

## SAMOA BUREAU OF STATISTICS

### Annual Shipping Statistics 2022

#### Highlights of the year 2021

- 181 international sea going vessels were accepted for tabulation which consisted of 122 container vessels, 42 General Cargo Vessels, and 17 Mineral Oil Tankers.
- 153 vessels carried inward cargo
- 94 vessels returned with outward cargo

#### Overview

##### Number of vessels

In 2022, there were 384 international sea going vessels cleared at the port of Apia. Of the total, 181 international sea going vessels were accepted for tabulation. These consisted of 122 Container Vessels, 42 General Cargo Vessels and 17 Mineral Oil Tankers. There were 203 vessels excluded from the analysis because 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.

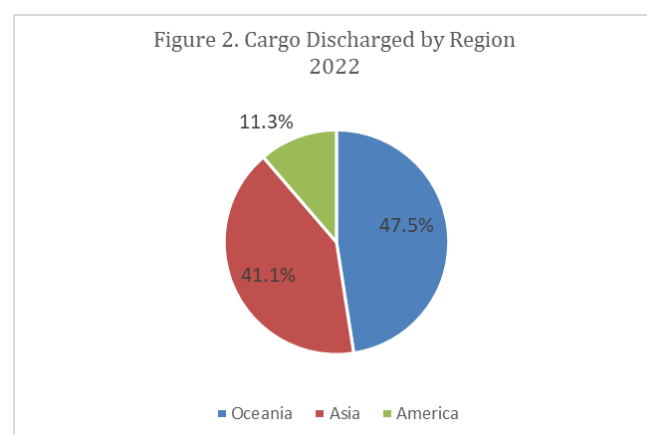
Figure 1. Number of vessels by type and percentage		
Type of Vessel	Number of Vessels	Percentage
<b>Total</b>	384	100%
Container Vessel	122	32%
General Cargo Vessel	42	11%
Mineral Oil Tanker	17	4%
Vessels excluded	203	53%

##### Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that 153<sup>1</sup> vessels discharged a combined total of 268,907 thousand metric tonnes of cargo, of which 47.5 percent (127,641 metric tonnes) came from the Oceania region (mostly from New Zealand and Fiji), 41.1 percent (110,564 metric tonnes) came from the Asia region (mostly

from Singapore and Korea) and 11.3 percent (30,362 metric tonnes) came from the America region (all from the USA).

See figure 2 and tables 3 & 6.

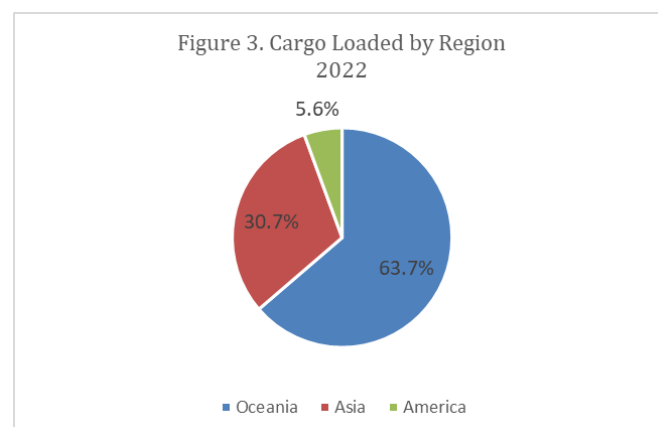


Source: Samoa Bureau of Statistics

##### Cargo Loaded

There were 94<sup>2</sup> vessels that loaded a combined total of 44,949 metric tonnes of cargo, of which 63.7 percent (28,653 metric tonnes) were loaded for the Oceania region (mostly to Tonga and New Zealand), 30.7 percent (13,784 metric tonnes) were loaded for the America region (all to the USA) and the remaining 5.6 percent (2,507 metric tonnes) were loaded for the Asia region (mostly to China).

See figure 3, tables 3, 6 & 7.



Source: Samoa Bureau of Statistics

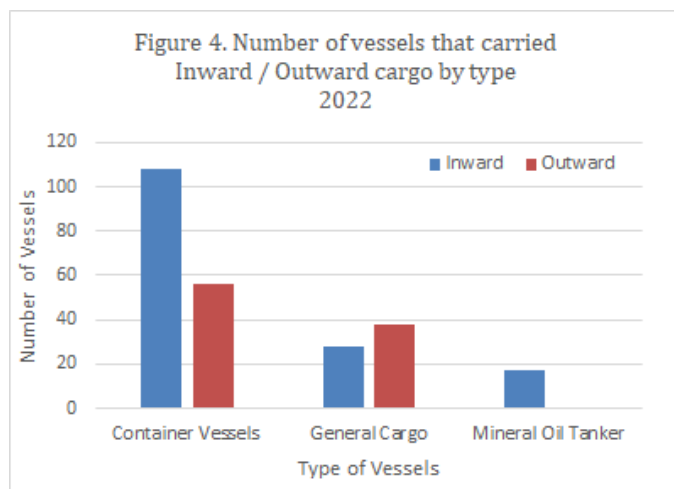
<sup>1</sup> Refers to vessels that only had inward cargo

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

### Vessels that carried inward/outward cargo

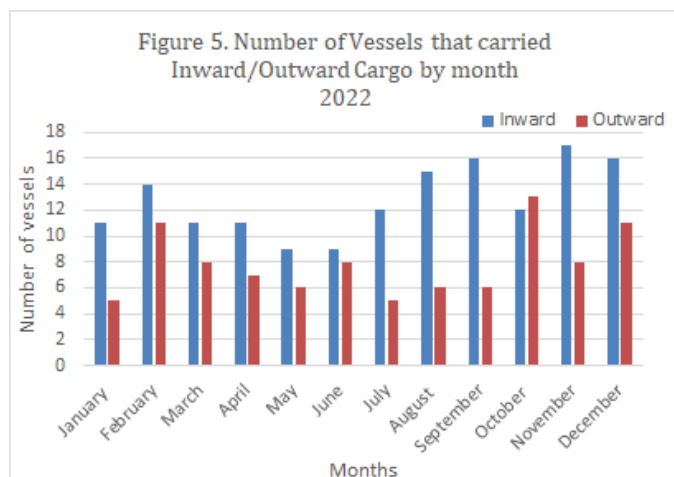
Of the 181<sup>3</sup> vessels that arrived, 153 carried inward cargo and 94 vessels returned with outward cargo. The 153 vessels that carried inward cargo consisted of 108 Container vessels, 28 General Cargo and 17 Mineral Oil Tanker vessels. The 94 vessels that returned with outward cargo consisted of 56 Container vessels and 38 General Cargo vessels.

See figure 4 and Table 6



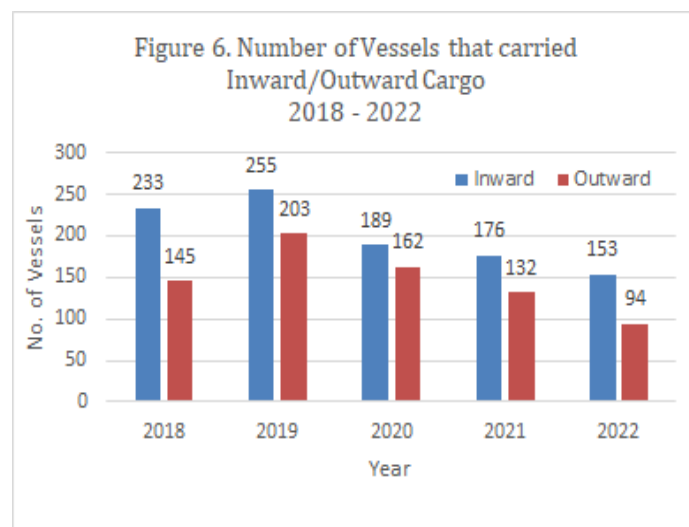
Source: Samoa Bureau of Statistics

The number of vessels that carried inward cargo in 2022 ranged from 9 - 17, while vessels that loaded outward cargo ranged from 5 -11. This is graphically illustrated in Figure 5.

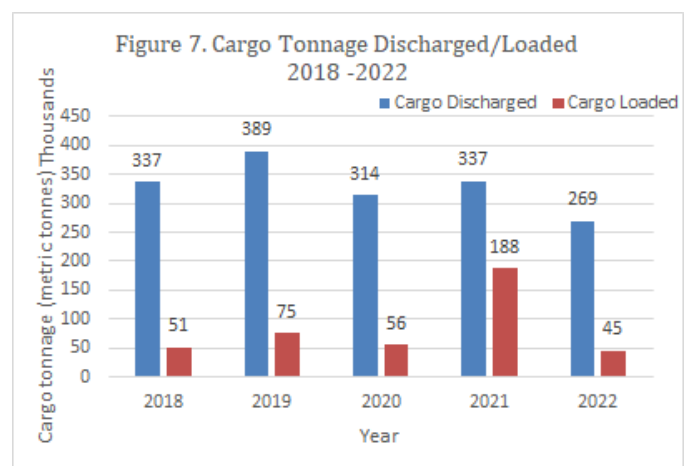


Source: Samoa Bureau of Statistics

The total number of international sea going vessels<sup>4</sup> that carried inward and outward cargo, cargo loaded and discharged at the port of Apia for the last 5 years are graphically presented respectively below in Figure 6 and Figure 7.



Source: Samoa Bureau of Statistics



Source: Samoa Bureau of Statistics

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

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

<sup>4</sup> Refers to vessels that had inward/outward cargo

## **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 Insignificant

### **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 Container**

A vessel designed and constructed to carry general cargoes.

**Table 1: ARRIVAL OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/**  
**PORT : APIA**  
**PERIOD: January - 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>181</b>	<b>1876.8</b>	<b>846.6</b>	<b>2293.7</b>	<b>42</b>	<b>20.6</b>	<b>5.6</b>	<b>15.1</b>	<b>122</b>	<b>1600.9</b>	<b>754.8</b>	<b>1873.8</b>	<b>17</b>	<b>255.3</b>	<b>86.1</b>	<b>404.9</b>
<b>Oceania</b>	<b>42</b>	<b>20.6</b>	<b>5.6</b>	<b>15.1</b>	<b>42</b>	<b>20.6</b>	<b>5.6</b>	<b>15.1</b>	-	-	-	-	-	-	-	-
Cook Island	41	20.3	5.5	14.8	41	20.3	5.5	14.8	-	-	-	-	-	-	-	-
Fiji	1	0.3	0.1	0.2	1	0.3	0.1	0.2	-	-	-	-	-	-	-	-
<b>America</b>	<b>53</b>	<b>678.3</b>	<b>367.5</b>	<b>765.0</b>	-	-	-	-	<b>51</b>	<b>619.4</b>	<b>335.0</b>	<b>664.8</b>	<b>2</b>	<b>59.0</b>	<b>32.5</b>	<b>100.2</b>
Panama	22	411.2	242.8	459.3	-	-	-	-	20	352.2	210.3	359.1	2	59.0	32.5	100.2
Antigua & Barbuda	31	267.2	124.8	305.7	-	-	-	-	31	267.2	124.8	305.7	-	-	-	-
<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>50</b>
Malta	1	29.8	5.9	50.0	-	-	-	-	-	-	-	-	1	29.8	5.9	50.0
<b>Asia</b>	<b>79</b>	<b>1016.4</b>	<b>444.1</b>	<b>1275.3</b>	-	-	-	-	<b>67</b>	<b>909.3</b>	<b>408.2</b>	<b>1122.5</b>	<b>12</b>	<b>107.1</b>	<b>35.9</b>	<b>152.9</b>
Hong Kong	29	503.9	209.1	645.7	-	-	-	-	27	444.9	189.1	544.2	2	59.0	20.0	101.5
Singapore	50	512.5	235.1	629.6	-	-	-	-	40	464.5	219.1	578.3	10	48.1	16.0	51.4
<b>Africa</b>	<b>6</b>	<b>131.6</b>	<b>23.4</b>	<b>188.3</b>	-	-	-	-	<b>4</b>	<b>72.2</b>	<b>11.6</b>	<b>86.5</b>	<b>2</b>	<b>59.5</b>	<b>11.8</b>	<b>101.8</b>
Liberia	6	131.6	23.4	188.3	-	-	-	-	4	72.2	11.6	86.5	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: January - December 2022

Country of Destination	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
TOTAL	181	1876.8	846.5	2293.7	42	20.6	5.6	15.1	122	1600.9	754.8	1873.8	17	255.3	86.1	404.9
Oceania	181	1876.8	846.5	2293.7	42	20.6	5.6	15.1	122	1600.9	754.8	1873.8	17	255.3	86.1	404.9
Tokelau	41	20.4	5.5	14.8	41	20.4	5.5	14.8	-	-	-	-	-	-	-	-
Fiji	99	1180.2	594.7	1426.9	1	0.3	0.1	0.2	88	1007.4	537.4	1149.2	10	172.6	57.3	277.5
Tonga	18	279.1	64.1	332.0	-	-	-	-	13	255.3	55.2	306.1	5	23.7	8.9	25.9
Am Samoa	23	397.2	182.3	520.0	-	-	-	-	21	338.2	162.3	418.5	2	59.0	20.0	101.5

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: January - 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>268,907</b>	<b>44,949</b>	<b>405</b>	<b>5,870</b>	<b>182,058</b>	<b>33,354</b>	<b>69,178</b>	<b>-</b>	<b>17,266</b>	<b>5,724</b>
<b>Oceania</b>	<b>127,641</b>	<b>28,653</b>	<b>405</b>	<b>5,870</b>	<b>117,687</b>	<b>20,325</b>	<b>1,850</b>	<b>-</b>	<b>7,699</b>	<b>2,457</b>
American Samoa	173	1,478	-	-	173	1,471	-	-	-	7
Australia	1,850	1,360	-	-	-	924	1,850	-	-	436
Cook Island	4	3,345	-	-	4	2,831	-	-	-	515
Fiji	50,407	587	-	-	49,269	437	-	-	1,138	150
French Polynesia	236	-	-	-	155	-	-	-	81	-
Kiribati	100	-	-	-	-	-	-	-	100	-
New Caledonia	5,073	179	-	-	1,518	161	-	-	3,555	17
New Zealand	69,130	7,122	-	-	66,541	6,672	-	-	2,589	450
Tonga	211	8,629	-	-	26	7,784	-	-	184	845
Tokelau	405	5,870	405	5,870	-	-	-	-	-	-
Vanuatu	52	15	-	-	-	15	-	-	52	-
Niue	-	4	-	-	-	4	-	-	-	-
Papua New Guine	-	63	-	-	-	26	-	-	-	37
<b>America</b>	<b>30,362</b>	<b>13,784</b>	<b>-</b>	<b>-</b>	<b>22,775</b>	<b>10,516</b>	<b>-</b>	<b>-</b>	<b>7,587</b>	<b>3,267</b>
USA	30,362	13,784	-	-	22,775	10,516	-	-	7,587	3,267
<b>Europe</b>	<b>340</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>340</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Belgium	338	-	-	-	338	-	-	-	-	-
Spain	2	-	-	-	2	-	-	-	-	-
France	-	6	-	-	-	6	-	-	-	-
<b>Asia</b>	<b>110,564</b>	<b>2,507</b>	<b>-</b>	<b>-</b>	<b>41,255</b>	<b>2,507</b>	<b>67,328</b>	<b>-</b>	<b>1,980</b>	<b>-</b>
Bangladesh	-	578	-	-	-	578	-	-	-	-
China	7,152	1,323	-	-	5,188	1,323	-	-	1,963	-
Japan	3,627	73	-	-	3,610	73	-	-	17	-
Korea	26,534	55	-	-	26,534	55	-	-	-	-
Indonesia	3	-	-	-	3	-	-	-	-	-
Singapore	68,307	-	-	-	979	-	67,328	-	-	-
Taiwan	4,638	30	-	-	4,638	30	-	-	-	-
Vietnam	-	55	-	-	-	55	-	-	-	-
Thailand	303	393	-	-	303	393	-	-	-	-

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 - December 2022**

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>181</b>	<b>42</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>49</b>	<b>18</b>	<b>30</b>	<b>25</b>	<b>-</b>	<b>13</b>
<b>Total Tonnage</b>	<b>2,293,699</b>	<b>15,054</b>	<b>-</b>	<b>27,138</b>	<b>9,996</b>	<b>372,340</b>	<b>235,771</b>	<b>530,201</b>	<b>563,387</b>	<b>-</b>	<b>539,812</b>
<b>Antigua &amp; Barbuda</b>											
No. of Ships	31	-	-	-	-	22	-	9	-	-	-
Total Tonnage	305,675	-	-	-	-	152,900	-	152,775	-	-	-
<b>Cook Island</b>											
No. of Ships	41	41	-	-	-	-	-	-	-	-	-
Total Tonnage	14,814	14,814	-	-	-	-	-	-	-	-	-
<b>Fiji</b>											
No. of Ships	1	1	-	-	-	-	-	-	-	-	-
Total Tonnage	240	240	-	-	-	-	-	-	-	-	-
<b>Hong Kong</b>											
No. of Ships	32	-	-	2	-	1	4	-	23	-	2
Total Tonnage	711,799	-	-	27,138	-	8,500	54,677	-	519,975	-	101,509
<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	22	-	-	-	-	-	-	20	-	-	2
Total Tonnage	459,339	-	-	-	-	-	-	359,099	-	-	100,240
<b>Singapore</b>											
No. of Ship	50	-	-	-	2	26	14	1	1	-	6
Total Tonnage	629,631	-	-	-	9,996	210,940	181,094	18,327	22,968	-	186,306

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 VESSEL CALLS PER MONTH BY TYPE OF VESSEL 1/  
PORT : APIA  
PERIOD: January - December 2022**

PERIOD	TYPE OF VESSEL			TOTAL
	GENERAL CARGO	CONTAINER	TANKERS	
<b>Annually</b>				
2021	52	122	22	<b>196</b>
2022	42	122	17	<b>181</b>
<b>Six months</b>				
Jan 21 - Jun 21	21	59	11	<b>91</b>
Jul 21 - Dec 21	31	63	11	<b>105</b>
Jan 22 - Jun 22	18	61	7	<b>86</b>
Jul 22 - Dec 22	24	61	10	<b>95</b>
<b>Monthly</b>				
<b>2021</b>				
January	5	8	2	15
February	4	8	1	13
March	5	10	3	18
April	2	10	1	13
May	3	13	3	19
June	2	10	1	13
July	3	13	2	18
August	3	10	2	15
September	5	9	2	16
October	8	10	1	19
November	5	11	1	17
December	7	10	3	20
<b>2022</b>				
January	3	9	1	13
February	4	12	2	18
March	4	8	1	13
April	2	12	1	15
May	2	8	1	11
June	3	12	1	16
July	3	9	2	14
August	3	10	2	15
September	3	11	2	16
October	5	9	-	14
November	5	12	2	19
December	5	10	2	17

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

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
<b>Total</b>				
Inward	153	28	108	17
Outward	94	38	56	0
<b>January</b>				
Inward	11	2	8	1
Outward	5	2	3	-
<b>February</b>				
Inward	14	2	10	2
Outward	11	4	7	-
<b>March</b>				
Inward	11	1	9	1
Outward	8	4	4	-
<b>April</b>				
Inward	11	-	10	1
Outward	7	2	5	-
<b>May</b>				
Inward	9	1	7	1
Outward	6	1	5	-
<b>June</b>				
Inward	9	-	8	1
Outward	8	3	5	-
<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: January - December 2022**

Number of Vessels	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
<b>Total</b>				
Inward	268,907	405	199,324	69,178
Outward	44,949	5,870	39,079	-
<b>January</b>				
Inward	12,058	3	11,855	200
Outward	2,748	45	2,703	-
<b>February</b>				
Inward	30,902	0	22,905	7,997
Outward	3,010	98	2,912	-
<b>March</b>				
Inward	17,634	0	17,464	170
Outward	2,361	138	2,223	-
<b>April</b>				
Inward	15,276	-	15,106	170
Outward	2,520	109	2,412	-
<b>May</b>				
Inward	23,226	2	13,566	9,658
Outward	2,232	3	2,230	-
<b>June</b>				
Inward	17,177	-	17,007	170
Outward	11,209	4,632	6,577	-
<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.