

**Ghana**

**Ghana Statistical Service  
Ghana Revenue Authority, Customs Division**

# **Ghana International Merchandise Trade Data 2022**

## **Study Documentation**

August 30, 2023

# Metadata Production

|                      |  |
|----------------------|--|
| Metadata Producer(s) | Ghana Statistical Service (GSS)  |
| Production Date      | August 14, 2023  |
| Version              | Version 0.1 (August 2023): Basic raw data, obtained from Customs Declaration Records |
| Identification       | DDI-GHA-GSS-TRADE-2022-v01   |

# Table of Contents

|  |                   |
|--|-------------------|
| <a href="#">Overview.....</a>  | <a href="#">4</a> |
| <a href="#">Scope &amp; Coverage.....</a>                            | <a href="#">4</a> |
| <a href="#">Producers &amp; Sponsors.....</a>                        | <a href="#">4</a> |
| <a href="#">Data Collection.....</a>                                 | <a href="#">5</a> |
| <a href="#">Data Processing &amp; Appraisal.....</a>                 | <a href="#">5</a> |
| <a href="#">Files Description.....</a>                               | <a href="#">6</a> |
| <a href="#">Ghana International Merchandise Trade Data 2022.....</a> | <a href="#">6</a> |
| <a href="#">Variables List.....</a>                                  | <a href="#">7</a> |
| <a href="#">Ghana International Merchandise Trade Data 2022.....</a> | <a href="#">7</a> |
| <a href="#">Variables Description.....</a>                           | <a href="#">8</a> |
| <a href="#">Ghana International Merchandise Trade Data 2022.....</a> | <a href="#">9</a> |

## Ghana International Merchandise Trade Data 2022

| Overview  |   |
|---|---|
| Type  | Administrative Records, Other (ad/oth]  |
| Identification  | DDI-GHA-GSS-TRADE-2022  |
| Version   | Production Date: 2022-08-14<br>v0.1: Basic raw data, obtained from Customs Declaration Records                          |
| Series  | This is the first of the series of Ghana's international merchandise trade, comprised of imports and exports, for 2022. |
| <b>Abstract</b><br>The Ghana International Merchandise Trade Data 2022 serves a comprehensive repository of information detailing Ghana's imports and exports for the year 2022. The dataset's primary objectives include informing evidence-based policies and facilitating comprehensive research on trade dynamics. Sourced from the Customs Division of the Ghana Revenue Authority, the dataset follows the International Merchandise Trade Statistics Manual of the United Nations, ensuring methodological rigor. This structured dataset containing key indicators like trade values, partner countries, and commodity codes, presents an invaluable resource for understanding Ghana's trade patterns. |   |
| Kind of Data  | Administrative records data [adm]   |
| Unit of Analysis  | Countries, commodities  |

| Scope & Coverage  |   |
|---|---|
| <b>Scope</b><br>The scope of the Ghana International Merchandise Trade Data 2022 is all Ghana's imports and exports that fall under the general trade system in 2022. The scope of this dataset includes the direction of trade, partner countries, as well as commodity descriptions based on the Harmonized System classification system. |   |
| Keywords  | Trade, International Trade, Trade Policy, Trade Balance, Exports, Imports, Harmonized System, Free On Board (FOB), Cost, Insurance, and Freight (CIF) |
| Topics  | Trade, International Trade, Trade Policy, Trade Balance, Exports, Imports, Harmonized System, Free On Board (FOB), Cost, Insurance, and Freight (CIF) |
| Time Period(s)  | 2022  |
| Countries   | Ghana   |
| <b>Geographic Coverage</b><br>National coverage of all international trade with the rest of the world.  |   |
| <b>Universe</b><br>All exports and imports under the general trade system, as outlined in the International Merchandise Trade Statistics Manual of the United Nations.  |   |

| Producers & Sponsors    |  |
|-------------------------|--|
| Primary Investigator(s) | Ghana Statistical Service<br>Ghana Revenue Authority, Customs Division |

| Data Collection              |  |
|------------------------------|--|
| <b>Data Collection Dates</b> | start 2022-01-01<br>end 2022-12-31               |
| <b>Data Collection Mode</b>  | Other [oth]                                      |
| <b>Data Collector(s)</b>     | Ghana Revenue Authority (GRA) , Customs Division |

| Data Processing & Appraisal |   |
|-----------------------------|---|
| <b><u>Data Editing</u></b>  | Customs Declaration Records is the primary data source. The data editing followed the International Merchandise Trade Statistics (IMTS) Manual of the United Nations. There is a dedicated technical manual which further details the application of the IMTS principles to Ghana's trade data. For comprehensive insights into the methodology, consult the Ghana Statistical Service International Merchandise Trade Statistics Technical Manual. |

# Files Description

Dataset contains 1 file(s)

| Ghana International Merchandise Trade Data 2022   |        |
|---|--------|
| # Cases   | 287444 |
| # Variable(s)   | 12     |
| <b><u>File Content</u></b><br>The file contains data on Ghana's imports and exports in the year 2022. The file contains the value of trade in both Ghana Cedis and US Dollars. The data is grouped by the direction of trade (import or export), month, partner country, and 10-digit Harmonized System (HS) Codes. Additionally, the corresponding 2- and 4-digit HS codes are given, as well as their descriptions. The file was generated using R. |        |
| <b><u>Producer</u></b><br>Ghana Statistical Service   |        |

# Variables List

Dataset contains 12 variable(s)

| File Ghana International Merchandise Trade Data 2022 |                             |   |            |               |        |         |          |
|--|-----------------------------|---|------------|---------------|--------|---------|----------|
| #  | Name                        | Label                                       | Type       | Format        | Valid  | Invalid | Question |
| 1  | <a href="#">Year</a>        | Year of trade                               | discrete   | character-8   | 287444 | -       | -        |
| 2  | <a href="#">Month</a>       | Month of trade                              | discrete   | numeric-8.0   | 287444 | 0       | -        |
| 3  | <a href="#">Tradeflow</a>   | Direction of trade                          | discrete   | character-6   | 287444 | 0       | -        |
| 4  | <a href="#">Partner ..</a>  | Partner country                             | discrete   | character-32  | 287444 | 0       | -        |
| 5  | <a href="#">HS2</a>         | 2-digit HS code for commodity               | discrete   | character-2   | 287444 | 0       | -        |
| 6  | <a href="#">Descript..</a>  | Description of commodity (2-digit HS code)  | discrete   | character-60  | 287444 | 0       | -        |
| 7  | <a href="#">HS4</a>         | 4-digit HS code for commodity               | discrete   | character-4   | 287444 | 0       | -        |
| 8  | <a href="#">Descript..</a>  | Description of commodity (4-digit HS code)  | discrete   | character-74  | 287444 | 0       | -        |
| 9  | <a href="#">HS10</a>        | 10-digit HS code for commodity              | discrete   | character-10  | 287444 | 0       | -        |
| 10   | <a href="#">Descript..</a>  | Description of commodity (10-digit HS code) | discrete   | character-250 | 287444 | -       | -        |
| 11   | <a href="#">Tradeval ..</a> | Trade value in Ghana Cedis                  | continuous | numeric-8.2   | 287444 | 0       | -        |
| 12   | <a href="#">Tradeval ..</a> | Trade value in US Dollars                   | continuous | numeric-8.2   | 287444 | 0       | -        |

# Variables Description

**Dataset contains 12 variable(s)**



## File : Ghana International Merchandise Trade Data 2022

### # Year: Year of trade

|                    |   |        |            |
|--------------------|---|--------|------------|
| Information        | [Type= discrete] [Format=character] [Missing=*] |        |            |
| Statistics [NW/ W] | [Valid=287444 -/]                               |        |            |
| Value              | Label   | Cases  | Percentage |
| 2022               |   | 287444 | 100.0%     |

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # Month: Month of trade

|                    |   |       |            |
|--------------------|---|-------|------------|
| Information        | [Type= discrete] [Format=numeric] [Range= 1-12] [Missing=*] |       |            |
| Statistics [NW/ W] | [Valid=287444 -/] [Invalid=0 -/]                            |       |            |
| Value              | Label   | Cases | Percentage |
| 1                  | January   | 23973 | 8.3%       |
| 2                  | February  | 23844 | 8.3%       |
| 3                  | March   | 24644 | 8.6%       |
| 4                  | April   | 23276 | 8.1%       |
| 5                  | May   | 24063 | 8.4%       |
| 6                  | June  | 24583 | 8.6%       |
| 7                  | July  | 23911 | 8.3%       |
| 8                  | August  | 25080 | 8.7%       |
| 9                  | September   | 23824 | 8.3%       |
| 10                 | October   | 22917 | 8.0%       |
| 11                 | November  | 23848 | 8.3%       |
| 12                 | December  | 23481 | 8.2%       |

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # Tradeflow: Direction of trade

|                    |   |        |            |
|--------------------|---|--------|------------|
| Information        | [Type= discrete] [Format=character] [Missing=*] |        |            |
| Statistics [NW/ W] | [Valid=287444 -/] [Invalid=0 -/]                |        |            |
| Value              | Label   | Cases  | Percentage |
| Export             |   | 36025  | 12.5%      |
| Import             |   | 251419 | 87.5%      |

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### # Partner\_ Country: Partner country

|                    |   |  |  |
|--------------------|---|--|--|
| Information        | [Type= discrete] [Format=character] [Missing=*] |  |  |
| Statistics [NW/ W] | [Valid=287444 -/] [Invalid=0 -/]                |  |  |

### # HS2: 2-digit HS code for commodity

|                    |   |  |  |
|--------------------|---|--|--|
| Information        | [Type= discrete] [Format=character] [Missing=*] |  |  |
| Statistics [NW/ W] | [Valid=287444 -/] [Invalid=0 -/]                |  |  |

### # Description\_HS2: Description of commodity (2-digit HS code)

|                    |   |  |  |
|--------------------|---|--|--|
| Information        | [Type= discrete] [Format=character] [Missing=*] |  |  |
| Statistics [NW/ W] | [Valid=287444 -/] [Invalid=0 -/]                |  |  |

### # HS4: 4-digit HS code for commodity

|             |   |  |  |
|-------------|---|--|--|
| Information | [Type= discrete] [Format=character] [Missing=*] |  |  |
|-------------|---|--|--|

## File : Ghana International Merchandise Trade Data 2022

### # HS4: 4-digit HS code for commodity

|                    |                                  |
|--------------------|----------------------------------|
| Statistics [NW/ W] | [Valid=287444 /-] [Invalid=0 /-] |
|--------------------|----------------------------------|

### # Description\_HS4: Description of commodity (4-digit HS code)

|             |   |
|-------------|---|
| Information | [Type= discrete] [Format=character] [Missing=*] |
|-------------|---|

|                    |                                  |
|--------------------|----------------------------------|
| Statistics [NW/ W] | [Valid=287444 /-] [Invalid=0 /-] |
|--------------------|----------------------------------|

### # HS10: 10-digit HS code for commodity

|             |   |
|-------------|---|
| Information | [Type= discrete] [Format=character] [Missing=*] |
|-------------|---|

|                    |                                  |
|--------------------|----------------------------------|
| Statistics [NW/ W] | [Valid=287444 /-] [Invalid=0 /-] |
|--------------------|----------------------------------|

### # Description\_HS10: Description of commodity (10-digit HS code)

|             |   |
|-------------|---|
| Information | [Type= discrete] [Format=character] [Missing=*] |
|-------------|---|

|                    |                   |
|--------------------|-------------------|
| Statistics [NW/ W] | [Valid=287444 /-] |
|--------------------|-------------------|

### # Tradevalue\_Cedis: Trade value in Ghana Cedis

|             |  |
|-------------|--|
| Information | [Type= continuous] [Format=numeric] [Range= 0-4391467172.95] [Missing=*] |
|-------------|--|

|                    |   |
|--------------------|---|
| Statistics [NW/ W] | [Valid=287444 /-] [Invalid=0 /-] [Mean=1018337.713 /-] [StdDev=26804606.791 /-] |
|--------------------|---|

### # Tradevalue\_USD: Trade value in US Dollars

|             |   |
|-------------|---|
| Information | [Type= continuous] [Format=numeric] [Range= 0-450327787.850699] [Missing=*] |
|-------------|---|

|                    |  |
|--------------------|--|
| Statistics [NW/ W] | [Valid=287444 /-] [Invalid=0 /-] [Mean=125221.34 /-] [StdDev=3152588.707 /-] |
|--------------------|--|