

## SAMOA BUREAU OF STATISTICS

### Shipping Statistics Report January - June 2023

#### Highlights of the six months period

- Total number of sea going vessels cleared at the port of Apia was 236.
- Total number of sea going vessels accepted for tabulation was 102 which consisted of 70 Container vessels, 21 General Cargo Vessels, and 11 Mineral Oil Tankers.
- 87 vessels carried inward cargo.
- 62 vessels returned with outward cargo.

#### Overview

##### Number of vessels

The total number of international sea going vessels cleared at the port of Apia in the first six months (January-June) of 2023 was 236. Of the total, 102 international sea going vessels were accepted for tabulation, which consisted of 70 Container vessels, 21 General Cargo vessels, and 11 Mineral Oil Tankers. There were 134 vessels excluded from tabulation as they did not have the required information. These vessels included Research/Naval, Yacht, Cruise ships and Fishing vessels.

See figure 1 and tables 1&2.

**Figure 1. Number of vessels by type and percentage**

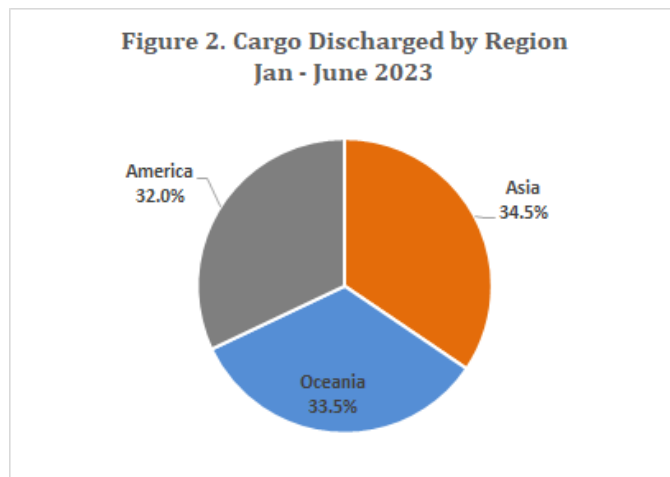
Type of Vessels	Number of Vessels	Percentage
<b>Total</b>	102	100%
Container Vessels	70	69%
General Cargo Vessels	21	21%
Mineral Oil Tanker	11	11%

##### Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, 87<sup>1</sup> vessels discharged a combined total of 224,544 metric tonnes of cargo, of which 34.5 percent (77,375 metric tonnes) from the Asia (mostly from Singapore), 33.5 percent (75,149 metric tonnes) came from the Oceania region (mostly from New Zealand and Fiji) and 32 percent (71,918 metric tonnes) from the America region.

See figure 2 and table 3.

<sup>1</sup> Refers to vessels that only had inward cargo

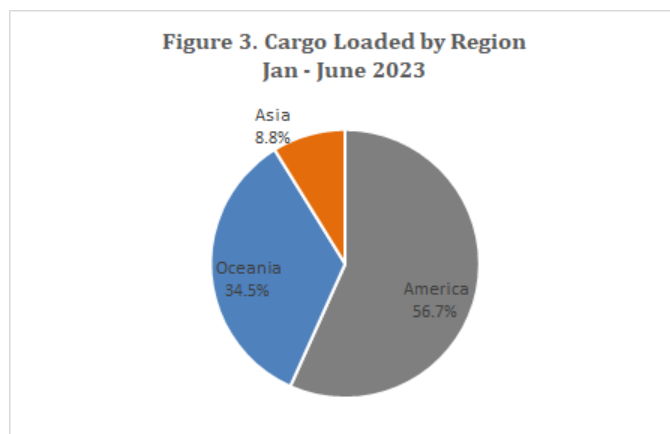


Source: Samoa Bureau of Statistics

##### Cargo Loaded

(62)<sup>2</sup> Vessels loaded a combined total of 47,004 metric tonnes of cargo, of which 56.7 percent (26,652 metric tonnes) were loaded for the America region (all to USA), 34.5 percent (16,232 metric tonnes) were loaded for the Oceania region (mostly to New Caledonia) and the remaining 8.8 percent (4,120 metric tonnes) were loaded for the Asia region (mostly to China).

See figure 3 and table 3.



Source: Samoa Bureau of Statistics

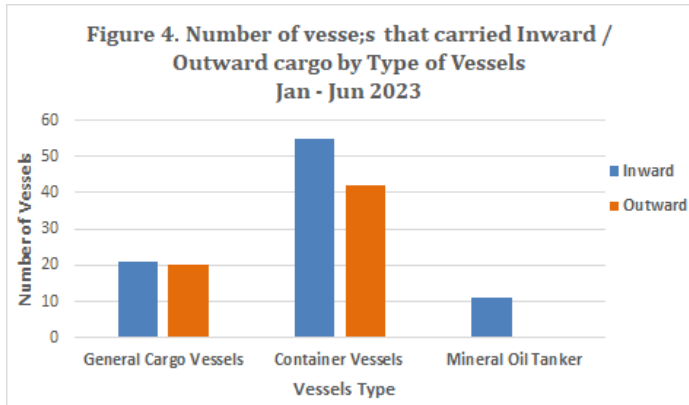
<sup>2</sup> Refers to vessels that only had outward cargo

**Vessels carried inward/outward cargo**

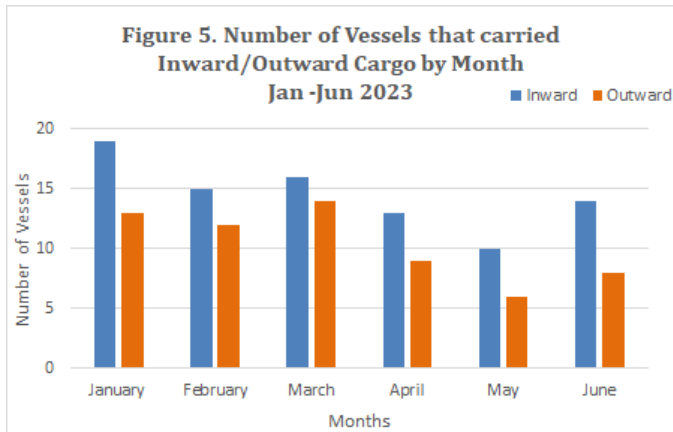
Of the 102<sup>3</sup> vessels that arrived, only 87 vessels carried inward cargo and 62 vessels returned with outward cargo.

The 87 vessels that carried inward cargo consisted of 55 Container vessels, 21 General Cargo vessels and 11 Mineral Oil Tanker vessels while the 62 vessels that returned with outward cargo consisted of 42 Container vessels and 20 General Cargo vessels.

Figures 4 and 5 illustrate the graphical analysis of the number of vessels that carried inward/outward cargo by type and month during the reference period.



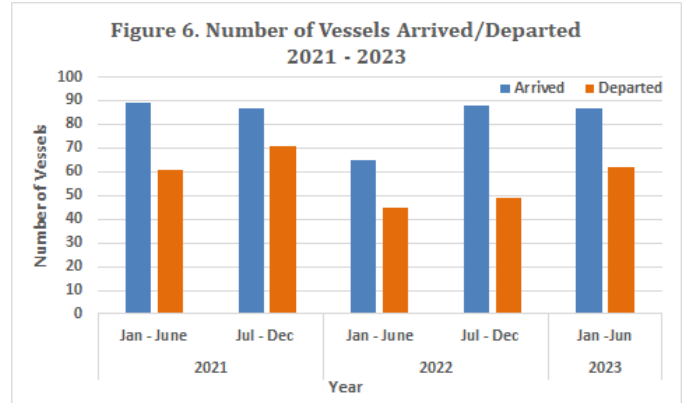
Source: Samoa Bureau of Statistics



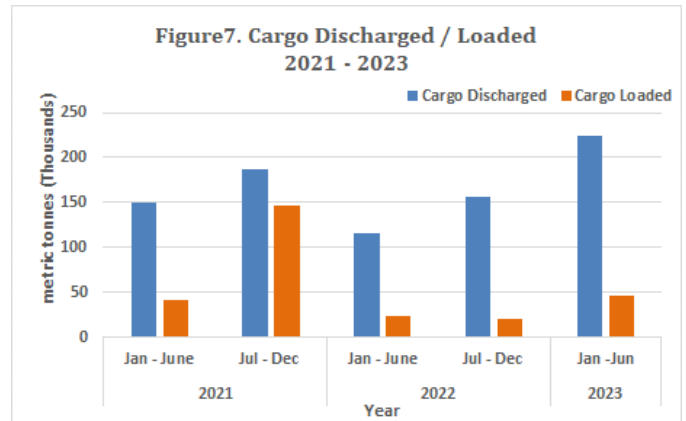
Source: Samoa Bureau of Statistics

A comparative analysis of the six-month shipping reports in the last two years (2021-2023) revealed that the total number of vessels<sup>4</sup> that arrived ranged from 65 to 89 while vessels<sup>5</sup> that departed ranged from 45 to 71. See figure 6.

Moreover, cargo discharged ranged from 116,273 to 224,544 metric tonnes while cargo loaded ranged from 20,868 to 146,740 metric tonnes. See figure 7.



Source: Samoa Bureau of Statistics



Source: Samoa Bureau of Statistics

<sup>3</sup> Refers to vessels that had the required information

<sup>4</sup> Refers to vessels that brought inward cargo

<sup>5</sup> Refers to vessels that had outward cargo

The attached tables 1-7 provides the reader with a more detailed analysis of international sea going vessels, and cargo loaded and discharged at the port of Apia within the reference period.

The 2022 last six months (July-December) Report will be available on March 1<sup>st</sup>, 2024.

Shipping Statistic Forms and cargo manifests, which were completed by Shipping agents and Stevedores as a port requirement for every international sea going vessel. This report excludes all domestic services and the Apia-Pago Pago route. Furthermore, if a vessel calls in more than once, its subsequent calls are recorded as a separate vessel.

## **Definitions**

### **DWT (Dead Weight Tonnage)**

Is the number of tons of cargo, store, etc., that a vessel is capable of carrying when floating at her load draught.

### **GRT (Gross Registered Tonnage)**

Is the measure of the total internal volume of the ship, and is equal to the number deck tonnage plus the tonnage of all enclosed space above the tonnage deck.

### **NRT (Net Registered Tonnage)**

Is the residual tonnage after the various allowances for propelling, power, crew spaces, and navigation spaces have been deducted from the gross tonnage.

- = Magnitude is zero

0 = Negligible

### **Container Vessel**

A vessel has been instant with cell guides to carry containers.

### **Mineral Oil Tanker vessel**

A vessel designed and constructed to carry Mineral Oil – in – bulk.

### **General Cargo Vessel**

A vessel designed and constructed to carry general cargoes.

## **Technical notes**

Data for the Shipping Statistics Report published by the Samoa Bureau of Statistics were collected mainly from

Table 1: ARRIVAL OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/

PORT : APIA

PERIOD: January - June 2023

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT (000 mt)	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT (000 mt)	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT (000 mt)	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT (000 mt)
<b>TOTAL</b>	<b>102</b>	<b>1101.0</b>	<b>521.1</b>	<b>1359.9</b>	<b>21</b>	<b>18.9</b>	<b>8.2</b>	<b>16.2</b>	<b>70</b>	<b>900.3</b>	<b>433.9</b>	<b>1054.2</b>	<b>11</b>	<b>181.8</b>	<b>79.0</b>	<b>289.5</b>
<b>Oceania</b>	<b>25</b>	<b>41.5</b>	<b>22.3</b>	<b>47.2</b>	<b>20</b>	<b>9.9</b>	<b>2.6</b>	<b>6.2</b>	<b>4</b>	<b>20.1</b>	<b>9.7</b>	<b>22.6</b>	<b>1</b>	<b>11.5</b>	<b>10.0</b>	<b>18.5</b>
Cook Island	24	30.0	12.3	28.8	20	9.9	2.6	6.2	4	20.1	9.7	22.6	-	-	-	-
Palau	1	11.5	10.0	18.5									1	11.5	10.0	18.5
<b>America</b>	<b>32</b>	<b>372.1</b>	<b>201.4</b>	<b>399.4</b>	<b>1</b>	<b>9.0</b>	<b>5.6</b>	<b>10.0</b>	<b>30</b>	<b>358.8</b>	<b>194.6</b>	<b>384.6</b>	<b>1</b>	<b>4.3</b>	<b>1.2</b>	<b>4.8</b>
Panama	14	215.9	127.2	221.1	-	-	-	-	13	211.7	126.0	216.3	1	4.3	1.2	4.8
Antigua & Barbuda	17	147.2	68.7	168.3	-	-	-	-	17	147.2	68.7	168.3	-	-	-	-
Belize	1	9.0	5.6	10.0	1	9.0	5.6	10.0	-	-	-	-	-	-	-	-
<b>Europe</b>	<b>5</b>	<b>81.8</b>	<b>49.3</b>	<b>129.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>23.3</b>	<b>20.7</b>	<b>29.4</b>	<b>2</b>	<b>58.5</b>	<b>28.6</b>	<b>99.8</b>
Denmark	1	28.9	14.1	50.0	-	-	-	-	-	-	-	-	1	28.9	14.1	50.0
Malta	3	23.3	20.7	29.4	-	-	-	-	3	23.3	20.7	29.4	-	-	-	-
United Kingdom	1	29.6	14.5	49.8	-	-	-	-	-	-	-	-	1	29.6	14.5	49.8
<b>Asia</b>	<b>35</b>	<b>501.1</b>	<b>233.0</b>	<b>646.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29</b>	<b>423.1</b>	<b>202.4</b>	<b>529.5</b>	<b>6</b>	<b>78.0</b>	<b>30.6</b>	<b>116.5</b>
Hong Kong	9	154.8	76.7	202.7	-	-	-	-	8	125.3	61.7	156.8	1	29.6	15.0	45.9
Singapore	26	346.3	156.3	443.3	-	-	-	-	21	297.9	140.7	372.8	5	48.4	15.6	70.6
<b>Africa</b>	<b>5</b>	<b>104.5</b>	<b>15.1</b>	<b>138.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>74.9</b>	<b>6.5</b>	<b>88.1</b>	<b>1</b>	<b>29.6</b>	<b>8.6</b>	<b>50.0</b>
Liberia	5	104.5	15.1	138.1	-	-	-	-	4	74.9	6.5	88.1	1	29.6	8.6	50.0

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.

Table 2: DEPARTURE OF VESSELS BY TYPE AND COUNTRY OF DESTINATION 1/

PORT : APIA

PERIOD: January - June 2022

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT	NRT	DWT	No of Ship	GRT	NRT	DWT	No of Ship	GRT	NRT	DWT	No of Ship	GRT	NRT	DWT
		(000 mt)				(000 mt)				(000 mt)				(000 mt)		
TOTAL	102	1101.0	521.1	1359.9	21	18.9	8.2	16.2	70	900.3	433.9	1054.2	11	181.8	79.0	289.5
Oceania	102	1101.0	521.1	1359.9	21	18.9	8.2	16.2	70	900.3	433.9	1054.2	11	181.8	79.0	289.5
Tokelau	20	9.9	2.6	6.2	20	9.9	2.6	6.2	-	-	-	-	-	-	-	-
Fiji	66	790.6	402.2	944.7	1	9.0	5.6	10.0	58	700.1	365.7	809.3	7	81.5	30.9	125.3
Tonga	7	145.6	39.6	206.4	-	-	-	-	4	74.9	6.5	88.1	3	70.7	33.1	118.3
Am Samoa	9	154.8	76.7	202.7	-	-	-	-	8	125.3	61.7	156.8	1	29.6	15.0	45.9

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.

**Table 3: INWARD/OUTWARD FLOW OF CARGO (in metric tonnes) BY TYPE OF VESSEL AND PORT OF LOADING AND DISCHARGED 1/**  
**PORT : APIA**  
**PERIOD: January - June 2022**

Region and Port of Loading / Discharged	Total		General Cargo Vessel		Container Vessel		Mineral Oil Tanker Vessel		Transshipment	
	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
<b>TOTAL</b>	<b>224,544</b>	<b>47,004</b>	<b>736</b>	<b>506</b>	<b>167,148</b>	<b>44,770</b>	<b>50,178</b>	<b>-</b>	<b>6,481</b>	<b>1,728</b>
<b>Oceania</b>	<b>75,149</b>	<b>16,232</b>	<b>77</b>	<b>506</b>	<b>69,178</b>	<b>15,231</b>	<b>1,000</b>	<b>-</b>	<b>4,894</b>	<b>494</b>
American Samoa	86	839	-	-	86	839	-	-	-	-
Australia	2,921	229	-	-	1,890	212	1,000	-	31	16
Cook Island	-	605	-	-	-	605	-	-	-	-
Fiji	32,955	362	-	-	28,562	187	-	-	4,392	175
French Polynesia	401	-	-	-	371	-	-	-	30	-
New Caledonia	920	10,138	-	-	620	9,981	-	-	300	157
New Zealand	37,379	1,822	-	-	37,342	1,822	-	-	37	-
Tonga	281	1,548	-	-	192	1,548	-	-	88	-
Tokelau	77	506	77	506	-	-	-	-	-	-
Solomon	3	-	-	-	3	-	-	-	-	-
Vanuatu	43	57	-	-	28	36	-	-	15	21
Nauru	-	46	-	-	-	-	-	-	-	46
Papua New Guine	83	79	-	-	83	-	-	-	-	79
<b>America</b>	<b>71,918</b>	<b>26,652</b>	<b>-</b>	<b>-</b>	<b>70,330</b>	<b>25,419</b>	<b>-</b>	<b>-</b>	<b>1,588</b>	<b>1,233</b>
USA	71,918	26,652	-	-	70,330	25,419	-	-	1,588	1,233
<b>Europe</b>	<b>102</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>102</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Turkey	8	-	-	-	8	-	-	-	-	-
Netherland	94	-	-	-	94	-	-	-	-	-
<b>Asia</b>	<b>77,375</b>	<b>4,120</b>	<b>659</b>	<b>-</b>	<b>27,537</b>	<b>4,120</b>	<b>49,178</b>	<b>-</b>	<b>-</b>	<b>-</b>
Bangladesh	6	384	-	-	6	384	-	-	-	-
China	4,940	2,104	659	-	4,281	2,104	-	-	-	-
Japan	2,549	34	-	-	2,549	34	-	-	-	-
Korea	12,776	483	-	-	12,776	483	-	-	-	-
Philippines	94	-	-	-	94	-	-	-	-	-
Indonesia	424	-	-	-	424	-	-	-	-	-
Singapore	49,219	-	-	-	40	-	49,178	-	-	-
Sri Lanka	7	-	-	-	7	-	-	-	-	-
India	28	-	-	-	28	-	-	-	-	-
Taiwan	3,426	-	-	-	3,426	-	-	-	-	-
Malaysia	416	-	-	-	416	-	-	-	-	-
United Arab Emirates	44	-	-	-	44	-	-	-	-	-
Vietnam	566	407	-	-	566	407	-	-	-	-
Thailand	2,881	708	-	-	2,881	708	-	-	-	-

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.

**Table 4: ARRIVAL OF VESSEL BY DWT,CLASS AND FLAG 1/  
PORT : APIA  
PERIOD: January - June 2023**

DWT Class of Vessel	DWT CLASS OF VESSEL										
	Total	100-499	500-999	1000-2999	3000-4999	5000-9999	10000-14999	15000-19999	20000-24999	25000-29999	30000+
<b>Total No.of Ships</b>	<b>102</b>	<b>20</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>29</b>	<b>10</b>	<b>18</b>	<b>14</b>	<b>1</b>	<b>8</b>
<b>Total Tonnage</b>	<b>1,359,934</b>	<b>6,192</b>	<b>-</b>	<b>1,000</b>	<b>4,755</b>	<b>215,099</b>	<b>128,193</b>	<b>318,663</b>	<b>316,396</b>	<b>45,904</b>	<b>323,732</b>
<b>Antigua &amp; Barbuda</b>											
No.of Ships	17	-	-	-	-	12	-	5	-	-	-
Total Tonnage	168,275	-	-	-	-	83,400	-	84,875	-	-	-
<b>Cook Island</b>											
No. of Ships	24	20	-	-	-	4	-	-	-	-	-
Total Tonnage	28,760	6,192	-	-	-	22568	-	-	-	-	-
<b>Palau</b>											
No. of Ships	2	-	-	-	-	-	-	1	-	-	1
Total Tonnage	68,468	-	-	-	-	-	-	18,469	-	-	49,999
<b>Denmark</b>											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	49,999	-	-	-	-	-	-	-	-	-	49,999
<b>Hong Kong</b>											
No. of Ships	13	-	-	-	-	-	3	-	9	1	-
Total Tonnage	290,783	-	-	-	-	-	40,707	-	204,172	45,904	-
<b>Panama</b>											
No. of Ship	15	-	-	1	1	-	1	12	-	-	-
Total Tonnage	231,111	-	-	1,000	4,755	-	10,037	215,319	-	-	-
<b>United Kingdom</b>											
No. of Ship	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	49,812	-	-	-	-	-	-	-	-	-	49,812
<b>Singapore</b>											
No. of Ship	29	-	-	-	-	13	6	-	5	-	5
Total Tonnage	472,726	-	-	-	-	109,131	77,449	-	112,224	-	173,922

Source : Samoa Bureau of Statistics

Data Source : Samoa Ports Authority, Shipping Agents

1/: Provision Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.

**Table 5: NUMBER OF VESSELS CALLS PER MONTH BY TYPE OF VESSEL 1/**  
**PORT : APIA**  
**PERIOD: January - June 2022**

Type of Vessels	Total	January	February	March	April	May	June
<b>Total</b>	<b>102</b>	<b>20</b>	<b>18</b>	<b>17</b>	<b>16</b>	<b>13</b>	<b>18</b>
General Cargo Vessel	21	6	5	5	1	1	3
Container Vessel	70	11	11	12	13	10	13
Mineral Oil Tanker	11	3	2	-	2	2	2

Source : Samoa Bureau of Statistics

Data Source : Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent are counted as a separate vessels

**Table 6: NUMBER OF VESSELS THAT CARRIED INWARD/OUTWARD CARGO PER MONTH 1/**  
**PORT : APIA**  
**PERIOD: January - June 2022**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
<b>Total</b>				
<b>Inward</b>	<b>87</b>	<b>21</b>	<b>55</b>	<b>11</b>
<b>Outward</b>	<b>62</b>	<b>20</b>	<b>42</b>	<b>0</b>
<b>January</b>				
Inward	19	6	10	3
Outward	13	5	8	-
<b>February</b>				
Inward	15	5	8	2
Outward	12	5	7	-
<b>March</b>				
Inward	16	5	11	-
Outward	14	5	9	-
<b>April</b>				
Inward	13	1	10	2
Outward	9	1	8	-
<b>May</b>				
Inward	10	1	7	2
Outward	6	1	5	-
<b>June</b>				
Inward	14	3	9	2
Outward	8	3	5	-

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.



**Table 7: INWARD/OUTWARD CARGO (in metri tonnes) FLOW PER MONTH BY TYPE OF VESSELS 1/**  
**PORT : APIA**  
**PERIOD: January - June 2022**

Number of Vessels	<u>Type of Vessel</u>			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
<b>Total</b>				
Inward	224,544	736	173,629	50,178
Outward	47,004	506	46,497	-
<b>January</b>				
Inward	31,429	680	18,819	11,931
Outward	9,329	109	9,219	-
<b>February</b>				
Inward	52,267	10	43,064	9,193
Outward	14,675	128	14,547	-
<b>March</b>				
Inward	15,525	24	15,501	-
Outward	6,331	128	6,203	-
<b>April</b>				
Inward	35,595	6	25,769	9,820
Outward	8,568	0	8,568	-
<b>May</b>				
Inward	57,355	5	47,702	9,648
Outward	671	13	658	-
<b>June</b>				
Inward	32,373	11	22,774	9,588
Outward	7,430	128	7,302	-

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.

