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GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

Shipping Statistics Report January-June 2016

Highlights of the six months period

- 223 sea going vessels were cleared at the port of Apia
- 93 sea going vessels were accepted for tabulation consisted of (49) container vessels, sixteen (16) General Cargo Vessels, eleven (11) Roll On/ Roll Off Vessels and seventeen (17) Mineral Oil Tankers.

Overview

Number of vessels

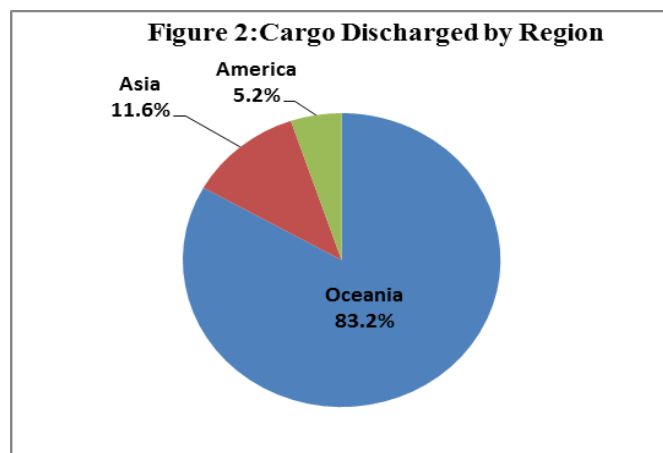
The total number of sea going vessels cleared at the port of Apia in the first six months (January-June) of 2016 was two hundred and twenty three (223). Of the total, one hundred and thirty (130) vessels were excluded from tabulation as they do not have the required information. Ninety three (93) international sea going vessels were accepted for tabulation, which consisted of forty nine (49) Container Vessels, sixteen (16) General Cargo Vessels, eleven (11) Roll On/ Roll Off Vessels and seventeen (17) Mineral Oil Tankers. See figure 1 and tables 1&2.

Figure 1. Number of vessels by type and percentage.

Type of Vessel	Number of Vessles	Percentage
Total	93	100
Container Vessel	49	52.7
General Cargo Vessel	16	17.2
Roll On/Roll off	11	11.8
Mineral Oil Tanker	17	18.3

Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, eighty two (82)¹ vessels discharged a combined total of 141,078 metric tonnes of cargo, of which 83.2 percent (117,366 metric tonnes) from the Oceanic region (mostly from New Zealand and Fiji), 11.6 percent (16,398 metric tonnes) came from Asia (mostly from Korea), and 5.2 percent (7,314 metric tonnes) from the American region (all from USA). See figure 2 and table 3.



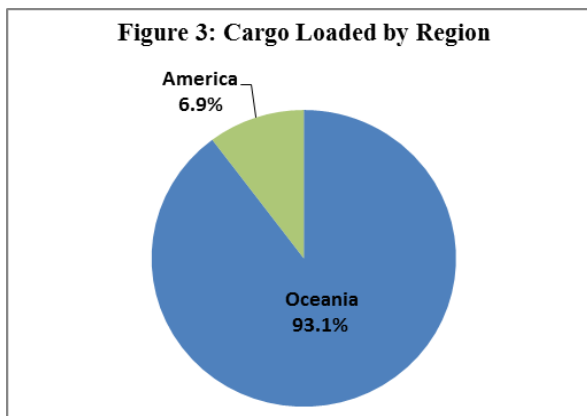
Source: Samoa Bureau of Statistics

Cargo Loaded

There were forty four (44)² vessels loaded a combined total of 21,390 metric tonnes of cargo, of which 93.1 percent (19,917 metric tonnes) were loaded for the Oceanic region (mostly to New Zealand) and the remaining 6.9 percent (1,473 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

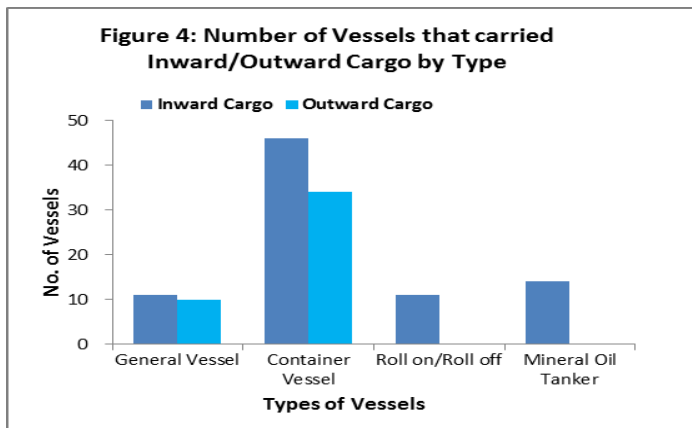
² Refers to vessels that only had outward cargo



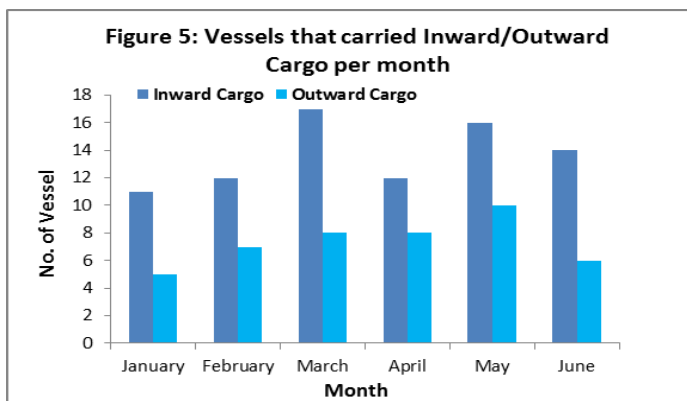
Source: Samoa Bureau of Statistics

Vessels carried inward/outward cargo

Of the ninety three (93)³ vessels arrived, only forty four (44) vessels returned with outward cargo of which thirty four (34) were Container Vessels and ten (10) General Cargo Vessels. No Roll on/Roll off vessels and Mineral Oil Tankers returned with any outward cargo from the port of Apia. Figures 4, 5 and table 6 illustrate the graphical and tabular analysis of the number of vessels that carried inward/outward cargo by type and month over the reference period.



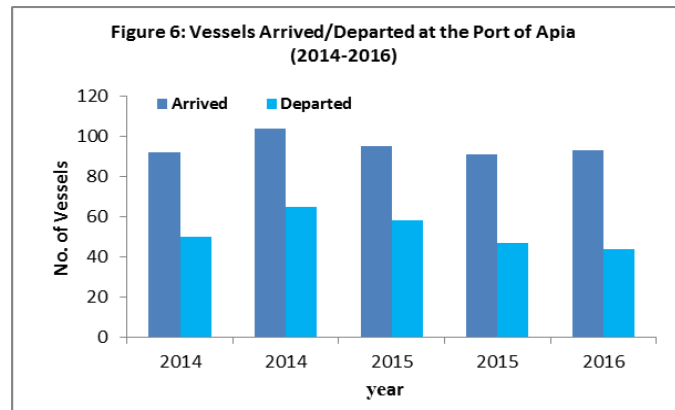
Source: Samoa Bureau of Statistics



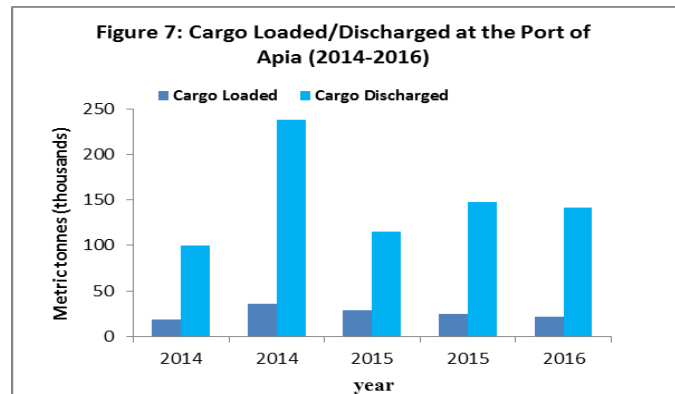
Source: Samoa Bureau of Statistics

A comparative analysis of six month shipping reports in the last two years (2014-2016) revealed that, the total number of vessels⁴ arrived ranged from 91 to 104 while vessels⁵ departed ranged from 44 to 65 as depicted in figure 6.

On the other hand, cargo discharged ranged from 100,463 to 237,682 metric tonnes while cargo loaded ranged from 18,647 to 36,239 metric tonnes. See figure 7.



Source: Samoa Bureau of Statistics



Source: Samoa Bureau of Statistics

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.

The 2016 last six months (July-December) Shipping Statistics Report will be available on March 2017.

Muagututi'a S Reupena
Government Statistician

³ Refers to vessels that had the required information

⁴ Refers to vessels that had the required information

⁵ Refers to vessels that only had outward cargo

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 - June 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
<u>TOTAL</u>	93	1,047.1	501.3	1,393.7	16	9.6	2.4	5.8	49	500.1	232.2	649.5	11	193.5	116.0	197.2	17	343.9	150.7	541.2
<u>OCEANIA</u>	21	51.2	24.5	62.0	16	9.6	2.4	5.8	4	20.0	9.6	22.4	-	-	-	-	1	21.6	12.5	33.8
Cook Island	18	27.0	11.0	25.2	14	7.0	1.4	2.8	4	20.0	9.6	22.4	-	-	-	-	-	-	-	-
Marshall Island	1	21.6	12.5	33.8	-	-	-	-	-	-	-	-	-	-	-	-	1	21.6	12.5	33.8
Fiji	2	2.6	1.0	3.0	2	2.6	1.0	3.0	-	-	-	-	-	-	-	-	-	-	-	-
<u>AMERICA</u>	17	216.3	122.6	220.6	-	-	-	-	-	-	-	-	11	193.5	116.0	197.2	6	22.8	6.6	23.4
Panama	17	216.3	122.6	220.6	-	-	-	-	-	-	-	-	11	193.5	116.0	197.2	6	22.8	6.6	23.4
<u>EUROPE</u>	13	202.6	90.5	285.6	-	-	-	-	10	112.7	47.8	141.2	-	-	-	-	3	89.9	42.7	144.4
Portugal	5	28.2	14.3	33.7	-	-	-	-	5	28.2	14.3	33.7	-	-	-	-	-	-	-	-
Italy	5	84.5	33.5	107.5	-	-	-	-	5	84.5	33.5	107.5	-	-	-	-	-	-	-	-
Denmark	1	29.9	18.5	50.8	-	-	-	-	-	-	-	-	-	-	-	-	1	29.9	18.5	50.8
Greece	2	60.0	24.2	93.6	-	-	-	-	-	-	-	-	-	-	-	-	2	60.0	24.2	93.6
<u>AFRICA</u>	2	60.0	27.2	102.2	-	-	-	-	-	-	-	-	-	-	-	-	2	60.0	27.2	102.2
Liberia	2	60.0	27.2	102.2	-	-	-	-	-	-	-	-	-	-	-	-	2	60.0	27.2	102.2
<u>ASIA</u>	40	517.0	236.5	723.3	-	-	-	-	35	367.4	174.8	485.9	-	-	-	-	5	149.6	61.7	237.4
Singapore	33	397.0	179.1	551.2	-	-	-	-	30	307.4	142.4	405.5	-	-	-	-	3	89.6	36.7	145.7
Hong Kong	6	90.0	44.9	126.3	-	-	-	-	5	60.0	32.4	80.4	-	-	-	-	1	30.0	12.5	45.9
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 - June 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
<u>TOTAL</u>	93	1,047.1	501.3	1,393.7	16	9.6	2.4	5.8	49	500.1	232.2	649.5	11	193.5	116.0	197.2	17	343.9	150.7	541.2
<u>OCEANIA</u>	93	1,047.1	501.3	1,393.7	16	9.6	2.4	5.8	49	500.1	232.2	649.5	11	193.5	116.0	197.2	17	343.9	150.7	541.2
Fiji	49	562.0	290.5	699.5	1	0.5	0.1	0.2	32	270.5	128.7	352.0	11	193.5	116.0	197.2	5	97.5	45.7	150.1
Tahiti	12	166.1	72.7	219.9	-	-	-	-	11	144.5	60.2	186.1	-	-	-	-	1	21.6	12.5	33.8
Tonga	1	18.4	9.2	25.7	-	-	-	-	1	18.4	9.2	25.7	-	-	-	-	-	-	-	-
Tokelau	13	6.5	1.3	2.6	13	6.5	1.3	2.6	-	-	-	-	-	-	-	-	-	-	-	-
New Zealand	6	17.8	5.4	18.6	2	2.6	1.0	3	-	-	-	-	-	-	-	-	4	15.2	4.4	15.6
Am.Samoa	12	276.3	122.2	427.4	-	-	-	-	5	66.7	34.1	85.7	-	-	-	-	7	209.6	88.1	341.7

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 - June 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	141,078	21,390	17	228	84,862	21,162	12,650	-	43,549	-
<u>OCEANIA</u>	117,366	19,917	17	228	71,315	19,689	2,485	-	43,549	-
Australia	5,944	4,142	-	-	5,469	4,142	-	-	475	-
New Zealand	52,441	11,528	-	-	52,346	11,528	-	-	95	-
Fiji	45,694	20	-	-	13,073	20	2,485	-	30,136	-
Tonga	64	2,817	-	-	64	2,817	-	-	-	-
Am.Samoa	12,939	1,182	-	-	96	1,182	-	-	12,843	-
New Caledonia	246	-	-	-	246	-	-	-	-	-
Tokelau	17	228	17	228	-	-	-	-	-	-
Kiribati	21	-	-	-	21	-	-	-	-	-
<u>AMERICA</u>	7,314	1,473	-	-	7,314	1,473	-	-	-	-
U.S.A	7,314	1,473	-	-	7,314	1,473	-	-	-	-
<u>ASIA</u>	16,398	-	-	-	6,233	-	10,165	-	-	-
China	2,755	-	-	-	649	-	2,106	-	-	-
Korea	11,495	-	-	-	5,418	-	6,077	-	-	-
Malaysia	296	-	-	-	-	-	296	-	-	-
Taiwan	265	-	-	-	-	-	265	-	-	-
Thailand	65	-	-	-	-	-	65	-	-	-
Japan	1,319	-	-	-	166	-	1,153	-	-	-
Phillipines	40	-	-	-	-	-	40	-	-	-
Singapore	157	-	-	-	-	-	157	-	-	-
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 - June 2016**

DWT Class of Vessel	<u>DWT CLASS OF VESSEL</u>										
	Total	100-499	500-999	1000-2999	3000-4999	5000-9999	10000-14999	15000-19999	20000-24999	25000-29999	30000+
Total No. of Ships	93	14	-	6	6	9	29	11	6	-	12
Total Tonnage	1,393,421	2,772	-	54,997	23,124	56,018	377,390	197,406	133,201	-	548,513
Panama											
No. of Ships	17	-	-	-	6	-	-	11	-	-	-
Total Tonnage	220,530	-	-	-	23,124	-	-	197,406	-	-	-
Singapore											
No. of Ships	33	-	-	4	-	-	25	-	-	-	4
Total Tonnage	551,275	-	-	51,911	-	-	322,833	-	-	-	176,531
Hong Kong											
No. of Ships	6	-	-	-	-	-	4	-	1	-	1
Total Tonnage	126,071	-	-	-	-	-	54,557	-	25,661	-	45,853
Antigua											
No. of Ships	5	-	-	-	-	5	-	-	-	-	-
Total Tonnage	33,450	-	-	-	-	33,450	-	-	-	-	-
Malta											
No. of Ships	5	-	-	-	-	-	-	-	5	-	-
Total Tonnage	107,540	-	-	-	-	-	-	-	107,540	-	-
Cook Island											
No. of Ships	18	14	-	-	-	4	-	-	-	-	-
Total Tonnage	25,340	2,772	-	-	-	22,568	-	-	-	-	-
Fiji											
No. of Ships	2	-	-	2	-	-	-	-	-	-	-
Total Tonnage	3,086	-	-	3,086	-	-	-	-	-	-	-
Bahamas											
No. of Ships	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	93,584	-	-	-	-	-	-	-	-	-	93,584
Denmark											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	50,800	-	-	-	-	-	-	-	-	-	50,800
China											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	45,790	-	-	-	-	-	-	-	-	-	45,790
Liberia											
No. of Ships	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	102,176	-	-	-	-	-	-	-	-	-	102,176
Marshall Island											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	33,779	-	-	-	-	-	-	-	-	-	33,779

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 BY TYPE OF VESSEL 1/

PORT : APIA

PERIOD : January - June 2016

Type of Vessels	Total	Jan	Feb	Mar	Apr	May	Jun
Total	93	12	18	18	12	17	16
General Cargo Vessel	16	-	4	2	3	4	3
Container Vessel	49	7	10	10	5	10	7
Roll On/Roll off	11	3	-	3	2	1	2
Mineral Oil Tanker	17	2	4	3	2	2	4

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

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 2016

Number of Calls	Type of Vessel				
	Total	General	Container	Roll on/	Mineral
		Cargo Vessel	Vessel	Roll off	Oil Tanker
Total					
Inward	82	11	46	11	14
Outward	44	10	34	-	-
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	-	-

Source: Samoa Bureau of Statistics

Data 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.

Eleven 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 2016

Number of Calls	<u>Type of Vessel</u>				
	Total	General Cargo Vessel	Container Vessel	Roll on/ Roll off	Mineral Oil Tanker
Total					
Inward	141,078	17	84,862	12,650	43,549
Outward	21,390	228	21,162	-	-
January					
Inward	19,113	-	13,497	2,488	3,128
Outward	3,010	-	3,010	-	-
February					
Inward	23,978	-	15,967	-	8,011
Outward	4,284	-	4,284	-	-
March					
Inward	18,057	3	9,341	2,836	5,877
Outward	2,837	51	2,786	-	-
April					
Inward	26,489	4	15,907	2,992	7,586
Outward	2,959	27	2,932	-	-
May					
Inward	23,886	6	16,104	1,762	6,014
Outward	2,812	103	2,709	-	-
June					
Inward	29,555	4	14,046	2,572	12,933
Outward	5,488	47	5,441	-	-

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.