



IMO Project on Improving Availability of Maritime
Transport Costs Data in the Pacific Region

Progress Summary

Objectives

- Improve SIDS availability of maritime transport cost data to assess potential GHG reduction measures in shipping
- Establish baseline and initial model of the impact of a hypothetical increase in transport costs or change in connectivity patterns on Pacific SIDS
- Continued/durable monitoring and data collection system of maritime transport costs

Methodology

Phase 1 Transport cost data

- **Task 1.** Validate impact assessment objectives ✓
- **Task 2.** Develop a list of data and format required to assess transport cost impact ✓
- **Task 3.** Workshop with counterpart countries to review existing data, sources and cargo to be assessed by country
- **Task 4.** Identify data gaps
- **Task 5.** Determine steps to improve data collection
- **Task 6.** Recommend actions to improve data gaps

Report 1

Countries summary reports

Phase 2 Preliminary impact model

- **Task 7.** Define model baseline
- **Task 8.** Stakeholders' consultation to discuss assumptions and qualitative proxies
- **Task 9.** Refine and describe model methodology
- **Task 10.** Simulate impacts

Report 2

Data analysis and modeling approach

Phase 3 Capacity building

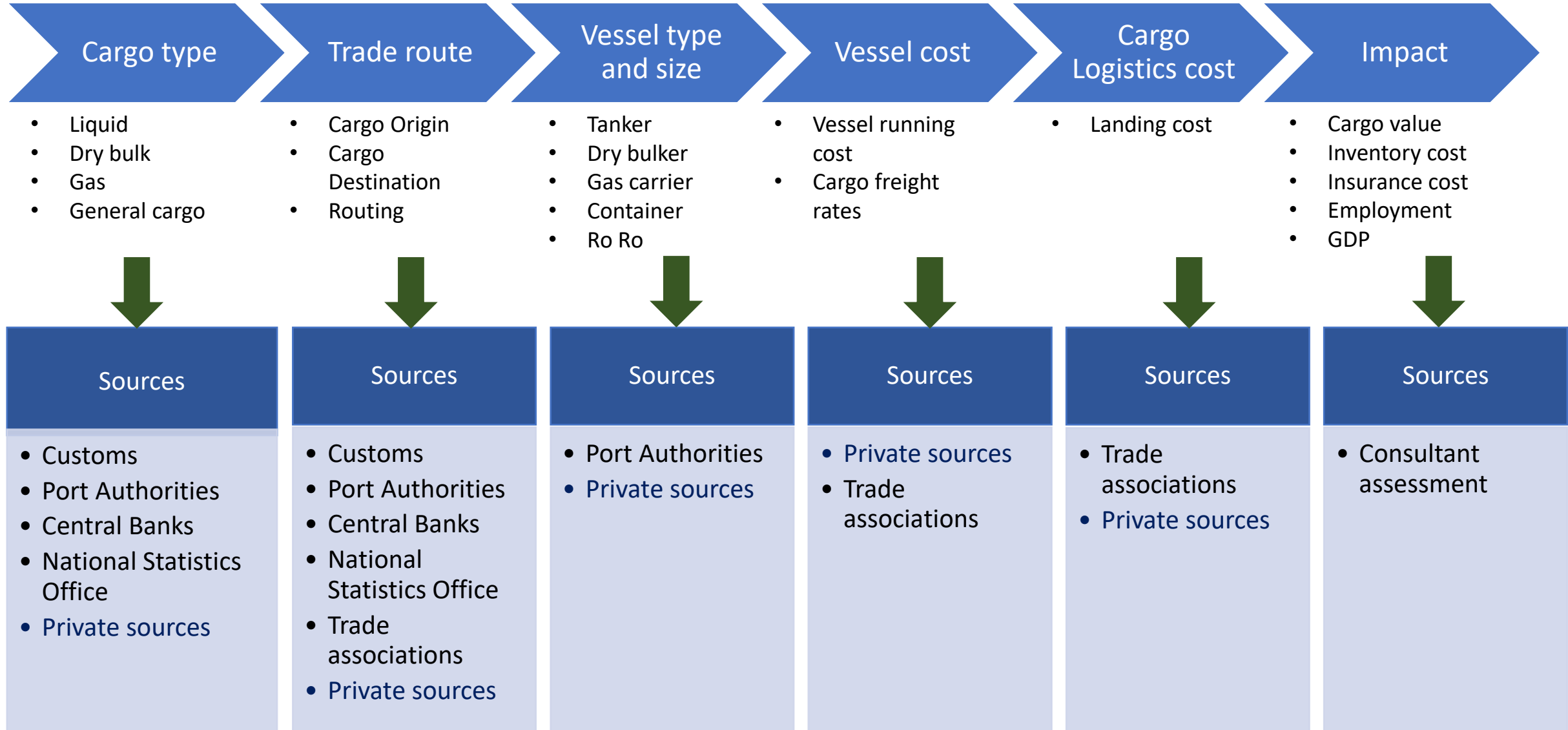
- **Task 11.** Recommend data collection process
- **Task 12.** Workshop with counterpart countries

Report 3

Impact transport costs report and data collection

Deliverables

Data requirement mapping



COOK ISLANDS
 FIJI
 MARSHALL ISLANDS
 SOLOMON ISLANDS
 TONGA
 TUVALU
 VANUATU

Macro Economic Data

GDP - real, per capita, by sector
 Consumer price index, by month and year
 Employment statistics

2022 2021 2020 2019 2018 2017 2016 2015 2014

	2	5	4	3	3	3	2	2
	2	5	5	4	4	4	3	3
		2	3	2				

Trade Data

International

Annual exports by item (HS Code), country, quantity (kg), & value
 Annual imports by item (HS Code), country, quantity (kg), & value
 Annual Re-exports by item (HS Code), country, quantity (kg), & value
 Importers - transport costs
 Exporters - transport costs

2022 2021 2020 2019 2018 2017 2016 2015 2014

0.75	3.75	4	4	3	3	3	3	3
0.75	3.75	4	4	3	3	3	3	3
		2	2					
		2						
		2						

Domestic

Annual exports by item (HS Code), country, quantity (kg), & value

		2	2					
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Fleet Data

Vessel call data by port, IMO, date, time, etc.
 Vessel characteristics by name, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

0.5	0.5		7					

Port Data

Vessel call data by port, IMO, date, time, etc.
 Fees & Charges, by type, unit of measure, rate
 Ports' container throughput, by port, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

1.5	1.5	2.2	4					
0.75	2	2	3	2	2	2	2	2



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Country Summaries

COOK ISLANDS

Macro Economic Data

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2022 2021 2020 2019 2018 2017 2016 2015 2014

Trade Data

International

Annual exports by item (HS Code), country, quantity (kg), & value
Annual imports by item (HS Code), country, quantity (kg), & value
Annual Re-exports by item (HS Code), country, quantity (kg), & value
Importers - transport costs
Exporters - transport costs

2022 2021 2020 2019 2018 2017 2016 2015 2014

Domestic

Annual exports by item (HS Code), country, quantity (kg), & value

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Fleet Data

Vessel call data by port, IMO, date, time, etc.
Vessel characteristics by name, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

Port Data

Vessel call data by port, IMO, date, time, etc.
Fees & Charges, by type, unit of measure, rate
Ports' container throughput, by port, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

FIJI

Macro Economic Data

GDP - real, per capita, by sector
Consumer price index, by month and year
Employment statistics

2022 2021 2020 2019 2018 2017 2016 2015 2014

Trade Data

International

Annual exports by item (HS Code), country, quantity (kg), & value
Annual imports by item (HS Code), country, quantity (kg), & value
Annual Re-exports by item (HS Code), country, quantity (kg), & value
Importers - transport costs
Exporters - transport costs

2022 2021 2020 2019 2018 2017 2016 2015 2014

Domestic

Annual exports by item (HS Code), country, quantity (kg), & value

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Fleet Data

Vessel call data by port, IMO, date, time, etc.
Vessel characteristics by name, by type (MISSING IMO#)

2022 2021 2020 2019 2018 2017 2016 2015 2014

Port Data

Vessel call data by port, IMO, date, time, etc.
Fees & Charges, by type, unit of measure, rate
Ports' container throughput, by port, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

MARSHALL ISLANDS

Macro Economic Data

GDP - real, per capita, by sector
Consumer price index, by month and year
Employment statistics

2022 2021 2020 2019 2018 2017 2016 2015 2014

Trade Data

International

Annual exports by item (HS Code), country, quantity (kg), & value
Annual imports by item (HS Code), country, quantity (kg), & value
Annual Re-exports by item (HS Code), country, quantity (kg), & value
Importers - transport costs
Exporters - transport costs

2022 2021 2020 2019 2018 2017 2016 2015 2014

Domestic

Annual exports by item (HS Code), country, quantity (kg), & value

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Fleet Data

Vessel call data by port, IMO, date, time, etc.
Vessel characteristics by name, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

Port Data

Vessel call data by port, IMO, date, time, etc.
Fees & Charges, by type, unit of measure, rate
Ports' container throughput, by port, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

SOLOMON ISLANDS

Macro Economic Data

GDP - real, per capita, by sector
Consumer price index, by month and year
Employment statistics

2022 2021 2020 2019 2018 2017 2016 2015 2014

Trade Data

International

Annual exports by item (HS Code), country, quantity (kg), & value
Annual imports by item (HS Code), country, quantity (kg), & value
Annual Re-exports by item (HS Code), country, quantity (kg), & value
Importers - transport costs
Exporters - transport costs

2022 2021 2020 2019 2018 2017 2016 2015 2014

Domestic

Annual exports by item (HS Code), country, quantity (kg), & value

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Fleet Data

Vessel call data by port, IMO, date, time, etc.
Vessel characteristics by name, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

Port Data

Vessel call data by port, IMO, date, time, etc.
Fees & Charges, by type, unit of measure, rate
Ports' container throughput, by port, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

		2m						

TUVALU

Macro Economic Data

GDP - real, per capita, by sector
Consumer price index, by month and year
Employment statistics

2022 2021 2020 2019 2018 2017 2016 2015 2014

Trade Data

International

Annual exports by item (HS Code), country, quantity (kg), & value
Annual imports by item (HS Code), country, quantity (kg), & value
Annual Re-exports by item (HS Code), country, quantity (kg), & value
Importers - transport costs
Exporters - transport costs

2022 2021 2020 2019 2018 2017 2016 2015 2014

	Q1-3							
	Q1-3							

Domestic

Annual exports by item (HS Code), country, quantity (kg), & value

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Fleet Data

Vessel call data by port, IMO, date, time, etc.
Vessel characteristics by name, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

Port Data

Vessel call data by port, IMO, date, time, etc. (no IMO & times)
Fees & Charges, by type, unit of measure, rate
Ports' container throughput, by port, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

VANUATU

Macro Economic Data

GDP - real, per capita, by sector
Consumer price index, by month and year
Employment statistics

2022 2021 2020 2019 2018 2017 2016 2015 2014

Trade Data

International

Annual exports by item (HS Code), country, quantity (kg), & value
Annual imports by item (HS Code), country, quantity (kg), & value
Annual Re-exports by item (HS Code), country, quantity (kg), & value
Importers - transport costs
Exporters - transport costs

2022 2021 2020 2019 2018 2017 2016 2015 2014

Q1								
Q1								

Domestic

Annual exports by item (HS Code), country, quantity (kg), & value

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Fleet Data


Vessel call data by port, IMO, date, time, etc.
Vessel characteristics by name, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014

Port Data

Vessel call data by port, IMO, date, time, etc. (no IMO & times)
Fees & Charges, by type, unit of measure, rate
Ports' container throughput, by port, by type

2022 2021 2020 2019 2018 2017 2016 2015 2014



Illustrative Examples of the Various Levels of Data Detail

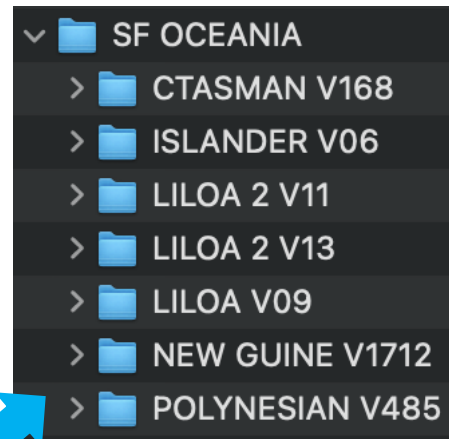
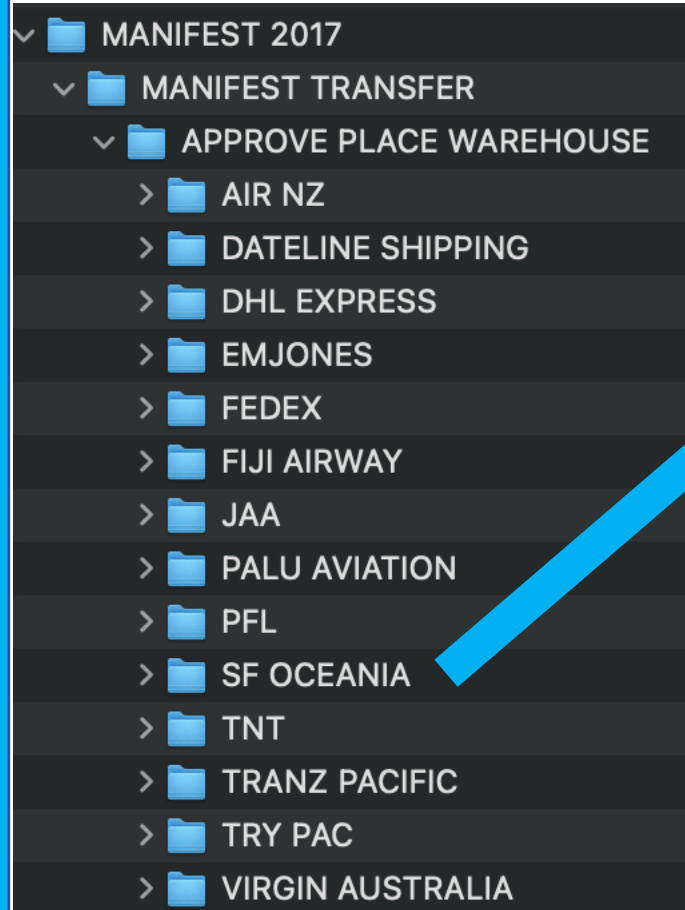
TONGA

Detailed Customs Data

- MANIFEST 2017
 - MANIFEST TRANSFER
 - APPROVE PLACE WAREHOUSE
 - AIR NZ
 - DATELINE SHIPPING
 - DHL EXPRESS
 - EMJONES
 - FEDEX
 - FIJI AIRWAY
 - JAA
 - PALU AVIATION
 - PFL
 - SF OCEANIA
 - TNT
 - TRANZ PACIFIC
 - TRY PAC
 - VIRGIN AUSTRALIA
- PORTS AUTHORITY WAREHOUSE
 - ALPH SERVICES
 - FRIENDLY ISLAND FREIGHT
 - GO PACIFIC SERVICES
 - HAAPAI VEU BROKER
 - JM EXPORT & IMPORT
 - KINGDOM SHIPPING
 - MATAVAIMOUI BROKER
 - MEET OR MONEY
 - OST
 - PASIFIKA FREIGHT
 - PFL
 - RACER FREIGHT
 - ROYCO SHIPPING
 - SNA ENTERPRISE
 - SSOT SERVICES
 - SYLVIA EXPRESS
 - VAIOLUPE
- MASTER MANIFEST
 - CRAFT VESSEL MANIFEST
 - 1. Jan
 - 2. Feb
 - 3. March
 - 4. April
 - 5. May
 - 6. June
 - 7. July 17
 - 8. August
 - 9. September
 - 10. October
 - 11. November
 - 12. December

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Customs Data



- Date of Arrival
- Shipper Agent
- Crafts Vessels
- Flight Voy No
- Master B/L
- FCL/LCL Number
- Freight Principal
- Currency
- Approved Place Location
- Date Transfer
- House Bill Lading
- Country of Origin
- Shipper
- Consignee
- Goods Descriptions
- No of PKGS to HBL
- Package Type
- Weights (KG)
- Volume cbm
- Freights**
- Currency
- Transfer Warrant
- Duty Warrant
- Tranship Warrant
- Remarks

FIJI

Customs Data – Semi Detailed

- Trade
 - Commodity trade data
 - Appendix tables 14-16
 - Appendix I Imports by Quantity and Value showing Country of Origin (2014).xlsx
 - Appendix I Imports by Quantity and Value showing Country of Origin (2015).xlsx
 - Appendix I Imports by Quantity and value showing country of Origin (2016).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2014).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2015).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2016).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2014).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2015).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2016).xlsx
 - Appendix Tables 17-19
 - Appendix I Imports by Quantity and value showing country of Origin (2017).xlsx
 - Appendix I Imports by Quantity and value showing country of Origin (2018).xlsx
 - Appendix I Imports by Quantity and value showing country of Origin (2019).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2017).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2018).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2019).xlsx
 - Appendix III Re-exports by Quantity and Value showing Country of Destination (2017).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2018).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2019).xlsx
 - Appendix Tables 20-21
 - ~\$Annual 2021 Imports by Item bea.xlsx
 - Annual 2021 Exports by Item bea.xlsx
 - Annual 2021 Exports by Item.xlsx
 - Annual 2021 Imports by Item bea.xlsx**
 - Annual 2021 Imports by Item.xlsx
 - Annual 2021 Re-exports by Item.xlsx
 - Appendix I Imports by Quantity and value showing country of Origin (2020) (1).xlsx
 - Appendix I Imports by Quantity and value showing country of Origin (2020).xlsx
 - Appendix II Domestic Exports by Quantity a...wing Country of Destination (2020) (2).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2020).xlsx
 - Appendix III Re-exports by Quantity and Val...wing Country of Destination (2020) (3).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2020).xlsx
 - Appendix Tables11-13
 - Appendix I Imports by Quantity and value showing country of Origin (2011).xlsx
 - Appendix I Imports by Quantity and value showing country of Origin (2012).xlsx
 - Appendix I Imports by Quantity and Value showing Country of Origin (2013).xlsx
 - Appendix II Domestic Exports by Quantity...e showing Country of Destination (2013).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2011).xlsx
 - Appendix II Domestic Exports by Quantity a...showing Country of Destination (2012).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2011).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2012).xlsx
 - Appendix III Re-exports by Quantity and Val...showing Country of Destination (2013).xlsx



HS CODE
Description
COUNTRY
QTY
UNIT
TOTALVALUE

