



GOVERNMENT OF SAMOA

## SAMOA BUREAU OF STATISTICS

### Shipping Statistics Report January-June 2019

#### Highlights of the six months period

- Total number of sea going vessels cleared at the port of Apia was three hundred and twelve (312)
- Total number of sea going vessels accepted for tabulation was one hundred and thirty (130) consisted of seventy nine (79) container vessels, forty (40) General Cargo Vessels, and eleven (11) Mineral Oil Tankers.
- One hundred and twenty eight (128) vessels carried inward cargo
- Ninety nine (99) 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 2019 was three hundred and twelve (312). Of the total, one hundred and thirty (130) international sea going vessels were accepted for tabulation, which consisted of seventy nine (79) Container Vessels, forty (40) General Cargo Vessels, and eleven (11) Mineral Oil Tankers. There were one hundred and eighty two (182) vessels excluded from tabulation as 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.

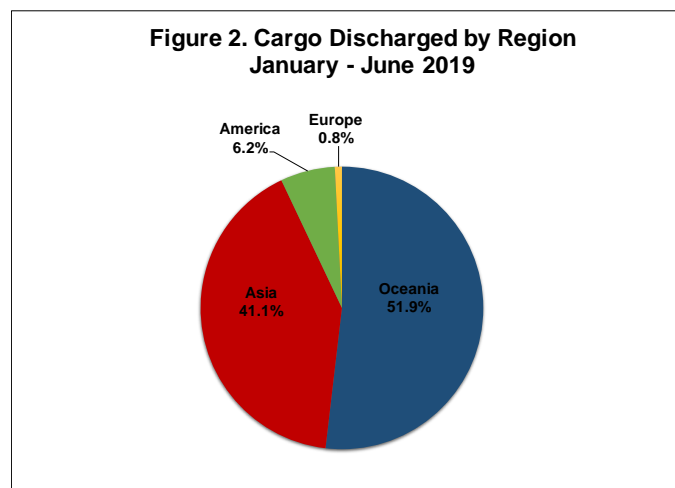
Figure 1. Number of vessels by type and percentage

Type of Vessel	Number of Vessels	Percentage
<b>Total</b>	<b>130</b>	<b>100</b>
Container Vessel	79	60.8
General Cargo Vessel	40	30.8
Mineral Oil Tanker	11	8.5

##### Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, one hundred and twenty eight (128)<sup>1</sup> vessels discharged a combined total of 190,370 metric tonnes of cargo, of which 51.9 percent (98,718 metric tonnes) from the Oceanic region (mostly from New Zealand), 41.1 percent (78,232 metric tonnes) came

from the Asian region (mostly from Singapore and Japan), 6.2 percent (11,883 metric tonnes) from the American region (mostly from USA) and 0.8 percent (1,537 metric tonnes) came from Europe (mostly from Poland). See figure 2 and table 3.



Source: Samoa Bureau of Statistics

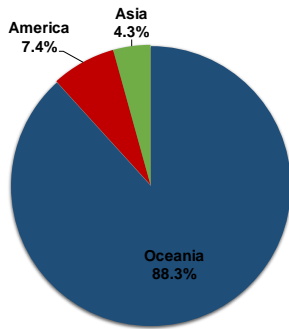
##### Cargo Loaded

Ninety nine (99)<sup>2</sup> vessels loaded a combined total of 37,397 metric tonnes of cargo, of which 88.3 percent (33,007 metric tonnes) were loaded for the Oceanic region (mostly to New Zealand), 7.4 percent (2,781 metric tonnes) were loaded for the American region (mostly to Hawaii) and the remaining 4.3 percent (1,609 metric tonnes) were loaded for the Asian region (mostly to Singapore and Japan). See figure 3 and table 3.

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

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

**Figure 3. Cargo Loaded by Region  
January - June 2019**



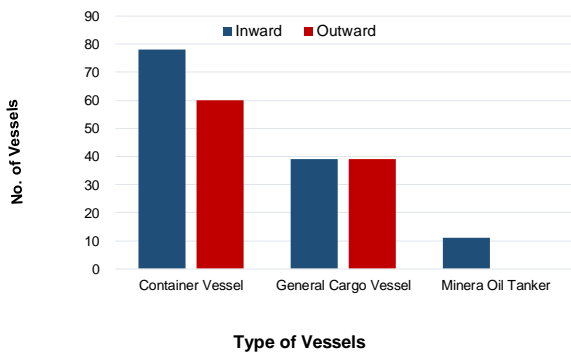
Source: Samoa Bureau of Statistics

**Vessels carried inward/outward cargo**

Of the one hundred and thirty (130)<sup>3</sup> vessels arrived, only one hundred and twenty eight (128) vessels carried inward cargo and ninety nine (99) vessels returned with outward cargo.

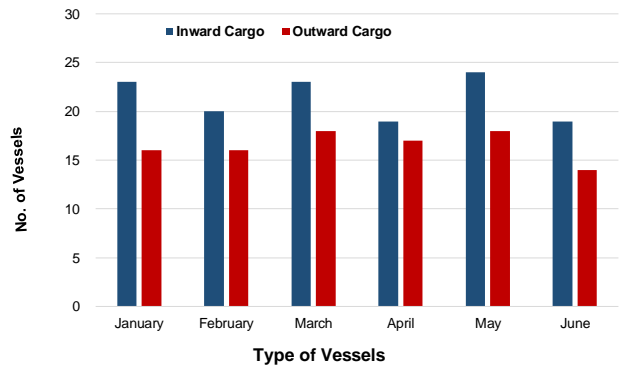
The one hundred and twenty eight vessels carried inward cargo consisted of seventy eight (78) Container vessels, thirty nine (39) General Cargo vessels and eleven (11) Mineral Oil Tanker vessels while the ninety nine (99) vessels returned with outward cargo consisted of sixty (60) Container vessels and thirty nine (39) 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.

**Figure 4. Number of Vessels that carried Inward/Outward Cargo by Type of Vessel  
January - June 2019**



Source: Samoa Bureau of Statistics

**Figure 5. Number of Vessels that carried Inward/Outward Cargo by month  
January - June 2019**

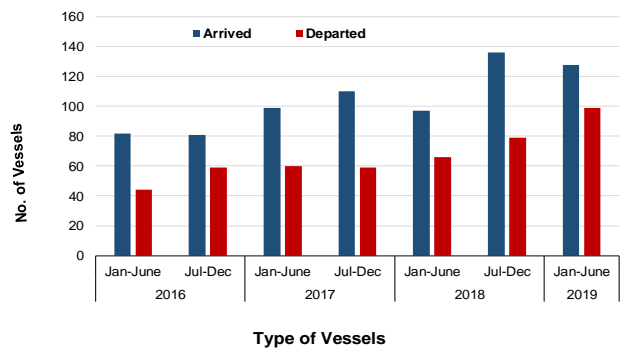


Source: Samoa Bureau of Statistics

A comparative analysis of six month shipping reports in the last two years (2016-2019) revealed that, the total number of vessels<sup>4</sup> arrived ranged from 81 to 136 while vessels<sup>5</sup> departed ranged from 44 to 99. See figure 6.

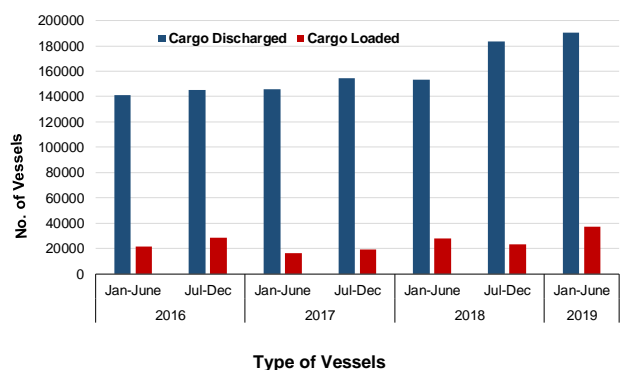
On the other hand, cargo discharged ranged from 141,078 to 190,370 metric tonnes while cargo loaded ranged from 16,457 to 37,397 metric tonnes. See figure 7.

**Figure 6. Number of Vessels Arrived/Departed at the Port of Apia Biannual (2016-2019)**



Source: Samoa Bureau of Statistics

**Figure 7. Cargo Discharged/Loaded at the Port of Apia Biannual (2016-2019)**



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 2019 last six months (July-December) Report will be available on March 29<sup>th</sup>, 2020.



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## **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: January - June 2019**

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>130</b>	<b>1,125.0</b>	<b>524.4</b>	<b>1,428.7</b>	<b>40</b>	<b>20.4</b>	<b>5.5</b>	<b>12.5</b>	<b>79</b>	<b>902.4</b>	<b>435.0</b>	<b>1,100.4</b>	<b>11</b>	<b>202.2</b>	<b>83.9</b>	<b>315.8</b>
<b>Oceania</b>	<b>46</b>	<b>79.3</b>	<b>32.9</b>	<b>94.8</b>	<b>39</b>	<b>19.4</b>	<b>4.9</b>	<b>10.9</b>	<b>6</b>	<b>30.2</b>	<b>14.6</b>	<b>33.9</b>	<b>1</b>	<b>29.7</b>	<b>13.4</b>	<b>50.0</b>
Cook Island	45	49.6	19.5	44.8	39	19.4	4.9	10.9	6	30.2	14.6	33.9	-	-	-	-
Marshall Island	1	29.7	13.4	50.0	-	-	-	-	-	-	-	-	1	29.7	13.4	50.0
<b>America</b>	<b>28</b>	<b>335.3</b>	<b>185.3</b>	<b>382.3</b>	<b>1</b>	<b>1.0</b>	<b>0.5</b>	<b>1.6</b>	<b>26</b>	<b>304.3</b>	<b>172.8</b>	<b>334.6</b>	<b>1</b>	<b>30.0</b>	<b>12.0</b>	<b>46.2</b>
Panama	13	240.7	137.5	261.5	-	-	-	-	12	210.7	125.5	215.3	1	30.0	12.0	46.2
Saint John	4	30.9	15.5	43.0	1	1.0	0.5	1.6	3	29.9	14.9	41.5	-	-	-	-
Antigua & Barbuda	11	63.8	32.4	77.8	-	-	-	-	11	63.8	32.4	77.8	-	-	-	-
<b>Asia</b>	<b>43</b>	<b>446.7</b>	<b>212.2</b>	<b>583.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>37</b>	<b>392.0</b>	<b>192.2</b>	<b>513.2</b>	<b>6</b>	<b>54.8</b>	<b>20.0</b>	<b>70.7</b>
Hong Kong	18	217.0	110.6	285.2	-	-	-	-	17	187.4	98.1	239.4	1	29.6	12.5	45.8
Singapore	25	229.7	101.7	298.6	-	-	-	-	20	204.6	94.1	273.7	5	25.2	7.6	24.9
<b>Europe</b>	<b>6</b>	<b>101.3</b>	<b>40.3</b>	<b>129.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>101.3</b>	<b>40.3</b>	<b>129.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Malta	6	101.3	40.3	129.0	-	-	-	-	6	101.3	40.3	129.0	-	-	-	-
<b>Africa</b>	<b>7</b>	<b>162.4</b>	<b>53.6</b>	<b>238.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>74.6</b>	<b>15.2</b>	<b>89.8</b>	<b>3</b>	<b>87.7</b>	<b>38.5</b>	<b>149.0</b>
Liberia	4	86.1	18.5	117.2	-	-	-	-	3	56.2	4.9	66.1	1	29.9	13.6	51.1
Monrovia	3	76.2	35.2	121.6	-	-	-	-	1	18.5	10.3	23.7	2	57.8	24.9	97.9

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 - June 2019**

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)		
<b>TOTAL</b>	<b>130</b>	<b>1,125.0</b>	<b>524.4</b>	<b>1,428.7</b>	<b>40</b>	<b>20.4</b>	<b>5.5</b>	<b>12.5</b>	<b>79</b>	<b>902.4</b>	<b>435.0</b>	<b>1,100.4</b>	<b>11</b>	<b>202.2</b>	<b>83.9</b>	<b>315.8</b>
<b>Oceania</b>	<b>130</b>	<b>1,125.0</b>	<b>524.4</b>	<b>1,428.7</b>	<b>40</b>	<b>20.4</b>	<b>5.5</b>	<b>12.5</b>	<b>79</b>	<b>902.4</b>	<b>435.0</b>	<b>1,100.4</b>	<b>11</b>	<b>202.2</b>	<b>83.9</b>	<b>315.8</b>
Tokelau	39	19.4	4.9	10.9	39	19.4	4.9	10.9	-	-	-	-	-	-	-	-
Marshall Island	1	18.3	10.7	23.3	-	-	-	-	1	18.3	10.7	23.3	-	-	-	-
Fiji	45	428.0	225.7	483.6	1	1.0	0.5	1.6	39	401.8	217.6	457.1	5	25.2	7.6	24.9
New Zealand	2	19.5	9.9	26.0	-	-	-	-	2	19.5	9.9	26.0	-	-	-	-
Tonga	6	98.7	21.8	115.1	-	-	-	-	6	98.7	21.8	115.1	-	-	-	-
Am Samoa	23	322.6	158.2	462.1	-	-	-	-	19	203.1	108.6	269.1	4	119.5	49.6	193.0
Tahiti	12	161.0	66.5	209.8	-	-	-	-	12	161.0	66.5	209.8	-	-	-	-
Australia	2	57.6	26.7	97.9	-	-	-	-	-	-	-	-	2	57.6	26.7	97.9

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 2019**

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>190,370</b>	<b>37,397</b>	<b>308</b>	<b>2,465</b>	<b>154,546</b>	<b>34,932</b>	<b>35,517</b>	<b>-</b>
<b>Oceania</b>	<b>98,718</b>	<b>33,007</b>	<b>308</b>	<b>2,465</b>	<b>97,600</b>	<b>30,542</b>	<b>810</b>	<b>-</b>
American Samoa	186	1,493	-	-	186	1,493	-	-
Australia	5,209	1,623	-	-	4,399	1,623	810	-
Cook Island	-	2,873	-	-	-	2,873	-	-
Fiji	28,387	675	-	-	28,387	675	-	-
French Polynesia	304	-	-	-	304	-	-	-
Kiribati	23	608	-	-	23	608	-	-
New Caledonia	1,192	9	-	-	1,192	9	-	-
New Zealand	62,699	15,086	-	-	62,699	15,086	-	-
Niue	-	4	-	-	-	4	-	-
Tonga	383	8,171	-	-	383	8,171	-	-
Tokelau	308	2,465	308	2,465	-	-	-	-
Vanuatu	27	-	-	-	27	-	-	-
<b>America</b>	<b>11,883</b>	<b>2,781</b>	<b>-</b>	<b>-</b>	<b>11,883</b>	<b>2,781</b>	<b>-</b>	<b>-</b>
Hawaii	2,952	2,071	-	-	2,952	2,071	-	-
USA	8,931	710	-	-	8,931	710	-	-
<b>Europe</b>	<b>1,537</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,537</b>	<b>-</b>	<b>-</b>	<b>-</b>
Belgium	16	-	-	-	16	-	-	-
Porland	1,521	-	-	-	1,521	-	-	-
<b>Asia</b>	<b>78,232</b>	<b>1,609</b>	<b>-</b>	<b>-</b>	<b>43,525</b>	<b>1,609</b>	<b>34,707</b>	<b>-</b>
China	1,868	33	-	-	1,868	33	-	-
Georgia	279	-	-	-	279	-	-	-
Japan	23,628	358	-	-	23,628	358	-	-
Korea	16,556	68	-	-	16,556	68	-	-
Malaysia	24	-	-	-	24	-	-	-
Philipines	24	-	-	-	24	-	-	-
Singapore	34,707	689	-	-	-	689	34,707	-
Taiwan	1,133	461	-	-	1,133	461	-	-
Thailand	13	-	-	-	13	-	-	-

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 2019**

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 Vessels</b>	<b>130</b>	<b>39</b>	<b>-</b>	<b>1</b>	<b>6</b>	<b>17</b>	<b>36</b>	<b>12</b>	<b>13</b>	<b>-</b>	<b>6</b>
<b>Total Tonnage</b>	<b>1,428,731</b>	<b>10,946</b>	<b>-</b>	<b>1,559</b>	<b>29,880</b>	<b>111,602</b>	<b>482,354</b>	<b>215,319</b>	<b>286,156</b>	<b>-</b>	<b>290,915</b>
<b>Antigua &amp; Barbuda</b>											
No. of Ships	12	-	-	1	-	11	-	-	-	-	-
Total Tonnage	79,309	-	-	1,559	-	77,750	-	-	-	-	-
<b>Cook Island</b>											
No. of Ships	45	39	-	-	-	6	-	-	-	-	-
Total Tonnage	44,798	10,946	-	-	-	33,852	-	-	-	-	-
<b>Hong Kong</b>											
No. of Ships	21	-	-	-	1	-	14	-	5	-	1
Total Tonnage	351,325	-	-	-	4,980	-	190,394	-	110,160	-	45,791
<b>Liberia</b>											
No. of Ships	4	-	-	-	-	-	-	-	1	-	3
Total Tonnage	172,643	-	-	-	-	-	-	-	23,685	-	148,958
<b>Malta</b>											
No. of Ships	6	-	-	-	-	-	-	-	6	-	-
Total Tonnage	129,048	-	-	-	-	-	-	-	129,048	-	-
<b>Marshall Island</b>											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	49,990	-	-	-	-	-	-	-	-	-	49,990
<b>Panama</b>											
No. of Ships	13	-	-	-	-	-	-	12	-	-	1
Total Tonnage	261,495	-	-	-	-	-	-	215,319	-	-	46,176
<b>Singapore</b>											
No. of Ships	28	-	-	-	5	-	22	-	1	-	-
Total Tonnage	340,123	-	-	-	24,900	-	291,960	-	23,263	-	-

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 5: NUMBER OF VESSELS CALL PER MONTH BY TYPE OF VESSEL 1/**

**PORT : APIA**

**PERIOD: January - June 2019**

Type of Vessel	Total	January	February	March	April	May	June
<b>Total</b>	<b>130</b>	<b>23</b>	<b>21</b>	<b>24</b>	<b>19</b>	<b>24</b>	<b>19</b>
General Cargo Vessel	40	7	7	7	7	7	5
Container Vessel	79	13	12	15	11	15	13
Mineral Oil Tanker	11	3	2	2	1	2	1

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

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 - June 2019**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
<b>Total</b>				
<b>Inward</b>	<b>128</b>	<b>39</b>	<b>78</b>	<b>11</b>
<b>Outward</b>	<b>99</b>	<b>39</b>	<b>60</b>	<b>-</b>
<b>January</b>				
Inward	23	7	13	3
Outward	16	7	9	-
<b>February</b>				
Inward	20	6	12	2
Outward	16	6	10	-
<b>March</b>				
Inward	23	7	14	2
Outward	18	7	11	-
<b>April</b>				
Inward	19	7	11	1
Outward	17	7	10	-
<b>May</b>				
Inward	24	7	15	2
Outward	18	7	11	-
<b>June</b>				
Inward	19	5	13	1
Outward	14	5	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 metri tonnes) FLOW PER MONTH BY TYPE OF VESSELS 1/**  
**PORT : APIA**  
**PERIOD: January - June 2019**

Number of Vessels	<u>Type of Vessel</u>			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
<b>Total</b>				
Inward	190,370	308	154,546	35,517
Outward	37,397	2,465	34,932	-
<b>January</b>				
Inward	20,561	24	18,848	1,689
Outward	4,428	323	4,106	-
<b>February</b>				
Inward	27,649	44	19,720	7,884
Outward	3,839	611	3,228	-
<b>March</b>				
Inward	30,577	86	21,181	9,311
Outward	6,690	439	6,251	-
<b>April</b>				
Inward	54,477	72	46,193	8,212
Outward	6,977	275	6,702	-
<b>May</b>				
Inward	33,426	70	25,075	8,281
Outward	8,683	316	8,367	-
<b>June</b>				
Inward	23,680	11	23,529	140
Outward	6,780	502	6,278	-

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.