

# **ECONOMICS STATISTICS OF SHIPPING**

*January – June 2013*

1. This report on the Economic Statistics of Shipping for the first six months of 2013 (January - June) is the Forty six 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 January –June of 2013, a total of one hundred and twenty nine (129) sea going vessels were cleared at the port of Apia. Forty eight (48) 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 one (81) international sea going vessels accepted for tabulation consisted of thirty nine (39) Container Vessels, ten (10) Mineral Oil Tankers, nine (9) Roll On/ Roll Off Vessels and twenty three (23) 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>
<b>Number of Vessels</b>	39	10	9	23	81
<b>Percentage</b>	48.1	12.4	11.1	28.4	100

*Source: Tables 1 and 2.*

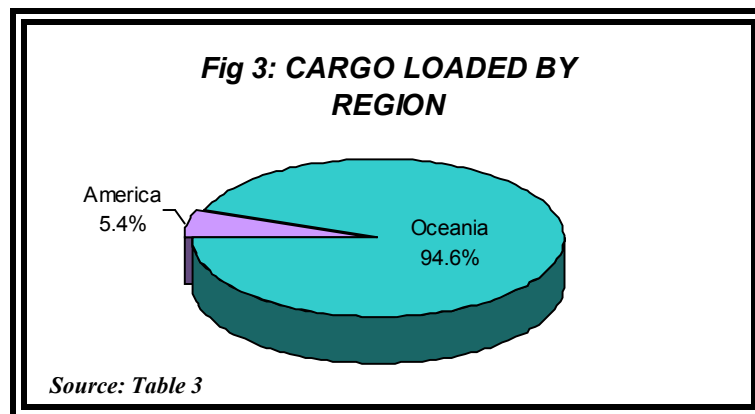
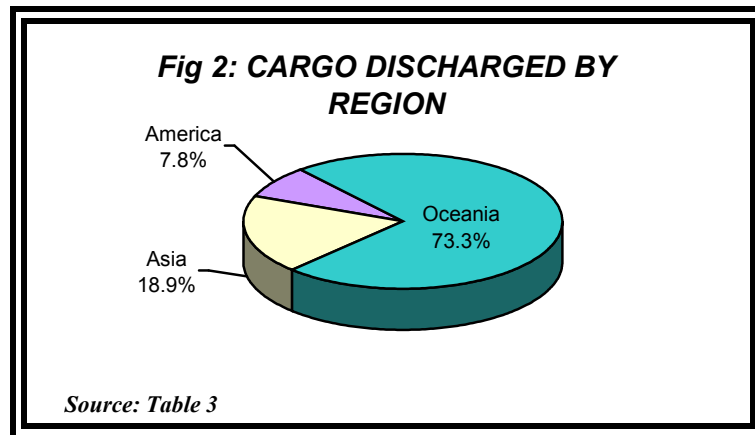
4. The analysis of cargo discharged at the port of Apia indicated that, 72<sup>(a)</sup> vessels discharged a combined total of 109,092 metric tonnes of cargo, of which 73.3 percent from the Oceanic region (mostly from New Zealand and Solomon Island), 18.9 percent came from Asia (mostly from Singapore), and 7.8 percent from the American region (all from USA).
5. Forty eight (48)<sup>(b)</sup> vessels loaded a combined total of 22,868 metric tonnes of cargo, of which 94.6 percent were loaded for the Oceanic region (mostly to New Zealand and Tonga) and the remaining 5.4 percent to the American region (all to the USA).

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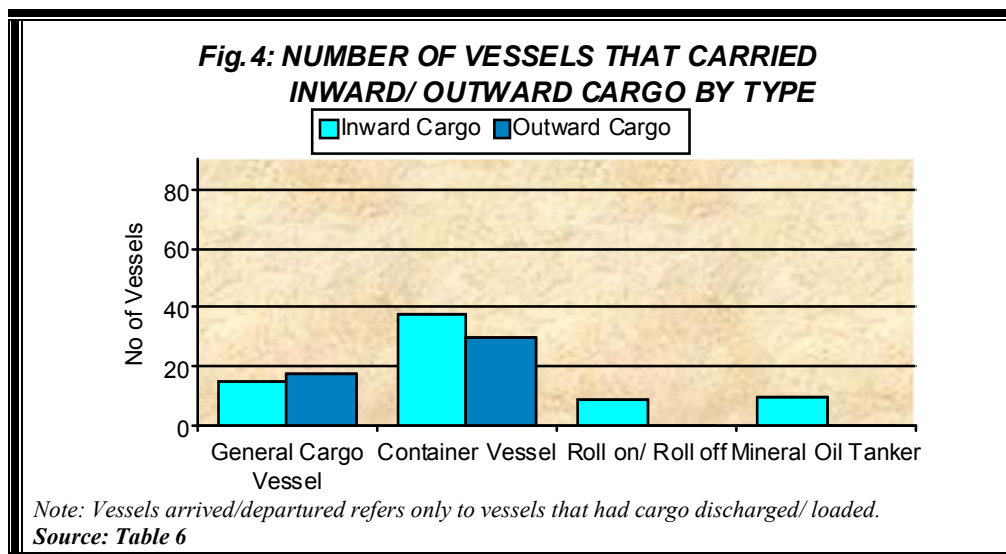
(a) : refers to vessels that only had inward cargo

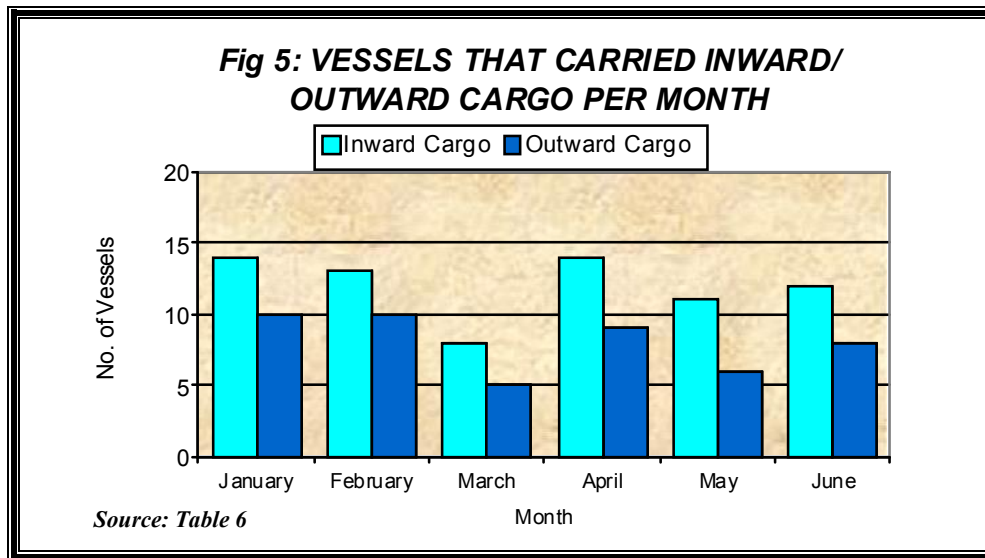
(b) : refers to vessels that only had outward cargo

6. Figures 2 and 3 portray a graphical comparison of cargo discharged and loaded respectively at the port of Apia by region.

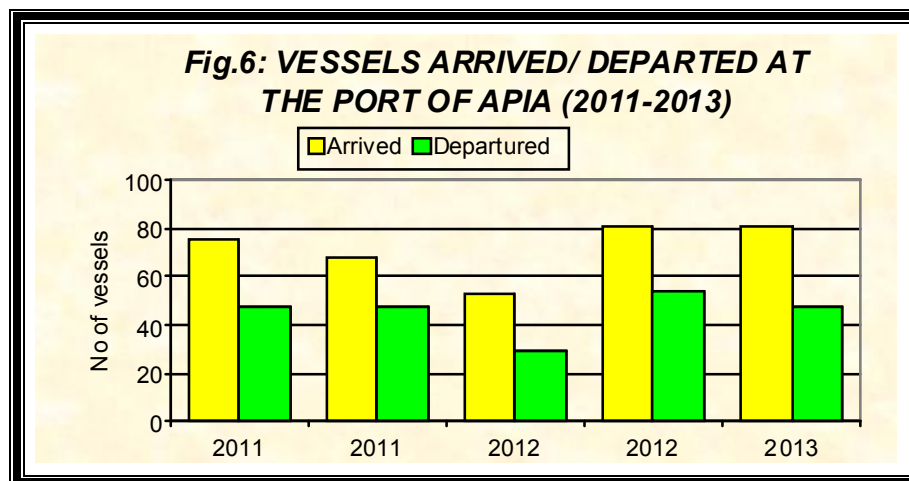


7. Of the seventy two (72) vessels that brought inward cargo, only forty eight (48) vessels returned with outward cargo of which thirty (30) were Container Vessels, eighteen(18) General Cargo Vessels. No Roll on/Roll off vessels and Mineral Oil Tankers returned with any outward cargo from the port of Apia.



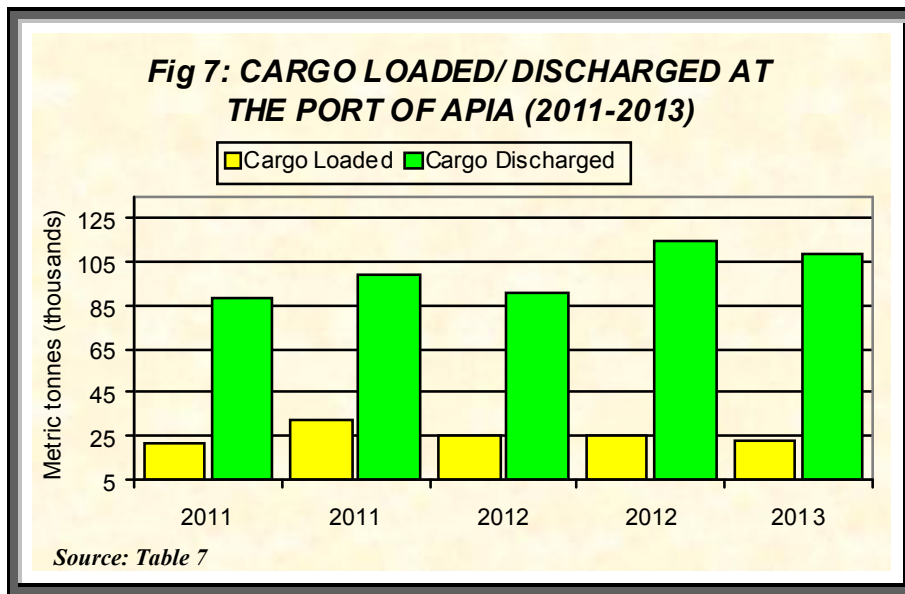


8. Fig 4 and 5 illustrates the graphical analysis of the number of vessels that carried inward/ outward cargo by type and month over the reference period.
9. A comparative analysis of six month shipping reports in the last two years (2011-2013) revealed that, the total number of vessels arrived <sup>(c)</sup> ranged from 53 to 81 while vessels departed <sup>(d)</sup> ranged from 29 to 54 and this is depicted in Fig 6. On the other hand, cargo discharged ranged from 88,586 to 114,710 metric tonnes while cargo loaded ranged from 22,016 to 32,777 metric tonnes. This is graphically illustrated in Fig 7.



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

(d) : 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.

*PLT*

Tapua'i Laupu'a Fiti  
**Acting Government Statistician**

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

PORT : APIA

PERIOD : JANUARY - JUNE 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>81</b>	<b>764.6</b>	<b>379.0</b>	<b>897.3</b>	<b>23</b>	<b>9.6</b>	<b>2.5</b>	<b>9.2</b>	<b>39</b>	<b>401.9</b>	<b>200.9</b>	<b>475.6</b>	<b>9</b>	<b>159.3</b>	<b>95.7</b>	<b>161.4</b>	<b>10</b>	<b>193.8</b>	<b>79.9</b>	<b>251.1</b>
<b>OCEANIA</b>	<b>51</b>	<b>354.2</b>	<b>187.9</b>	<b>408.6</b>	<b>23</b>	<b>9.6</b>	<b>2.5</b>	<b>9.2</b>	<b>23</b>	<b>257.7</b>	<b>133.7</b>	<b>310.1</b>	<b>5</b>	<b>86.9</b>	<b>51.7</b>	<b>89.3</b>	-	-	-	-
New Zealand	17	185.7	96.5	221.9	-	-	-	-	17	185.7	96.5	221.9	-	-	-	-	-	-	-	-
Fiji	5	86.9	51.7	89.3	-	-	-	-	-	-	-	-	5	86.9	51.7	89.3	-	-	-	-
Tonga	2	1.2	0.4	0.8	2	1.2	0.4	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Tahiti	6	72.0	37.2	88.2	-	-	-	-	6	72.0	37.2	88.2	-	-	-	-	-	-	-	-
Samoa	21	8.4	2.1	8.4	21	8.4	2.1	8.4	-	-	-	-	-	-	-	-	-	-	-	-
<b>EUROPE</b>	<b>6</b>	<b>108.0</b>	<b>45.6</b>	<b>91.2</b>	-	-	-	-	<b>5</b>	<b>78.0</b>	<b>33.5</b>	<b>86.5</b>	-	-	-	-	<b>1</b>	<b>30.0</b>	<b>12.1</b>	<b>4.7</b>
Cyprus	5	78.0	33.5	86.5	-	-	-	-	5	78.0	33.5	86.5	-	-	-	-	-	-	-	-
Chios	1	30.0	12.1	4.7	-	-	-	-	-	-	-	-	-	-	-	-	1	30.0	12.1	4.7
<b>AMERICA</b>	<b>15</b>	<b>82.4</b>	<b>38.7</b>	<b>92.4</b>	-	-	-	-	<b>11</b>	<b>66.2</b>	<b>33.7</b>	<b>79.0</b>	-	-	-	-	<b>4</b>	<b>16.2</b>	<b>5.0</b>	<b>13.4</b>
USA	11	66.2	33.7	79.0	-	-	-	-	11	66.2	33.7	79.0	-	-	-	-	-	-	-	-
Panama	4	16.2	5.0	13.4	-	-	-	-	-	-	-	-	-	-	-	-	4	16.2	5.0	13.4
<b>ASIA</b>	<b>9</b>	<b>220.0</b>	<b>106.8</b>	<b>305.1</b>	-	-	-	-	-	-	-	-	<b>4</b>	<b>72.4</b>	<b>44.0</b>	<b>72.1</b>	<b>5</b>	<b>147.6</b>	<b>62.8</b>	<b>233.0</b>
Japan	4	72.4	44.0	72.1	-	-	-	-	-	-	-	-	4	72.4	44.0	72.1	-	-	-	-
China	1	29.6	12.5	45.8	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.8
Singapore	4	118.0	50.3	187.2	-	-	-	-	-	-	-	-	-	-	-	-	4	118.0	50.3	187.2

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 - JUNE 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><i>TOTAL</i></b>	<b>81</b>	<b>764.6</b>	<b>379.0</b>	<b>897.3</b>	<b>23</b>	<b>9.6</b>	<b>2.5</b>	<b>9.2</b>	<b>39</b>	<b>401.9</b>	<b>200.9</b>	<b>475.6</b>	<b>9</b>	<b>159.3</b>	<b>95.7</b>	<b>161.4</b>	<b>10</b>	<b>193.8</b>	<b>79.9</b>	<b>251.1</b>
<b><i>OCEANIA</i></b>	<b>81</b>	<b>764.6</b>	<b>379.0</b>	<b>897.3</b>	<b>23.0</b>	<b>9.6</b>	<b>2.5</b>	<b>9.2</b>	<b>39</b>	<b>401.9</b>	<b>200.9</b>	<b>475.6</b>	<b>9</b>	<b>159.3</b>	<b>95.7</b>	<b>161.4</b>	<b>10</b>	<b>193.8</b>	<b>79.9</b>	<b>251.1</b>
New Zealand	5	16.8	8.5	18.8	2	1.2	0.4	0.8	3	15.6	8.1	18.0	-	-	-	-	-	-	-	-
Fiji	4	118.0	50.3	187.2	-	-	-	-	-	-	-	-	-	-	-	-	4	118.0	50.3	187.2
Tonga	6	37.2	16.2	49.2	-	-	-	-	6	37.2	16.2	49.2	-	-	-	-	-	-	-	-
Tahiti	5	78.0	33.5	86.5	-	-	-	-	5	78.0	33.5	86.5	-	-	-	-	-	-	-	-
Tokelau	21	8.4	2.1	8.4	21	8.4	2.1	8.4	-	-	-	-	-	-	-	-	-	-	-	-
Am Samoa	38	498.6	266.2	543.8	-	-	-	-	25	271.1	143.1	321.9	9	159.3	95.7	161.4	4	68.2	27.4	60.5
Wallis/Futuna	2	7.6	2.2	3.4	-	-	-	-	-	-	-	-	-	-	-	-	2	7.6	2.2	3.4

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 - JUNE 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><u>TOTAL</u></b>	<b>109,092</b>	<b>22,868</b>	<b>134</b>	<b>577</b>	<b>69,136</b>	<b>22,291</b>	<b>6,392</b>	<b>-</b>	<b>33,430</b>	<b>-</b>
<b><u>OCEANIA</u></b>	<b>79,961</b>	<b>21,623</b>	<b>134</b>	<b>577</b>	<b>60,575</b>	<b>21,046</b>	<b>2,498</b>	<b>-</b>	<b>16,754</b>	<b>-</b>
New Zealand	59,622	13,598	-	-	59,242	13,598	-	-	380	-
Fiji	7,240	1,375	-	-	1,030	1,375	1,161	-	5,049	-
Tonga	69	4,972	69	-	-	4,972	-	-	-	-
New Caledonia	1,319	-	-	-	-	-	1,319	-	-	-
Vanuatu	18	-	-	-	-	-	18	-	-	-
Solomon Island	11,325	-	-	-	-	-	-	-	11,325	-
Tokelau	65	577	65	577	-	-	-	-	-	-
American Samoa	264	1,101	-	-	264	1,101	-	-	-	-
Tahiti	39	-	-	-	39	-	-	-	-	-
<b><u>AMERICA</u></b>	<b>8,548</b>	<b>1,245</b>	<b>-</b>	<b>-</b>	<b>8,548</b>	<b>1,245</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
U.S.A	8,548	1,245	-	-	8,548	1,245	-	-	-	-
<b><u>ASIA</u></b>	<b>20,583</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>3,894</b>	<b>-</b>	<b>16,676</b>	<b>-</b>
Japan	878	-	-	-	-	-	878	-	-	-
Taiwan	262	-	-	-	-	-	262	-	-	-
Korea	2,656	-	-	-	-	-	2,656	-	-	-
Philippines	23	-	-	-	-	-	23	-	-	-
Singapore	16,689	-	-	-	13	-	-	-	16,676	-
Thailand	75	-	-	-	-	-	75	-	-	-

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 - JUNE 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>81</b>	<b>21</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>17</b>	<b>8</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>5</b>
<b>Total Tonnage</b>	<b>897,744</b>	<b>8,610</b>	<b>896</b>	<b>3,438</b>	<b>4,679</b>	<b>113,317</b>	<b>112,994</b>	<b>420,662</b>	<b>-</b>	<b>-</b>	<b>233,148</b>
<b>Cyprus</b>											
No. of Ships	5	-	-	-	-	-	-	5	-	-	-
Total Tonnage	86,520	-	-	-	-	-	-	86,520	-	-	-
<b>Liberia</b>											
No. of Ships	3	-	-	-	-	-	2	-	-	-	1
Total Tonnage	71,003	-	-	-	-	-	25,004	-	-	-	45,999
<b>Singapore</b>											
No. of Ships	17	-	-	-	-	6	-	11	-	-	-
Total Tonnage	221,552	-	-	-	-	48,984	-	172,568	-	-	-
<b>Creece</b>											
No. of Ships	1	-	-	-	1	-	-	-	-	-	-
Total Tonnage	4,679	-	-	-	4,679	-	-	-	-	-	-
<b>China</b>											
No. of Ships	3	-	-	-	-	-	-	-	-	-	3
Total Tonnage	138,610	-	-	-	-	-	-	-	-	-	138,610
<b>Panama</b>											
No. of Ships	14	-	-	2	-	2	-	9	-	-	1
Total Tonnage	223,617	-	-	3,438	-	10,066	-	161,574	-	-	48,539
<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>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	21	21	-	-	-	-	-	-	-	-	-
Total Tonnage	8,610	8,610	-	-	-	-	-	-	-	-	-

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 : JANUARY - JUNE 2013

Type of Vessels	Total	Jan	Feb	Mar	Apr	May	Jun
<b>Total</b>	<b>81</b>	<b>14</b>	<b>16</b>	<b>10</b>	<b>15</b>	<b>13</b>	<b>13</b>
General Cargo Vessel	23	3	6	3	3	4	4
Container Vessel	39	7	7	4	9	5	7
Roll On/Roll off	9	2	1	1	2	2	1
Mineral Oil Tanker	10	2	2	2	1	2	1

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 : JANUARY - JUNE 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>72</b>	<b>15</b>	<b>38</b>	<b>9</b>	<b>10</b>
<b>Outward</b>	<b>48</b>	<b>18</b>	<b>30</b>	<b>-</b>	<b>-</b>
<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	-	-

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.

Nine 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 - JUNE 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	109,092	134	69,136	6,392	33,430
Outward	22,868	577	22,291	-	-
<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	-	-

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.

