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GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

Annual Shipping Statistics 2016

Highlights of the year

- 493 international sea going vessels were cleared at the port of Apia
- 199 international sea going vessels were accepted for tabulation consisted of one hundred and eighteen (118) container vessels, forty two (42) General Cargo Vessels, twenty eight (28) Mineral Oil Tankers and eleven (11) Roll On/ Roll Off Vessels.

Overview

Number of vessels

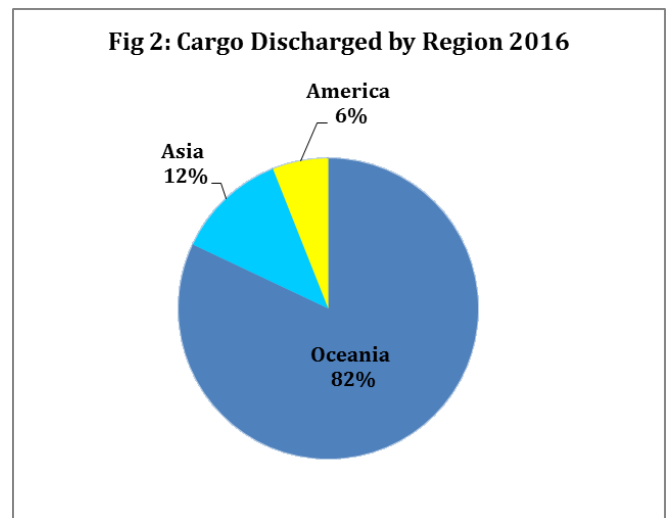
In 2016, there were four hundred and ninety three (493) international sea going vessels cleared at the port of Apia. Of the total, one hundred and ninety nine (199) international sea going vessels accepted for tabulation which consisted of hundred and eighteen (118) Container Vessels, forty two (42) General Cargo Vessels, twenty eight (28) Mineral Oil Tankers and eleven (11) Roll On/Roll Off Vessels while two hundred and ninety four (294) 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	118	59.3
General Cargo Vessel	42	21.1
Mineral Oil Tanker	28	14.1
Roll On/Roll Off	11	5.5
Total	199	100

Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, one hundred and sixty three (163)¹ vessels discharged a combined total of 286.1 thousand metric tonnes of cargo, of which 82 percent (234.5 thousand metric tonnes) came from the Oceanic region (mostly from New Zealand and Fiji), 12 percent (34.2 thousand metric tonnes) from Asia (mostly from Korea) and 6 percent (17.4 thousand metric tonnes) from the American region (mostly from USA). See figure 2 and table 3.



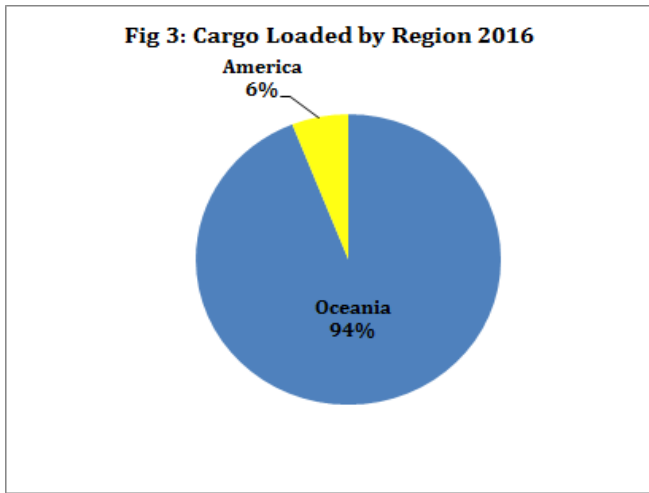
Source: Samoa Bureau of Statistics

Cargo Loaded

There were one hundred and three (103)² vessels loaded a combined total of 49.8 thousand metric tonnes of cargo, of which 94 percent (46.7 thousand metric tonnes) were loaded for the Oceanic region (mostly to New Zealand) and the remaining 6 percent (3.2 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

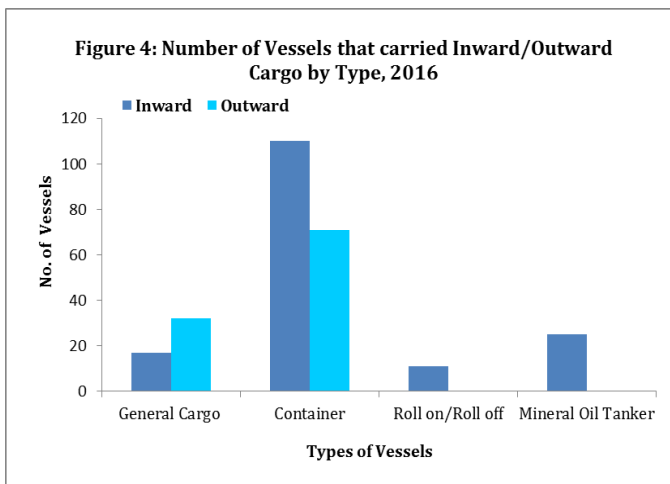


Source: Samoa Bureau of Statistics

Vessels carried inward/outward cargo

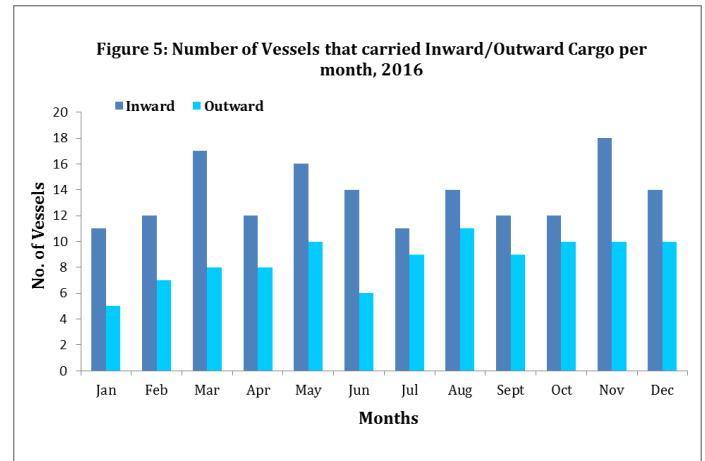
Of the one hundred and ninety nine (199)³ vessels arrived, there were hundred and sixty three (163) vessels carried inward cargo and one hundred and three (103) vessels returned with outward cargo.

The 163 vessels carried inward cargo consisted of 110 Container vessels, 25 Mineral Oil Tankers, 17 General Cargo vessels and 11 Roll on/Roll off vessels while the 163 vessels returned with outward cargo consisted of 71 Container vessels and thirty two (32) 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.



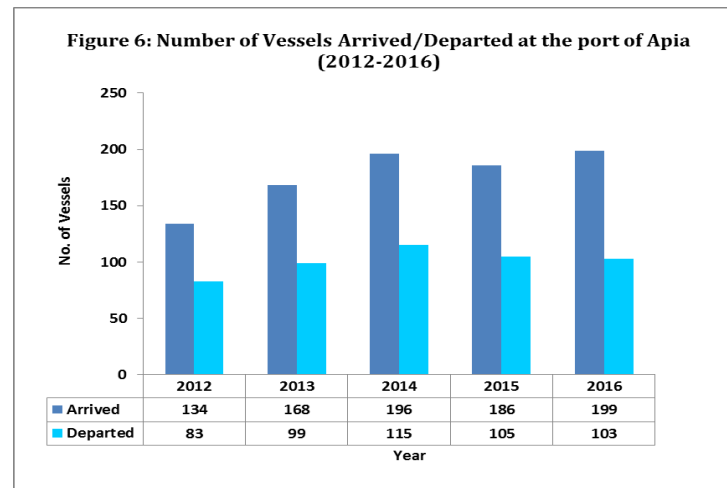
Source: Samoa Bureau of Statistics

The number of vessels that carried inward cargo in each month of 2016 ranged from 11-18, while vessels that loaded outward cargo ranged from 5-11. This is graphically illustrated in Figure 5.

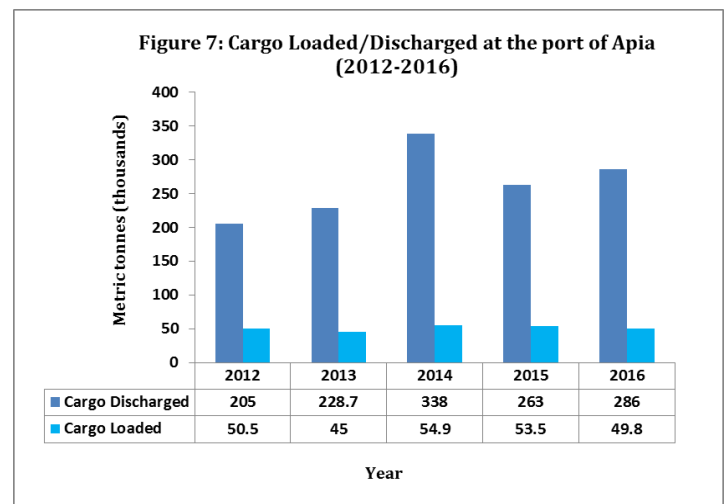


Source: Samoa Bureau of Statistics

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.



Source: Samoa Bureau of Statistics

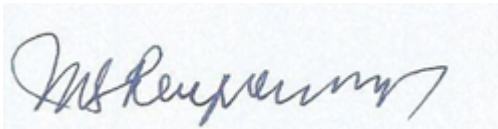


Source: Samoa Bureau of Statistics

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

- Magnitude is zero
- 0 Insignificant

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

PORT : APIA

PERIOD : JANUARY - DECEMBER 2016

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	199	2,049.5	960.5	2,670.6	42	26.7	12.5	18.9	118	1,313.0	612.9	1,649.3	11	193.5	116.0	197.2	28	516.3	219.1	805.2
<u>OCEANIA</u>	49	78.3	39.4	86.3	42	26.7	12.5	18.9	6	30.0	14.4	33.6	-	-	-	-	1	21.6	12.5	33.8
Cook Island	42	48.0	18.0	40.8	36	18.0	3.6	7.2	6	30.0	14.4	33.6	-	-	-	-	-	-	-	-
Marshall Island	1	21.6	12.5	33.8	-	-	-	-	-	-	-	-	-	-	-	-	1	21.6	12.5	33.8
Tonga	3	4.8	3.0	7.2	3	4.8	3.0	7.2	-	-	-	-	-	-	-	-	-	-	-	-
Fiji	3	3.9	5.9	4.5	3	3.9	5.9	4.5	-	-	-	-	-	-	-	-	-	-	-	-
<u>EUROPE</u>	35	459.3	197.1	624.6	-	-	-	-	31	339.4	143.3	429.4	-	-	-	-	4	119.9	53.8	195.2
Portugal	19	136.6	62.9	171.4	-	-	-	-	19	136.6	62.9	171.4	-	-	-	-	-	-	-	-
Italy	12	202.8	80.4	258.0	-	-	-	-	12	202.8	80.4	258.0	-	-	-	-	-	-	-	-
Denmark	2	59.9	29.6	101.6	-	-	-	-	-	-	-	-	-	-	-	-	2	59.9	29.6	101.6
Greece	2	60.0	24.2	93.6	-	-	-	-	-	-	-	-	-	-	-	-	2	60.0	24.2	93.6
<u>AMERICA</u>	35	449.7	255.2	459.1	-	-	-	-	12	210.6	126.0	215.1	11	193.5	116.0	197.2	12	45.6	13.2	46.8
Panama	35	449.7	255.2	459.1	-	-	-	-	12	210.6	126.0	215.1	11	193.5	116.0	197.2	12	45.6	13.2	46.8
<u>AFRICA</u>	4	120.0	52.9	200.3	-	-	-	-	-	-	-	-	-	-	-	-	4	120.0	52.9	200.3
Liberia	4	120.0	52.9	200.3	-	-	-	-	-	-	-	-	-	-	-	-	4	120.0	52.9	200.3
<u>ASIA</u>	76	942.2	415.9	1,300.3	-	-	-	-	69	733.0	329.2	971.2	-	-	-	-	7	209.2	86.7	329.1
Singapore	62	678.0	306.1	927.5	-	-	-	-	59	588.4	269.4	781.8	-	-	-	-	3	89.6	36.7	145.7
Hong Kong	13	234.2	97.3	327.0	-	-	-	-	10	144.6	59.8	189.4	-	-	-	-	3	89.6	37.5	137.6
China	1	30.0	12.5	45.8	-	-	-	-	-	-	-	-	-	-	-	-	1	30.0	12.5	45.8

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 2. DEPARTURE OF VESSELS BY TYPE AND COUNTRY OF DESTINATION 1/

PORT : APIA

PERIOD : JANUARY - DECEMBER 2016

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	199	2,049.5	960.5	2,670.6	42	26.7	12.5	18.9	118	1,313.0	612.9	1,649.3	11	193.5	116.0	197.2	28	516.3	219.1	805.2
OCEANIA	199	2,049.5	960.5	2,670.6	42	26.7	12.5	18.9	118	1,313.0	612.9	1,649.3	11	193.5	116.0	197.2	28	516.3	219.1	805.2
New Zealand	11	34.3	14.7	35.7	3	3.9	5.9	4.5	-	-	-	-	-	-	-	-	8	30.4	8.8	31.2
Fiji	104	1,166.7	599.4	1,451.7	1	0.5	0.1	0.2	83	807.6	412.2	998.6	11	193.5	116.0	197.2	9	165.1	71.1	255.7
Tonga	4	78.1	31.5	105.3	-	-	-	-	4	78.1	31.5	105.3	-	-	-	-	-	-	-	-
Tahiti	24	334.4	138.6	435.9	-	-	-	-	23	312.8	126.1	402.1	-	-	-	-	1	21.6	12.5	33.8
Am.Samoa	18	413.7	169.8	627.8	-	-	-	-	8	114.5	43.1	143.3	-	-	-	-	10	299.2	126.7	484.5
Tokelau	38	22.3	6.5	14.2	38	22.3	6.5	14.2	-	-	-	-	-	-	-	-	-	-	-	-

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 2016**

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	286,133	49,809	55	1,944	190,727	47,865	12,650	-	82,701	-
<u>OCEANIA</u>	234,527	46,651	55	1,944	149,286	44,707	2,485	-	82,701	-
Australia	15,299	5,919	-	-	14,249	5,919	-	-	1,050	-
New Zealand	103,861	23,566	-	-	103,766	23,566	-	-	95	-
Fiji	93,079	8,373	-	-	30,031	8,373	2,485	-	60,563	-
New Caledonia	247	50	-	-	247	50	-	-	-	-
Solomon Island	404	-	-	-	404	-	-	-	-	-
Tonga	166	2,987	-	-	166	2,987	-	-	-	-
Marshall Island	-	89	-	-	-	89	-	-	-	-
Kiribati	21	-	-	-	21	-	-	-	-	-
Am.Samoa	21,383	3,723	-	-	390	3,723	-	-	20,993	-
Tokelau	55	1,944	55	1,944	-	-	-	-	-	-
Cook Island	12	-	-	-	12	-	-	-	-	-
<u>AMERICA</u>	17,387	3,151	-	-	17,387	3,151	-	-	-	-
U.S.A	17,371	3,151	-	-	17,371	3,151	-	-	-	-
Brazil	16	-	-	-	16	-	-	-	-	-
<u>ASIA</u>	34,219	7	-	-	24,054	7	10,165	-	-	-
Korea	23,204	7	-	-	17,127	7	6,077	-	-	-
China	6,462	-	-	-	4,356	-	2,106	-	-	-
Japan	3,268	-	-	-	2,115	-	1,153	-	-	-
Taiwan	381	-	-	-	116	-	265	-	-	-
Thailand	160	-	-	-	95	-	65	-	-	-
Singapore	274	-	-	-	117	-	157	-	-	-
Phillipine	87	-	-	-	47	-	40	-	-	-
Malaysia	377	-	-	-	81	-	296	-	-	-
Hong Kong	6	-	-	-	-	-	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 4. ARRIVAL OF VESSEL BY DWT, CLASS AND FLAG 1/

PORT : APIA

PERIOD : JANUARY - DECEMBER 2016

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	199	36	-	10	12	19	59	28	15	3	17
Total Tonnage	2,670,388	7,128	-	63,839	46,248	122,902	756,267	477,657	327,821	79,492	789,034
Panama											
No. of Ships	35	-	-	-	12	-	-	23	-	-	-
Total Tonnage	458,970	-	-	-	46,248	-	-	412,722	-	-	-
Antigua											
No. of Ships	18	-	-	-	-	13	5	-	-	-	-
Total Tonnage	142,785	-	-	-	-	89,050	53,735	-	-	-	-
Portugal											
No. of Ships	1	-	-	-	-	-	-	-	-	1	-
Total Tonnage	28,170	-	-	-	-	-	-	-	-	28,170	-
Malta											
No. of Ships	12	-	-	-	-	-	-	-	12	-	-
Total Tonnage	258,096	-	-	-	-	-	-	-	258,096	-	-
Denmark											
No. of Ships	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	101,600	-	-	-	-	-	-	-	-	-	101,600
Bahamas											
No. of Ships	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	93,584	-	-	-	-	-	-	-	-	-	93,584
Liberia											
No. of Ships	4	-	-	-	-	-	-	-	-	-	4
Total Tonnage	200,256	-	-	-	-	-	-	-	-	-	200,256
Singapore											
No. of Ships	62	-	-	4	-	-	49	5	-	-	4
Total Tonnage	927,783	-	-	51,911	-	-	634,406	64,935	-	-	176,531
Hong Kong											
No. of Ships	13	-	-	-	-	-	5	-	3	2	3
Total Tonnage	326,667	-	-	-	-	-	68,126	-	69,725	51,322	137,494
China											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	45,790	-	-	-	-	-	-	-	-	-	45,790
Tonga											
No. of Ships	3	-	-	3	-	-	-	-	-	-	-
Total Tonnage	7,299	-	-	7,299	-	-	-	-	-	-	-
Fiji											
No. of Ships	3	-	-	3	-	-	-	-	-	-	-
Total Tonnage	4,629	-	-	4,629	-	-	-	-	-	-	-
Marshall Island											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	33,779	-	-	-	-	-	-	-	-	-	33,779
Cook Island											
No. of Ships	42	36	-	-	-	6	-	-	-	-	-
Total Tonnage	40,980	7,128	-	-	-	33,852	-	-	-	-	-

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 2016**

Type of Vessel	General Cargo Vessel	Container Vessel	Roll On/ Roll Off	Mineral Oil Tanker	TOTAL
TOTAL	42	118	11	28	199
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

Source: Samoa Bureau of Statistics

Data source: Samoa Ports Authority, Shipping Agents

1/: Provisional Figures

Table 6. NUMBER OF VESSELS THAT CARRIED INWARD/OUTWARD CARGO PER MONTH
PORT : APIA
PERIOD : JANUARY - DECEMBER 2016

Number of Calls	Type of Vessel				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
TOTAL					
Inward	163	17	110	11	25
Outward	103	32	71	-	-
January					
Inward	11	-	6	3	2
Outward	5	-	5	-	-
February					
Inward	12	-	9	-	3
Outward	7	-	7	-	-
March					
Inward	17	2	10	3	2
Outward	8	2	6	-	-
April					
Inward	12	3	5	2	2
Outward	8	3	5	-	-
May					
Inward	16	4	9	1	2
Outward	10	4	6	-	-
June					
Inward	14	2	7	2	3
Outward	6	1	5	-	-
July					
Inward	11	1	9	-	1
Outward	9	3	6	-	-
August					
Inward	14	-	11	-	3
Outward	11	5	6	-	-
September					
Inward	12	-	11	-	1
Outward	9	3	6	-	-
October					
Inward	12	-	11	-	1
Outward	10	4	6	-	-
November					
Inward	18	4	11	-	3
Outward	10	5	5	-	-
December					
Inward	14	1	11	-	2
Outward	10	2	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 7. INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPES OF VESSEL 1/
PORT : APIA
PERIOD : JANUARY - DECEMBER 2016**

Number of Calls	<u>Type of Vessel</u>				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
Total					
Inward	286,133	55	190,727	12,650	82,701
Outward	49,809	1,944	47,865	-	-
January					
Inward	19113	-	13497	2488	3128
Outward	3010	-	3010	-	-
February					
Inward	23978	-	15967	-	8011
Outward	4284	-	4284	-	-
March					
Inward	18057	3	9341	2836	5877
Outward	2837	51	2786	-	-
April					
Inward	26489	4	15907	2992	7586
Outward	2959	27	2932	-	-
May					
Inward	23886	6	16104	1762	6014
Outward	2812	103	2709	-	-
June					
Inward	29555	4	14046	2572	12933
Outward	5488	47	5441	-	-
July					
Inward	12788	1	12697	-	90
Outward	11931	346	11585	-	-
August					
Inward	28753	-	13043	-	15710
Outward	3598	178	3420	-	-
September					
Inward	17245	-	17125	-	120
Outward	3273	124	3149	-	-
October					
Inward	26659	-	18469	-	8190
Outward	3193	148	3045	-	-
November					
Inward	24900	29	18051	-	6820
Outward	3376	438	2938	-	-
December					
Inward	34710	8	26480	-	8222
Outwards	3048	482	2566	-	-

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.