



# FAF INTERACTIVE TOOL USER GUIDE

[Document subtitle]

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# FAF Interactive Tool User Guide

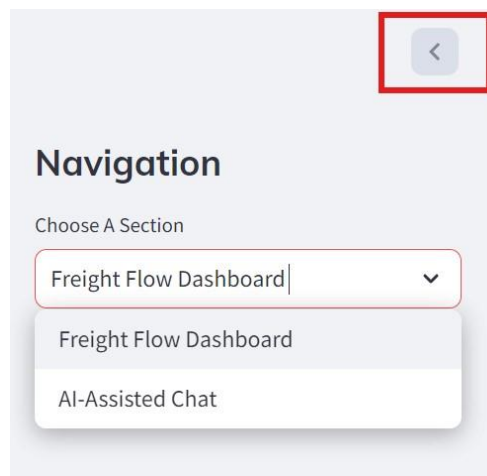
## 1. Introduction

FAF Interactive Tool provides an informative platform for visualizing and querying FAF disaggregated commodity flows among the counties in Florida. The tool consists of two main sections: 1) FAF disaggregated flow dashboard and 2) AI data analyst.

The dashboard visualizes FAF disaggregated commodity flow data in 2020 and 2050. If you can't find the answer in the dashboard, the AI data analyst will generate the analysis results, charts, and files for downloading based on your specific requirements.

## 2. Getting Started

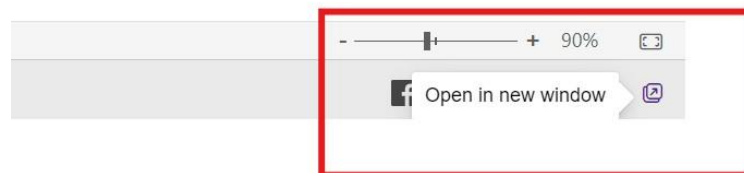
You will be on the dashboard page by default. To navigate to a different section, use the sidebar on the left to select your desired section. You can also close the sidebar by clicking on the upper right corner.



## 3. FAF disaggregated flow dashboard

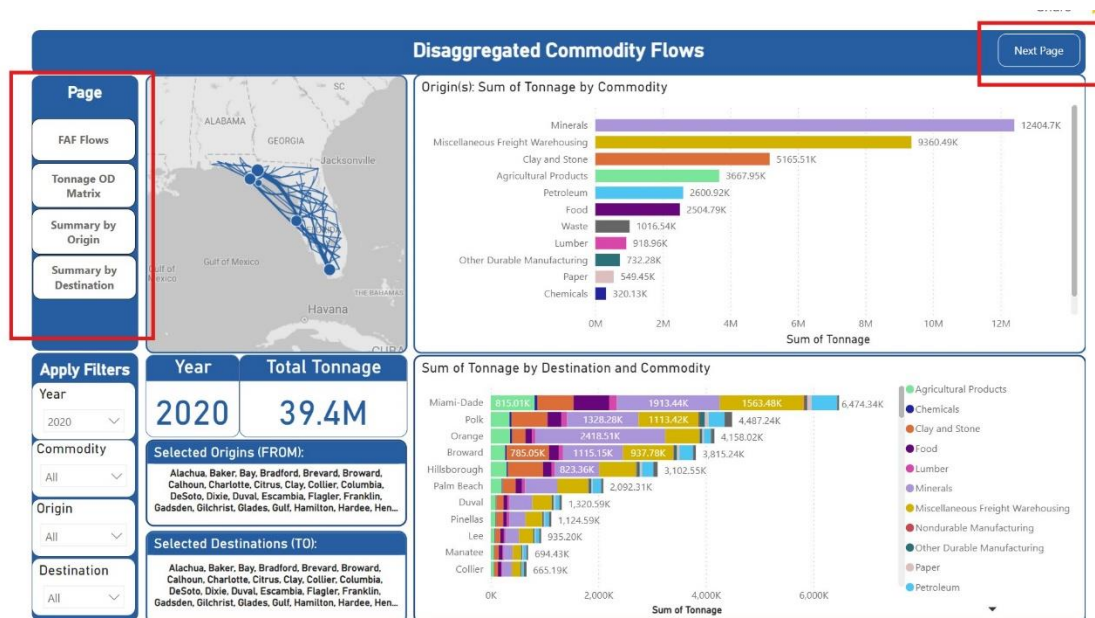
- View

You can browse the content on the page by default. You can also click "Open in new window" to explore the full-page view (This action will open a new window).



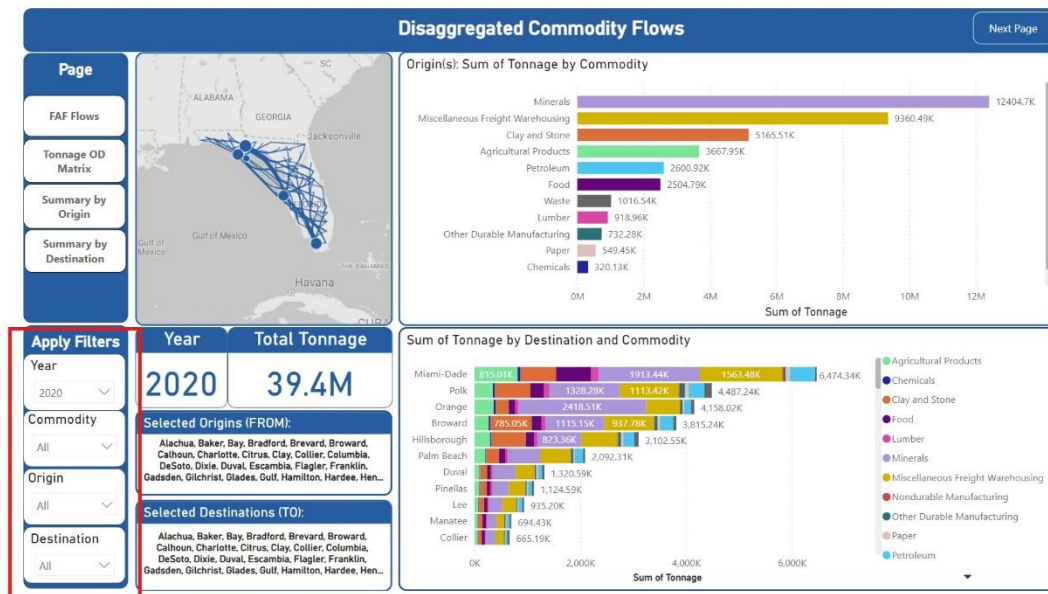
## • Navigation

Use the ‘Page’ filter or the buttons of “Previous Page” and “Next Page” to navigate among the pages



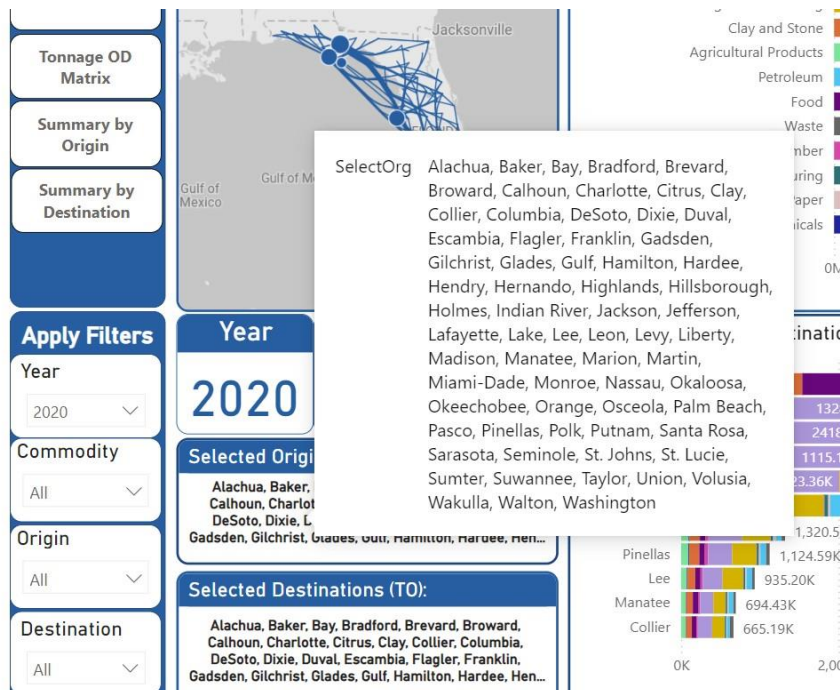
## • Data Selection

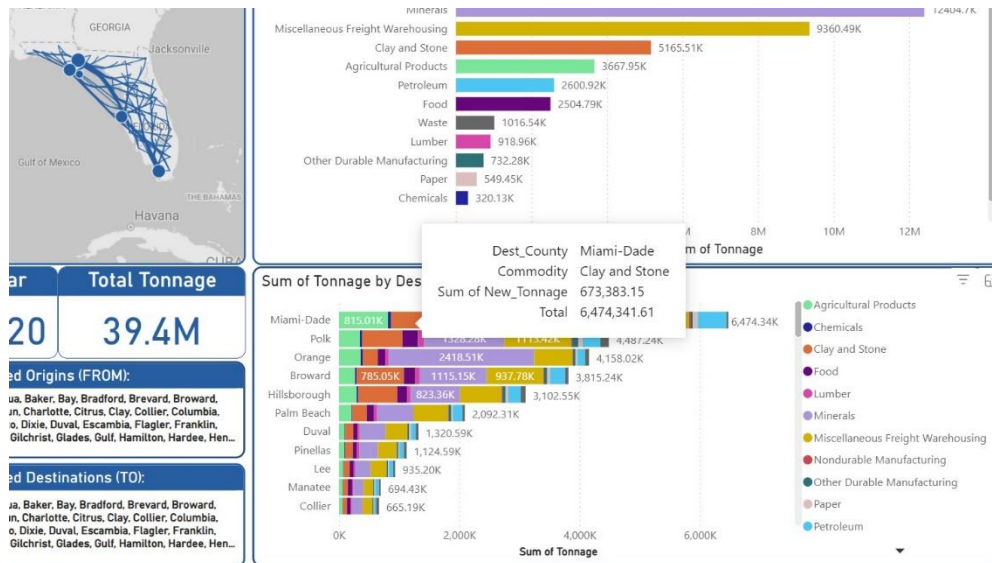
Use the filters of “County”, “Commodity” or “Year” to select the desired dataset for visualization



- Display

The information should be displayed in the content. If not, move the mouse hovering over the content to display the data





## 4. AI Data Analyst

If you don't find the answer or prefer to skip the dashboard, ask the AI Data Analyst

The AI Data Analyst is trained on the FAF Disaggregated Commodity Flow dataset. The AI Data Analyst can perform the descriptive data analysis, generate the corresponding charts, and create the download file for your specific requirements.

The FAF Disaggregated Commodity Flow dataset contains 5 columns:

- Origin: All Florida Counties
- Destination: All Florida Counties
- Commodity: 12 types (Nondurable Manufacturing, Paper, Chemicals, Other Durable Manufacturing, Lumber, Waste, Food, Petroleum, Agricultural Products, Clay and Stone, Miscellaneous Freight Warehousing, Minerals)
- Year: Year 2020 and Year 2050
- Tonnage: Numerical tonnage

**When asking the AI Data Analyst questions, please be as specific as possible.**

### Data Analysis

For example, you can start by asking "What is the total tonnage of Alachua as the origin in 2020?".

It will take several seconds for the AI data analyst to give you the answer.

**The AI data analyst remembers the previous conversations** (questions and answers). Therefore, if you want to break down the results from the previous question(the total tonnage of Alachua as the origin in 2020). You can ask “ Can you break it down by commodity?”.



what is the total tonnage of Alachua as the origin in 2020?



The total tonnage of Alachua as the origin in the year 2020 is 1,842,175.0 tons. If you need further analysis or information from the data, feel free to ask!



Can you break it down by commodity?



Here is the breakdown of the total tonnage originating from Alachua in 2020, by commodity:

- **Agricultural Products:** 18,025 tons
- **Chemicals:** 8,650 tons
- **Clay and Stone:** 173,725 tons
- **Food:** 16,900 tons
- **Lumber:** 11,800 tons
- **Minerals:** 659,300 tons
- **Miscellaneous Freight Warehousing:** 892,175 tons
- **Nondurable Manufacturing:** 2,200 tons
- **Other Durable Manufacturing:** 11,725 tons
- **Paper:** 9,700 tons
- **Petroleum:** 22,275 tons
- **Waste:** 15,700 tons

If you need more detailed analysis or further breakdowns, let me know!

## Chart Generating

If you want to plot a chart based on the “Total tonnage of Alachua as the origin in 2020 by commodity”, you continue to ask “ Can you plot this as a chart?”

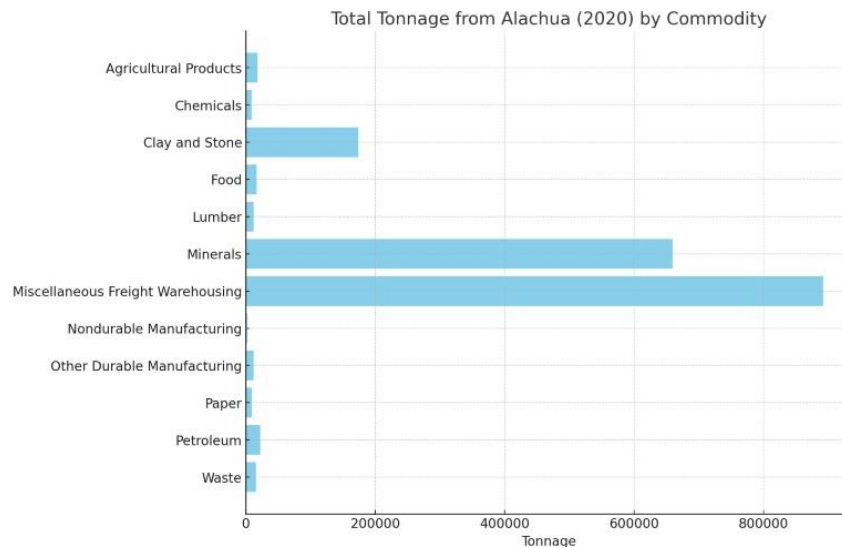


Can you plot this as a chart?



Here is the bar chart displaying the total tonnage originating from Alachua in 2020, broken down by commodity. As you can see, most of the tonnage is from 'Miscellaneous Freight Warehousing' followed by 'Minerals'.

Should you need any further breakdown or additional analysis, please let me know!



In the example here, if you want to make better visualization, you continue to ask “Can you sort the tonnage by descending order?”



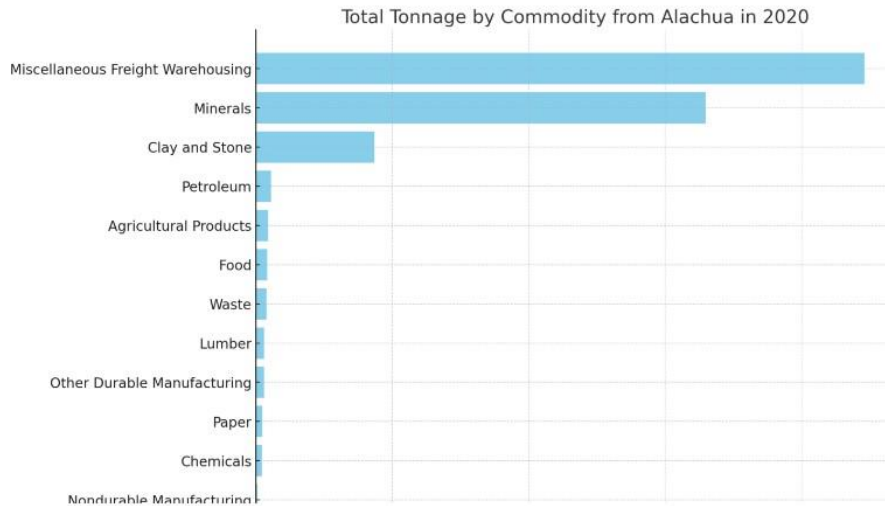


Can you sort the tonnage by descending order?



The chart now displays the total tonnage originating from Alachua in 2020, sorted by commodity in descending order. As you can observe, 'Miscellaneous Freight Warehousing' and 'Minerals' are the top categories.

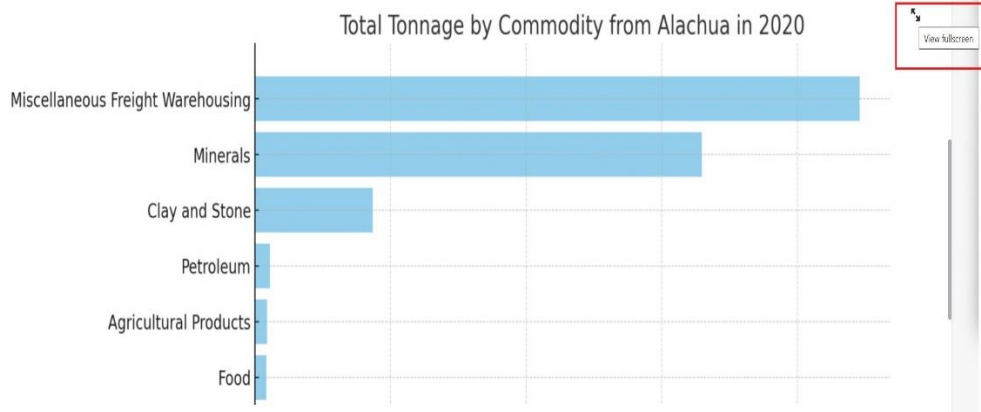
If you need more details or further analysis, please let me know!

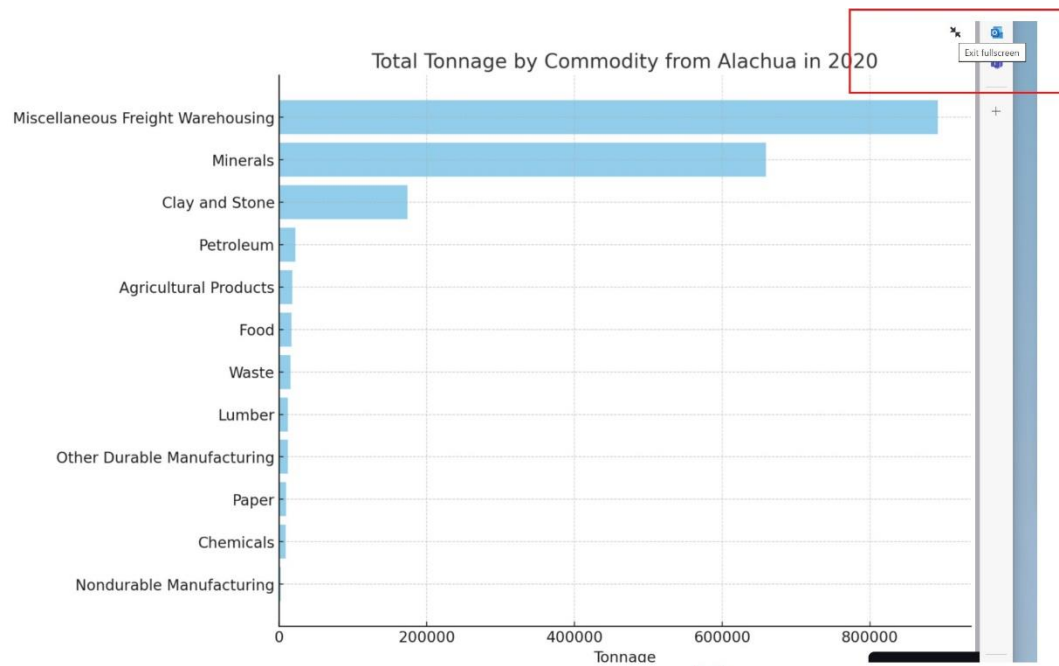


Start here! Ask a question about the data



You can click on the upper right corner of the chart for the “view fullscreen”. When you are on the full screen of the chart, click on the same spot to go back to the AI Data Analyst.

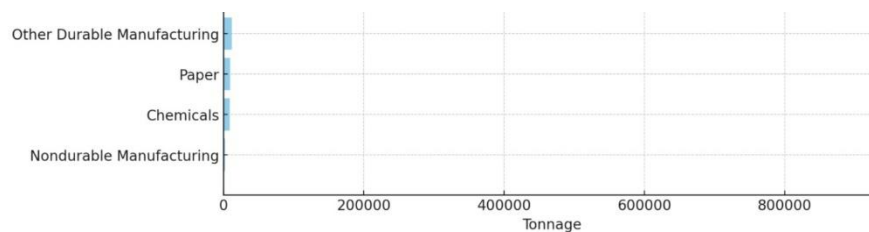




To save the chart, use the mouse right-click and “save image as”

## Data for Downloading

If you want to save the query results as a CSV file, you just ask” Can you transform the results to a download file?” Click the link, the file will be downloaded to your local “Downloads”



Can you generate a download file for this?



I have created a CSV file containing the sorted tonnage data for Alachua in 2020. You can download it from the link below

[Download Alachua\\_Tonnage\\_2020\\_Sorted.csv](#)

## Incorrect Information

In case of incorrect information given by the AI Data Analyst, rephrase the question to be more specific or ask the same question again