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GOVERNMENT OF SAMOA

## SAMOA BUREAU OF STATISTICS

# Shipping Statistics Report July – December 2022

### Highlights of the six months period

- Total number of sea going vessels cleared at the port of Apia was 230.
- Total number of sea going vessels accepted for tabulation was 95 which consisted of 61 Container vessels, 24 General Cargo Vessels, and 10 Mineral Oil Tankers.
- 88 vessels carried inward cargo.
- 49 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 last six months (July – December) of 2022 was 230. Of the total, 95 international sea going vessels were accepted for tabulation, which consisted of 61 Container vessels, 24 General Cargo vessels, and 10 Mineral Oil Tankers. There were 135 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.

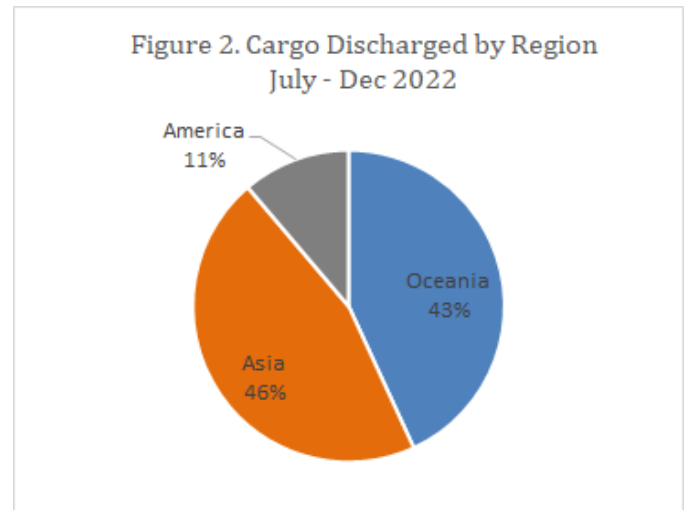
Figure 1. Number of vessels by type and percentage

Type of Vessel	Number of Vessels	Percentage
<b>Total</b>	95	100%
Container Vessels	61	64.2%
General Cargo Vessels	24	25.3%
Mineral Oil Tanker	10	10.5%

#### Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, 88<sup>1</sup> vessels discharged a combined total of 156,308 metric tonnes of cargo, of which 46 percent (71,343 metric tonnes) from the Asia region (mostly from Singapore), 43 percent (67,434 metric tonnes) came from the Oceania region (mostly from New Zealand and Fiji) and 11 percent (17,531 metric tonnes) from the America region.

See figure 2 and table 3.

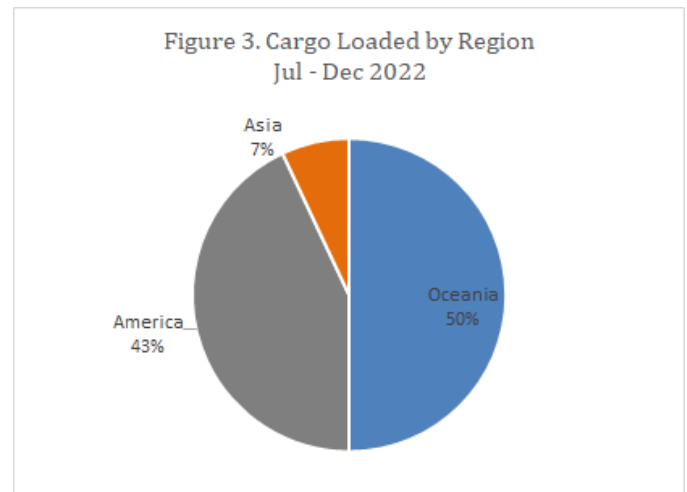


Source: Samoa Bureau of Statistics

#### Cargo Loaded

(49)<sup>2</sup> Vessels loaded a combined total of 20,868 metric tonnes of cargo, of which 50 percent (10,363 metric tonnes) were loaded for the Oceania region (mostly to New Zealand), 43 percent (9,028 metric tonnes) were loaded for the America region and the remaining 7 percent (1,478 metric tonnes) were loaded for the Asia region (mostly to China).

See figure 3 and table 3.



Source: Samoa Bureau of Statistics

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

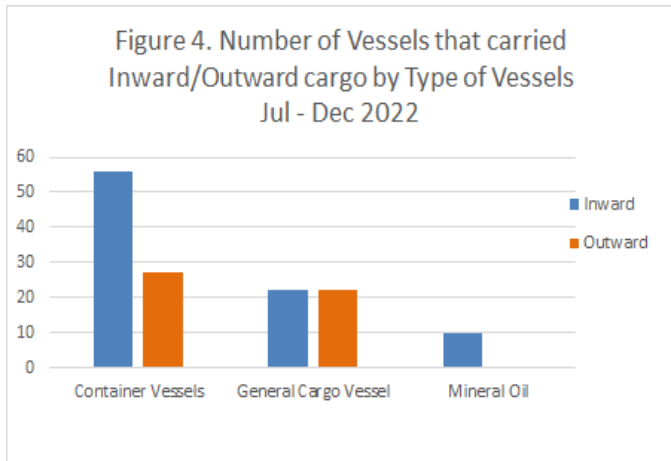
<sup>2</sup> Refers to vessels that only had outward cargo

**Vessels carried inward/outward cargo**

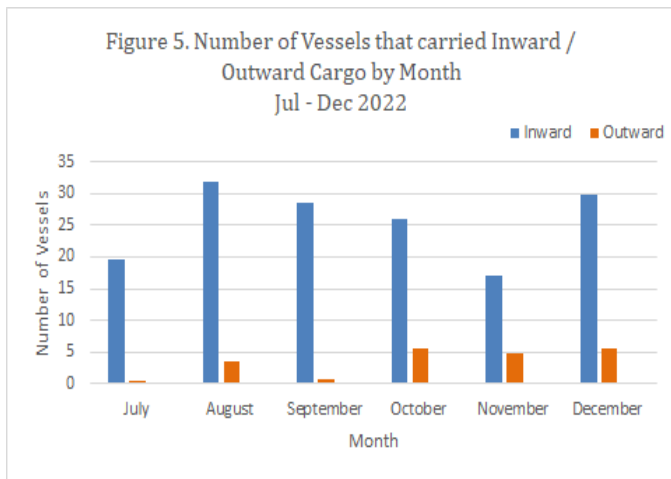
Of the 95<sup>3</sup> vessels that arrived, only 88 vessels carried inward cargo and 49 vessels returned with outward cargo.

The 88 vessels that carried inward cargo consisted of 56 Container vessels, 22 General Cargo vessels and 10 Mineral Oil Tanker vessels while the 49 vessels that returned with outward cargo consisted of 27 Container vessels and 22 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.



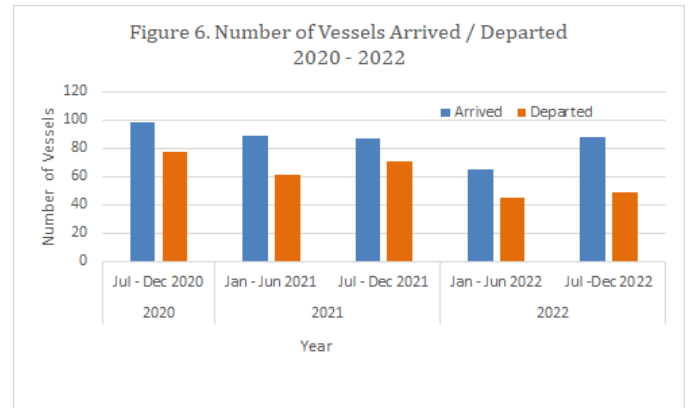
Source: Samoa Bureau of Statistics



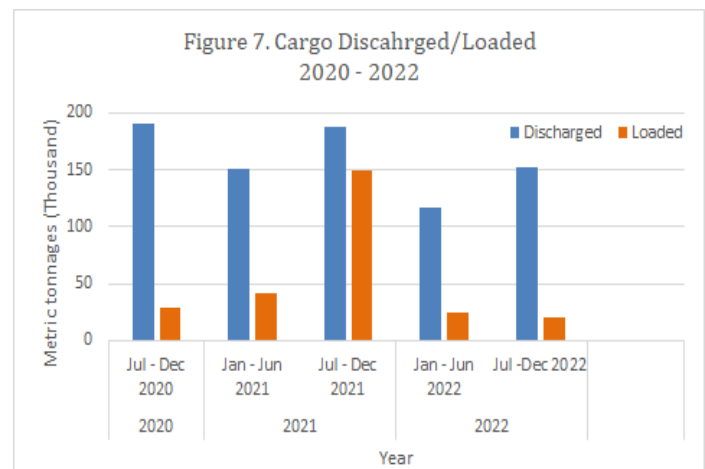
Source: Samoa Bureau of Statistics

A comparative analysis of the six month shipping reports in the last two years (2020-2022) revealed that the total number of vessels<sup>4</sup> that arrived ranged from 65 to 98 while vessels<sup>5</sup> that departed ranged from 45 to 77. See figure 6.

Moreover, cargo discharged ranged from 116,273 to 189,649 metric tonnes while cargo loaded ranged from 24,081 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 2023 first six months (January - June) Report will be available on September 26<sup>th</sup>, 2023.

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Leota Aliielua Salani  
**GOVERNMENT STATISTICIAN/CEO**

## **Technical notes**

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

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

PORT : APIA

PERIOD: July - December 2022

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT	NRT (000 mt)	DWT	No of Ship	GRT	NRT (000 mt)	DWT	No of Ship	GRT	NRT (000 mt)	DWT	No of Ship	GRT	NRT (000 mt)	DWT
<b>TOTAL</b>	<b>95</b>	<b>996.8</b>	<b>404.8</b>	<b>1245.8</b>	<b>24</b>	<b>11.7</b>	<b>3.2</b>	<b>8.8</b>	<b>61</b>	<b>813.0</b>	<b>363.3</b>	<b>957.5</b>	<b>10</b>	<b>172.2</b>	<b>38.4</b>	<b>279.5</b>
<b>Oceania</b>	<b>24</b>	<b>11.7</b>	<b>3.2</b>	<b>8.8</b>	<b>24</b>	<b>11.7</b>	<b>3.2</b>	<b>8.8</b>	-	-	-	-	-	-	-	-
Cook Island	23	11.4	3.1	8.5	23	11.4	3.1	8.5	-	-	-	-	-	-	-	-
Fiji	1	0.3	0.1	0.2	1	0.3	0.1	0.2	-	-	-	-	-	-	-	-
<b>America</b>	<b>24</b>	<b>296.2</b>	<b>149.5</b>	<b>337.2</b>	-	-	-	-	<b>23</b>	<b>266.8</b>	<b>143.6</b>	<b>286.8</b>	<b>1</b>	<b>29.4</b>	<b>5.9</b>	<b>50.4</b>
Panama	9	170.9	90.7	194.2	-	-	-	-	8	141.5	84.8	143.8	1	29.4	5.9	50.4
Antigua & Barbuda	15	125.3	58.8	143.1	-	-	-	-	15	125.3	58.8	143.1	-	-	-	-
<b>Europe</b>	<b>1</b>	<b>29.8</b>	<b>5.9</b>	<b>50.0</b>	-	-	-	-	-	-	-	-	<b>1</b>	<b>29.785</b>	<b>5.892</b>	<b>49.99</b>
Malta	1	29.8	5.9	50.0	-	-	-	-	-	-	-	-	1	29.8	5.9	50.0
<b>Asia</b>	<b>43</b>	<b>583.7</b>	<b>227.8</b>	<b>727.6</b>	-	-	-	-	<b>37</b>	<b>530.2</b>	<b>213.0</b>	<b>650.2</b>	<b>6</b>	<b>53.5</b>	<b>14.8</b>	<b>77.4</b>
Hong Kong	17	313.3	113.9	394.5	-	-	-	-	16	283.6	108.0	342.9	1	29.8	5.9	51.5
Singapore	26	270.4	113.9	333.1	-	-	-	-	21	246.6	105.0	307.3	5	23.7	8.9	25.9
<b>Africa</b>	<b>3</b>	<b>75.5</b>	<b>18.5</b>	<b>122.2</b>	-	-	-	-	<b>1</b>	<b>16.0</b>	<b>6.7</b>	<b>20.4</b>	<b>2</b>	<b>59.5</b>	<b>11.8</b>	<b>101.8</b>
Liberia	3	75.5	18.5	122.2	-	-	-	-	1	16.0	6.7	20.4	2	59.5	11.8	101.8

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: July - December 2022

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT	No of Ship	GRT (000 mt)	NRT (000 mt)	DWT
<b>TOTAL</b>	95	996.8	404.8	1245.8	24	11.7	3.2	8.8	61	813.0	363.3	957.5	10	172.2	38.4	279.5
<b>Oceania</b>	95	996.8	404.8	1245.8	24	11.7	3.2	8.8	61	813.0	363.3	957.5	10	172.2	38.4	279.5
Tokelau	23	11.4	3.1	8.5	23	11.4	3.1	8.5	-	-	-	-	-	-	-	-
Fiji	46	555.9	255.5	702.6	1	0.3	0.1	0.2	41	437.0	231.8	500.3	4	118.7	23.6	202.1
Tonga	14	212.5	53.6	251.9	-	-	-	-	9	188.8	44.7	226.1	5	23.7	8.9	25.9
Am Samoa	12	217.0	92.7	282.7	-	-	-	-	11	187.2	86.8	231.2	1	29.8	5.9	51.5

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 3: INWARD/OUTWARD FLOW OF CARGO (in metric tonnes) BY TYPE OF VESSEL AND PORT OF LOADING AND DISCHARGED 1/**  
**PORT : APIA**  
**PERIOD: July - December 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>156,308</b>	<b>20,868</b>	<b>4,074</b>	<b>846</b>	<b>94,639</b>	<b>14,918</b>	<b>50,813</b>	<b>-</b>	<b>6,782</b>	<b>5,104</b>
<b>Oceania</b>	<b>67,434</b>	<b>10,363</b>	<b>4,074</b>	<b>846</b>	<b>59,598</b>	<b>7,680</b>	<b>960</b>	<b>-</b>	<b>2,801</b>	<b>1,837</b>
American Samoa	58	392	-	-	58	385	-	-	-	7
Australia	960	857	-	-	-	448	960	-	-	409
Cook Island	4	2,389	-	-	4	1,874	-	-	-	515
Fiji	25,106	193	-	-	24,858	63	-	-	248	130
French Polynesia	84	-	-	-	52	-	-	-	31	-
Kiribati	27	-	-	-	-	-	-	-	27	-
New Caledonia	2,676	107	-	-	207	107	-	-	2,469	-
New Zealand	34,393	2,914	-	-	34,393	2,465	-	-	-	450
Tonga	26	2,628	-	-	26	2,338	-	-	-	290
Tokelau	4,074	846	4,074	846	-	-	-	-	-	-
Vanuatu	26	-	-	-	-	-	-	-	26	-
Papua New Guine	-	37	-	-	-	-	-	-	-	37
<b>America</b>	<b>17,531</b>	<b>9,028</b>	<b>-</b>	<b>-</b>	<b>13,550</b>	<b>5,761</b>	<b>-</b>	<b>-</b>	<b>3,981</b>	<b>3,267</b>
USA	17,531	9,028	-	-	13,550	5,761	-	-	3,981	3,267
<b>Asia</b>	<b>71,343</b>	<b>1,478</b>	<b>-</b>	<b>-</b>	<b>21,490</b>	<b>1,478</b>	<b>49,853</b>	<b>-</b>	<b>-</b>	<b>-</b>
Bangladesh	-	125	-	-	-	125	-	-	-	-
China	3,249	1,076	-	-	3,249	1,076	-	-	-	-
Japan	1,995	73	-	-	1,995	73	-	-	-	-
Korea	12,980	14	-	-	12,980	14	-	-	-	-
Singapore	50,832	-	-	-	979	-	49,853	-	-	-
Taiwan	2,107	30	-	-	2,107	30	-	-	-	-
Thailand	180	160	-	-	180	160	-	-	-	-

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: July - December 2022**

DWT Class of Vessel	<u>DWT CLASS OF VESSEL</u>										
	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>95</b>	<b>24</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>24</b>	<b>9</b>	<b>13</b>	<b>15</b>	<b>-</b>	<b>8</b>
<b>Total Tonnage</b>	<b>1,245,773</b>	<b>8,762</b>	<b>-</b>	<b>27,138</b>	<b>-</b>	<b>179,762</b>	<b>116,343</b>	<b>230,007</b>	<b>336,247</b>	<b>-</b>	<b>347,514</b>
<b>Antigua &amp; Barbuda</b>											
No. of Ships	15	-	-	-	-	11	-	4	-	-	-
Total Tonnage	143,050	-	-	-	-	75,150	-	67,900	-	-	-
<b>Cook Island</b>											
No. of Ships	23	23	-	-	-	-	-	-	-	-	-
Total Tonnage	8,522	8,522	-	-	-	-	-	-	-	-	-
<b>Fiji</b>											
No. of Ships	1	1	-	-	-	-	-	-	-	-	-
Total Tonnage	240	240	-	-	-	-	-	-	-	-	-
<b>Hong Kong</b>											
No. of Ships	17	-	-	2	-	-	-	-	14	-	1
Total Tonnage	394,451	-	-	27,138	-	-	-	-	315,803	-	51,510
<b>Liberia</b>											
No. of Ship	3	-	-	-	-	-	-	-	1	-	2
Total Tonnage	122,211	-	-	-	-	-	-	-	20,444	-	101,767
<b>Malta</b>											
No. of Ship	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	49,990	-	-	-	-	-	-	-	-	-	49,990
<b>Panama</b>											
No. of Ship	9	-	-	-	-	-	-	8	-	-	1
Total Tonnage	194,163	-	-	-	-	-	-	143,780	-	-	50,383
<b>Singapore</b>											
No. of Ship	26	-	-	-	-	13	9	1	-	-	3
Total Tonnage	333,146	-	-	-	-	104,612	116,343	18,327	-	-	93,864

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: July - December 2022**

Type of Vessels	Total	July	August	September	October	November	December
<b>Total</b>	<b>95</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>14</b>	<b>19</b>	<b>17</b>
General Cargo Vessel	<b>24</b>	3	3	3	5	5	5
Container Vessel	<b>61</b>	9	10	11	9	12	10
Mineral Oil Tanker	<b>10</b>	2	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: July - December 2022**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
<b>Total</b>				
<b>Inward</b>	<b>88</b>	<b>22</b>	<b>56</b>	<b>10</b>
<b>Outward</b>	<b>49</b>	<b>22</b>	<b>27</b>	<b>0</b>
<b>July</b>				
Inward	12	3	7	2
Outward	5	3	2	-
<b>August</b>				
Inward	15	3	10	2
Outward	6	3	3	-
<b>September</b>				
Inward	16	3	11	2
Outward	6	3	3	-
<b>October</b>				
Inward	12	4	8	-
Outward	13	6	7	-
<b>November</b>				
Inward	17	4	11	2
Outward	8	2	6	-
<b>December</b>				
Inward	16	5	9	2
Outward	11	5	6	-

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: July - December 2022**

Number of Vessels	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
<b>Total</b>				
<b>Inward</b>	<b>152,634</b>	<b>400</b>	<b>101,421</b>	<b>50,813</b>
<b>Outward</b>	<b>20,868</b>	<b>846</b>	<b>20,023</b>	<b>-</b>
<b>July</b>				
Inward	19,512	79	12,418	7,015
Outward	512	129	384	-
<b>August</b>				
Inward	31,801	49	20,674	11,078
Outward	3,539	157	3,382	-
<b>September</b>				
Inward	28,507	64	17,258	11,185
Outward	724	224	500	-
<b>October</b>				
Inward	26,080	48	15,815	10,218
Outward	5,682	138	5,544	-
<b>November</b>				
Inward	17,061	63	16,998	-
Outward	4,703	57	4,646	-
<b>December</b>				
Inward	29,673	97	18,259	11,317
Outward	5,708	142	5,566	-

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.