



INTERNATIONAL
TRADE
ADMINISTRATION

User Guide

U.S. Environmental Technology Trade Dashboard Manual

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U.S. Department of Commerce | International Trade Administration

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DISCLAIMER

The U.S. Environmental Technologies Trade Dashboard is a data visualization tool that provides annual U.S. country-level trade data for various environmental technology sectors. This tool was developed by the ITA Office of Energy & Environmental Industries (OEEI) and is intended to assist business, researchers, and policy makers obtain insights on trade data for environmental goods and services.

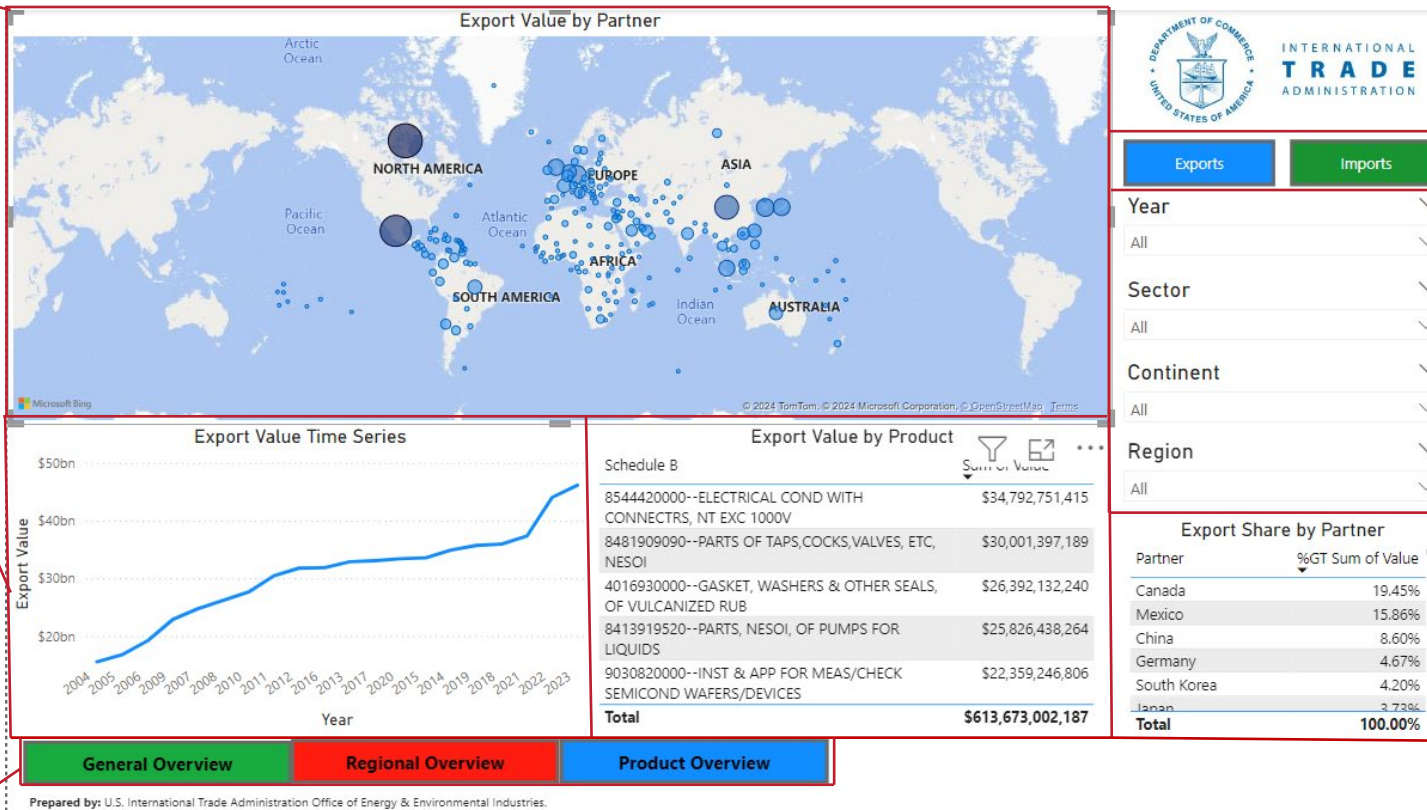
ITA defines environmental technologies as those that prevent or mitigate pollution, generate compliance with environmental regulations, manage or reduce waste streams, remediate contaminated sites, develop and operate environmental infrastructure, allow the provision of environmental resources, and/or foster environmental protection and resource efficiency. Environmental technologies are not captured precisely through unique Harmonized System (HS) Schedule B codes - the codes used for categorizing and tracking U.S. exports. Many Schedule B codes that include environmental technologies also contain a variety of other products, including some unrelated to the environmental technologies sector. This tool uses 126 Schedule B codes and 67 6-digit HS import classifications as a proxy for the environmental technologies sector. These codes represent environmental technologies related to air pollution monitoring and control, water and wastewater treatment, waste management and recycling, and monitoring and instrumentation equipment. The Office of Energy & Environmental Industries makes every effort to continuously assess and validate this list of Schedule B codes, which are drawn from more than 19,000 individual product classifications in the broader Harmonized System. Users should be aware of the limitations of this data set, which may lead to underreporting or overreporting based upon included or excluded products. Questions or comments should be addressed to the Office of Energy & Environmental Industries.

For more information on U.S. foreign trade, please visit <https://www.census.gov/foreign-trade/index.html>

GENERAL OVERVIEW

Overview of export and import data for environmental technologies

The map displays **Value** of [Imports or Exports] for a **Selected Year**. It can be filtered by all the filters on the right or by selecting a product from the list of products at the bottom. Users can zoom in and click on countries to filter the rest of the graphics by country.



The time-series line graph displays **Value** of [Imports or Exports] over the past twenty years. It can be filtered by all the filters on the right (except year) or it can be filtered by selecting a country in the map, a country in the list of ranks, and a product from the list of products.

Buttons at the bottom display different views you can toggle between. This current display is the **General Overview**.

The list of products displays the **Specific Products** for a **Selected Year**. It can be filtered by all the filters on the right or it can be filtered by selecting a country in the map or a country in the list of ranks. Users can select a product to filter the rest of the graphics by that product.

Buttons can be used to choose between **Export** values and **Import** values. The current display shows **Exports**

These filters allow users to filter various graphics by:

1. Year (2004-2023)
2. Sector
3. Continent
4. Country

This table displays a list of countries ranked by Percent Share of the total [Exports or Imports] for the filtered range of data. It can be filtered by all the filters on the right, or it can be filtered by selecting a specific product from the list of products. Users can use this to quickly see which countries represent the largest trading partners for a particular view.

REGIONAL OVERVIEW

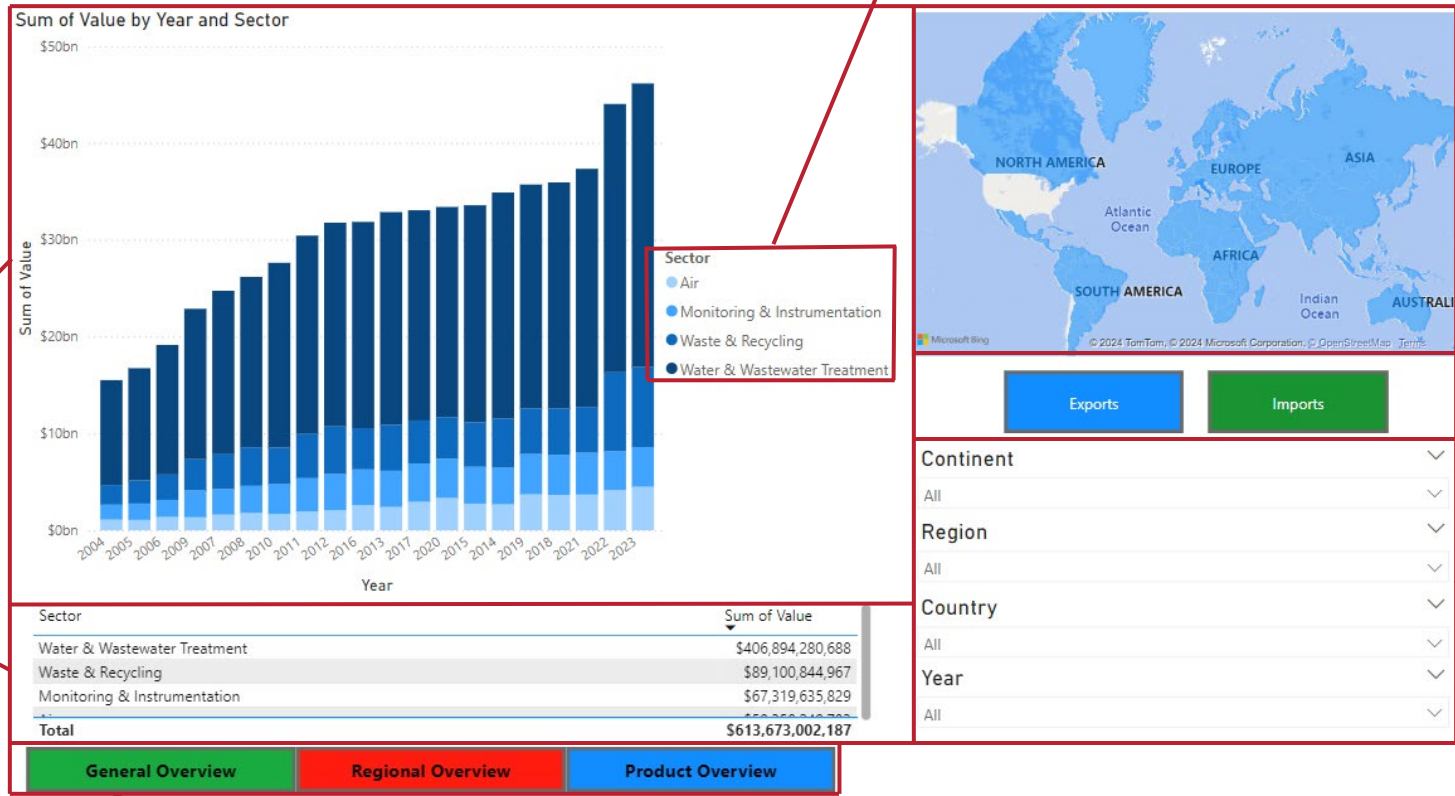
Export and import value to specific continents, regions, and countries

This bar chart displays the **Value** of U.S. **Exports** and **Imports** from **Selected Continents, Regions, or Countries** broken out by sector.

This table displays the **Value** of U.S. **Exports** or **Imports** to **Selected Countries** broken out by OEEI sectors. It can be filtered by the **Value** or **Quantity** and **Country** filters on the right.

Buttons at the bottom display different views you can toggle between. This current display is the **Regional Overview**.

This is a legend for the bar chart on the left.



This map visual fills in the respective **continent, region, or country** when selected.

Buttons can be used to choose between **Export** values and **Import** values. The current display shows **Exports**.

These filters allow users to filter graphics by:

- Continent
- Region
- Country
- Year (2004-2023)

PRODUCT OVERVIEW

Export and import data filtered by
Schedule B and HS codes

The map displays **Value** of **[Imports or Exports]** for a **Selected Year**. It can be filtered by all the filters on the right or by selecting a country from the list of countries at the bottom. Users can zoom in and click on countries to filter the rest of the graphics by that country.



General Overview Regional Overview **Product Overview**

Prepared by: U.S. International Trade Administration Office of Energy & Environmental Industries.

DEPARTMENT OF COMMERCE INTERNATIONAL TRADE ADMINISTRATION

Exports Imports

Year

All

Sector

All

Schedule B Concatenate

All

Partner	%GT Sum of Value
Canada	19.45%
Mexico	15.86%
China	8.60%
Germany	4.67%
South Korea	4.20%
Japan	3.73%
United Kingdom	3.40%
Singapore	3.20%
Netherlands	2.33%
Brazil	2.11%
Total	100.00%

Buttons can be used to choose between **Export** values and **Import** values. The current display shows **Imports**.

These filters allow users to filter various graphics by:

1. Year (2004-2023)
2. Sector
3. Harmonized System Code or Schedule B Concatenate

This table displays a list of countries ranked by **Percent Share** of the total **[Imports or Exports]** for the filtered range of data. It can be filtered by all the filters on the right. Users can use this to quickly see which countries represent the largest trading partners for a particular view.

The time-series line graph displays **Value** of **[Imports or Exports]** over the past twenty years. It can be filtered by all the filters on the right (except year) or it can be filtered by selecting a country in the map or a country in the list of countries.

Buttons at the bottom display different views you can toggle between. This current display is the **Product Overview**.