

Philippines - Commodity Flow in the Philippines 2020

Philippine Statistics Authority (PSA)

Report generated on: February 16, 2023

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Overview

Identification

ID NUMBER
PHL-PSA-CFP-2020-v2.0

Version

VERSION DESCRIPTION
v2.0: Final dataset, anonymized.

PRODUCTION DATE
2021-04-30

Overview

ABSTRACT

The Commodity Flow in the Philippines is a compilation of domestic trade statistics that generates comprehensive statistics by mode of transport.

The domestic trade data contained the flow of goods through airports and seaports in the country, whether for government or private use or commercial purposes. Trade in land is excluded because of the absence of an approach or system to capture such information. Since 2007, rail transport statistics are excluded due to the rehabilitation and upgrading of the Philippine National Railway (PNR).

Coasting manifests are collected from major ports and other active seaports listed by the Philippine Ports Authority (PPA) all over the country. On the other hand, air waybills are collected from all domestic airports operated by Philippine Airlines (PAL) nationwide.

There are two kinds of domestic trade statistics in this report, namely:

- a. Air trade statistics refer to the movement of commodities from one airport to another within the country through air transport system; and
- b. Coastwise trade and coastwise passenger statistics refer to the flow of commodities/passengers from one port to another within the country through a water transport system.

The coasting cargo manifest contains information on port of origin, port of destination, area of occupancy, type of handling, description of commodity, weight, value, and freight charges. On the other hand, the air waybill contains the station of destination of the commodity, station of origin of the commodity, actual gross weight, declared value, equivalent volume weight, rate basis, rate class, description of the commodity, issuing office, PAL charges, freight forwarder charges, and total freight charges. Only actual gross weight, declared value, description of the commodity, station of origin, the station of destination, and total freight charges are included in the domestic trade statistics.

Documents collected from the provincial sales offices, stations, and collection points of PPA are sorted by port or station and by month; recorded; bundled and numbered by type of document, by port or station, and by month. After which, the documents undergo manual and machine processing to ensure that all documents are checked and verified as to completeness and accuracy of entries.

Data on the inflow and outflow value of commodities in the different regions of the country are used to construct inter-regional and inter-industry relation tables. These serve as bases in the formulation and implementation of various regional development programs like countryside development and port planning.

KIND OF DATA
Administrative records data [adm]

UNITS OF ANALYSIS

Commodities traded within the Philippines

Scope

NOTES

The Commodity Flow in the Philippines covers the following:

- Coastwise trade of all commodities and coastwise passenger volume in 65 major ports and 517 municipal and private ports listed by Philippine Ports Authority (PPA).
- Air trade of all commodities in 46 Philippine Airlines operated domestic airports.
- Rail trade of all commodities in 51 Philippine National Railways stations, with only 27 stations are operating (before 2004).

TOPICS

Topic	Vocabulary	URI
Transport	Philippine Statistics Authority (PSA)	

Coverage

GEOGRAPHIC COVERAGE

National

Regional

Provincial

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Philippine Statistics Authority (PSA)	National Economic and Development Authority (NEDA)

OTHER PRODUCER(S)

Name	Affiliation	Role
Philippine Ports Authority	DOTr	Documents Sources

FUNDING

Name	Abbreviation	Role
Government of the Philippines	GOP	Full funding

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Philippine Airlines		Documents Sources
Various Shipping Companies		Documents Sources

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Trade Statistics Division	TSD	Philippine Statistics Authority (PSA)	Documenter
Assistant National Statistician	ANS, ESSS	Philippine Statistics Authority (PSA)	Reviewer

DATE OF METADATA PRODUCTION
2021-12-02

DDI DOCUMENT VERSION
Version 1.0- First metadata documentation of CFP 2020

DDI DOCUMENT ID
DDI-PHL-PSA-CFP-2020-v1.0

Sampling

No content available

Questionnaires

Overview

The Philippine Coastwise Passenger Manifest contains information on passengers commuting through the water transport system. Coasting Manifest (BC Form No. 78) and Philippine Coastwise Passenger Manifest (BC Form No. 460) are the two basic documents required to be submitted before a vessel is given clearance to leave or clear a port and contains a list of passengers carried by vessel respectively.

-The Outward Coasting Manifest contains information on the following:

1. Port of Origin
2. Port of Destination
3. Year
4. Month
5. Description of Commodity
6. Area of Occupancy
7. Type of Handling
8. Weight
9. Value
10. Freight

Air Waybill (PAL Form No. F-0777 A) issued by PAL to every consignee is the administrative form used.

-The Air Waybill (AWB) contains the following information:

1. Station of Origin
2. Station of Destination
2. Description of Commodity
3. Actual Gross Weight
4. Grand Total Charges
5. Declared value

The Philippine National Railways (PNR) uses the Report of Outgoing Shipments (DROS) as the basic document in generating the rail trade statistics which is the summary of the daily cargoes shipped through the PNR.

-The Daily Report of Outgoing Shipment includes the following information:

1. Station of Origin
2. Station of Destination
3. Year
4. Month
5. Weight
6. Description of commodity
7. Declared Value
8. Freight or Express Charges

Data Collection

Data Collection Mode

Administrative form [adm]

Data Collection Notes

The source document for coastwise trade statistics is the Outward Coasting Manifest (Bureau of Customs Form No. 78), submitted by masters of vessels plying the inter-island ports to the collectors of the Philippine Ports Authority (PPA) or their authorized representatives before the vessel leaves the port area. The Philippine Coastwise Passenger Manifest containing information on passengers commuting, along with the Outward Coasting Manifest, is collected when a vessel carries both cargo and passengers. Otherwise, only one document is collected. The PSA is provided with copies of these documents which are collected by PSA field personnel from the PPA offices in the provinces. The documents collected are sorted, bundled, coded, edited, transcribed into processing sheets, and encoded in the PSA provincial offices. These are then forwarded to the PSA Central Office for further processing.

The data source for airway trade statistics is the Air Waybill (AWB) issued by the Philippine Airlines (PAL) to every consignee. The acceptance and sales clerks of PAL prepares an extra copy of every AWB issued and the corresponding sales reports which are collected by PSA field personnel. The documents collected are sorted, bundled, coded, edited, and encoded in the field before transmitting to the PSA Central Office. Documents collected from Metro Manila sales offices are transmitted to and processed at the PSA National Capital Region (NCR), then forwarded thru e-mail to PSA Central Office for further processing.

The basic document used in generating the rail trade statistics is the Daily Report of Outgoing Shipment (DROS) which is the summary of the daily cargoes shipped through the Philippine National Railways (PNR). The information contained in this form is copied by PNR personnel from the express/freight shipping orders issued for the day. The forms accomplished by station agents are collected by PSA field personnel. These are then sorted, bundled, coded, edited, and encoded in the field before submission to the PSA Central Office for further processing.

Questionnaires

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Supervision

The Trade Statistics Division (TSD) shall be accountable for the validation, consolidation, tabulation, analysis, and dissemination of the results through the Special Release and Annual Publication.

The Regional Statistical Services Office (RSSO) and the Provincial Statistics Office (PSO) shall be responsible for the field operation.

a. The Regional Director (RD) is responsible for the overall implementation of the system in his/her region of responsibility. RD monitors the collection, manual processing of documents as well as the submission of data (soft copy) to the central offices; ensures the deadline in the collection and transmittal of processed documents and soft copy in the Central Office is strictly followed and prepares monthly progress and narrative reports to be submitted to the Chief of Trade Statistics Division.

b. The Provincial Statistics Officer (PSO) is responsible for the phases of the operation that are to be done in the provincial office. PSO supervises the collection and processing of documents; informs the Regional Director (RD) about the status of the collection and processing of documents in the province; transmits the processed documents/sheets to the Central Office; and prepares monthly progress reports, narrative and financial reports and submits these to the Regional Office. The PSO submits the reports to the RD for consolidation. All PSO's reports are expected to reach the RD not later than 45 days after the reference month.

Data Processing

Data Editing

Manual verification of bundled and coded processing sheets and documents is done by the statistician at the provincial offices.

Completeness check of data files emailed from provincial offices is done by a statistician at the central office.

Other Processing

The Provincial Office personnel do the manual processing of documents. The documents are processed and simultaneously transcribed in the processing sheets.

The processed and bundled documents/processing sheets then undergo data entry and machine validation (i.e., completeness and consistency checks).

Data Appraisal

Other forms of Data Appraisal

A series of data tables are available to review the quality of the data and are shown in the appendix of the final report and the external resources section.

- Quantity and Value of Domestic Trade

If quantity and value are not given within the coasting manifest gathered, the value is estimated based on the prevailing unit price in the area, transcribing the data into the processing sheet (PS).