



GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

Annual Shipping Statistics 2018

Highlights of the year 2018

- 276 international sea going vessels were accepted for tabulation consisted of one hundred and fifty nine (159) container vessels, ninety five (95) General Cargo Vessels, and twenty two (22) Mineral Oil Tankers.
- 233 vessels carried inward cargo
- 145 vessels returned with outward cargo

Overview

Number of vessels

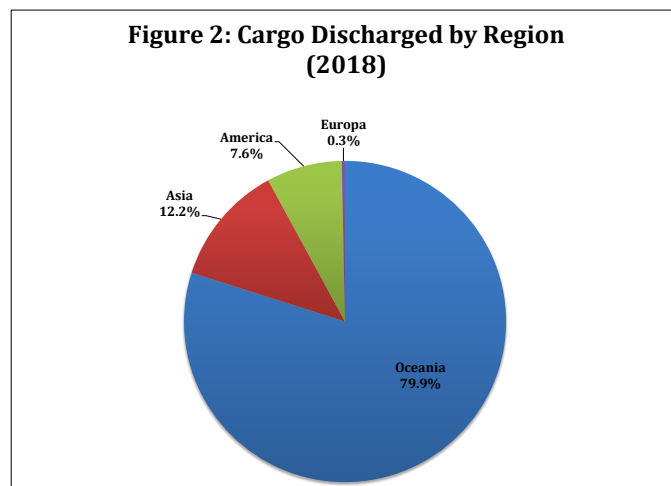
In 2018, there were five hundred and twenty three (523) international sea going vessels cleared at the port of Apia. Of the total, two hundred and seventy six (276) international sea going vessels accepted for tabulation. These were cargo vessels which consisted of one hundred and fifty nine (159) Container Vessels, ninety five (95) General Cargo Vessels, and twenty two (22) Mineral Oil Tankers. There were two hundred and forty seven (247) vessels excluded from the analysis because they do not have the required information. These vessels include Research/Naval, Yacht Cruise Ships and Fishing Vessels. 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	159	57.6
General Cargo Vessel	95	34.4
Mineral Oil Tanker	22	8.0
Total	276	100

Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that, two hundred and thirty three (233)¹ vessels discharged a combined total of 337 thousand metric tonnes of cargo, of which 79.9 percent (269 thousand metric tonnes) came from the Oceanic region (mostly from New Zealand and Fiji), 12.2 percent (41 thousand metric tonnes) came from Asia (mostly from Korea), 7.6 percent (26 thousand metric tonnes) came from the American region (mostly from USA) and 0.3 percent (1 thousand metric tonnes) came from Europe (mostly from Germany). See figure 2 and tables 3 & 6.



Source: Samoa Bureau of Statistics

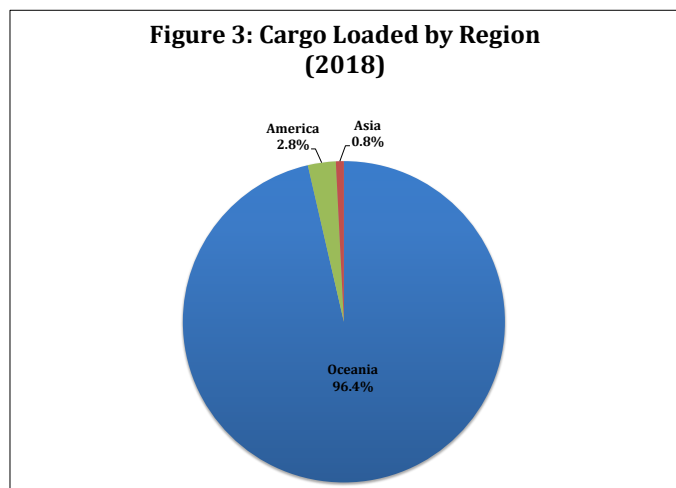
Cargo Loaded

There were one hundred and forty five (145)² vessels loaded a combined total of 51 thousand metric tonnes of cargo, of which 96.4 percent (49 thousand metric tonnes) were loaded for the Oceanic region (mostly to New Zealand), 2.8 percent (1 thousand metric tonnes) were loaded for the American region (all to USA) and the remaining 0.8 percent (4 hundred metric

¹ Refers to vessels that only had inward cargo

² Refers to vessels that only had outward cargo

tonnes) were loaded for the Asian region (mostly to Taiwan). See figure 3 and table 3.

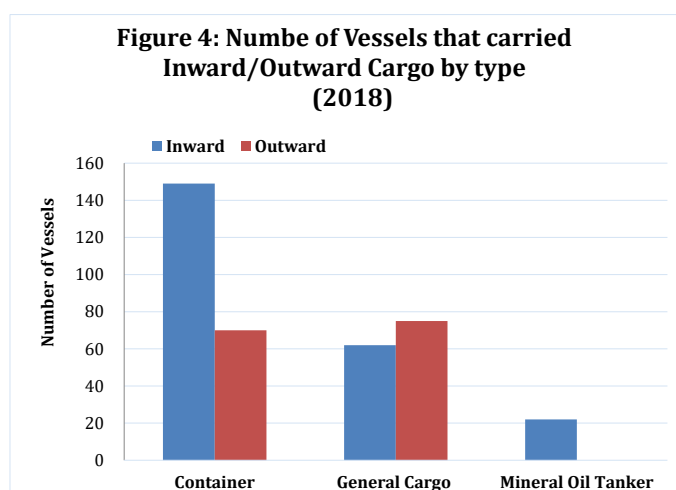


Source: Samoa Bureau of Statistics

Vessels carried inward/outward cargo

Of the two hundred and seventy six (276)³ vessels arrived, there were two hundred and thirty three (233) vessels carried inward cargo and one hundred and forty five (145) vessels returned with outward cargo.

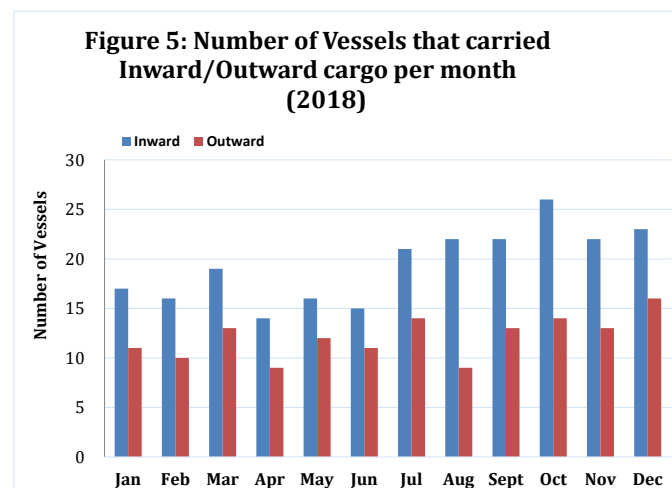
The 233 vessels that carried inward cargo consisted of 149 Container vessels, 62 General Cargo and 22 Mineral Oil Tankers vessels. The 145 vessels returned with outward cargo consisted of 70 Container vessels, (75) General Cargo vessels but no Mineral Oil Tankers returned with any outward cargo. Figure 4 depicts a clear comparison of vessels that carried inward and outward cargo for the year 2018.



Source: Samoa Bureau of Statistics

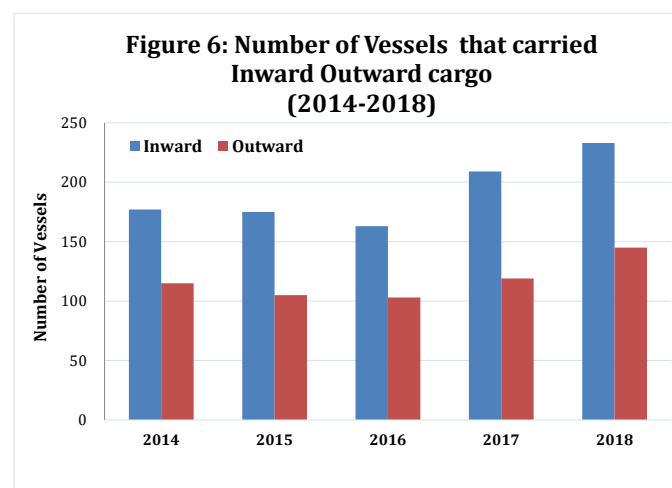
³ Refers to vessels that had the required information

The number of vessels that carried inward cargo in each month of 2018 ranged from 14-26, while vessels that loaded outward cargo ranged from 9-16. This is graphically illustrated in Figure 5.



Source: Samoa Bureau of Statistics

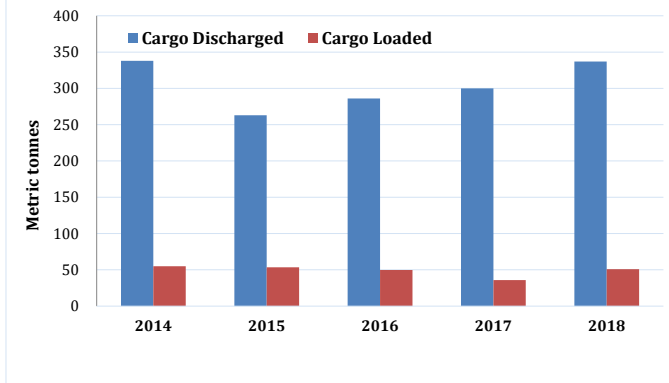
The total number of international sea going vessels⁴ that carried inward and outward cargo, and cargo loaded and discharged at the port of Apia for the last 5 years are graphically presented respectively below in Figure 6 and Figure 7.



Source: Samoa Bureau of Statistics

⁴ Refers to vessels that had inward/outward cargo

**Figure 7: Cargo Discharged/Loaded
(2014-2018)**



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.

Mr Leota Aliielua Salani

Acting Government Statistician/ (CEO)

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

Container Vessel

A vessel has been instant with cell guides to carry containers.

Mineral Oil Tanker vessel

A vessel designed and constructed to carry Mineral Oil-in-bulk.

General Cargo Container

A vessel designed and constructed to carry general cargoes.

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

PORT : APIA

PERIOD : JANUARY - DECEMBER 2018

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (000 metric tonnes)	NRT	DWT	No of Ship	GRT (000 metric tonnes)	NRT	DWT	No. of Ship	GRT (000 metric tonnes)	NRT	DWT	No of Ship	GRT (000 metric tonnes)	NRT	DWT
TOTAL	276	2,286.6	1,036.8	2,885.2	95	153.3	71.7	153.4	159	1,776.4	809.5	2,187.9	22	356.9	155.6	543.9
<u>OCEANIA</u>	102	222.2	98.3	285.5	90	88.0	31.7	85.1	9	45.0	21.6	50.4	3	89.2	45.0	150.0
Cook Island	92	100.0	36.8	89.3	83	55.0	15.2	38.9	9	45.0	21.6	50.4	-	-	-	-
Tonga	2	3.2	2.0	4.8	2	3.2	2.0	4.8	-	-	-	-	-	-	-	-
Tuvalu	4	5.2	2.0	2.4	4	5.2	2.0	2.4	-	-	-	-	-	-	-	-
Marshall Island	4	113.8	57.5	189.0	1	24.6	12.5	39.0	-	-	-	-	3	89.2	45.0	150.0
<u>EUROPE</u>	32	315.1	122.2	400.2	2	10.8	7.0	14.0	30	304.3	115.2	386.2	-	-	-	-
Portugal	21	121.7	48.5	154.7	2	10.8	7.0	14.0	19	110.9	41.5	140.7	-	-	-	-
Italy	6	108.9	40.2	138.0	-	-	-	-	6	108.9	40.2	138.0	-	-	-	-
Malta	5	84.5	33.5	107.5	-	-	-	-	5	84.5	33.5	107.5	-	-	-	-
<u>AMERICA</u>	36	492.8	281.0	551.9	3	54.5	33.0	54.3	30	374.3	216.6	397.2	3	64.0	31.4	100.4
Panama	23	417.5	243.1	459.6	3	54.5	33.0	54.3	17	299.0	178.7	304.9	3	64.0	31.4	100.4
Antigua	13	75.3	37.9	92.3	-	-	-	-	13	75.3	37.9	92.3	-	-	-	-
<u>AFRICA</u>	8	172.1	34.8	233.1	-	-	-	-	6	112.2	9.6	132.0	2	59.9	25.2	101.1
Liberia	8	172.1	34.8	233.1	-	-	-	-	6	112.2	9.6	132.0	2	59.9	25.2	101.1
<u>ASIA</u>	98	1,084.4	500.5	1,414.5	-	-	-	-	84	940.6	446.5	1,222.1	14	143.8	54.0	192.4
Singapore	64	601.3	263.6	787.2	-	-	-	-	53	546.3	247.1	732.2	11	55.0	16.5	55.0
Hong Kong	30	400.2	196.9	523.7	-	-	-	-	28	341.0	171.9	432.1	2	59.2	25.0	91.6
Japan	2	34.6	19.8	35.8	-	-	-	-	2	34.6	19.8	35.8	-	-	-	-
China	2	48.3	20.2	67.8	-	-	-	-	1	18.7	7.7	22.0	1	29.6	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 2018**

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (000 metric tonnes)	NRT	DWT	No of Ship	GRT (000 metric tonnes)	NRT	DWT	No. of Ship	GRT (000 metric tonnes)	NRT	DWT	No of Ship	GRT (000 metric tonnes)	NRT	DWT
TOTAL	276	2,286.6	1,036.8	2,885.2	95	153.3	71.7	153.4	159	1,776.4	809.5	2,187.9	22	356.9	155.6	543.9
OCEANIA	268	2,202.7	997.3	2,765.4	93	124.2	54.9	108.8	153	1,721.6	786.8	2,112.7	22	356.9	155.6	543.9
New Zealand	4	32.9	14.6	42.9	-	-	-	-	3	29.1	13.5	39.0	1	3.8	1.1	3.9
Fiji	56	465.7	239.9	526.0	5	10.2	4.4	8.0	44	420.5	225.0	483.0	7	35.0	10.5	35.0
New Caledonia	1	10.4	5.8	13.7	-	-	-	-	1	10.4	5.8	13.7	-	-	-	-
Tonga	12	201.9	57.5	239.2	-	-	-	-	12	201.9	57.5	239.2	-	-	-	-
Marshall Island	3	54.9	32.1	69.9	-	-	-	-	3	54.9	32.1	69.9	-	-	-	-
Tahiti	11	144.5	56.8	186.1	-	-	-	-	11	144.5	56.8	186.1	-	-	-	-
Am.Samoa	99	1,249.2	580.6	1,660.7	6	70.8	40.5	73.9	79	860.3	396.1	1,081.8	14	318.1	144.0	505.0
Tokelau	82	43.2	10.0	26.9	82	43.2	10.0	26.9	-	-	-	-	-	-	-	-
AMERICA	7	59.3	27.0	80.8	1	4.5	4.3	5.6	6	54.8	22.7	75.2	-	-	-	-
Hawaii	7	59.3	27.0	80.8	1	4.5	4.3	5.6	6	54.8	22.7	75.2	-	-	-	-
ASIA	1	24.6	12.5	39.0	1	24.6	12.5	39.0	-	-	-	-	-	-	-	-
China	1	24.6	12.5	39.0	1	24.6	12.5	39.0	-	-	-	-	-	-	-	-

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 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 2018**

REGION AND PORT LOADING/DISCHARGED	Total		General Cargo Vessel		Container Vessel		Mineral Oil Tanker	
	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
<u>TOTAL</u>	336,950	50,881	470	5,346	251,042	45,535	85,438	-
<u>OCEANIA</u>	269,259	49,049	469	5,346	183,352	43,703	85,438	-
Australia	9,023	3,108	-	-	7,908	3,108	1,115	-
New Zealand	128,999	32,516	-	-	128,999	32,516	-	-
Fiji	120,659	55	-	-	43,834	55	76,825	-
New Caledonia	8,637	30	-	-	1,139	30	7,498	-
Tonga	618	6,918	-	-	618	6,918	-	-
Marshall Island	64	-	-	-	64	-	-	-
Kiribati	46	-	-	-	46	-	-	-
Tahiti	403	-	-	-	403	-	-	-
Am Samoa	341	1,076	-	-	341	1,076	-	-
Tokelau	469	5,346	469	5,346	-	-	-	-
<u>AMERICA</u>	25,619	1,406	-	-	25,619	1,406	-	-
USA	20,866	1,406	-	-	20,866	1,406	-	-
Hawaii	4,753	-	-	-	4,753	-	-	-
<u>EUROPE</u>	1,095	-	-	-	1,095	-	-	-
Spain	4	-	-	-	4	-	-	-
Germany	1,091	-	-	-	1,091	-	-	-
<u>ASIA</u>	40,977	426	1	-	40,976	426	-	-
Korea	31,269	150	-	-	31,269	150	-	-
Japan	3,879	-	-	-	3,879	-	-	-
China	4,008	-	1	-	4,007	-	-	-
Taiwan	1,086	228	-	-	1,086	228	-	-
Thailand	100	48	-	-	100	48	-	-
Phillipine	384	-	-	-	384	-	-	-
Indonesia	3	-	-	-	3	-	-	-
Malaysia	175	-	-	-	175	-	-	-
Hong Kong	9	-	-	-	9	-	-	-
Singapore	45	-	-	-	45	-	-	-
Vietnam	19	-	-	-	19	-	-	-

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 2018**

	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	276	80	4	-	14	46	72	22	27	-	11
Total Tonnage	2,885,270	23,300	2,312	-	63,512	313,703	961,303	395,391	601,758	-	523,991
Cook Island											
No. of Ships	92	80	-	-	-	12	-	-	-	-	-
Total Tonnage	91,004	23,300	-	-	-	67,704	-	-	-	-	-
Tuvalu											
No. of Ships	4	-	4	-	-	-	-	-	-	-	-
Total Tonnage	2,312	-	2,312	-	-	-	-	-	-	-	-
Marshall Island											
No. of Ships	4	-	-	-	-	-	-	-	-	-	4
Total Tonnage	188,970	-	-	-	-	-	-	-	-	-	188,970
Tonga											
No. of Ships	2	-	-	-	2	-	-	-	-	-	-
Total Tonnage	4,866	-	-	-	4,866	-	-	-	-	-	-
Panama											
No. of Ships	23	-	-	-	1	-	-	20	-	-	2
Total Tonnage	459,933	-	-	-	3,854	-	-	359,559	-	-	96,520
Antigua & Barbuda											
No. of Ships	25	-	-	-	-	25	-	-	-	-	-
Total Tonnage	191,418	-	-	-	-	191,418	-	-	-	-	-
Portugal											
No. of Ships	9	-	-	-	-	9	-	-	-	-	-
Total Tonnage	54,581	-	-	-	-	54,581	-	-	-	-	-
Malta											
No. of Ships	9	-	-	-	-	-	-	9	-	-	-
Total Tonnage	198,951	-	-	-	-	-	-	198,951	-	-	-
Hong Kong											
No. of Ships	37	-	-	-	-	-	22	-	13	-	2
Total Tonnage	677,350	-	-	-	-	-	299,352	-	286,416	-	91,582
Singapore											
No. of Ships	64	-	-	-	11	-	50	-	3	-	-
Total Tonnage	786,532	-	-	-	54,792	-	661,951	-	69,789	-	-
Japan											
No. of Ships	2	-	-	-	-	-	-	2	-	-	-
Total Tonnage	35,832	-	-	-	-	-	-	35,832	-	-	-
China											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	45,841	-	-	-	-	-	-	-	-	-	45,841
Liberia											
No. of Ships	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	101,078	-	-	-	-	-	-	-	-	-	101,078
Germany											
No. of Ships	2	-	-	-	-	-	-	-	2	-	-
Total Tonnage	46,602	-	-	-	-	-	-	-	46,602	-	-

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 2018**

Period	<u>Type of Vessel</u>			TOTAL
	General Cargo Vessel	Container Vessel	Mineral Oil Tanker	
TOTAL	87	167	22	276
January	6	12	2	20
February	5	11	2	18
March	8	14	2	24
April	5	13	2	20
May	6	14	2	22
June	6	12	1	19
July	10	13	2	25
August	7	16	2	25
September	7	13	2	22
October	9	17	2	28
November	8	17	2	27
December	10	15	1	26

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 2018

Period	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
TOTAL				
Inward	233	62	149	22
Outward	145	75	70	-
January				
Inward	17	3	12	2
Outward	11	5	6	-
February				
Inward	16	4	10	2
Outward	10	5	5	-
March				
Inward	19	4	13	2
Outward	13	7	6	-
April				
Inward	14	1	11	2
Outward	9	3	6	-
May				
Inward	16	2	12	2
Outward	12	5	7	-
June				
Inward	15	3	11	1
Outward	11	5	6	-
July				
Inward	21	8	11	2
Outward	14	8	6	-
August				
Inward	22	4	16	2
Outward	9	4	5	-
September				
Inward	22	7	13	2
Outward	13	7	6	-
October				
Inward	26	8	16	2
Outward	14	9	5	-
November				
Inward	22	8	12	2
Outward	13	7	6	-
December				
Inward	23	10	12	1
Outward	16	10	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 7. INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPES OF VESSEL 1/

PORT : APIA

PERIOD : JANUARY - DECEMBER 2018

Period	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
Total				
Inward	336,950	470	251,042	85,438
Outward	50,881	5,346	45,535	-
January				
Inward	27,104	19	19,791	7,294
Outward	3,675	1,015	2,660	-
February				
Inward	25,399	24	16,070	9,305
Outward	12,640	92	12,548	-
March				
Inward	23,534	20	14,808	8,706
Outward	3,038	1,044	1,994	-
April				
Inward	30,847	5	23,224	7,618
Outward	2,660	221	2,439	-
May				
Inward	23,729	9	16,229	7,491
Outward	2,743	374	2,369	-
June				
Inward	22,615	8	22,487	120
Outward	2,936	545	2,391	-
July				
Inward	25,040	65	17,936	7,039
Outward	3,892	398	3,494	-
August				
Inward	30,584	35	21,434	9,115
Outward	4,089	214	3,875	-
September				
Inward	35,661	153	26,496	9,012
Outward	3,585	183	3,402	-
October				
Inward	31,912	56	23,086	8,770
Outward	4,090	558	3,532	-
November				
Inward	35,655	39	24,788	10,828
Outward	3,705	409	3,296	-
December				
Inward	24,870	37	24,693	140
Outwards	3,828	293	3,535	-

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.