



GOVERNMENT OF SAMOA

## SAMOA BUREAU OF STATISTICS

### Annual Shipping Statistics 2017

#### Highlights of the year

- 480 international sea going vessels were cleared at the port of Apia
- 230 international sea going vessels were accepted for tabulation consisted of one hundred and fifty three (153) container vessels, fifty four (54) General Cargo Vessels, and twenty three (23) Mineral Oil Tankers.

#### Overview

##### Number of vessels

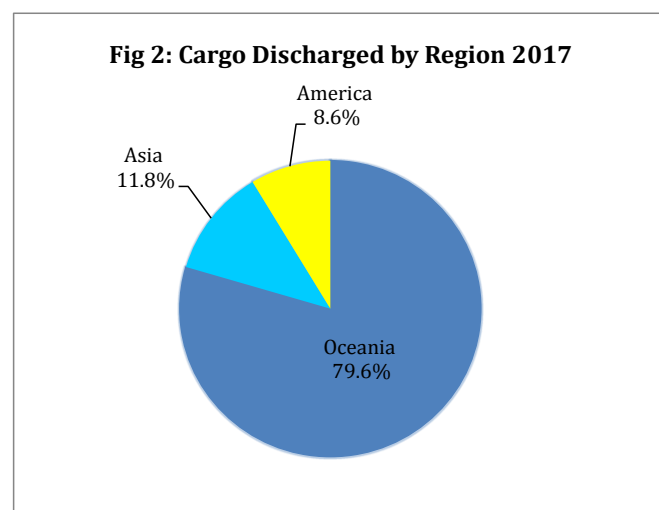
In 2017, there were four hundred and eighty (480) international sea going vessels cleared at the port of Apia. Of the total, two hundred and thirty (230) international sea going vessels accepted for tabulation which consisted of one hundred and fifty three (153) Container Vessels, fifty four (54) General Cargo Vessels, and twenty three (23) Mineral Oil Tankers. There were two hundred and fifty one (251) vessels were 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 Vessels	Number of Vessels	Percentage
Container Vessels	153	66.5
General Cargo Vessel	54	23.5
Mineral Oil Tanker	23	10.0
<b>Total</b>	<b>230</b>	<b>100</b>

#### Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, two hundred and nine (209)<sup>1</sup> vessels discharged a combined total of 300 thousand metric tonnes of cargo, of which 79.6 percent (239 thousand metric tonnes) came from the Oceanic region (mostly from New Zealand and Fiji), 11.8 percent (35 thousand metric tonnes) from Asia (mostly from Korea) and 8.6 percent (26 thousand metric tonnes) from the American region (mostly from USA). See figure 2 and tables 3 & 6.



Source: Samoa Bureau of Statistics

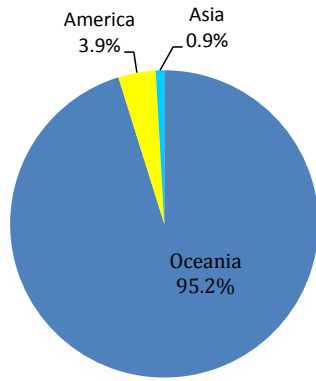
#### Cargo Loaded

There were one hundred and nineteen (119)<sup>2</sup> vessels loaded a combined total of 36 thousand metric tonnes of cargo, of which 95.2 percent (34 thousand metric tonnes) were loaded for the Oceanic region (mostly to New Zealand), 3.9 percent (1 thousand metric tonnes) were loaded for the American region (all to USA) and the remaining 0.9 percent (300 hundred metric tonnes) were loaded for the Asia region (mostly to Taiwan). 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

**Fig 3: Cargo Loaded by Region 2017**



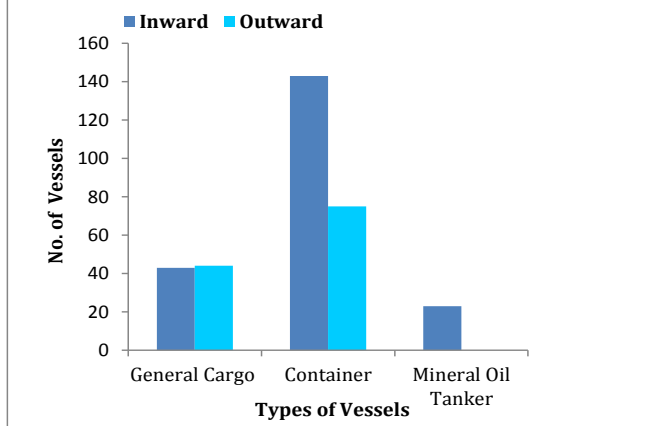
Source: Samoa Bureau of Statistics

**Vessels carried inward/outward cargo**

Of the two hundred and thirty (230)<sup>3</sup> vessels arrived, there were two hundred and nine (209) vessels carried inward cargo and one hundred and nineteen (119) vessels returned with outward cargo.

The 209 vessels carried inward cargo consisted of 143 Container vessels, 23 Mineral Oil Tankers and 43 General Cargo vessels. The 119 vessels returned with outward cargo consisted of 75 Container vessels, (44) General Cargo vessels and No Mineral Oil Tankers returned with any outward cargo. Figure 4 depicts a clear comparison of vessels that carried inward and outward cargo for the year 2017.

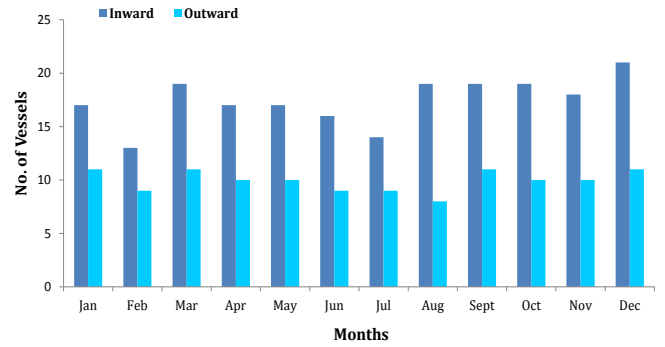
**Figure 4: Number of Vessels that carried Inward/Outward Cargo by Type, 2017**



Source: Samoa Bureau of Statistics

The number of vessels that carried inward cargo in each month of 2017 ranged from 13-21, while vessels that loaded outward cargo ranged from 8-11. This is graphically illustrated in Figure 5.

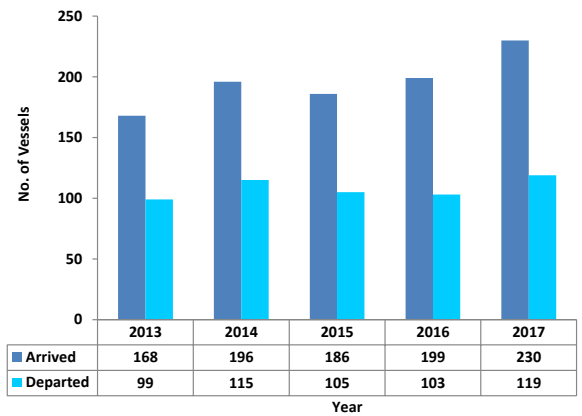
**Figure 5: Number of Vessels that carried Inward/Outward Cargo per month, 2017**



Source: Samoa Bureau of Statistics

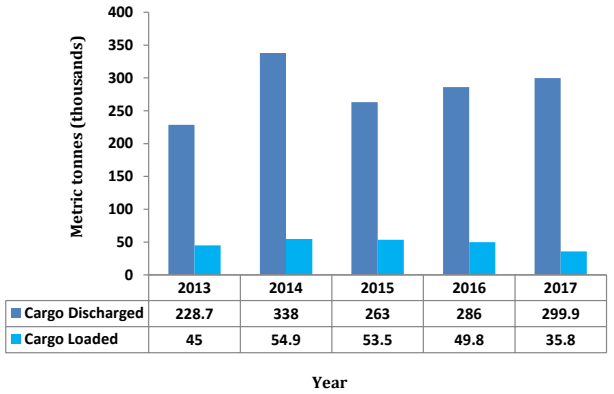
The total number of international sea going vessels arrived and departed, and cargo loaded and discharged at the port of Apia for the last 5 years are graphically presented respectively below in Figure 6 and Figure 7.

**Figure 6: Number of Vessels Arrived/Departed at the port of Apia (2013-2017)**



Source: Samoa Bureau of Statistics

**Figure 7: Cargo Loaded/Discharged at the port of Apia (2013-2017)**



Source: Samoa Bureau of Statistics

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

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 2017

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (metric tonnes)	NRT	DWT	No of Ship	GRT (metric tonnes)	NRT	DWT	No. of Ship	GRT (metric tonnes)	NRT	DWT	No of Ship	GRT (metric tonnes)	NRT	DWT
<b>TOTAL</b>	<b>230</b>	<b>2,175.9</b>	<b>977.4</b>	<b>2,790.0</b>	<b>54</b>	<b>64.9</b>	<b>24.8</b>	<b>67.8</b>	<b>153</b>	<b>1,710.5</b>	<b>789.9</b>	<b>2,112.0</b>	<b>23</b>	<b>400.5</b>	<b>162.7</b>	<b>610.2</b>
<b><u>OCEANIA</u></b>	<b>52</b>	<b>73.0</b>	<b>27.8</b>	<b>88.7</b>	<b>51</b>	<b>43.2</b>	<b>14.0</b>	<b>38.8</b>	-	-	-	-	<b>1</b>	<b>29.8</b>	<b>13.8</b>	<b>49.9</b>
Cook Island	46	23.0	4.6	9.2	46	23.0	4.6	9.2	-	-	-	-	-	-	-	-
Marshall Island	2	43.6	19.2	69.9	1	13.8	5.4	20.0	-	-	-	-	1	29.8	13.8	49.9
Tonga	4	6.4	4.0	9.6	4	6.4	4.0	9.6	-	-	-	-	-	-	-	-
<b><u>EUROPE</u></b>	<b>37</b>	<b>309.4</b>	<b>145.9</b>	<b>387.4</b>	-	-	-	-	<b>37</b>	<b>309.4</b>	<b>145.9</b>	<b>387.4</b>	-	-	-	-
Portugal	28	165.9	82.8	204.1	-	-	-	-	28	165.9	82.8	204.1	-	-	-	-
Italy	6	101.4	40.2	129.0	-	-	-	-	6	101.4	40.2	129.0	-	-	-	-
Germany	2	36.8	20.6	46.6	-	-	-	-	2	36.8	20.6	46.6	-	-	-	-
Cyprus	1	5.3	2.3	7.7	-	-	-	-	1	5.3	2.3	7.7	-	-	-	-
<b><u>AMERICA</u></b>	<b>43</b>	<b>526.1</b>	<b>289.5</b>	<b>580.5</b>	<b>3</b>	<b>21.7</b>	<b>10.8</b>	<b>29.0</b>	<b>28</b>	<b>432.6</b>	<b>255.0</b>	<b>458.6</b>	<b>12</b>	<b>71.8</b>	<b>23.7</b>	<b>92.9</b>
Panama	33	427.0	241.3	437.3	-	-	-	-	22	385.2	229.2	394.4	11	41.8	12.1	42.9
USA	10	99.1	48.2	143.2	3	21.7	10.8	29.0	6	47.4	25.8	64.2	1	30.0	11.6	50.0
<b><u>AFRICA</u></b>	<b>9</b>	<b>190.8</b>	<b>36.4</b>	<b>255.0</b>	-	-	-	-	<b>7</b>	<b>130.9</b>	<b>11.2</b>	<b>154.0</b>	<b>2</b>	<b>59.9</b>	<b>25.2</b>	<b>101.0</b>
Liberia	9	190.8	36.4	255.0	-	-	-	-	7	130.9	11.2	154.0	2	59.9	25.2	101.0
<b><u>ASIA</u></b>	<b>89</b>	<b>1,076.6</b>	<b>477.8</b>	<b>1,478.4</b>	-	-	-	-	<b>81</b>	<b>837.6</b>	<b>377.8</b>	<b>1,112.0</b>	<b>8</b>	<b>239.0</b>	<b>100.0</b>	<b>366.4</b>
Singapore	70	681.7	304.5	920.3	-	-	-	-	70	681.7	304.5	920.3	-	-	-	-
Hong Kong	12	185.5	85.8	237.5	-	-	-	-	11	155.9	73.3	191.7	1	29.6	12.5	45.8
China	7	209.4	87.5	320.6	-	-	-	-	-	-	-	-	7	209.4	87.5	320.6

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 2. DEPARTURE OF VESSELS BY TYPE AND COUNTRY OF DESTINATION 1/  
PORT : APIA  
PERIOD : JANUARY - DECEMBER 2017**

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (metric tonnes)	NRT	DWT	No of Ship	GRT (metric tonnes)	NRT	DWT	No. of Ship	GRT (metric tonnes)	NRT	DWT	No of Ship	GRT (metric tonnes)	NRT	DWT
<b>TOTAL</b>	<b>230</b>	<b>2,175.9</b>	<b>977.4</b>	<b>2,790.0</b>	<b>54</b>	<b>64.9</b>	<b>24.8</b>	<b>67.8</b>	<b>153</b>	<b>1,710.5</b>	<b>789.9</b>	<b>2,112.0</b>	<b>23</b>	<b>400.5</b>	<b>162.7</b>	<b>610.2</b>
<b>OCEANIA</b>	<b>230</b>	<b>2,175.9</b>	<b>977.4</b>	<b>2,790.0</b>	<b>54</b>	<b>64.9</b>	<b>24.8</b>	<b>67.8</b>	<b>153</b>	<b>1,710.5</b>	<b>789.9</b>	<b>2,112.0</b>	<b>23</b>	<b>400.5</b>	<b>162.7</b>	<b>610.2</b>
Australia	3	21.7	10.8	29.0	3	21.7	10.8	29.0	-	-	-	-	-	-	-	-
New Zealand	4	15.2	4.4	15.6	-	-	-	-	-	-	-	-	4	15.2	4.4	15.6
Fiji	103	1,045.6	535.8	1,260.9	1	13.8	5.4	20.0	94	974.7	510.2	1,167.7	8	57.1	20.2	73.2
Tonga	12	224.4	49.7	264.0	-	-	-	-	12	224.4	49.7	264.0	-	-	-	-
Vanuatu	1	5.3	2.3	7.7	-	-	-	-	1	5.3	2.3	7.7	-	-	-	-
Tahiti	18	237.7	98.8	306.6	-	-	-	-	18	237.7	98.8	306.6	-	-	-	-
Am.Samoa	39	596.6	267.0	887.4	-	-	-	-	28	268.4	128.9	366.0	11	328.2	138.1	521.4
Tokelau	50	29.4	8.6	18.8	50	29.4	8.6	18.8	-	-	-	-	-	-	-	-

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 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 2017**

REGION AND PORT OF LOADING/ DISCHARGE	Total		General Cargo Vessel		Container Vessel		Mineral Oil Tanker	
	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
<b>TOTAL</b>	<b>299,855</b>	<b>35,759</b>	<b>438</b>	<b>2,456</b>	<b>208,581</b>	<b>33,303</b>	<b>90,836</b>	<b>-</b>
<b><u>OCEANIA</u></b>	<b>238,539</b>	<b>34,036</b>	<b>262</b>	<b>2,456</b>	<b>147,441</b>	<b>31,580</b>	<b>90,836</b>	<b>-</b>
Australia	9,618	3,991	-	-	8,513	3,991	1,105	-
New Zealand	116,762	21,177	9	-	85,738	21,177	31,015	-
Fiji	96,891	1,087	-	-	45,506	1,087	51,385	-
Tonga	57	3,175	-	-	57	3,175	-	-
Solomon Island	5,922	-	-	-	5,922	-	-	-
New Caledonia	23	468	-	-	23	468	-	-
Vanuatu	1	-	-	-	1	-	-	-
Tahiti	904	-	-	-	904	-	-	-
Marshall Island	106	86	-	-	106	86	-	-
Kiribati	75	-	-	-	75	-	-	-
Am Samoa	7,927	1,596	-	-	596	1,596	7,331	-
Tokelau	253	2,456	253	2,456	-	-	-	-
<b><u>AMERICA</u></b>	<b>25,892</b>	<b>1,405</b>	<b>-</b>	<b>-</b>	<b>25,892</b>	<b>1,405</b>	<b>-</b>	<b>-</b>
U.S.A	25,870	1,405	-	-	25,870	1,405	-	-
Hawaii	22	-	-	-	22	-	-	-
<b><u>ASIA</u></b>	<b>35,424</b>	<b>318</b>	<b>176</b>	<b>-</b>	<b>35,248</b>	<b>318</b>	<b>-</b>	<b>-</b>
Korea	26,543	49	-	-	26,543	49	-	-
Japan	3,035	-	-	-	3,035	-	-	-
China	4,158	50	176	-	3,982	50	-	-
Taiwan	849	219	-	-	849	219	-	-
Thailand	192	-	-	-	192	-	-	-
Malaysia	297	-	-	-	297	-	-	-
Phillipine	216	-	-	-	216	-	-	-
Singapore	108	-	-	-	108	-	-	-
Hong Kong	26	-	-	-	26	-	-	-

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 4. ARRIVAL OF VESSEL BY DWT, CLASS AND FLAG 1/

PORT : APIA

PERIOD : JANUARY - DECEMBER 2017

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>	230	46	-	4	11	30	77	30	20	-	12
<b>Total Tonnage</b>	2,788,457	9,108	-	9,732	42,394	215,178	997,645	506,892	440,034	-	567,474
<b>Cook Island</b>											
No. of Ships	46	46	-	-	-	-	-	-	-	-	-
Total Tonnage	9,108	9,108	-	-	-	-	-	-	-	-	-
<b>Tonga</b>											
No. of Ships	4	-	-	4	-	-	-	-	-	-	-
Total Tonnage	9,732	-	-	9,732	-	-	-	-	-	-	-
<b>Marshall Island</b>											
No. of Ships	2	-	-	-	-	-	-	1	-	-	1
Total Tonnage	69,582	-	-	-	-	-	-	19,592	-	-	49,990
<b>Panama</b>											
No. of Ships	33	-	-	-	11	-	-	22	-	-	-
Total Tonnage	437,088	-	-	-	42,394	-	-	394,694	-	-	-
<b>Antigua &amp; Barbuda</b>											
No. of Ships	36	-	-	-	-	28	8	-	-	-	-
Total Tonnage	287,421	-	-	-	-	198,689	88,732	-	-	-	-
<b>Liberia</b>											
No. of Ships	3	-	-	-	-	-	-	-	-	-	3
Total Tonnage	151,068	-	-	-	-	-	-	-	-	-	151,068
<b>Cayman Island</b>											
No. of Ships	1	-	-	-	-	1	-	-	-	-	-
Total Tonnage	8,825	-	-	-	-	8,825	-	-	-	-	-
<b>Germany</b>											
No. of Ships	2	-	-	-	-	-	-	-	2	-	-
Total Tonnage	46,602	-	-	-	-	-	-	-	46,602	-	-
<b>Malta</b>											
No. of Ships	6	-	-	-	-	-	-	-	6	-	-
Total Tonnage	129,048	-	-	-	-	-	-	-	129,048	-	-
<b>Cyprus</b>											
No. of Ships	1	-	-	-	-	1	-	-	-	-	-
Total Tonnage	7,664	-	-	-	-	7,664	-	-	-	-	-
<b>China</b>											
No. of Ships	6	-	-	-	-	-	-	-	-	-	6
Total Tonnage	274,772	-	-	-	-	-	-	-	-	-	274,772
<b>Hong Kong</b>											
No. of Ships	20	-	-	-	-	-	6	-	12	-	2
Total Tonnage	437,542	-	-	-	-	-	81,514	-	264,384	-	91,644
<b>Singapore</b>											
No. of Ships	70	-	-	-	-	-	63	7	-	-	-
Total Tonnage	920,005	-	-	-	-	-	827,399	92,606	-	-	-

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 5. NUMBER OF VESSELS CALLS PER MONTH AND BY TYPE OF VESSEL 1/  
PORT: APIA  
PERIOD: JANUARY - DECEMBER 2017**

PERIOD	TYPE OF VESSEL				
	GENERAL CARGO	CONTAINER	ROLL ON/ROLL OFF	TANKERS	TOTAL
<b>Annually</b>					
2016	42	118	11	28	<b>199</b>
2017	53	154	-	23	<b>230</b>
<b>Six months</b>					
Jan 16 - Jun 16	16	49	11	17	<b>93</b>
Jul 16-Dec 16	26	69	-	11	<b>106</b>
Jan 17-Jun 17	25	76	-	11	<b>112</b>
Jul 17-Dec 17	28	78	-	12	<b>118</b>
<b>Monthly</b>					
<b>2016</b>					
January	-	7	3	2	12
February	4	10	-	4	18
March	2	10	3	3	18
April	3	5	2	2	12
May	4	10	1	2	17
June	3	7	2	4	16
July	4	10	-	1	15
August	5	13	-	3	21
September	4	12	-	1	17
October	4	11	-	1	16
November	5	11	-	3	19
December	4	12	-	2	18
<b>2017</b>					
January	4	14	-	1	19
February	4	10	-	2	16
March	4	13	-	2	19
April	4	13	-	2	19
May	4	13	-	2	19
June	5	13	-	2	20
July	5	11	-	2	18
August	4	14	-	2	20
September	4	13	-	2	19
October	5	13	-	2	20
November	3	13	-	2	18
December	7	14	-	2	23

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**  
**PORT : APIA**  
**PERIOD : JANUARY - DECEMBER 2017**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
<b>TOTAL</b>				
Inward	209	43	143	23
Outward	119	44	75	-
<b>January</b>				
Inward	17	4	12	1
Outward	11	4	7	-
<b>February</b>				
Inward	13	3	8	2
Outward	9	3	6	-
<b>March</b>				
Inward	19	4	13	2
Outward	11	3	8	-
<b>April</b>				
Inward	17	3	12	2
Outward	10	3	7	-
<b>May</b>				
Inward	17	4	11	2
Outward	10	4	6	-
<b>June</b>				
Inward	16	2	12	2
Outward	9	3	6	-
<b>July</b>				
Inward	14	3	9	2
Outward	9	3	6	-
<b>August</b>				
Inward	19	4	13	2
Outward	8	4	4	-
<b>September</b>				
Inward	19	4	13	2
Outward	11	4	7	-
<b>October</b>				
Inward	19	4	13	2
Outward	10	5	5	-
<b>November</b>				
Inward	18	3	13	2
Outward	10	3	7	-
<b>December</b>				
Inward	21	5	14	2
Outward	11	5	6	-

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 7. INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPES OF VESSEL 1/  
PORT : APIA  
PERIOD : JANUARY - DECEMBER 2017**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
<b>Total</b>				
Inward	299,855	438	208,581	90,836
Outward	35,759	2,456	33,303	-
<b>January</b>				
Inward	30965	49	23783	7133
Outward	3141	120	3021	-
<b>February</b>				
Inward	18993	30	11464	7499
Outward	1613	104	1509	-
<b>March</b>				
Inward	29290	208	21509	7573
Outward	4259	126	4133	-
<b>April</b>				
Inward	21446	28	14403	7015
Outward	2238	123	2115	-
<b>May</b>				
Inward	19501	13	12027	7461
Outward	2532	162	2370	-
<b>June</b>				
Inward	25385	9	17075	8301
Outward	2674	111	2563	-
<b>July</b>				
Inward	20627	17	13279	7331
Outward	2233	153	2080	-
<b>August</b>				
Inward	23886	19	16709	7158
Outward	4814	264	4550	-
<b>September</b>				
Inward	23254	19	15840	7395
Outward	4246	1029	3217	-
<b>October</b>				
Inward	24170	16	15863	8291
Outward	2800	97	2703	-
<b>November</b>				
Inward	31023	8	23298	7717
Outward	2571	52	2519	-
<b>December</b>				
Inward	31315	22	23331	7962
Outwards	2638	115	2523	-

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.