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GOVERNMENT OF SAMOA

## SAMOA BUREAU OF STATISTICS

# ECONOMIC STATISTICS OF SHIPPING

January - December 2013

1. This is the Thirty third Annual Report on the Economic Statistics of Shipping published by the Samoa Bureau of Statistics since the implementation in March 1979 of the Uniform System (L2 Scheme) to collect, compile and analyze shipping statistics for the port of Apia.
2. 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.
3. Within the reference period, a total of two hundred and sixty seven (267) sea going vessels were cleared at the port of Apia. Ninety nine (99) 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.
4. The one hundred and sixty eight (168) international sea going vessels accepted for tabulation consisted of 81 Container Vessels (48.2% of total), 45 General Cargo Vessels (26.8% of total), 22 Mineral Oil Tankers (13.1% of total) and 20 Roll On/ Roll Off Vessels (11.9% of total). This is illustrated in Fig. 1 below.

Fig 1

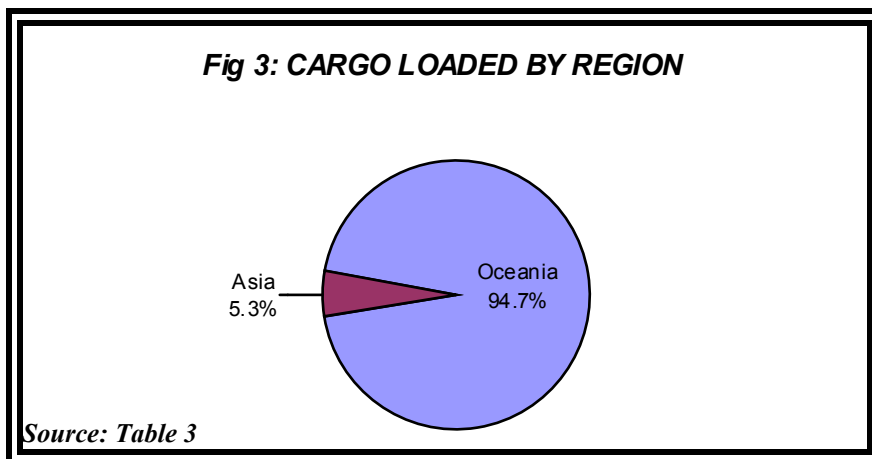
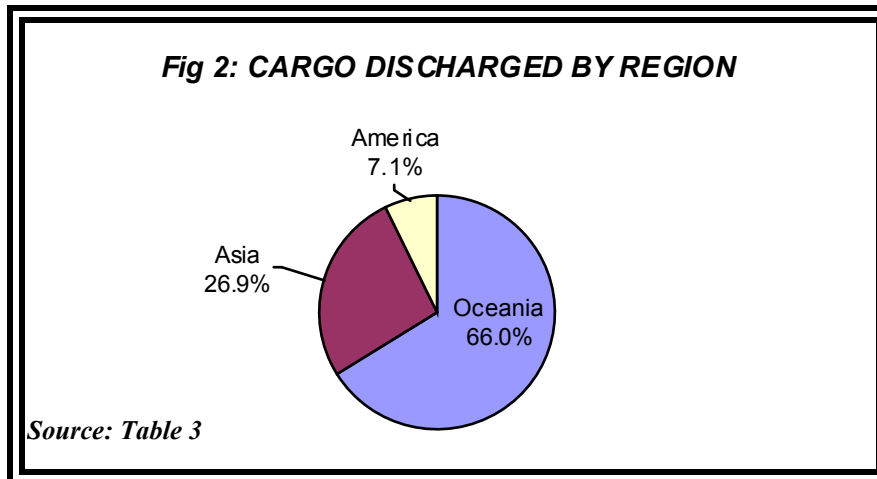
Type of Vessel	Container Vessels	General Cargo Vessels	Mineral Oil Tanker	Roll On/ Roll Off	Total
Number of Vessels	81	45	22	20	168
Percentage	48.2	26.8	13.1	11.9	100

Source: Tables 1 and 2.

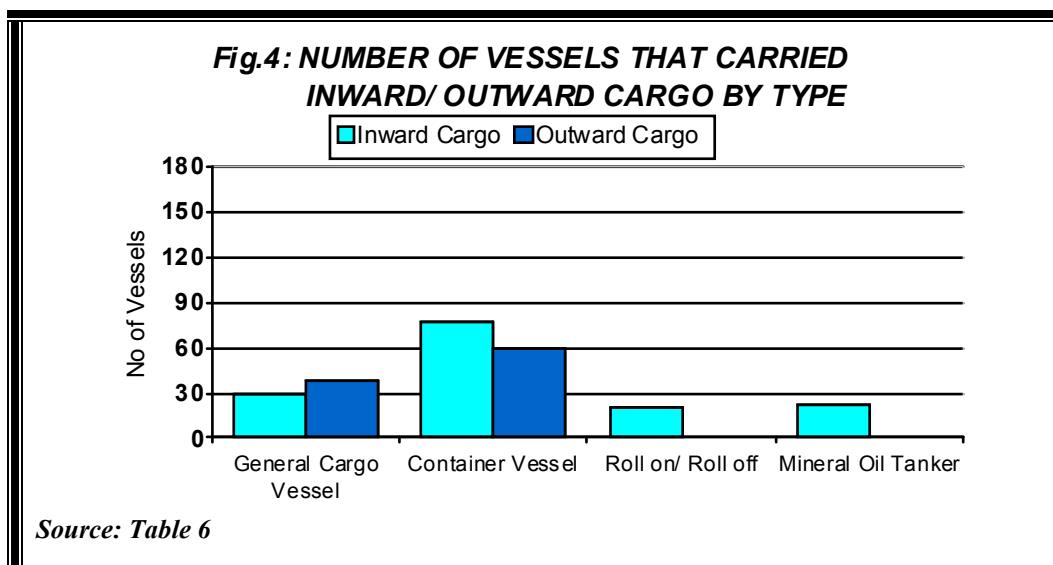
5. The analysis of cargo discharged at the port of Apia indicated that, 149<sup>(a)</sup> vessels discharged a combined total of 228,687 metric tonnes of cargo, of which 66.0 percent came from the Oceanic region (mostly from New Zealand), 26.9 percent from Asia (mostly from Singapore), and 7.1 percent from the American region (all from USA).
6. By contrast, only ninety nine (99)<sup>(b)</sup> vessels loaded a combined total of 45,141 metric tonnes of cargo, of which 94.7 percent were loaded for the Oceanic region (mostly to New Zealand and Tonga), and 5.3 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, within the reference period.

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

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

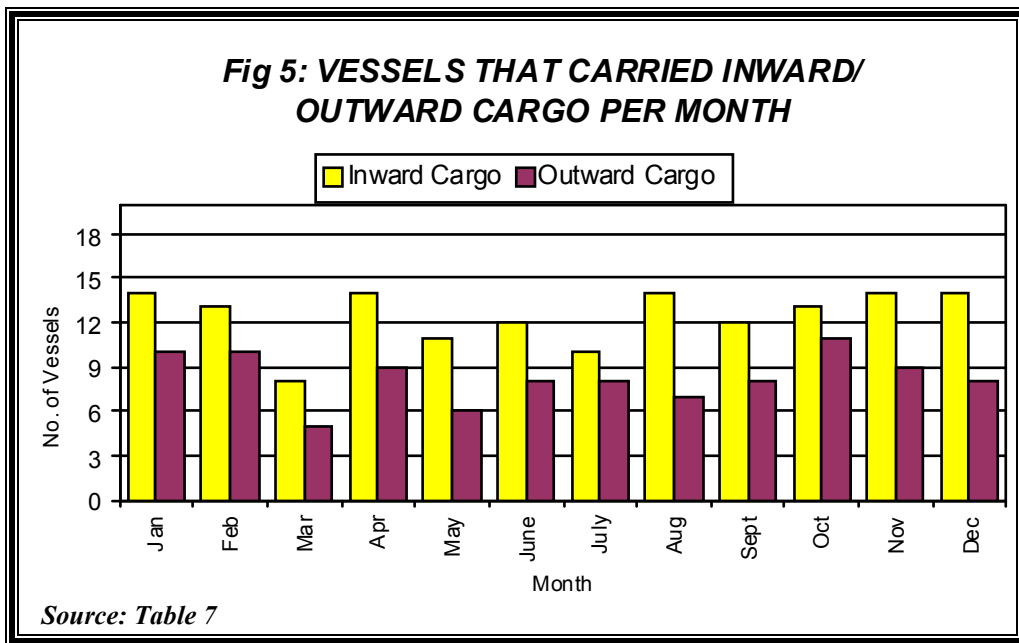


7. Of the one hundred and sixty eight (168)<sup>(c)</sup> vessels arrived, only ninety nine (99) vessels returned with outward cargo of which sixty (60) were Container Vessels, thirty nine (39) General Cargo Vessels. No Roll on/ Roll off vessels and Mineral Oil Tankers returned with any outward cargo. Fig. 4 depicts a clear comparison of vessels that carried inward and outward cargo for the year 2013.

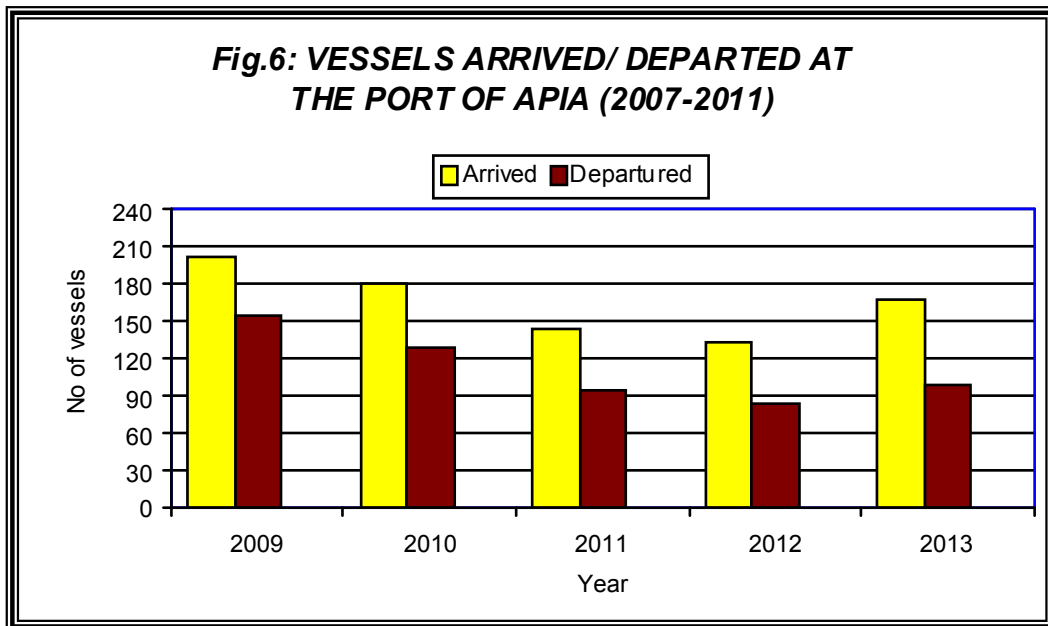


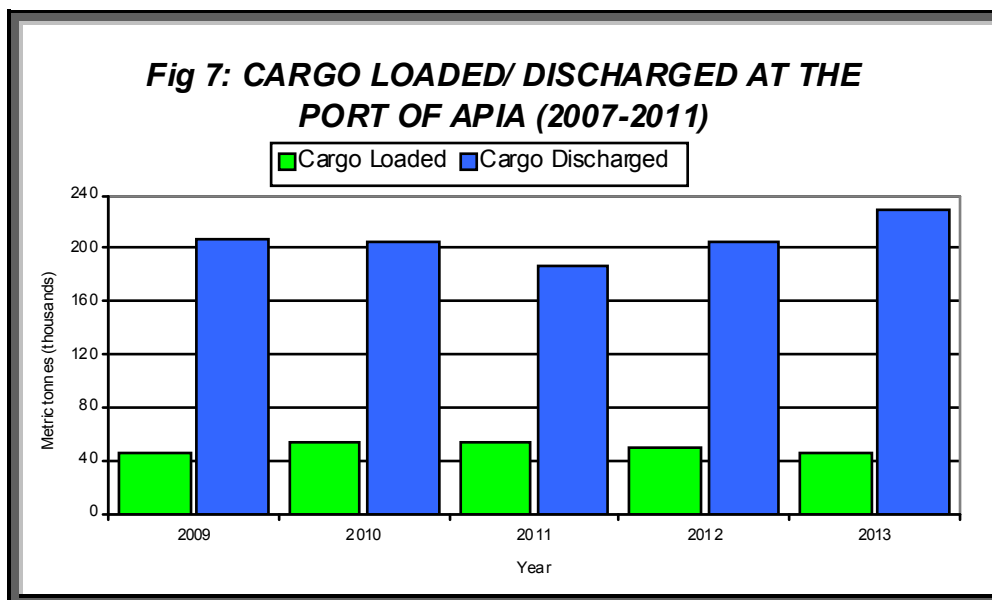
<sup>(c)</sup>: refers to vessels that had the required information

8. The number of vessels that carried inward cargo in each month of 2013 ranged from 8-14, while vessels that loaded outward cargo ranged from 5-11. This is graphically illustrated in Fig. 5.



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





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. A special word of thank you also goes to the SPA (Samoa Ports Authority) for their never-ending support in the provision of the necessary information's required for the compilation of this report. Any suggestions or comments that will assist in improving this report are mostly welcome.

Muagututi'a S Reupena  
GOVERNMENT STATISTICIAN

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

**PORT : APIA**

**PERIOD : JANUARY - DECEMBER 2013**

Country of Origin	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>TOTAL</b>	<b>168</b>	<b>1,594.1</b>	<b>783.0</b>	<b>1,927.7</b>	<b>45</b>	<b>18.4</b>	<b>4.7</b>	<b>18.0</b>	<b>81</b>	<b>804.7</b>	<b>396.9</b>	<b>970.2</b>	<b>20</b>	<b>351.7</b>	<b>210.1</b>	<b>358.4</b>	<b>22</b>	<b>419.3</b>	<b>171.3</b>	<b>581.1</b>
<b><u>OCEANIA</u></b>	<b>104</b>	<b>737.8</b>	<b>391.5</b>	<b>866.2</b>	<b>45</b>	<b>18.4</b>	<b>4.7</b>	<b>18.0</b>	<b>44</b>	<b>448.4</b>	<b>231.0</b>	<b>552.4</b>	<b>14</b>	<b>242.9</b>	<b>144.1</b>	<b>250.1</b>	<b>1</b>	<b>28.1</b>	<b>11.7</b>	<b>45.7</b>
New Zealand	32	304.4	156.6	376.0	-	-	-	-	32	304.4	156.6	376.0	-	-	-	-	-	-	-	-
Fiji	14	242.9	144.1	250.1	-	-	-	-	-	-	-	-	14	242.9	144.1	250.1	-	-	-	-
New Caledonia	1	28.1	11.7	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	28.1	11.7	45.7
Tonga	2	1.2	0.4	0.8	2	1.2	0.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Tahiti	12	144.0	74.4	176.4	-	-	-	-	12	144.0	74.4	176.4	-	-	-	-	-	-	-	-
Samoa	43	17.2	4.3	17.2	43	17.2	4.3	17.2	-	-	-	-	-	-	-	-	-	-	-	-
<b><u>AMERICA</u></b>	<b>31</b>	<b>204.7</b>	<b>98.3</b>	<b>242.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>26</b>	<b>184.7</b>	<b>92.2</b>	<b>227.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>20.0</b>	<b>6.1</b>	<b>15.1</b>
USA	26	184.7	92.2	227.5	-	-	-	-	26	184.7	92.2	227.5	-	-	-	-	-	-	-	-
Panama	5	20.0	6.1	15.1	-	-	-	-	-	-	-	-	-	-	-	-	5	20.0	6.1	15.1
<b><u>ASIA</u></b>	<b>20</b>	<b>420.0</b>	<b>195.3</b>	<b>577.1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>108.8</b>	<b>66.0</b>	<b>108.3</b>	<b>14</b>	<b>311.2</b>	<b>129.3</b>	<b>468.8</b>
Singapore	9	163.2	66.8	239.9	-	-	-	-	-	-	-	-	-	-	-	-	9	163.2	66.8	239.9
Hong Kong	1	29.6	12.5	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.7
China	4	118.4	50.0	183.2	-	-	-	-	-	-	-	-	-	-	-	-	4	118.4	50.0	183.2
Japan	6	108.8	66.0	108.3	-	-	-	-	-	-	-	-	6	108.8	66.0	108.3	-	-	-	-
<b><u>EUROPE</u></b>	<b>13</b>	<b>231.6</b>	<b>97.9</b>	<b>241.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11</b>	<b>171.6</b>	<b>73.7</b>	<b>190.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>60.0</b>	<b>24.2</b>	<b>51.5</b>
Cyprus	11	171.6	73.7	190.3	-	-	-	-	11	171.6	73.7	190.3	-	-	-	-	-	-	-	-
Greece	2	60.0	24.2	51.5	-	-	-	-	-	-	-	-	-	-	-	-	2	60.0	24.2	51.5

Source : Samoa Bureau of Statistics, 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 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>TOTAL</b>	<b>168</b>	<b>1,594.1</b>	<b>783.0</b>	<b>1,927.7</b>	<b>45</b>	<b>18.4</b>	<b>4.7</b>	<b>18.0</b>	<b>81</b>	<b>804.7</b>	<b>396.9</b>	<b>970.2</b>	<b>20</b>	<b>351.7</b>	<b>210.1</b>	<b>358.4</b>	<b>22</b>	<b>419.3</b>	<b>171.3</b>	<b>581.1</b>
<b><i>OCEANIA</i></b>	<b>166</b>	<b>1,534.9</b>	<b>758.0</b>	<b>1,836.2</b>	<b>45</b>	<b>18.4</b>	<b>4.7</b>	<b>18.0</b>	<b>81</b>	<b>804.7</b>	<b>396.9</b>	<b>970.2</b>	<b>20</b>	<b>351.7</b>	<b>210.1</b>	<b>358.4</b>	<b>20</b>	<b>360.1</b>	<b>146.3</b>	<b>489.6</b>
Australia	1	29.6	12.5	45.8	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.8
New Zeland	6	20.6	9.6	20.5	2	1.2	0.4	0.8	3	15.6	8.1	18.0	-	-	-	-	1	3.8	1.1	1.7
Fiji	20	282.8	127.7	417.3	-	-	-	-	14	105.2	52.8	138.4	-	-	-	-	6	177.6	74.9	278.9
Tahiti	11	171.6	73.7	190.3	-	-	-	-	11	171.6	73.7	190.3	-	-	-	-	-	-	-	-
Wallis	6	22.8	6.6	10.2	-	-	-	-	-	-	-	-	-	-	-	-	6	22.8	6.6	10.2
Guam	1	28.1	11.7	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	28.1	11.7	45.7
Tonga	6	37.2	16.2	49.2	-	-	-	-	6	37.2	16.2	49.2	-	-	-	-	-	-	-	-
Am Samoa	72	925.0	495.7	1040.0	-	-	-	-	47	475.1	246.1	574.3	20	351.7	210.1	358.4	5	98.2	39.5	107.3
Tokelau	43	17.2	4.3	17.2	43	17.2	4.3	17.2	-	-	-	-	-	-	-	-	-	-	-	-
<b><i>ASIA</i></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 Bureau of Statistics, 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 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>228,687</b>	<b>45,141</b>	<b>275</b>	<b>1,264</b>	<b>139,267</b>	<b>43,877</b>	<b>16,754</b>	<b>-</b>	<b>72,391</b>	<b>-</b>
<b><u>OCEANIA</u></b>	<b>150,909</b>	<b>42,742</b>	<b>275</b>	<b>1,264</b>	<b>122,927</b>	<b>41,478</b>	<b>7,740</b>	<b>-</b>	<b>19,967</b>	<b>-</b>
New Zealand	122,384	26,436	-	-	121,594	26,436	-	-	790	-
Fiji	12,259	1,834	-	-	1,030	1,834	3,377	-	7,852	-
New Caledonia	4,328	-	-	-	-	-	4,328	-	-	-
Tonga	69	10,220	69	-	-	10,220	-	-	-	-
Solomon Island	11,342	-	-	-	-	-	17	-	11,325	-
Vanuatu	18	-	-	-	-	-	18	-	-	-
Tahiti	39	-	-	-	39	-	-	-	-	-
Am Samoa	264	2,988	-	-	264	2,988	-	-	-	-
Tokelau	206	1,264	206	1,264	-	-	-	-	-	-
<b><u>ASIA</u></b>	<b>61,451</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>9,014</b>	<b>-</b>	<b>52,424</b>	<b>-</b>
Japan	2,061	-	-	-	-	-	2,061	-	-	-
Taiwan	522	-	-	-	-	-	522	-	-	-
Korea	6,243	-	-	-	-	-	6,243	-	-	-
Phillipines	67	-	-	-	-	-	67	-	-	-
Thailand	121	-	-	-	-	-	121	-	-	-
Singapore	52,437	-	-	-	13	-	-	-	52,424	-
<b><u>AMERICA</u></b>	<b>16,327</b>	<b>2,399</b>	<b>-</b>	<b>-</b>	<b>16,327</b>	<b>2,399</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
U.S.A	16,327	2,399	-	-	16,327	2,399	-	-	-	-

Source : Samoa Bureau of Statistics, 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 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>168</b>	<b>43</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>29</b>	<b>31</b>	<b>43</b>	<b>-</b>	<b>-</b>	<b>12</b>
<b>Total Tonnage</b>	<b>1,928,627</b>	<b>17,630</b>	<b>896</b>	<b>12,033</b>	<b>4,679</b>	<b>183,349</b>	<b>417,966</b>	<b>737,349</b>	<b>-</b>	<b>-</b>	<b>554,725</b>
<b>Cyprus</b>											
No. of Ships	11	-	-	-	-	-	-	11	-	-	-
Total Tonnage	190,344	-	-	-	-	-	-	190,344	-	-	-
<b>Liberia</b>											
No. of Ships	14	-	-	-	-	-	11	-	-	-	3
Total Tonnage	275,183	-	-	-	-	-	137,522	-	-	-	137,661
<b>Singapore</b>											
No. of Ships	27	-	-	-	-	6	8	12	-	-	1
Total Tonnage	387,424	-	-	-	-	48,984	104,464	188,256	-	-	45,720
<b>Greece</b>											
No. of Ships	2	-	-	-	1	-	-	-	-	-	1
Total Tonnage	51,471	-	-	-	4,679	-	-	-	-	-	46,792
<b>China</b>											
No. of Ships	6	-	-	-	-	-	-	-	-	-	6
Total Tonnage	276,013	-	-	-	-	-	-	-	-	-	276,013
<b>Panama</b>											
No. of Ships	30	-	-	7	-	2	-	20	-	-	1
Total Tonnage	429,387	-	-	12,033	-	10,066	-	358,749	-	-	48,539
<b>USA</b>											
No. of Ships	12	-	-	-	-	-	12	-	-	-	-
Total Tonnage	175,980	-	-	-	-	-	175,980	-	-	-	-
<b>Hawaii</b>											
No. of Ships	12	-	-	-	-	12	-	-	-	-	-
Total Tonnage	72,360	-	-	-	-	72,360	-	-	-	-	-
<b>New Zealand</b>											
No. of Ships	3	-	-	-	-	3	-	-	-	-	-
Total Tonnage	18,087	-	-	-	-	18,087	-	-	-	-	-
<b>Nukualofa</b>											
No. of Ships	2	-	2	-	-	-	-	-	-	-	-
Total Tonnage	896	-	896	-	-	-	-	-	-	-	-
<b>Cook Island</b>											
No. of Ships	49	43	-	-	-	6	-	-	-	-	-
Total Tonnage	51,482	17,630	-	-	-	33,852	-	-	-	-	-

Source: Samoa Bureau of Statistics, 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 2013**

Type of Vessel	General Cargo Vessel	Container Vessel	Roll On/ Roll Off	Mineral Oil Tanker	TOTAL
<b><i>TOTAL</i></b>	<b><i>45</i></b>	<b><i>81</i></b>	<b><i>20</i></b>	<b><i>22</i></b>	<b><i>168</i></b>
January	3	7	2	2	14
February	6	7	1	2	16
March	3	4	1	2	10
April	3	9	2	1	15
May	4	5	2	2	13
June	4	7	1	1	13
July	3	6	3	1	13
August	3	8	1	3	15
September	3	7	2	2	14
October	6	7	1	1	15
November	4	7	2	3	16
December	3	7	2	2	14

*Source: Samoa Bureau of Statistics, 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 - DECEMBER 2013**

Number of Calls	Type of Vessel				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
<b>TOTAL</b>					
<i>Inward</i>	149	30	77	20	22
<i>Outward</i>	99	39	60	-	-
<b>January</b>					
Inward	14	3	7	2	2
Outward	10	3	7	-	-
<b>February</b>					
Inward	13	3	7	1	2
Outward	10	5	5	-	-
<b>March</b>					
Inward	8	1	4	1	2
Outward	5	2	3	-	-
<b>April</b>					
Inward	14	2	9	2	1
Outward	9	2	7	-	-
<b>May</b>					
Inward	11	2	5	2	2
Outward	6	2	4	-	-
<b>June</b>					
Inward	12	4	6	1	1
Outward	8	4	4	-	-
<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 Bureau of Statistics, 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.

: Nineteen vessels that had no inward cargo were excluded

**Table 7. INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPES OF VESSEL 1/  
PORT : APIA  
PERIOD : JANUARY - 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	228,687	275	139,267	16,754	72,391
Outward	45,141	1,264	43,877	-	-
<b>January</b>					
Inward	26,982	18	12,674	1,476	12,814
Outward	4,515	83	4,432	-	-
<b>February</b>					
Inward	22,133	74	15,351	880	5,828
Outward	5,317	123	5,194	-	-
<b>March</b>					
Inward	12,232	4	5,530	1,011	5,687
Outward	2,888	44	2,844	-	-
<b>April</b>					
Inward	26,259	8	21,303	1,086	3,862
Outward	4,773	76	4,697	-	-
<b>May</b>					
Inward	14,701	6	8,211	1,335	5,149
Outward	2,563	77	2,486	-	-
<b>June</b>					
Inward	6,785	24	6,067	604	90
Outward	2,812	174	2,638	-	-
<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
Outwards	4,506	109	4,397	-	-

Source: Samoa Bureau of Statistics, 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.