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GOVERNMENT OF SAMOA

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## SAMOA BUREAU OF STATISTICS

### **ECONOMICS STATISTICS OF SHIPPING**

*July – December 2013*

1. This report on the Economic Statistics of Shipping for the last six months of 2013 (July - December) is the Forty seven monthly report published by the Samoa Bureau of Statistics. Data 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.
2. From July –December of 2013, a total of one hundred and thirty eight (138) sea going vessels were cleared at the port of Apia. Fifty one (51) vessels were excluded from the tabulation because they do not have the required information. These vessels include Research/ Naval, Yacht, Cruise Ships and Fishing Vessels. The eighty seven (87) international sea going vessels accepted for tabulation consisted of forty two (42) Container Vessels, twelve (12) Mineral Oil Tankers, eleven (11) Roll On/ Roll Off Vessels and twenty two (22) General Cargo Vessels.
3. Fig.1 below indicates the number of vessels by type and their respective percentages.

Fig.1

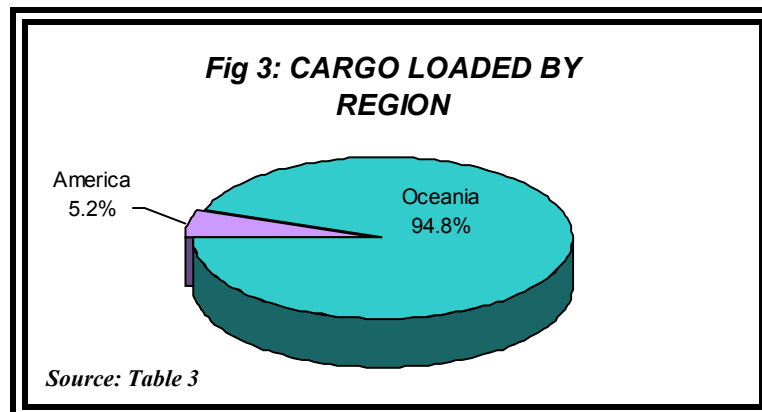
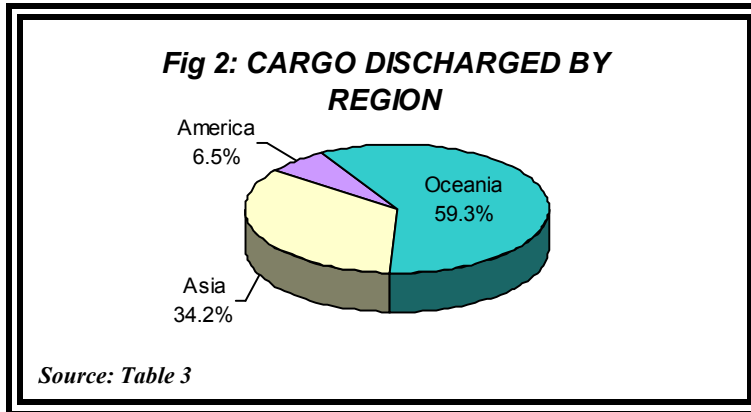
<i>Type of Vessel</i>	<b>Container Vessels</b>	<b>Mineral Oil Tanker</b>	<b>Roll on/ Roll off</b>	<b>General Cargo Vessels</b>	<i>Total</i>
Number of Vessels	42	12	11	22	87
Percentage	48.3	13.8	12.6	25.3	100

Source: Tables 1 and 2.

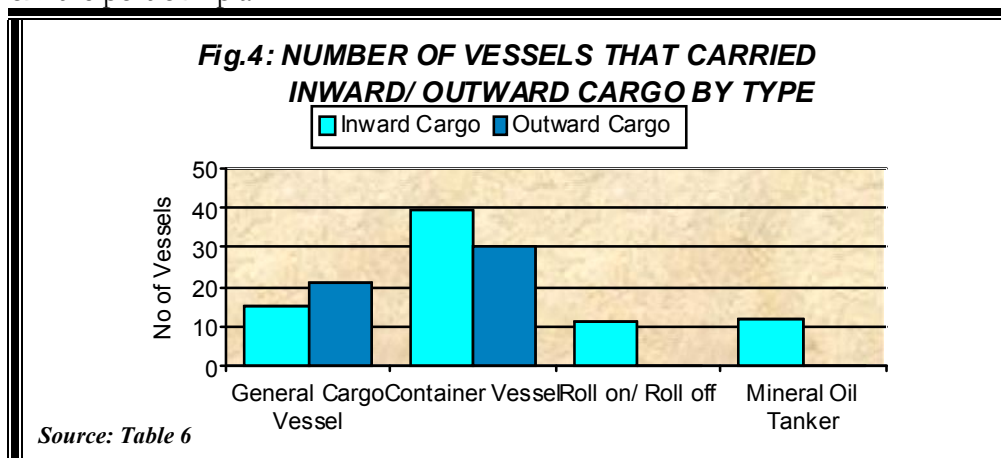
4. The analysis of cargo discharged at the port of Apia indicated that, 77<sup>(a)</sup> vessels discharged a combined total of 119,595 metric tonnes of cargo, of which 59.3 percent from the Oceanic region (mostly from New Zealand), 34.2 percent came from Asia (mostly from Singapore), and 6.5 percent from the American region (all from USA).

(a) : refers to vessels that only had inward cargo

- Fifty one (51) <sup>(b)</sup> vessels loaded a combined total of 22,273 metric tonnes of cargo, of which 94.8 percent were loaded for the Oceanic region (mostly to New Zealand and Tonga) and the remaining 5.2 percent to the American region (all to the USA).
- Figures 2 and 3 portray a graphical comparison of cargo discharged and loaded respectively at the port of Apia by region.

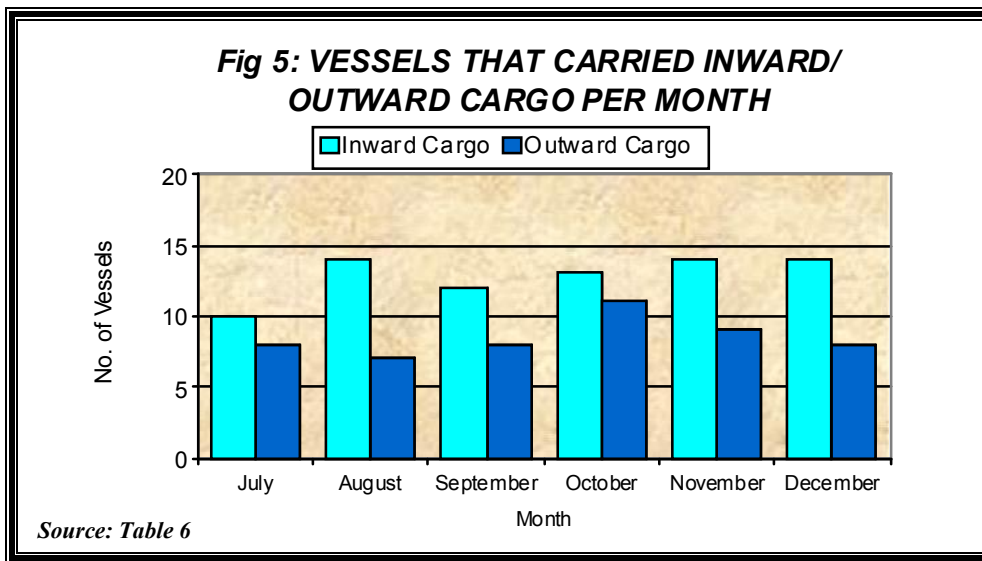


- Of the eighty seven (87) vessels arrived <sup>(c)</sup>, only fifty one (51) vessels returned with outward cargo of which thirty (30) were Container Vessels, twenty one (21) General Cargo Vessels. No Roll on/Roll off vessels and Mineral Oil Tankers returned with any outward cargo from the port of Apia.

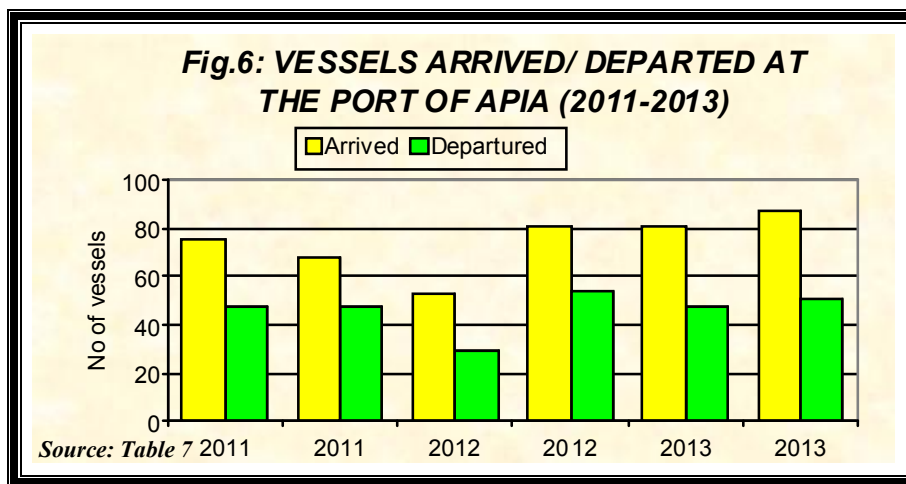


(b): refers to vessels that only had outward cargo

(c): refers to vessels that had the required information

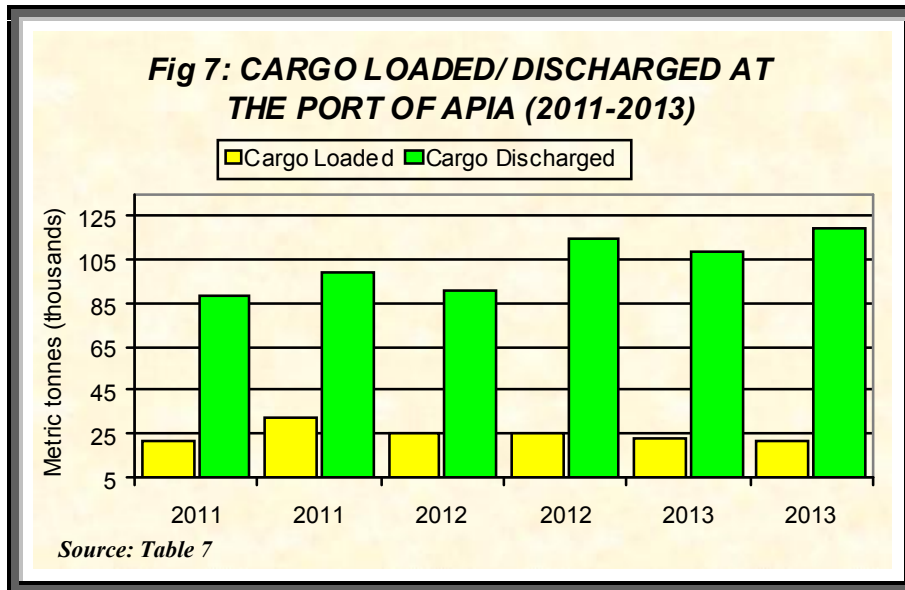


8. Fig 4 and 5 illustrates the graphical analysis of the number of vessels that carried inward/outward cargo by type and month over the reference period.
9. A comparative analysis of six month shipping reports in the last two years (2011-2013) revealed that, the total number of vessels arrived<sup>(d)</sup> ranged from 53 to 87 while vessels departed<sup>(e)</sup> ranged from 29 to 54 and this is depicted in Fig 6. On the other hand, cargo discharged ranged from 88,586 to 119,595 metric tonnes while cargo loaded ranged from 22,016 to 32,777 metric tonnes. This is graphically illustrated in Fig 7.




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(d): refers to vessels that had the required information  
(e): refers to vessels that only had outward cargo



10. 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.

11. I would like to express my sincere gratitude and appreciation to all shipping agents, Stevedores and various government departments for their continuous support and cooperation, without which this report would not have been possible.

Muagututi'a S Reupena  
**GOVERNMENT STATISTICIAN**

**Table 1. ARRIVAL OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/**

**PORT : APIA**

**PERIOD : JULY - DECEMBER 2013**

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Roll on/ Roll off				Mineral Oil Tanker			
	No of	GRT	NRT	DWT	No of	GRT	NRT	DWT	No. of	GRT	NRT	DWT	No. of	GRT	NRT	DWT	No of	GRT	NRT	DWT
	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)	Ship	(000)	(000)	(000)
<b>TOTAL</b>	<b>87</b>	<b>829.5</b>	<b>404.0</b>	<b>1,030.4</b>	<b>22</b>	<b>8.8</b>	<b>2.2</b>	<b>8.8</b>	<b>42</b>	<b>402.8</b>	<b>196.0</b>	<b>494.6</b>	<b>11</b>	<b>192.4</b>	<b>114.4</b>	<b>197.0</b>	<b>12</b>	<b>225.5</b>	<b>91.4</b>	<b>330.0</b>
<b><i>OCEANIA</i></b>	<b>53</b>	<b>383.6</b>	<b>203.6</b>	<b>457.6</b>	<b>22</b>	<b>8.8</b>	<b>2.2</b>	<b>8.8</b>	<b>21</b>	<b>190.7</b>	<b>97.3</b>	<b>242.3</b>	<b>9</b>	<b>156.0</b>	<b>92.4</b>	<b>160.8</b>	<b>1</b>	<b>28.1</b>	<b>11.7</b>	<b>45.7</b>
New Zealand	15	118.7	60.1	154.1	-	-	-	-	15	118.7	60.1	154.1	-	-	-	-	-	-	-	-
Fiji	9	156.0	92.4	160.8	-	-	-	-	-	-	-	-	9	156.0	92.4	160.8	-	-	-	-
New Caledonia	1	28.1	11.7	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	28.1	11.7	45.7
Tahiti	6	72.0	37.2	88.2	-	-	-	-	6	72.0	37.2	88.2	-	-	-	-	-	-	-	-
Samoa	22	8.8	2.2	8.8	22	8.8	2.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-
<b><i>EUROPE</i></b>	<b>7</b>	<b>123.6</b>	<b>52.3</b>	<b>150.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>93.6</b>	<b>40.2</b>	<b>103.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>30.0</b>	<b>12.1</b>	<b>46.8</b>
Cyprus	6	93.6	40.2	103.8	-	-	-	-	6	93.6	40.2	103.8	-	-	-	-	-	-	-	-
Chios	1	30.0	12.1	46.8	-	-	-	-	-	-	-	-	-	-	-	-	1	30.0	12.1	46.8
<b><i>AMERICA</i></b>	<b>16</b>	<b>122.3</b>	<b>59.6</b>	<b>150.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>118.5</b>	<b>58.5</b>	<b>148.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>3.8</b>	<b>1.1</b>	<b>1.7</b>
USA	15	118.5	58.5	148.5	-	-	-	-	15	118.5	58.5	148.5	-	-	-	-	-	-	-	-
Panama	1	3.8	1.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	1	3.8	1.1	1.7
<b><i>ASIA</i></b>	<b>11</b>	<b>200.0</b>	<b>88.5</b>	<b>272.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>36.4</b>	<b>22.0</b>	<b>36.2</b>	<b>9</b>	<b>163.6</b>	<b>66.5</b>	<b>235.8</b>
Japan	2	36.4	22.0	36.2	-	-	-	-	-	-	-	-	2	36.4	22.0	36.2	-	-	-	-
China	3	88.8	37.5	137.4	-	-	-	-	-	-	-	-	-	-	-	-	3	88.8	37.5	137.4
Singapore	5	45.2	16.5	52.7	-	-	-	-	-	-	-	-	-	-	-	-	5	45.2	16.5	52.7
Hong Kong	1	29.6	12.5	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.7

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 : JULY - DECEMBER 2013**

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Roll on/ Roll off				Mineral Oil Tanker			
	No of Ship	GRT (000)	NRT (000)	DWT (000)	No of Ship	GRT (000)	NRT (000)	DWT (000)	No. of Ship	GRT (000)	NRT (000)	DWT (000)	No. of Ship	GRT (000)	NRT (000)	DWT (000)	No of Ship	GRT (000)	NRT (000)	DWT (000)
<b><u>TOTAL</u></b>	<b>87</b>	<b>829.5</b>	<b>404.0</b>	<b>1,030.4</b>	<b>22</b>	<b>8.8</b>	<b>2.2</b>	<b>8.8</b>	<b>42</b>	<b>402.8</b>	<b>196.0</b>	<b>494.6</b>	<b>11</b>	<b>192.4</b>	<b>114.4</b>	<b>197.0</b>	<b>12</b>	<b>225.5</b>	<b>91.4</b>	<b>330.0</b>
<b><u>OCEANIA</u></b>	<b>85</b>	<b>770.3</b>	<b>379.0</b>	<b>938.9</b>	<b>22</b>	<b>8.8</b>	<b>2.2</b>	<b>8.8</b>	<b>42</b>	<b>402.8</b>	<b>196.0</b>	<b>494.6</b>	<b>11</b>	<b>192.4</b>	<b>114.4</b>	<b>197.0</b>	<b>10</b>	<b>166.3</b>	<b>66.4</b>	<b>238.5</b>
Australia	1	29.6	12.5	45.8	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.8
New Zealand	1	3.8	1.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	1	3.8	1.1	1.7
Fiji	16	164.8	77.4	230.1	-	-	-	-	14	105.2	52.8	138.4	-	-	-	-	2	59.6	24.6	91.7
Tahiti	6	93.6	40.2	103.8	-	-	-	-	6	93.6	40.2	103.8	-	-	-	-	-	-	-	-
Waliis	4	15.2	4.4	6.8	-	-	-	-	-	-	-	-	-	-	-	-	4	15.2	4.4	6.8
Guam	1	28.1	11.7	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	28.1	11.7	45.7
Am Samoa	34	426.4	229.5	496.2	-	-	-	-	22	204.0	103.0	252.4	11	192.4	114.4	197.0	1	30.0	12.1	46.8
Tokelau	22	8.8	2.2	8.8	22	8.8	2.2	8.8	-	-	-	-	-	-	-	-	-	-	-	-
<b><u>ASIA</u></b>	<b>2</b>	<b>59.2</b>	<b>25.0</b>	<b>91.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>59.2</b>	<b>25.0</b>	<b>91.5</b>
Singapore	1	29.6	12.5	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.7
Japan	1	29.6	12.5	45.8	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.8

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 :JULY - DECEMBER 2013**

REGION AND PORT OF LOADING/ DISCHARGE	Total		General Cargo Vessel		Container Vessel		Roll On/ Roll Off		Mineral Oil Tanker	
	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
<b>TOTAL</b>	<b>119,595</b>	<b>22,273</b>	<b>141</b>	<b>687</b>	<b>70,131</b>	<b>21,586</b>	<b>10,362</b>	<b>-</b>	<b>38,961</b>	<b>-</b>
<b><u>OCEANIA</u></b>	<b>70,948</b>	<b>21,119</b>	<b>141</b>	<b>687</b>	<b>62,352</b>	<b>20,432</b>	<b>5,242</b>	<b>-</b>	<b>3,213</b>	<b>-</b>
New Zealand	62,762	12,838	-	-	62,352	12,838	-	-	410	-
Fiji	5,019	459	-	-	-	459	2,216	-	2,803	-
Tonga	-	5,248	-	-	-	5,248	-	-	-	-
New Caledonia	3,009	-	-	-	-	-	3,009	-	-	-
Solomon Island	17	-	-	-	-	-	17	-	-	-
Tokelau	141	687	141	687	-	-	-	-	-	-
American Samoa	-	1,887	-	-	-	1,887	-	-	-	-
<b><u>AMERICA</u></b>	<b>7,779</b>	<b>1,154</b>	<b>-</b>	<b>-</b>	<b>7,779</b>	<b>1,154</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
U.S.A	7,779	1,154	-	-	7,779	1,154	-	-	-	-
<b><u>ASIA</u></b>	<b>40,868</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,120</b>	<b>-</b>	<b>35,748</b>	<b>-</b>
Japan	1,183	-	-	-	-	-	1,183	-	-	-
Taiwan	260	-	-	-	-	-	260	-	-	-
Korea	3,587	-	-	-	-	-	3,587	-	-	-
Philippines	44	-	-	-	-	-	44	-	-	-
Singapore	35,748	-	-	-	-	-	-	-	35,748	-
Thailand	46	-	-	-	-	-	46	-	-	-

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 : JULY - DECEMBER 2013**

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>87</b>	<b>22</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>12</b>	<b>23</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>7</b>
<b>Total Tonnage</b>	<b>1,030,883</b>	<b>9,020</b>	<b>-</b>	<b>8,595</b>	<b>-</b>	<b>70,032</b>	<b>304,972</b>	<b>316,687</b>	<b>-</b>	<b>-</b>	<b>321,577</b>
<b>Cyprus</b>											
No. of Ships	6	-	-	-	-	-	-	6	-	-	-
Total Tonnage	103,824	-	-	-	-	-	-	103,824	-	-	-
<b>Liberia</b>											
No. of Ships	11	-	-	-	-	-	9	-	-	-	2
Total Tonnage	204,180	-	-	-	-	-	112,518	-	-	-	91,662
<b>Singapore</b>											
No. of Ships	10	-	-	-	-	-	8	1	-	-	1
Total Tonnage	165,872	-	-	-	-	-	104,464	15,688	-	-	45,720
<b>Creece</b>											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	46,792	-	-	-	-	-	-	-	-	-	46,792
<b>China</b>											
No. of Ships	3	-	-	-	-	-	-	-	-	-	3
Total Tonnage	137,403	-	-	-	-	-	-	-	-	-	137,403
<b>Panama</b>											
No. of Ships	16	-	-	5	-	-	-	11	-	-	-
Total Tonnage	205,770	-	-	8,595	-	-	-	197,175	-	-	-
<b>USA</b>											
No. of Ships	6	-	-	-	-	-	6	-	-	-	-
Total Tonnage	87,990	-	-	-	-	-	87,990	-	-	-	-
<b>Hawaii</b>											
No. of Ships	6	-	-	-	-	6	-	-	-	-	-
Total Tonnage	36,180	-	-	-	-	36,180	-	-	-	-	-
<b>Cook Island</b>											
No. of Ships	28	22	-	-	-	6	-	-	-	-	-
Total Tonnage	42,872	9,020	-	-	-	33,852	-	-	-	-	-

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 BY TYPE OF VESSEL 1/****PORT : APIA****PERIOD : JULY - DECEMBER 2013**

Type of Vessels	Total	Jul	Aug	Sept	Oct	Nov	Dec
<b>Total</b>	<b>87</b>	<b>13</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>14</b>
General Cargo Vessel	22	3	3	3	6	4	3
Container Vessel	42	6	8	7	7	7	7
Roll On/Roll off	11	3	1	2	1	2	2
Mineral Oil Tanker	12	1	3	2	1	3	2

*Source : Samoa Ports Authority, Shipping Agents**1/ : Provisional Figures***Table 6. NUMBER OF VESSELS THAT CARRIED INWARD/OUTWARD CARGO PER MONTH 1/****PORT : APIA****PERIOD : JULY - DECEMBER 2013**

Number of Calls	Type of Vessel				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
<b>Total</b>					
<b>Inward</b>	<b>77</b>	<b>15</b>	<b>39</b>	<b>11</b>	<b>12</b>
<b>Outward</b>	<b>51</b>	<b>21</b>	<b>30</b>	<b>-</b>	<b>-</b>
<b>July</b>					
Inward	10	-	6	3	1
Outward	8	3	5	-	-
<b>August</b>					
Inward	14	2	8	1	3
Outward	7	2	5	-	-
<b>September</b>					
Inward	12	2	6	2	2
Outward	8	3	5	-	-
<b>October</b>					
Inward	13	5	6	1	1
Outward	11	6	5	-	-
<b>November</b>					
Inward	14	3	6	2	3
Outward	9	4	5	-	-
<b>December</b>					
Inward	14	3	7	2	2
Outward	8	3	5	-	-

*Source: Samoa Shipping Authority, Shipping Agents**1/: Provisional Figures**Note: A vessel may call in more than once and its subsequent calls are counted as separate vessels.**Vessels arrived/departured refers only to vessels that had cargo discharged/loaded.*

**Table 7. INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPES OF VESSEL 1/**

**PORT : APIA**

**PERIOD : JULY - DECEMBER 2013**

Number of Calls	<u>Type of Vessel</u>				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
<b>Total</b>					
Inward	119,595	141	70,131	10,362	38,961
Outward	22,273	687	21,586	-	-
<b>July</b>					
Inward	22,354	6	12,498	3,549	6,301
Outward	3,946	77	3,869	-	-
<b>August</b>					
Inward	19,096	8	9,121	550	9,417
Outward	3,123	77	3,046	-	-
<b>September</b>					
Inward	21,282	20	12,735	2,106	6,421
Outward	3,605	84	3,521	-	-
<b>October</b>					
Inward	12,857	69	12,431	262	95
Outward	3,573	209	3,364	-	-
<b>November</b>					
Inward	24,545	24	11,387	1,856	11,278
Outward	3,520	131	3,389	-	-
<b>December</b>					
Inward	19,461	14	11,959	2,039	5,449
Outward	4,506	109	4,397	-	-

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.