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CommodityMap Tariff Analysis Instructions

Introduction

This guidance document will walk you through the steps to use CommodityMap's Tariff Analysis Template. The excel file allows you to import data files from CommodityMap and the FAO to easily see the impacts of proposed and current US tariff rates resulting from recent executive orders.

Downloading necessary data

1. Download the Tariff Analysis Template ([link](#))

- This is the main file that you will use to understand tariff rates and combine CommodityMap and FAO data with those rates. It is available on the same page as this guidance document.
- Wherever you save the excel template file is where you should save the following files that you will need to download:

2. Download the CommodityMap Analysis CVS File

- Note: These instructions assume you're creating your first analysis in CommodityMap. If you've already created an analysis and, for every commodity, answered 'No' to the question 'Do you know where this <Commodity> supply was grown?', skip ahead to the section 'Download a CSV of Your CommodityMap Analysis'.
- If you would like to explore other CommodityMap features, please visit the [CommodityMap Help Center](#).

Creating a Commodity Map Account

- If you have not already done so, please create a free CommodityMap account by visiting the [Getting Started](#) guide.

Starting a New Analysis

- From the My Analyses page, click '+ Start new analysis'.

- On the **Start a new analysis** page, click **Go to input form** ->.
- On the **New analysis** page, type the name of your analysis and, optionally, select a measurement under 'Volume Unit'.
- Under 'Your commodities', click '**+ Add commodity**'.
- In the '**Select a commodity**' dialog, select your commodity, and click **Add commodity**. A new row with a gold border at the top appears with the name of commodity.
- Only commodities you add to this analysis will be available to analyze in the excel template. Feel free to add as many as you are interested in.

Adding Supply Data to Commodities


- Within the new commodity row just added, click + Add supply of this commodity.
- In the New Supply dialog, select the purchasing country and quantity purchased in metric tons.
- In response to the question "Do you know where this supply was grown?"
- Click No (This part is critical for the results shown in the excel template to be valid).
- Note: Purchased supply without information about where it was grown will have growing regions modeled by TSC's Trade Network Model. The result will be the most likely countries that could be producing your commodity.
- Optional: Enter a supplier name and amount spent.
- Optional: If you have taken actions to address sustainability issues related to the supply, click +Add action and select any actions in the supplied list.
- Click Save Supply.
- Note: You can repeat steps a-f if you wish to add more Purchasing countries and supplies (The answer to step c. must be 'No' (unknown grow location).
- Once you have completed adding all your commodities and corresponding supplies, create the analysis by clicking Analyze this data.

Download a CSV of Your CommodityMap Analysis

- With your analysis displayed, on the same line as the legend for the priorities, click **Download csv**.
- Move the downloaded .csv file to the same directory as the Tariff Analysis Template.
- Rename the file **CM Export.csv**

3. Download the FAO Export File

- Go to <https://www.fao.org/faostat/en/#data/TM>

- For **reporter country**, select the country whose imports you'd like to analyze. The template has tariff rates pre-loaded for the United States.
- For **partner countries**, click **Select All**.
- Select the 'Import Quantity' under **Elements**.
- For **Items**:
 - Select the dropdown in the top right that says “ CPC” and select **FAO**.
 - Click **Select All**
- Select **Year** 2021
 - Note: You must use 2021 to ensure that data matches the export from CommodityMap properly. Using more recent years *can* work, but if a country has crossed the 1% threshold between 2021 and the year you use, it can cause them to be incorrectly identified as a broker or not appear in the results at all.
- Click **Download Data**

A file labeled FAOSTAT_data_<language+date>.csv will be downloaded.
- Move this file to the same directory as the Tariff Analysis Template directory.
- Rename this file **FAOSTAT_data_USA_imports_2021.csv**


You should now have 3 files in the same directory:

- CM Tariff Template.xlsx
- CM Export.csv
- FAOSTAT_data_USA_imports_2021.csv

View Results

Configuring the Sheet Settings

- Open the Tariff Analysis Template

Note: the first time opening you will receive a warning about PROTECTED VIEW. Click **Enable Editing**. A second warning will appear: SECURITY WARNING. Click **Enable Content**. The Excel Workbook utilizes Power Query to import the necessary files.
- Open the ‘ Settings’ sheet,
 - **Select a Commodity**: select a commodity that exists in your CM Export.csv file.
 - **Select a Tariff**: choose either **universal** or **reciprocal** tariffs.

Note: a universal tariff is a flat or uniform rate applied across all countries and all goods while a reciprocal tariff refers to tariff rates that match those imposed by trading partners — a tit-for-tat approach to tariffs.

- **Workbook location:** this will show the directory you saved the Tariff Analysis Template and all the downloaded files. Please do not change this setting.

Example: C:\tariff_analysis\

Custom Tariff Data (Optional)

If you are based outside the US, want to update the rates to a new executive order, or otherwise wish to edit the included tariff rates, you can access them in the ‘Tariff Rates’ sheet. Simply edit any values you wish to change and then refresh the table on the Results sheet to see your new values reflected.

View Results

- Click on the **Results** sheet.
- Right click anywhere on the table and select **Refresh**.

Example Result using Bananas and Universal Tariffs:

Trade & Tariff Portion of the result

Partner Countries	Item	Unit	Volume (FAO)	Flag	Flag Description	Tariff	Partner Type
Colombia	Bananas	t	338,628.55	A	Official figure	10	Producer
Costa Rica	Bananas	t	814,187.05	A	Official figure	10	Producer
Ecuador	Bananas	t	685,486.99	A	Official figure	10	Producer
Panama	Bananas	t	88,934.99	A	Official figure	10	Producer
Guatemala	Bananas	t	1,911,517.39	A	Official figure	10	Producer

Fields Included

- Partner Countries: the country that exported the commodity to your location (US in our example).
- Item: name of the commodity
- Unit: measurement unit. t=metric tonnes.
- Volume (FAO): the quantity of the traded commodity using the specified unit
- Flag: indicates data quality/source of reported trade
- Flag Description: explanation of the flag.
- Tariff: tax on imported goods.
 - If this is blank:

- **Canada and Mexico:** the tariff rate will depend upon the USMCA status of the product. Goods that qualify under USMCA will be duty-free, while goods that do not qualify will face a 25% tariff.
- **China:** the tariff rate is currently at 125%
- **Countries already sanctioned, (e.g. Cuba, Russia, North Korea):** these countries are exempt from all of the current executive orders released by President Trump as of 7/18/2025. They are known as ‘Column 2’ countries due to pre-existing tariffs listed in column 2 of the US Harmonized Tariff Schedule (HTS) implementing sanctions against these countries.
- **Partner Type:**
 - **Producer:** A country estimated to be producing the commodity and exporting directly
 - **Broker:** A country estimated to be importing and re-exporting the commodity, making the ESG scores irrelevant
- **CommodityMap Overall Score:** the average of the normalized ESG issue prioritization scores. For the individual scores (deforestation, biodiversity, water, child labor, forced labor and governance) please see our [documentation](#) for further details.

CommodityMap Portion of the result

CommodityMap Overall Score ▾	Deforestation ▾	Biodiversity ▾	Water ▾	Child Labor ▾	Forced Labor ▾	Governance ▾
0.69						
0.41						
0.53						
0.36						
0.37						
0.53						
0.52						

Further Analysis

In addition to using the template as built to compare trade/tariff status to ESG priorities, you can also extend the data and adapt it to your needs.

- Instead of using the CommodityMap Overall Score, which simply averages all individual issue scores, you could compute your own aggregate, weighting various issues however best suits your needs.
- Add a ‘spend’ column with a price estimate to calculate the increase in cost due to the tariff.

Limitations and exceptions

- *This tool was last updated on July 18, 2025. At this time, Executive Order 14316 is the most current order that has been released, and this is what the tariff rates listed in the tool reflect.*
- *This template does not display the effective tariff rate; it only displays the changes proposed in recent executive orders. In some cases, this is additive to other tariffs already in place.*