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GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

Annual Shipping Statistics 2019

Highlights of the year 2019

- The total number of international sea vessels accepted for tabulation was 268 which consisted of 159 container vessels, 85 General Cargo Vessels and 24 Mineral Oil Tankers.
- 255 vessels carried inward cargo
- 203 vessels returned with outward cargo

Overview

Number of vessels

In 2019, 695 international sea vessels were cleared at the port of Apia. Of the total, 268 international sea vessels were accepted for tabulation. These consisted of 159 Container Vessels, 85 General Cargo Vessels and 24 Mineral Oil Tankers. There were 427 vessels excluded from the analysis as they did not have the required information. These vessels include Research/Naval, Yacht Cruise Ships and Fishing Vessels.

See figure 1 and tables 1&2.

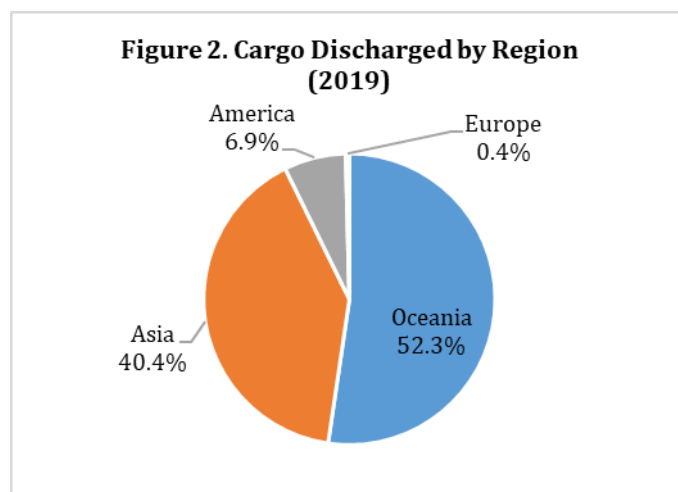
Figure 1. Number of vessels by type and percentage

Type of Vessel	Number of Vessels	Percentage
Total	268	100
Container Vessel	159	59.3
General Cargo Vess	85	31.7
Mineral Oil Tanker	24	9.0

Cargo Discharged (Inward)

The analysis of cargo discharged at the port of Apia indicated that two hundred and fifty five (255)¹ vessels discharged a combined total of 389,027 metric tonnes of cargo, of which 52.3 percent (203,633 metric tonnes) came from the Oceanic region (mostly from New Zealand) 40.4 percent (157,120 metric tonnes) came from the Asia region (mostly from Singapore), 6.9 percent (26,737 metric tonnes) came from the America region (mostly mainland USA) and 0.4 percent (1,537 metric tonnes) came from Europe (mostly from Poland).

See figure 2 and tables 3 & 6.



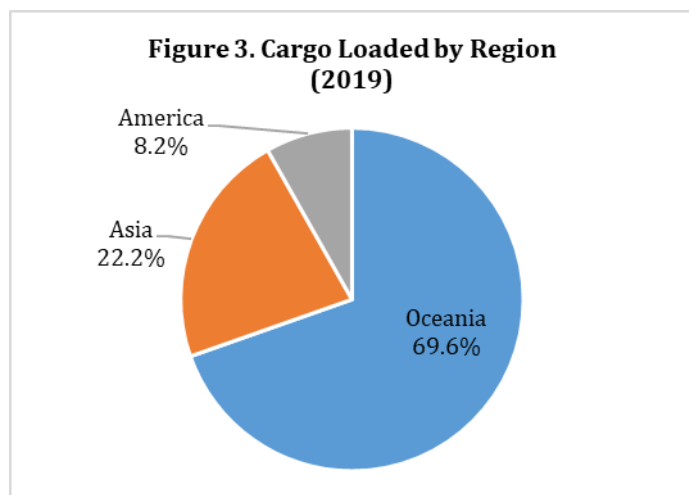
Source: Samoa Bureau of Statistics

Cargo Loaded (Outward)

203 vessels loaded a combined total of 75,292 metric tonnes of cargo of which 69.6 percent (52,421 metric tonnes) were loaded for the Oceanic region (mostly to New Zealand), 22.2 percent (16,698 metric tonnes) were loaded for the Asia region (mostly to Taiwan) and 8.2

¹ Refers to vessels that only had inward cargo

percent (6,173 metric tonnes) were loaded for the America region (mostly to Hawaii). See figure 3 and table 3.



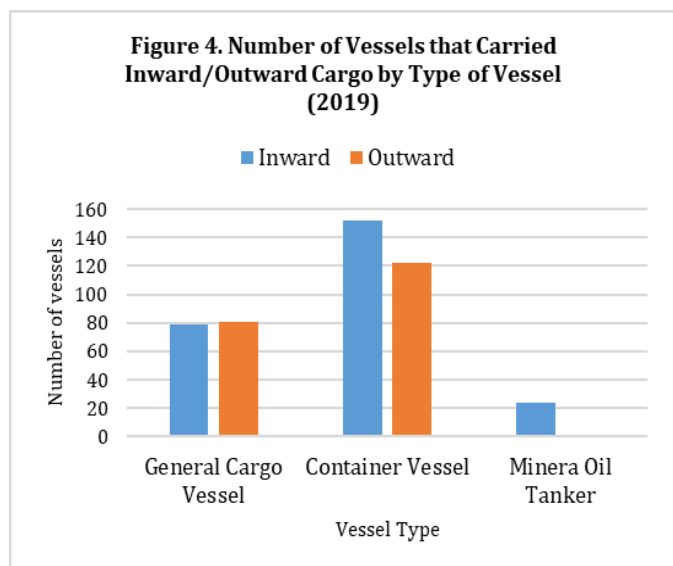
Source: Samoa Bureau of Statistics

Vessels that carried inward/outward cargo

Of the (268)² vessels that arrived, 255 vessels carried inward cargo and 203 vessels returned with outward cargo.

The 255 vessels that carried inward cargo consisted of 152 Container vessels, 79 General Cargo and 24 Mineral Oil Tankers vessels. The 203 vessels that returned with outward cargo consisted of 122 Container vessels, 81 General Cargo vessels.

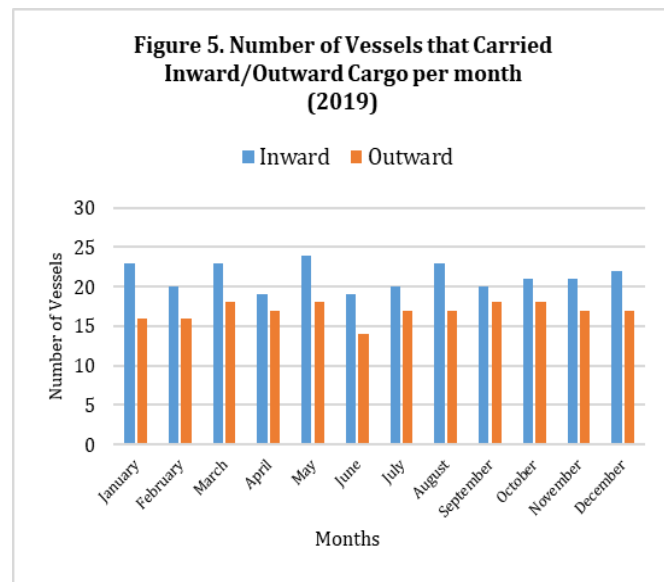
Figure 4 depicts a clear comparison of vessels that carried inward and outward cargo for the year 2019.



Source: Samoa Bureau of Statistics

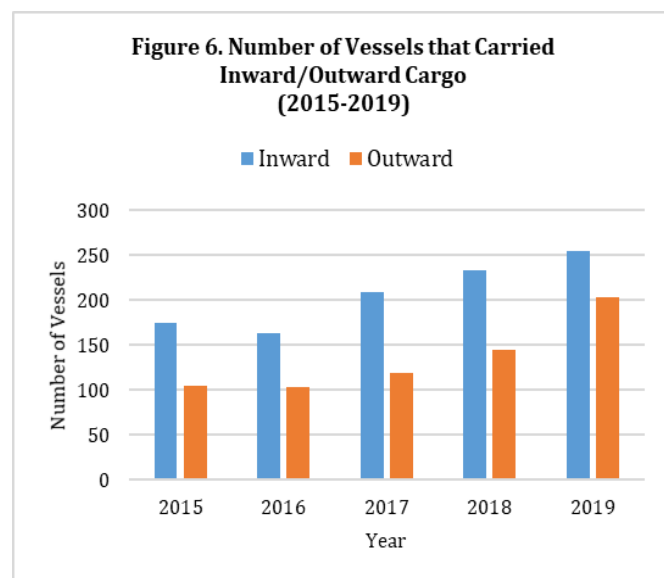
² Refers to vessels that had the required information

The number of vessels that carried inward cargo in each month of 2019 ranged from 19-24, while vessels that loaded outward cargo ranged from 14-18. This is graphically illustrated in Figure 5.



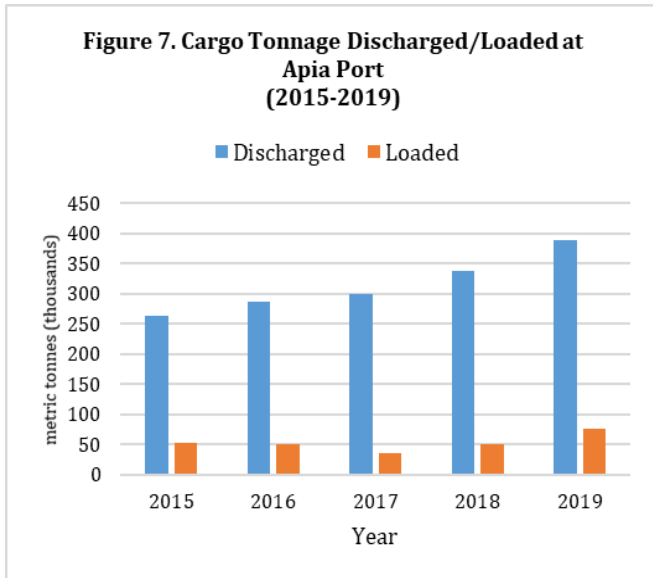
Source: Samoa Bureau of Statistics

The total number of international sea vessels³ that carried inward and outward cargo, and the total tonnage of cargo discharged and loaded 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

³ Refers to vessels that had inward/outward cargo



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.

Aliimuamua Malaefono Tauā-T Faasalaina
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 cargo.

**Table 1: ARRIVAL OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/
PORT : APIA
PERIOD: January - December 2019**

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT
TOTAL	268	2,250.2	1,035.5	2,848.8	85	44.5	12.0	26.6	159	1,819.0	868.6	2,222.9	24	386.8	154.9	599.3
Oceania	97	133.5	54.0	142.8	84	43.5	11.4	25.1	12	60.3	29.1	67.7	1	29.7	13.4	50.0
Cook Island	94	101.1	39.6	91.6	82	40.8	10.5	23.9	12	60.3	29.1	67.7	-	-	-	-
Marshall Island	1	29.7	13.4	50.0	-	-	-	-	-	-	-	-	1	29.7	13.4	50.0
Tuvalu	2	2.7	1.0	1.2	2	2.7	1.0	1.2	-	-	-	-	-	-	-	-
America	59	663.0	367.2	756.8	1	1.0	0.5	1.6	55	626.9	352.7	701.8	3	35.1	14.0	53.4
Panama	26	438.6	254.0	466.3	-	-	-	-	23	403.5	240.0	412.8	3	35.1	14.0	53.4
Saint John	10	90.6	45.3	126.7	1	1.0	0.5	1.6	9	89.6	44.8	125.2	-	-	-	-
Antigua & Barbuda	23	133.8	67.9	163.8	-	-	-	-	23	133.8	67.9	163.8	-	-	-	-
Asia	88	959.2	446.2	1,257.0	-	-	-	-	74	815.2	392.9	1,060.9	14	144.0	53.3	196.0
Hong Kong	38	493.5	244.0	640.0	-	-	-	-	36	434.3	219.0	548.5	2	59.2	24.9	91.6
Singapore	50	465.7	202.3	616.9	-	-	-	-	38	380.8	173.9	512.4	12	84.9	28.4	104.5
Europe	11	185.8	73.9	236.6	-	-	-	-	11	185.8	73.9	236.6	-	-	-	-
Malta	11	185.8	73.9	236.6	-	-	-	-	11	185.8	73.9	236.6	-	-	-	-
Africa	13	308.7	94.2	455.7	-	-	-	-	7	130.8	20.0	155.9	6	177.9	74.1	299.8
Liberia	7	142.3	23.4	183.3	-	-	-	-	6	112.3	9.8	132.2	1	29.9	13.6	51.1
Monrovia	6	166.4	70.8	272.4	-	-	-	-	1	18.5	10.3	23.7	5	147.9	60.5	248.7

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.

**Table 2: DEPARTEURE OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/
PORT : APIA
PERIOD: January - December 2019**

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT (metric tonnes)	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT (metric tonnes)	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT (metric tonnes)	No of Ship	GRT (metric tonnes)	NRT (metric tonnes)	DWT (metric tonnes)
TOTAL	268	2,250.2	1,035.5	2,848.8	85	44.5	12.0	26.6	159	1,819.0	868.6	2,222.9	24	386.8	154.9	599.3
Oceania	268	2,250.2	1,035.5	2,848.8	85	44.5	12.0	26.6	159	1,819.0	868.6	2,222.9	24	386.8	154.9	599.3
Tokelau	82	40.8	10.5	23.9	82	40.8	10.5	23.9	-	-	-	-	-	-	-	-
Marshall Island	1	18.3	10.7	23.3	-	-	-	-	1	18.3	10.7	23.3	-	-	-	-
Fiji	97	905.2	468.2	1,045.1	3	3.7	1.5	2.7	80	811.5	436.3	930.7	14	89.9	30.4	111.7
New Zealand	2	19.5	9.9	26.0	-	-	-	-	2	19.5	9.9	26.0	-	-	-	-
Tonga	12	211.0	49.7	247.3	-	-	-	-	12	211.0	49.7	247.3	-	-	-	-
Am Samoa	49	692.7	329.8	984.2	-	-	-	-	41	453.5	232.1	594.5	8	239.2	97.7	389.7
Tahiti	23	305.2	129.9	401.1	-	-	-	-	23	305.2	129.9	401.1	-	-	-	-
Australia	2	57.6	26.7	97.9	-	-	-	-	-	-	-	-	2	57.6	26.7	97.9

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

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 2019

Region and Port of Loading / Discharged	Total		General Cargo Vessel		Container Vessel		Mineral Oil Tanker Vessel	
	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
TOTAL	389,027	75,292	770	4,415	296,753	70,963	91,505	-
Oceania	203,633	52,421	770	4,415	201,183	48,092	1,680	-
American Samoa	1,182	3,923	-	-	1,182	3,923	-	-
Australia	10,577	2,418	-	-	8,897	2,418	1,680	-
Cook Island	4	5,221	-	-	4	5,221	-	-
Fiji	54,803	1,429	-	-	54,803	1,429	-	-
French Polynesia	1,228	-	-	-	1,228	-	-	-
Kiribati	57	608	-	-	57	608	-	-
Marshall Island	18	-	-	-	18	-	-	-
New Caledonia	1,697	16	-	-	1,697	16	-	-
New Zealand	132,661	18,420	-	-	132,661	18,420	-	-
Niue	-	15	-	-	-	15	-	-
Solomon	5	-	-	-	5	-	-	-
Tonga	600	15,956	-	-	600	15,956	-	-
Tokelau	770	4,415	770	4,415	-	-	-	-
Tuvalu	-	-	-	-	-	4	-	-
Vanuatu	27	-	-	-	27	82	-	-
FSM	3	-	-	-	3	-	-	-
America	26,737	6,173	-	-	26,737	6,173	-	-
Hawaii	5,974	4,849	-	-	5,974	4,849	-	-
USA	20,763	1,324	-	-	20,763	1,324	-	-
Europe	1,537	-	-	-	1,537	-	-	-
Belgium	16	-	-	-	16	-	-	-
Poland	1,521	-	-	-	1,521	-	-	-
Asia	157,120	16,698	-	-	67,295	16,698	89,825	-
China	3,381	2,607	-	-	3,381	2,607	-	-
Georgia	279	-	-	-	279	-	-	-
Japan	27,027	1,201	-	-	27,027	1,201	-	-
Korea	33,292	1,130	-	-	33,292	1,130	-	-
Malaysia	412	-	-	-	412	-	-	-
Philippines	24	-	-	-	24	-	-	-
Singapore	89,825	689	-	-	-	689	89,825	-
Taiwan	2,488	5,224	-	-	2,488	5,224	-	-
Thailand	247	2,817	-	-	247	2,817	-	-
Vietnam	-	92	-	-	-	92	-	-
Hong Kong	3	24	-	-	3	24	-	-
Bangladesh	-	2,911	-	-	-	2,911	-	-
Indonesia	1	-	-	-	1	-	-	-
India	141	-	-	-	141	-	-	-

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

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 2019

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	268	82	2	1	14	35	73	23	27	-	11
Total Tonnage	2,848,767	23,924	1,156	1,559	67,000	231,454	981,595	412,838	591,984	-	537,257
Antigua & Barbuda											
No.of Ships	24	-	-	1	-	23	-	-	-	-	-
Total Tonnage	165,309	-	-	1559	-	163,750	-	-	-	-	-
Cook Island											
No. of Ships	94	82	-	-	-	12	-	-	-	-	-
Total Tonnage	91,628	23,924	-	-	-	67,704	-	-	-	-	-
Hong Kong											
No. of Ships	44	-	-	-	1	-	27	-	14	-	2
Total Tonnage	772,240	-	-	-	4,980	-	367,231	-	308,448	-	91,581
Liberia											
No. of ship	7	-	-	-	-	-	-	-	1	-	6
Total Tonnage	323,508	-	-	-	-	-	-	-	23,685	-	299,823
Malta											
No.of Ship	11	-	-	-	-	-	-	-	11	-	-
Total Tonnage	236,588	-	-	-	-	-	-	-	236,588	-	-
Panama											
No. of Ship	26	-	-	-	2	-	-	23	-	-	1
Total Tonnage	466,254	-	-	-	7240	-	-	412,838	-	-	46176
Singapore											
No. of Ship	59	-	-	-	11	-	46	-	1	-	1
Total Tonnage	742,094	-	-	-	54,780	-	614,364	-	23,263	-	49687
Tuvalu											
No. of Ship	2	-	2	-	-	-	-	-	-	-	-
Total Tonnage	1156	-	1156	-	-	-	-	-	-	-	-
Marshall Island											
No. of Ship	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	49,990	-	-	-	-	-	-	-	-	-	49,990

Source : Samoa Bureau of Statistics

Data Source : Samoa Ports Authority, Shipping Agents

1/: Provision Figures

- : Nil

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 - December 2019**

PERIOD	TYPE OF VESSEL			
	GENERAL CARGO	CONTAINER	TANKERS	TOTAL
Annually				
2018	87	167	22	276
2019	85	159	24	268
Six months				
Jan 18 - Jun 18	36	76	11	123
Jul 18 - Dec 18	51	91	11	153
Jan 19 - Jun 19	40	79	11	130
Jul 19 - Dec 19	45	80	13	138
Monthly				
2018				
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
2019				
January	7	13	3	23
February	7	12	2	21
March	7	15	2	24
April	7	11	1	19
May	7	15	2	24
June	5	13	1	19
July	8	12	2	22
August	6	16	2	24
September	7	15	2	24
October	7	14	3	24
November	8	11	2	21
December	9	12	2	23

Source : Samoa Bureau of Statistics

Data Source : Samoa Ports Authority, Shipping Agents

1/: Provisional Figures

- : Nil

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 1/
 PORT : APIA
 PERIOD: January - December 2019**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
Total				
Inward	255	79	152	24
Outward	203	81	122	-
January				
Inward	23	7	13	3
Outward	16	7	9	-
February				
Inward	20	6	12	2
Outward	16	6	10	-
March				
Inward	23	7	14	2
Outward	18	7	11	-
April				
Inward	19	7	11	1
Outward	17	7	10	-
May				
Inward	24	7	15	2
Outward	18	7	11	-
June				
Inward	19	5	13	1
Outward	14	5	9	-
July				
Inward	20	6	12	2
Outward	17	6	11	-
August				
Inward	23	6	15	2
Outward	17	5	12	-
September				
Inward	20	6	12	2
Outward	18	7	11	-
October				
Inward	21	5	13	3
Outward	18	7	11	-
November				
Inward	21	8	11	2
Outward	17	8	9	-
December				
Inward	22	9	11	2
Outward	17	9	8	-

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.

Table 7: INWARD/OUTWARD CARGO (in metri tonnes) FLOW PER MONTH BY TYPE OF VESSELS 1/

PORT : APIA

PERIOD: January - December 2019

Number of Vessels	<u>Type of Vessel</u>			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
Total				
Inward	389,027	769	296,753	91,505
Outward	75,378	4,415	70,963	-
January				
Inward	20,561	24	18,848	1,689
Outward	4,428	323	4,106	-
February				
Inward	27,649	44	19,720	7,884
Outward	3,839	611	3,228	-
March				
Inward	30,577	86	21,181	9,311
Outward	6,690	439	6,251	-
April				
Inward	54,477	72	46,193	8,212
Outward	6,977	275	6,702	-
May				
Inward	33,426	70	25,075	8,281
Outward	8,683	316	8,367	-
June				
Inward	23,680	11	23,529	140
Outward	6,780	502	6,278	-
July				
Inward	31,246	73	19,581	11,592
Outward	5,063	272	4,791	-
August				
Inward	34,614	82	22,892	11,640
Outward	8,944	94	8,850	-
September				
Inward	35,305	46	26,552	8,707
Outward	8,112	290	7,822	-
October				
Inward	28,728	55	26,692	1,981
Outward	8,405	464	7,941	-
November				
Inward	34,656	107	23,305	11,243
Outward	2,952	371	2,581	-
December				
Inward	34,107	98	23,184	10,825
Outward	4,505	459	4,046	-

Source : Samoa Bureau of Statistics

Data Source: Samoa Ports Authority, Shipping Agents

1/ : Provisional Figures

- : Nil

Note : A vessel may call in more than once and its subsequent calls are counted as separate vessels.