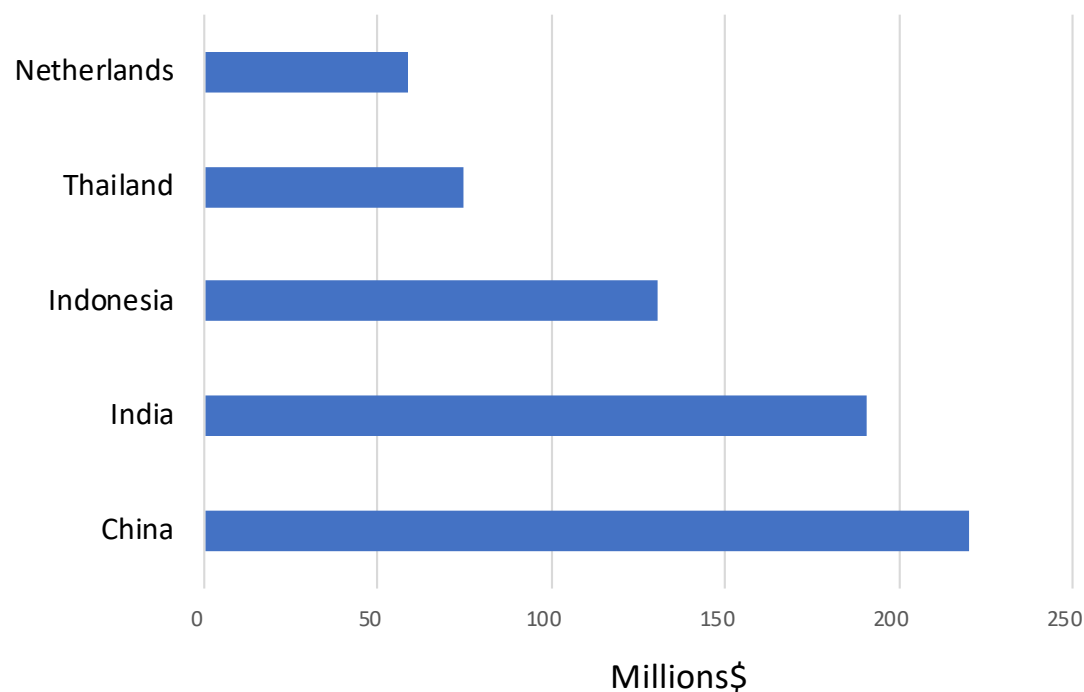
Share of top 10 trade biodiversity-products in total trade for South Africa 2018



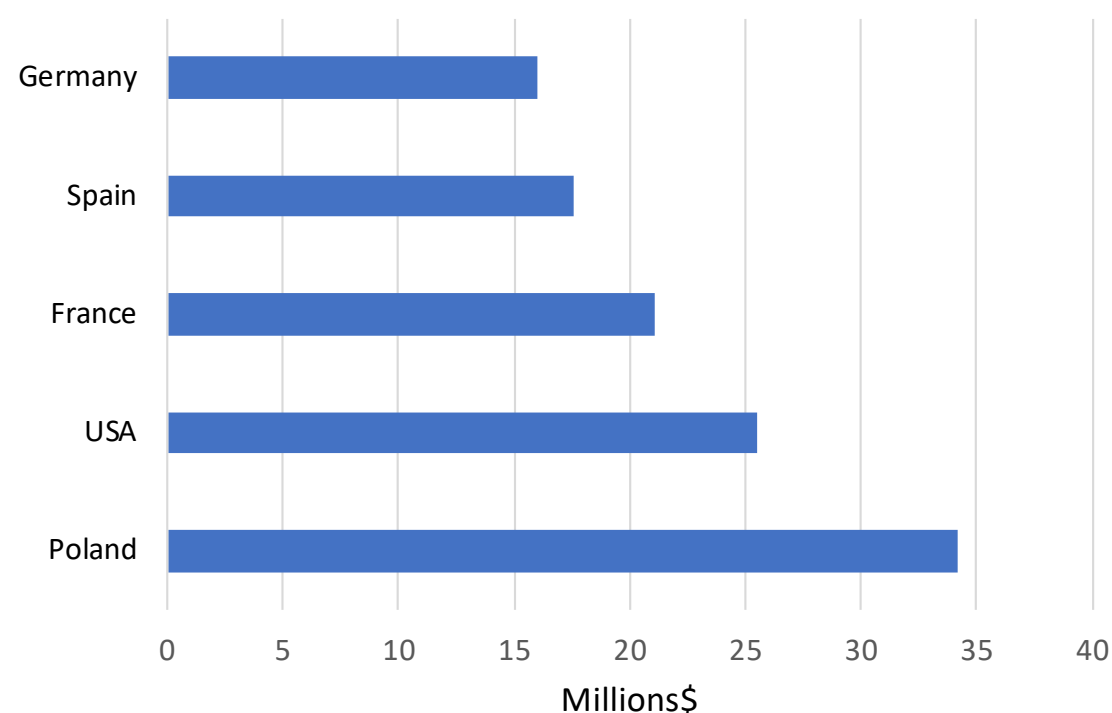
Top 5 partners in 2018 for a selected product

Country: South Africa

Top 5 exports partners for wood pulp (HS4702.00)

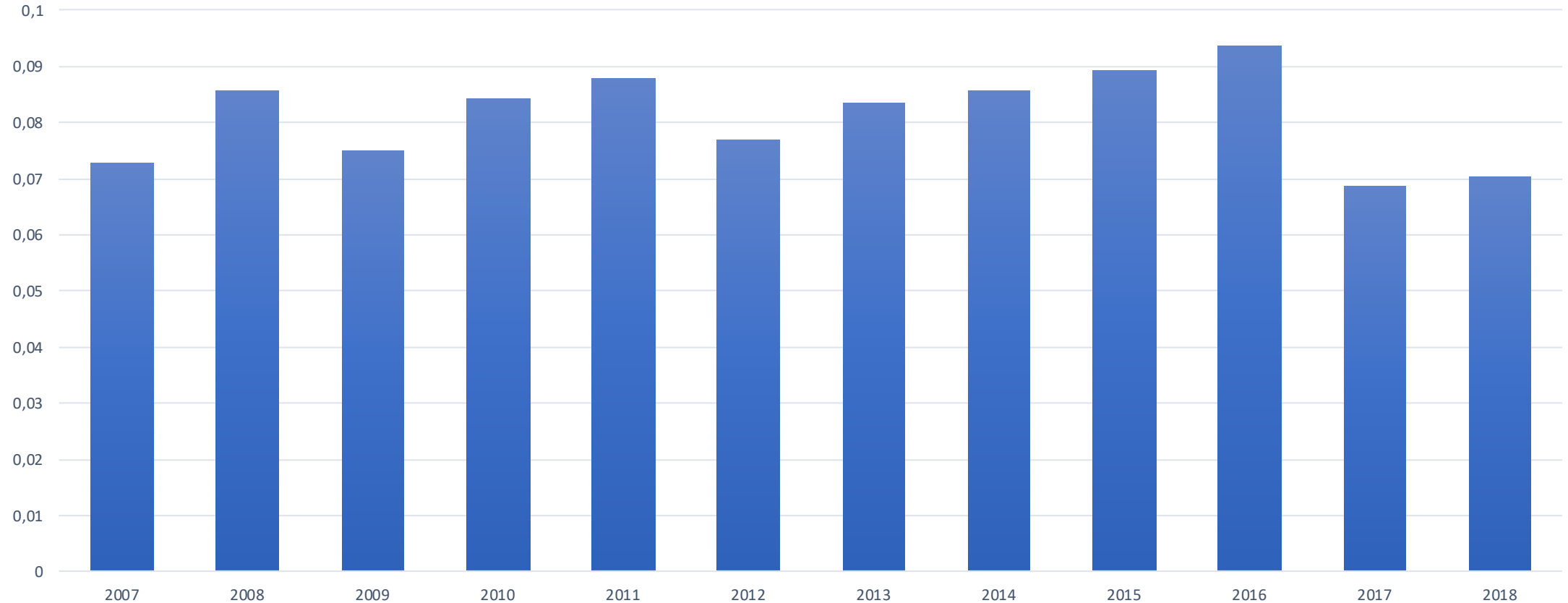


Top 5 imports partners for cosmetic and toilet preparations (HS3304.99)



Importance of products from biodiversity in relation to economic activity for 2018: $(X + M) / \text{GDP}$

Country: South Africa



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Other examples of indicators and information in UNCTADstat

- **Hirschmann-Herfindahl Index (HH)**

Measure of the degree of concentration of exports. It takes a value between 0 and 1 and indicates if a country's exports or imports are highly concentrated in a few products or if they are more evenly distributed among a series of products

- **Market concentration index**

Indicates, by means of a value between 0 and 1, if the imports and exports of a product are concentrated in few countries or if there is a more homogeneous distribution of market shares among the countries

- **Structural change index**

If the structural change index takes a value close to 1 for a product, it indicates a significant change in the market shares of the exporters (or importers), compared to a reference year

- **Revealed comparative advantage index (e.g. 2018)**

Measures of revealed comparative advantage have been used to help assess a country's export potential. The VCR indicates whether a country is in the process of expanding the products in which it has commercial potential, unlike situations in which the number of products that can be competitively exported is static



Thank you for your attention!



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Webinar “Trade and Biodiversity Statistics”

Thank you for your
participation

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