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GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

Annual Shipping Statistics 2015

Highlights of the year

- 371 international sea going vessels were cleared at the port of Apia
- 186 international sea going vessels were accepted for tabulation consisted of one hundred and five (105) container vessels, thirty eight (38) General Cargo Vessels, twenty three (23) Mineral Oil Tankers and twenty (20) Roll On/ Roll Off Vessels.

Overview

Number of vessels

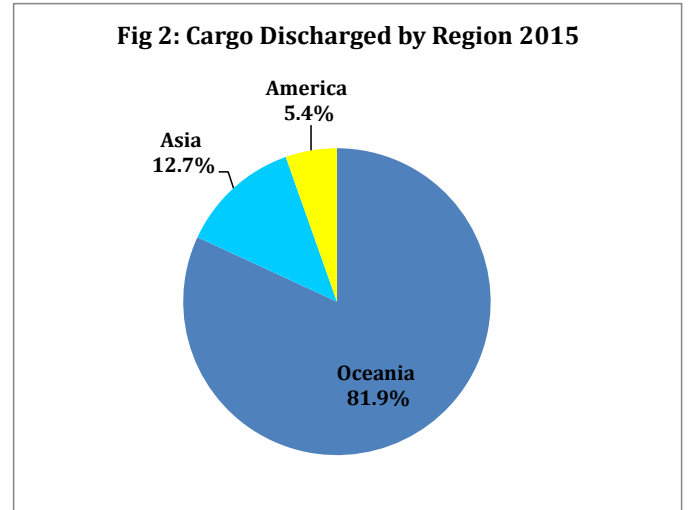
The total number of international sea going vessels cleared at the port of Apia during 2015 was three hundred and seventy one (371). Of the total, one hundred and eighty six (186) international sea going vessels accepted for tabulation consisted of hundred and five (105) Container Vessels, thirty eight (38) General Cargo Vessels, twenty three (23) Mineral Oil Tankers and twenty (20) Roll On/Roll Off Vessels while one hundred and eighty one (181) vessels were excluded from the analysis because they do not have the required information. 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	105	56.4
General Cargo Vessel	38	20.4
Mineral Oil Tanker	23	12.4
Roll On/Roll Off	20	10.8
Total	186	100

Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, one hundred and seventy five (175)¹ vessels discharged a combined total of 263.1 thousand metric tonnes of cargo, of which 81.9 percent (215.5 thousand metric tonnes) came from the Oceanic region (mostly from New Zealand), 12.7 percent (33.3 thousand metric tonnes) from Asia (mostly from Korea) and 5.4 percent (14.3 thousand metric tonnes) from the American region (all from USA). See figure 2 and table 3.



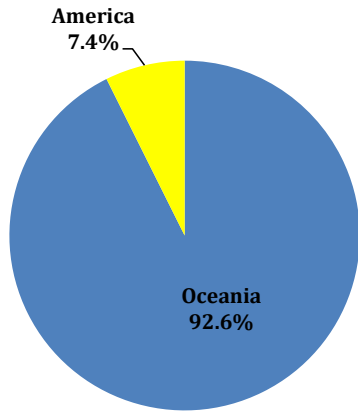
Source: Samoa Bureau of Statistics

Cargo Loaded

There were one hundred and five (105)² vessels loaded a combined total of 53.5 thousand metric tonnes of cargo, of which 92.6 percent (49.6 thousand metric tonnes) were loaded for the Oceanic region (mostly to New Zealand) and the remaining 7.4 percent (3.9 thousand metric tonnes) were loaded for the American region (all to USA). See figure 3 and table 3.

¹ Refers to vessels that only had inward cargo
² Refers to vessels that only had outward cargo

Fig 3: Cargo Loaded by Region 2015

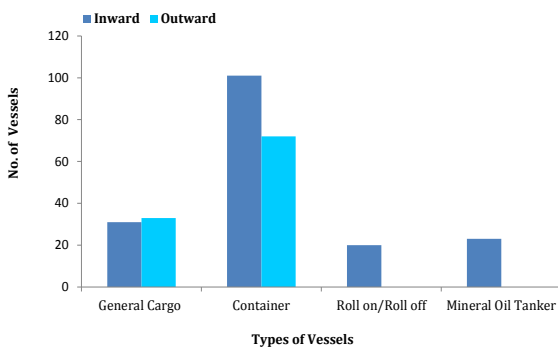


Source: Samoa Bureau of Statistics

Vessels carried inward/outward cargo

Of the one hundred and eighty six (186)³ vessels arrived, only one hundred and five (105) vessels returned with outward cargo of which seventy two (72) were Container Vessels and thirty three (33) General Cargo Vessels. No Roll on/Roll off vessels and 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 2015.

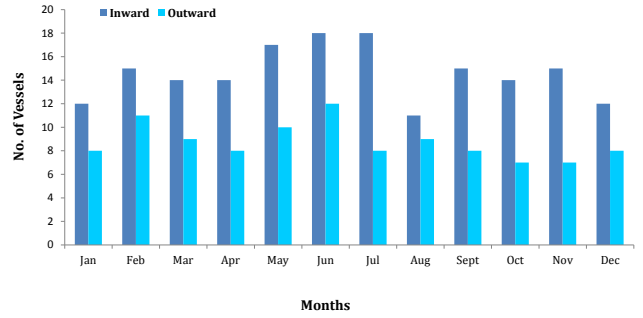
Figure 4: Number of Vessels that carried Inward/Outward Cargo by Type, 2015



Source: Samoa Bureau of Statistics

The number of vessels that carried inward cargo in each month of 2015 ranged from 11-18, while vessels that loaded outward cargo ranged from 7-12. This is graphically illustrated in Figure 5.

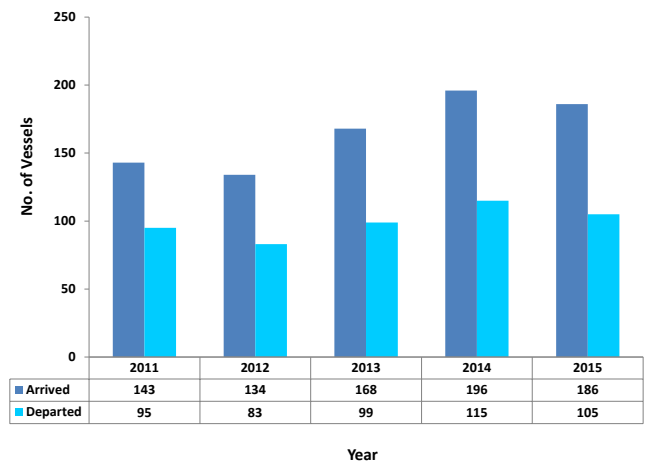
Figure 5: Number of Vessels that carried Inward/Outward Cargo per month, 2015



Source: Samoa Bureau of Statistics

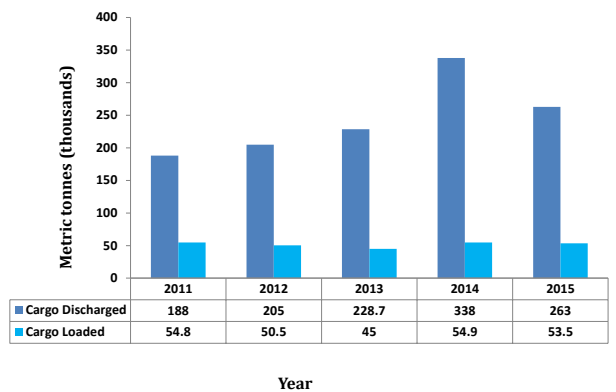
The total number of international sea going vessels arrived and departed, and cargo loaded and discharged at the port of Apia for the last 5 years are graphically presented respectively below in Figure 6 and Figure 7.

Figure 6: Number of Vessels Arrived/Departed at the port of Apia (2011-2015)



Source: Samoa Bureau of Statistics

Figure 7: Cargo Loaded/Discharged at the port of Apia (2011-2015)



Source: Samoa Bureau of Statistics

³ 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.

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 SPA (Samoa Port 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

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

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

PORT : APIA

PERIOD : JANUARY - DECEMBER 2015

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Roll on/ Roll off				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	No of Ship	GRT	NRT	DWT
TOTAL	186	1,754.4	844.9	2,264.6	38	16.5	5.1	16.5	105	988.7	474.6	1,303.1	20	351.0	209.0	358.7	23	398.2	156.2	586.3
OCEANIA	70	316.1	148.7	403.5	38	16.5	5.1	16.5	31	269.6	129.5	337.1	-	-	-	-	1	30.0	14.1	49.9
New Zealand	19	209.6	100.7	269.9	-	-	-	-	19	209.6	100.7	269.9	-	-	-	-	-	-	-	-
Cook Island	27	67.3	31.6	74.5	15	7.3	2.8	7.3	12	60.0	28.8	67.2	-	-	-	-	-	-	-	-
Tokelau	23	9.2	2.3	9.2	23	9.2	2.3	9.2	-	-	-	-	-	-	-	-	-	-	-	-
Marshall Island	1	30.0	14.1	49.9	-	-	-	-	-	-	-	-	-	-	-	-	1	30.0	14.1	49.9
EUROPE	17	246.8	110.1	331.3	-	-	-	-	14	157.6	67.6	193.6	-	-	-	-	3	89.2	42.5	137.7
Cyprus	2	25.0	11.2	30.4	-	-	-	-	2	25.0	11.2	30.4	-	-	-	-	-	-	-	-
Germany	1	29.3	11.9	39.9	-	-	-	-	-	-	-	-	-	-	-	-	1	29.3	11.9	39.9
Italy	6	101.4	40.2	129.0	-	-	-	-	6	101.4	40.2	129.0	-	-	-	-	-	-	-	-
Portugal	6	31.2	16.2	34.2	-	-	-	-	6	31.2	16.2	34.2	-	-	-	-	-	-	-	-
Libya	1	30.0	12.1	47.0	-	-	-	-	-	-	-	-	-	-	-	-	1	30.0	12.1	47.0
Denmark	1	29.9	18.5	50.8	-	-	-	-	-	-	-	-	-	-	-	-	1	29.9	18.5	50.8
AMERICA	39	457.1	239.0	477.1	-	-	-	-	7	34.3	17.9	40.3	20	351.0	209.0	358.7	12	71.8	12.1	78.1
USA	6	31.2	16.2	36.0	-	-	-	-	6	31.2	16.2	36.0	-	-	-	-	-	-	-	-
PANAMA	33	425.9	222.8	441.1	-	-	-	-	1	3.1	1.7	4.3	20	351.0	209.0	358.7	12	71.8	12.1	78.1
ASIA	60	734.4	347.1	1,052.7	-	-	-	-	53	527.2	259.6	732.1	-	-	-	-	7	207.2	87.5	320.6
Singapore	44	425.5	204.0	599.4	-	-	-	-	44	425.5	204.0	599.4	-	-	-	-	-	-	-	-
Hong Kong	11	160.9	80.6	224.3	-	-	-	-	9	101.7	55.6	132.7	-	-	-	-	2	59.2	25.0	91.6
China	5	148.0	62.5	229.0	-	-	-	-	-	-	-	-	-	-	-	-	5	148.0	62.5	229.0

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 2015

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Roll on/ Roll off				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	No of Ship	GRT	NRT	DWT
TOTAL	186	1,754.4	844.9	2,264.6	38	16.5	5.1	16.5	105	988.7	474.6	1,303.1	20	351.0	209.0	358.7	23	398.2	156.2	586.3
OCEANIA	185	1,724.8	832.4	2,218.9	38	16.5	5.1	16.5	105	988.7	474.6	1,303.1	20	351.0	209.0	358.7	22	368.6	143.7	540.6
New Zealand	7	26.6	7.7	18.5	-	-	-	-	-	-	-	-	-	-	-	-	7	26.6	7.7	18.5
Am Samoa	37	508.5	252.3	653.9	-	-	-	-	22	196.5	99.9	279.0	11	193.5	115.5	197.2	4	118.5	36.9	177.7
Solomon	2	59.6	26.6	95.7	-	-	-	-	-	-	-	-	-	-	-	-	2	59.6	26.6	95.7
Tonga	5	47.0	22.5	65.5	-	-	-	-	5	47.0	22.5	65.5	-	-	-	-	-	-	-	-
Tahiti	16	228.9	99.2	281.0	-	-	-	-	16	228.9	99.2	281.0	-	-	-	-	-	-	-	-
Suva	78	830.8	416.2	1,081.8	-	-	-	-	61	513.2	251.3	673.3	9	157.5	93.5	161.5	8	160.1	71.4	247.0
Wallis	2	6.9	2.8	6.0	-	-	-	-	1	3.1	1.7	4.3	-	-	-	-	1	3.8	1.1	1.7
Tokelau	38	16.5	5.1	16.5	38	16.5	5.1	16.5	-	-	-	-	-	-	-	-	-	-	-	-
ASIA	1	29.6	12.5	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.7
Singapore	1	29.6	12.5	45.7	-	-	-	-	-	-	-	-	-	-	-	-	1	29.6	12.5	45.7

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 2015**

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
TOTAL	263,105	53,542	322	2,340	157,904	51,202	24,126	-	80,753	-
<u>OCEANIA</u>	215,467	49,604	322	2,340	130,524	47,264	3,868	-	80,753	-
Australia	11,171	9,591	-	-	10,351	9,591	-	-	820	-
New Zealand	103,207	20,720	-	-	103,022	20,720	-	-	185	-
New Caledonia	536	306	-	-	536	306	-	-	-	-
Fiji	38,265	4,080	-	-	14,362	4,080	3,814	-	20,089	-
Solomon Island	46,303	-	-	-	-	-	52	-	46,251	-
Tonga	1,597	8,646	-	-	1,595	8,646	2	-	-	-
Cook Island	-	3	-	-	-	3	-	-	-	-
Am Samoa	14,055	3,499	-	-	647	3,499	-	-	13,408	-
Tokelau	322	2,734	322	2,340	-	394	-	-	-	-
Papua New Guinea	-	25	-	-	-	25	-	-	-	-
Marshall Island	11	-	-	-	11	-	-	-	-	-
<u>AMERICA</u>	14,328	3,938	-	-	14,328	3,938	-	-	-	-
U.S.A	14,328	3,938	-	-	14,328	3,938	-	-	-	-
<u>ASIA</u>	33,310	-	-	-	13,052	-	20,258	-	-	-
Korea	22,295	-	-	-	12,563	-	9,732	-	-	-
China	6,641	-	-	-	38	-	6,603	-	-	-
Japan	2,884	-	-	-	451	-	2,433	-	-	-
Thailand	442	-	-	-	-	-	442	-	-	-
Taiwan	204	-	-	-	-	-	204	-	-	-
Malaysia	615	-	-	-	-	-	615	-	-	-
Phillipine	145	-	-	-	-	-	145	-	-	-
Singapore	84	-	-	-	-	-	84	-	-	-

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 2015

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+
Total No. of Ships	186	25	13	5	7	24	62	31	7	-	12
Total Tonnage	2,263,918	10,250	6,500	8,595	27,139	137,784	811,462	555,004	152,634	-	554,550
Cook Island											
No. of Ships	50	25	13	-	-	12	-	-	-	-	-
Total Tonnage	84,454	10,250	6,500	-	-	67,704	-	-	-	-	-
China											
No. of Ships	5	-	-	-	-	-	-	-	-	-	5
Total Tonnage	229,008	-	-	-	-	-	-	-	-	-	229,008
Antigua											
No. of Ships	6	-	-	-	-	6	-	-	-	-	-
Total Tonnage	33,900	-	-	-	-	33,900	-	-	-	-	-
Hong Kong											
No. of Ships	10	-	-	-	-	-	8	-	1	-	1
Total Tonnage	178,215	-	-	-	-	-	108,776	-	23,586	-	45,853
Malta											
No. of Ships	6	-	-	-	-	-	-	-	6	-	-
Total Tonnage	129,048	-	-	-	-	-	-	-	129,048	-	-
Singapore											
No. of Ships	60	-	-	-	-	-	54	5	-	-	1
Total Tonnage	840,721	-	-	-	-	-	702,686	92,315	-	-	45,720
Panama											
No. of Ships	33	-	-	5	7	-	-	20	-	-	1
Total Tonnage	440,787	-	-	8,595	27,139	-	-	358,865	-	-	46,188
Denmark											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	50,800	-	-	-	-	-	-	-	-	-	50,800
Liberia											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	46,992	-	-	-	-	-	-	-	-	-	46,992
Marshall Island											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	49,990	-	-	-	-	-	-	-	-	-	49,990
Limassol											
No. of Ships	1	-	-	-	-	-	-	1	-	-	-
Total Tonnage	17,304	-	-	-	-	-	-	17,304	-	-	-
Cyprus											
No. of Ships	5	-	-	-	-	-	-	5	-	-	-
Total Tonnage	86,520	-	-	-	-	-	-	86,520	-	-	-
Netherland											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	39,999	-	-	-	-	-	-	-	-	-	39,999
Matson											
No. of Ships	6	-	-	-	-	6	-	-	-	-	-
Total Tonnage	36,180	-	-	-	-	36,180	-	-	-	-	-

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 2015**

Type of Vessel	General Cargo Vessel	Container Vessel	Roll On/ Roll Off	Mineral Oil Tanker	TOTAL
TOTAL	38	105	20	23	186
January	4	6	2	2	14
February	4	10	1	2	17
March	2	9	2	1	14
April	3	8	2	2	15
May	4	9	2	2	17
June	6	9	2	1	18
July	3	11	2	2	18
August	2	8	1	2	13
September	3	11	1	3	18
October	2	8	2	2	14
November	3	9	2	2	16
December	2	7	1	2	12

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 2015

Number of Calls	Type of Vessel				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
TOTAL					
Inward	175	31	101	20	23
Outward	105	33	72	-	-
January					
Inward	12	3	5	2	2
Outward	8	3	5	-	-
February					
Inward	15	4	8	1	2
Outward	11	4	7	-	-
March					
Inward	14	2	9	2	1
Outward	9	2	7	-	-
April					
Inward	14	3	7	2	2
Outward	8	3	5	-	-
May					
Inward	17	4	9	2	2
Outward	10	4	6	-	-
June					
Inward	18	6	9	2	1
Outward	12	6	6	-	-
July					
Inward	18	3	11	2	2
Outward	8	1	7	-	-
August					
Inward	11	-	8	1	2
Outward	9	2	7	-	-
September					
Inward	15	-	11	1	3
Outward	8	2	6	-	-
October					
Inward	14	2	8	2	2
Outward	7	2	5	-	-
November					
Inward	15	2	9	2	2
Outward	7	2	5	-	-
December					
Inward	12	2	7	1	2
Outward	8	2	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.
 Eleven vessels that had no inward cargo were excluded
 Eighty one vessels that had no outward cargo were excluded

**Table 7. INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPES OF VESSEL 1/
PORT : APIA
PERIOD : JANUARY - DECEMBER 2015**

Number of Calls	Type of Vessel				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
Total					
Inward	263,105	322	157,904	24,126	80,753
Outward	53,542	2,340	51,202	-	-
January					
Inward	21440	12	12699	1655	7074
Outward	5594	34	5560	-	-
February					
Inward	21066	20	12775	1091	7180
Outward	3851	110	3741	-	-
March					
Inward	16059	6	14011	1982	60
Outward	6318	68	6250	-	-
April					
Inward	16370	10	6894	2184	7282
Outward	3056	83	2973	-	-
May					
Inward	20356	47	12097	1743	6469
Outward	3784	168	3616	-	-
June					
Inward	19930	9	11133	2384	6404
Outward	5949	135	5814	-	-
July					
Inward	26178	2	17329	1827	7020
Outward	4497	240	4257	-	-
August					
Inward	17431	-	10587	1457	5387
Outward	3501	330	3171	-	-
September					
Inward	31563	-	16964	843	13756
Outward	4571	301	4270	-	-
October					
Inward	24143	92	14605	2641	6805
Outward	4244	324	3920	-	-
November					
Inward	24206	21	15049	2532	6604
Outward	3647	326	3321	-	-
December					
Inward	24363	103	13761	3787	6712
Outwards	4530	221	4309	-	-

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.