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File Ref: Annual SR 2020

GOVERNMENT OF SAMOA

# SAMOA BUREAU OF STATISTICS

## Annual Shipping Statistics 2020

### Highlights of the year 2020

- 215 international sea going vessels were accepted for tabulation which consisted of one hundred and thirty four (134) container vessels, sixty (60) General Cargo Vessels, and twenty one (21) Mineral Oil Tankers.
- 189 vessels carried inward cargo
- 162 vessels returned with outward cargo

### Overview

#### Number of vessels

In 2020, there were four hundred and eighty-eight (488) international sea going vessels cleared at the port of Apia. Of the total, two hundred and fifteen (215) international sea going vessels accepted for tabulation. These were cargo vessels which consisted of one hundred and thirty-four (134) Container Vessels, sixty (60) General Cargo Vessels, and twenty-one (21) Mineral Oil Tankers. There were two hundred and seventy-three (273) vessels excluded from the analysis because they do not have the required information. These vessels include Research/Naval, Yacht Cruise Ships and Fishing Vessels.

See figure 1 and tables 1&2.

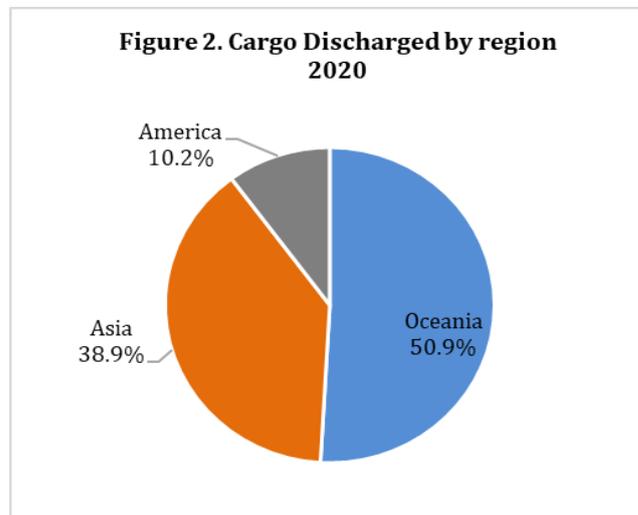
Figure 1. Number of vessels by type and percentage

Type of Vessel	Number of Vessels	Percentage
<b>Total</b>	215	100
Container Vessel	134	62%
General Cargo Vessel	60	28%
Mineral Oil Tanker	21	10%

#### Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, one hundred and eighty-nine (189)<sup>1</sup> vessels discharged a combined total of 313,921 metric tonnes of cargo, of which 50.9 percent (159,823 metric tonnes) came from the Oceanic region (mostly from New Zealand and Fiji), 38.9 percent (122,112 metric tonnes) came from Asia (mostly from Singapore and Korea), 10.2 percent (31,986 metric tonnes) came from the America region (all from USA).

See figure 2 and tables 3 & 6.

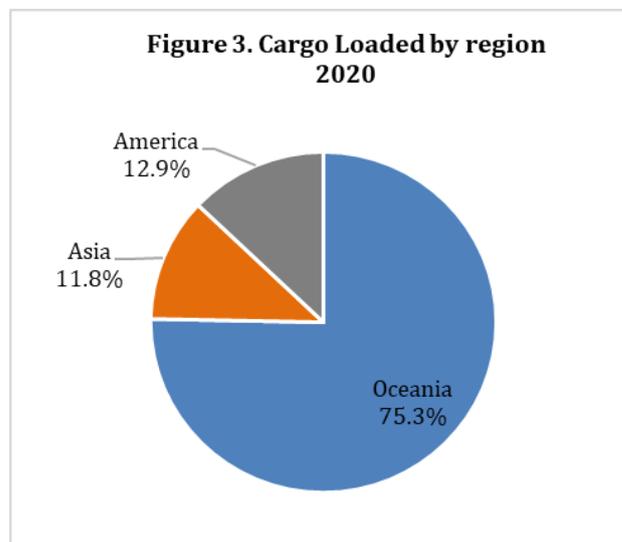


Source: Samoa Bureau of Statistics

#### Cargo Loaded

There were one hundred and sixty-two (162)<sup>2</sup> vessels that loaded a combined total of 56,131 metric tonnes of cargo, of which 75.3 percent (42,275 metric tonnes) were loaded for the Oceanic region (mostly to Tonga and New Zealand), 12.9 percent (7,250 metric tonnes) were loaded for the America region (mostly to the USA) and the remaining 11.8 percent (6,607 metric tonnes) were loaded for the Asia region (mostly to China, Korea and Thailand).

See figure 3 and table 3.



Source: Samoa Bureau of Statistics

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

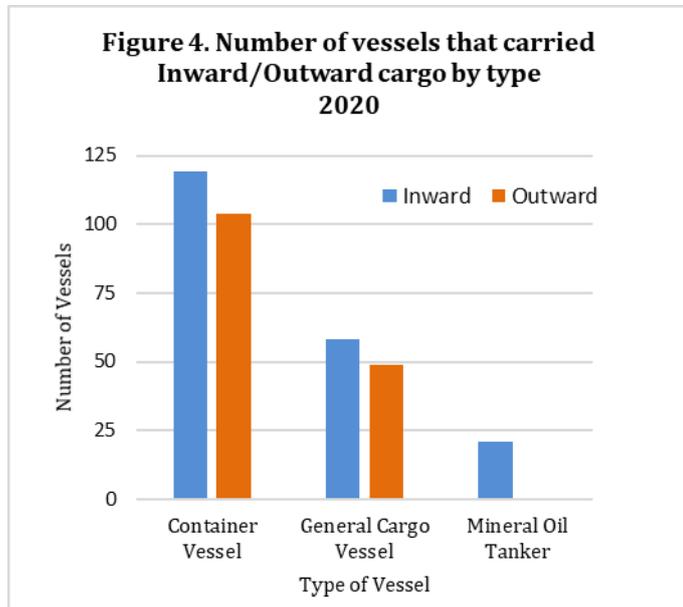
<sup>2</sup> Refers to vessels that only had outward cargo

### Vessels carried inward/outward cargo

Of the two hundred and fifteen (215)<sup>3</sup> vessels that arrived, one hundred and eighty nine (189) vessels carried inward cargo and one hundred and sixty two (162) vessels returned with outward cargo.

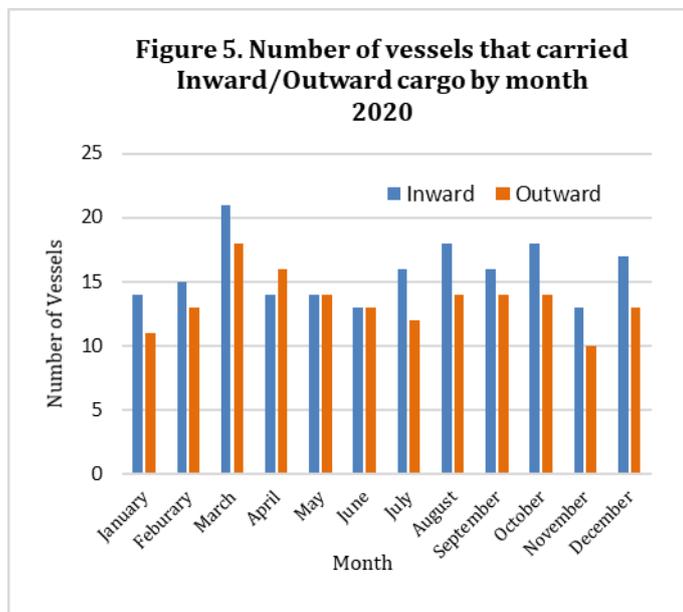
The 189 vessels that carried inward cargo consisted of 119 Container vessels, 49 General Cargo and 21 Mineral Oil Tankers vessels. The 162 vessels returned with outward cargo consisted of 104 Container vessels, 58 General Cargo vessels but no Mineral Oil Tankers returned with any outward cargo.

See figure 4 and Table 6



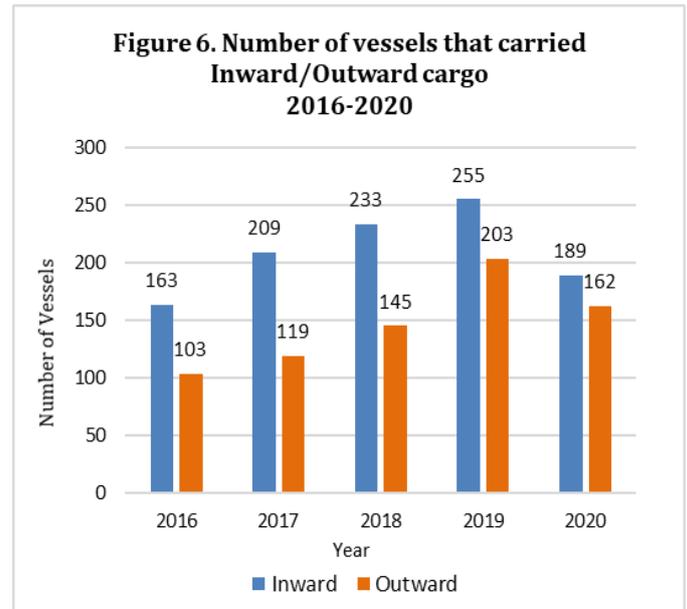
Source: Samoa Bureau of Statistics

The number of vessels that carried inward cargo in each month of 2020 ranged from 13-21, while vessels that loaded outward cargo ranged from 10-18. This is graphically illustrated in Figure 5.

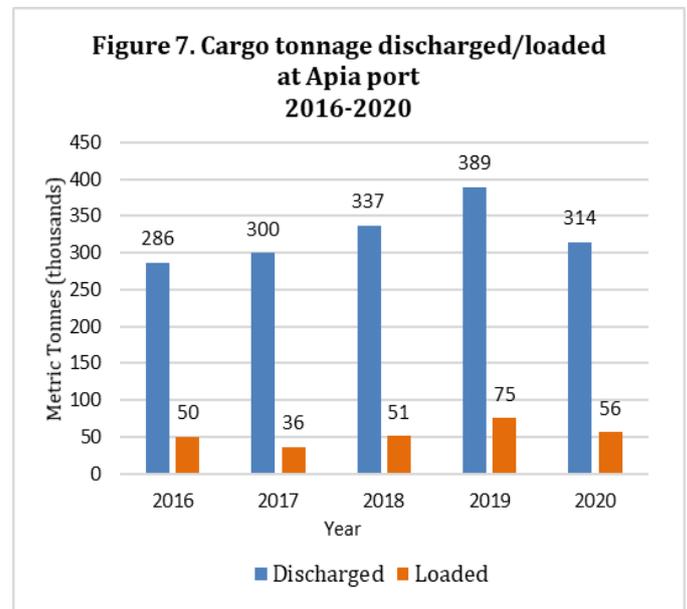


Source: Samoa Bureau of Statistics

The total number of international sea going vessels<sup>4</sup> that carried inward and outward cargo, and 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

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

<sup>4</sup> Refers to vessels that had inward/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.



**Aliimuamua Malaefono Tauā-T Faasalaina**  
**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 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 2020**

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>215</b>	<b>1920.0</b>	<b>925.2</b>	<b>2404.9</b>	<b>60</b>	<b>29.8</b>	<b>7.9</b>	<b>20.1</b>	<b>134</b>	<b>1605.8</b>	<b>787.8</b>	<b>1961.0</b>	<b>21</b>	<b>284.4</b>	<b>129.5</b>	<b>423.8</b>
<b>Oceania</b>	<b>69</b>	<b>75.0</b>	<b>29.7</b>	<b>70.8</b>	<b>60</b>	<b>29.8</b>	<b>7.9</b>	<b>20.1</b>	<b>9</b>	<b>45.2</b>	<b>21.9</b>	<b>50.8</b>	-	-	-	-
Cook Island	69	75.0	29.7	70.8	60	29.8	7.9	20.1	9	45.2	21.9	50.8	-	-	-	-
<b>America</b>	<b>42</b>	<b>523.2</b>	<b>303.3</b>	<b>548.1</b>	-	-	-	-	<b>39</b>	<b>515.6</b>	<b>300.2</b>	<b>537.3</b>	<b>3</b>	<b>7.6</b>	<b>3.1</b>	<b>10.9</b>
Panama	27	428.6	254.1	441.2	-	-	-	-	24	420.9	251.0	430.3	3	7.6	3.1	10.9
Antigua & Barbuda	14	84.7	44.2	93.0	-	-	-	-	14	84.7	44.2	93.0	-	-	-	-
Saint John	1	10.0	5.0	14.0	-	-	-	-	1	10.0	5.0	14.0	-	-	-	-
<b>Asia</b>	<b>76</b>	<b>823.4</b>	<b>412.8</b>	<b>1094.9</b>	-	-	-	-	<b>63</b>	<b>696.7</b>	<b>346.6</b>	<b>933.9</b>	<b>13</b>	<b>126.7</b>	<b>66.1</b>	<b>161.0</b>
Hong Kong	36	437.7	217.5	585.1	-	-	-	-	36	437.7	217.5	585.1	-	-	-	-
Singapore	38	325.6	158.3	417.4	-	-	-	-	27	258.9	129.2	348.8	11	66.7	29.2	68.6
Korea	2	60.1	37.0	92.4	-	-	-	-	-	-	-	-	2	60.1	37.0	92.4
<b>Europe</b>	<b>17</b>	<b>238.6</b>	<b>105.8</b>	<b>311.7</b>	-	-	-	-	<b>17</b>	<b>238.6</b>	<b>105.8</b>	<b>311.7</b>	-	-	-	-
Malta	10	168.9	67.2	215.1	-	-	-	-	10	168.9	67.2	215.1	-	-	-	-
Cyprus	7	69.7	38.7	96.6	-	-	-	-	7	69.7	38.7	96.6	-	-	-	-
<b>Africa</b>	<b>11</b>	<b>259.8</b>	<b>73.7</b>	<b>379.3</b>	-	-	-	-	<b>6</b>	<b>109.8</b>	<b>13.3</b>	<b>127.4</b>	<b>5</b>	<b>150.0</b>	<b>60.4</b>	<b>251.9</b>
Liberia	6	123.6	21.7	161.2	-	-	-	-	5	93.6	8.1	110.2	1	29.9	13.6	51.1
Monrovia	5	136.2	51.9	218.1	-	-	-	-	1	16.1	5.2	17.2	4	120.1	46.8	200.9

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 2: DEPARTEURE OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/

PORT : APIA

PERIOD: January - December 2020

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>	<b>215</b>	<b>1920.0</b>	<b>925.2</b>	<b>2404.9</b>	<b>60</b>	<b>29.8</b>	<b>7.9</b>	<b>20.1</b>	<b>134</b>	<b>1605.8</b>	<b>787.8</b>	<b>1961.0</b>	<b>21</b>	<b>284.4</b>	<b>129.5</b>	<b>423.8</b>
<b>Oceania</b>	<b>215</b>	<b>1920.0</b>	<b>925.2</b>	<b>2404.9</b>	<b>60</b>	<b>29.8</b>	<b>7.9</b>	<b>20.1</b>	<b>134</b>	<b>1605.8</b>	<b>787.8</b>	<b>1961.0</b>	<b>21</b>	<b>284.4</b>	<b>129.5</b>	<b>423.8</b>
Tokelau	60	29.8	7.9	20.1	60	29.8	7.9	20.1	-	-	-	-	-	-	-	-
Fiji	87	867.8	468.8	983.7	-	-	-	-	74	809.8	446.3	922.9	13	58.0	22.6	60.8
Tonga	17	232.694	85.656	318.11	-	-	-	-	17	232.7	85.7	318.1	-	-	-	-
Am Samoa	33	541.2	252.1	757.4	-	-	-	-	25	314.8	145.1	394.4	8	226.4	107.0	363.0
Tahiti	11	178.8	72.1	229.0	-	-	-	-	11	178.8	72.1	229.0	-	-	-	-
Vanuatu	7	69.7	38.7	96.6	-	-	-	-	7	69.7	38.7	96.6	-	-	-	-

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 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 2020**

Region and Port of Loading / Discharged	Total		General Cargo Vessel		Container Vessel		Mineral Oil Tanker Vessel	
	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
<b>TOTAL</b>	<b>313,921</b>	<b>56,131</b>	<b>885</b>	<b>5,924</b>	<b>237,214</b>	<b>50,207</b>	<b>75,823</b>	<b>-</b>
<b>Oceania</b>	<b>159,823</b>	<b>42,275</b>	<b>885</b>	<b>5,924</b>	<b>157,533</b>	<b>36,350</b>	<b>1,406</b>	<b>-</b>
American Samoa	131	5,315	-	-	131	5,315	-	-
Australia	11,821	1,952	-	-	10,415	1,952	1,406	-
Cook Island	-	3,361	-	-	-	3,361	-	-
Fiji	62,892	366	-	-	62,892	366	-	-
French Polynesia	583	3	-	-	583	3	-	-
Kiribati	46	-	-	-	46	-	-	-
New Caledonia	1,665	1,493	-	-	1,665	1,493	-	-
New Zealand	78,985	6,491	-	-	78,985	6,491	-	-
Tonga	2,635	17,260	-	-	2,635	17,260	-	-
Tokelau	885	5,924	885	5,924	-	-	-	-
Vanuatu	35	23	-	-	35	23	-	-
Marshall Island	145	-	-	-	145	-	-	-
Nauru	-	86	-	-	-	86	-	-
<b>America</b>	<b>31,986</b>	<b>7,250</b>	<b>-</b>	<b>-</b>	<b>31,986</b>	<b>7,250</b>	<b>-</b>	<b>-</b>
USA	31,986	7,236	-	-	31,986	7,236	-	-
Hawaii	-	14	-	-	-	14	-	-
<b>Asia</b>	<b>122,112</b>	<b>6,607</b>	<b>-</b>	<b>-</b>	<b>47,695</b>	<b>6,607</b>	<b>74,417</b>	<b>-</b>
Bangladesh	-	414	-	-	-	414	-	-
China	2,615	2,892	-	-	2,615	2,892	-	-
Japan	3,274	62	-	-	3,274	62	-	-
Korea	26,312	1,542	-	-	26,312	1,542	-	-
Hong Kong	14	65	-	-	14	65	-	-
Malaysia	1,616	-	-	-	1,616	-	-	-
Indonesia	297	-	-	-	297	-	-	-
Singapore	79,208	2	-	-	4,791	2	74,417	-
Taiwan	7,237	376	-	-	7,237	376	-	-
Vietnam	101	43	-	-	101	43	-	-
Thailand	1,439	1,209	-	-	1,439	1,209	-	-

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 2020**

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>215</b>	<b>60</b>	-	-	<b>13</b>	<b>22</b>	<b>60</b>	<b>27</b>	<b>26</b>	-	<b>7</b>
<b>Total Tonnage</b>	<b>2,404,907</b>	<b>20,064</b>	-	-	<b>60,822</b>	<b>126,828</b>	<b>802,147</b>	<b>483,121</b>	<b>567,592</b>	-	<b>344,333</b>
<b>Antigua &amp; Barbuda</b>											
No.of Ships	14	-	-	-	-	13	-	1	-	-	-
Total Tonnage	93,025	-	-	-	-	76,050	-	16,975	-	-	-
<b>Cook Island</b>											
No. of Ships	69	60	-	-	-	9	-	-	-	-	-
Total Tonnage	70,842	20,064	-	-	-	50,778	-	-	-	-	-
<b>Hong Kong</b>											
No. of Ships	41	-	-	-	-	-	25	-	16	-	-
Total Tonnage	695,300	-	-	-	-	-	342,788	-	352,512	-	-
<b>Liberia</b>											
No. of ship	6	-	-	-	-	-	-	1	-	-	5
Total Tonnage	269,140	-	-	-	-	-	-	17,197	-	-	251,943
<b>Malta</b>											
No.of Ship	10	-	-	-	-	-	-	-	10	-	-
Total Tonnage	215,080	-	-	-	-	-	-	-	215,080	-	-
<b>Panama</b>											
No. of Ship	27	-	-	-	3	-	-	24	-	-	-
Total Tonnage	441,154	-	-	-	10,860	-	-	430,294	-	-	-
<b>Singapore</b>											
No. of Ship	39	-	-	-	10	-	28	1	-	-	-
Total Tonnage	431,334	-	-	-	49,962	-	362,717	18,655	-	-	-
<b>Cyprus</b>											
No. of Ship	7	-	-	-	-	-	7	-	-	-	-
Total Tonnage	96,642	-	-	-	-	-	96,642	-	-	-	-
<b>Korea</b>											
No. of Ship	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	92,390	-	-	-	-	-	-	-	-	-	92,390

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 - December 2020**

PERIOD	TYPE OF VESSEL			TOTAL
	GENERAL CARGO	CONTAINER	TANKERS	
<b>Annually</b>				
2019	85	159	24	<b>268</b>
2020	60	134	21	<b>215</b>
<b>Six months</b>				
Jan 19 - Jun 19	40	79	11	<b>130</b>
Jul 19 - Dec 19	45	80	13	<b>138</b>
Jan 20 - Jun 20	33	68	10	<b>111</b>
Jul 20 - Dec 20	27	66	11	<b>104</b>
<b>Monthly</b>				
<b>2019</b>				
January	7	13	3	23
February	7	12	2	21
March	7	15	2	24
April	7	11	1	19
May	7	15	2	24
June	5	13	1	19
July	8	12	2	22
August	6	16	2	24
September	7	15	2	24
October	7	14	3	24
November	8	11	2	21
December	9	12	2	23
<b>2020</b>				
January	6	9	1	16
February	4	11	1	16
March	6	14	2	22
April	6	13	2	21
May	5	11	2	18
June	6	10	2	18
July	5	10	1	16
August	3	13	2	18
September	3	10	1	14
October	4	12	2	18
November	6	10	3	19
December	6	11	2	19

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 2020**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
<b>Total</b>				
<b>Inward</b>	<b>189</b>	<b>49</b>	<b>119</b>	<b>21</b>
<b>Outward</b>	<b>162</b>	<b>58</b>	<b>104</b>	<b>-</b>
<b>January</b>				
Inward	14	6	7	1
Outward	11	6	5	-
<b>February</b>				
Inward	15	4	10	1
Outward	13	4	9	-
<b>March</b>				
Inward	21	6	13	2
Outward	18	6	12	-
<b>April</b>				
Inward	14	3	9	2
Outward	16	6	10	-
<b>May</b>				
Inward	14	3	9	2
Outward	14	4	10	-
<b>June</b>				
Inward	13	4	7	2
Outward	13	4	9	-
<b>July</b>				
Inward	16	5	10	1
Outward	12	5	7	-
<b>August</b>				
Inward	18	3	13	2
Outward	14	4	10	-
<b>September</b>				
Inward	16	5	10	1
Outward	14	6	8	-
<b>October</b>				
Inward	18	4	12	2
Outward	14	6	8	-
<b>November</b>				
Inward	13	2	8	3
Outward	10	3	7	-
<b>December</b>				
Inward	17	4	11	2
Outward	13	4	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 7: INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPE OF VESSELS 1/**

**PORT : APIA**

**PERIOD: January - December 2020**

	<u>Type of Vessel</u>			
	<b>Total</b>	<b>General Cargo Vessel</b>	<b>Container Vessel</b>	<b>Mineral Oil Tanker</b>
<b>Total</b>				
<b>Inward</b>	<b>313,921</b>	<b>885</b>	<b>237,214</b>	<b>75,823</b>
<b>Outward</b>	<b>56,131</b>	<b>5,924</b>	<b>50,207</b>	<b>-</b>
<b>January</b>				
Inward	22,351	72	10,930	11,350
Outward	5,112	150	4,962	-
<b>February</b>				
Inward	19,681	36	19,495	150
Outward	6,125	303	5,821	-
<b>March</b>				
Inward	24,541	74	15,282	9,185
Outward	4,794	225	4,569	-
<b>April</b>				
Inward	21,617	110	13,296	8,211
Outward	4,571	506	4,065	-
<b>May</b>				
Inward	15,755	55	12,056	3,644
Outward	3,516	416	3,099	-
<b>June</b>				
Inward	20,326	66	12,395	7,865
Outward	3,760	446	3,314	-
<b>July</b>				
Inward	22,882	114	20,565	2,203
Outward	3,838	483	3,355	-
<b>August</b>				
Inward	43,493	138	31,443	11,912
Outward	6,552	467	6,085	-
<b>September</b>				
Inward	21,023	56	20,817	150
Outward	3,715	978	2,738	-
<b>October</b>				
Inward	45,173	42	34,482	10,649
Outward	7,178	1,065	6,113	-
<b>November</b>				
Inward	17,092	64	16,919	109
Outward	3,764	563	3,201	-
<b>December</b>				
Inward	39,987	57	29,535	10,395
Outward	3,206	323	2,883	-

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.