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GOVERNMENT OF SAMOA

SAMOA BUREAU OF STATISTICS

Annual Shipping Statistics 2021

Highlights of the year 2021

- 196 international sea going vessels were accepted for tabulation which consisted of 122 container vessels, 52 General Cargo Vessels, and 22 Mineral Oil Tankers.
- 176 vessels carried inward cargo
- 132 vessels returned with outward cargo

Overview

Number of vessels

In 2021, there were 323 international sea going vessels cleared at the port of Apia. Of the total, 196 international sea going vessels were accepted for tabulation. These consisted of 122 Container Vessels, 52 General Cargo Vessels, and 22 Mineral Oil Tankers. There were 127 vessels excluded from the analysis because they did not have the required information. These vessels included Research/Naval, Yacht Cruise Ships and Fishing Vessels.

See figure 1 and tables 1&2.

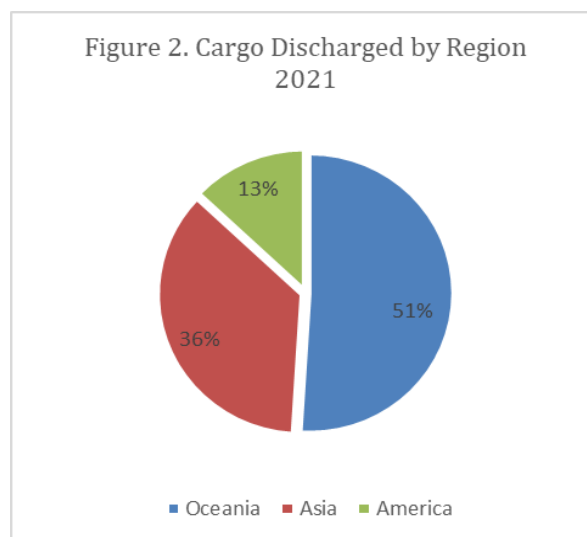
Type of Vessel	Number of Vessels	Percentage
Total	323	100%
Container Vessel	122	38%
General Cargo Vessel	52	16%
Mineral Oil Tanker	22	7%
Vessels excluded	127	39%

Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that 176¹ vessels discharged a combined total of 337,378 thousand metric tonnes of cargo, of which 51 percent (179,155 metric tonnes) came from the Oceania region (mostly from New Zealand and Fiji), 36 percent (121,697 metric tonnes) came from the Asia region (mostly from Singapore and Korea), 13 percent (44,415 metric

tonnes) came from the America region (mostly from the USA).

See figure 2 and tables 3 & 6.



Source: Samoa Bureau of Statistics

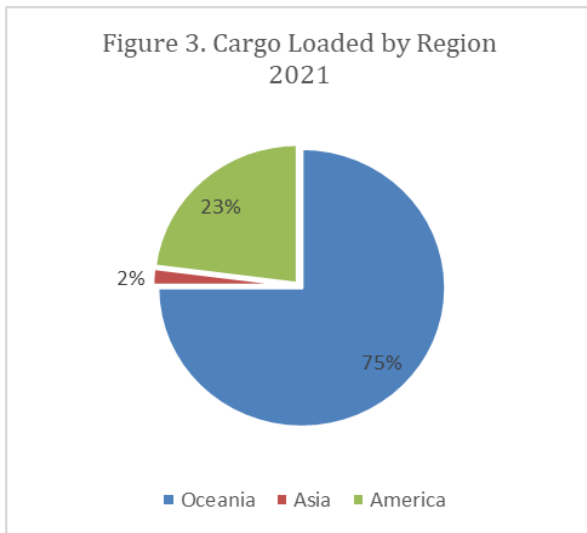
Cargo Loaded

There were 132² vessels that loaded a combined total of 187,701 metric tonnes of cargo, of which 75 percent (140,510 metric tonnes) were loaded for the Oceania region (mostly to Tonga and New Zealand), 23 percent (7,250 metric tonnes) were loaded for the America region (all to the USA) and the remaining 2 percent (4,409 metric tonnes) were loaded for the Asia region (mostly to China, Korea and Thailand).

See figure 3, tables 3, 6 & 7.

¹ Refers to vessels that only had inward cargo

² Refers to vessels that only had outward cargo



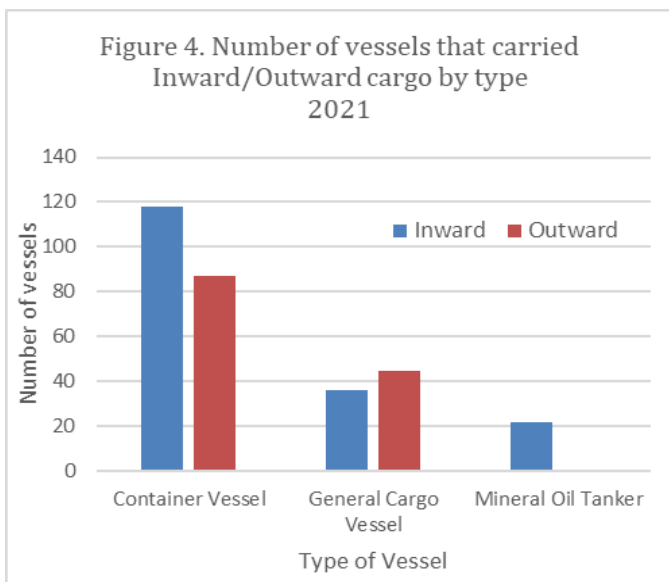
Source: Samoa Bureau of Statistics

Vessels that carried inward/outward cargo

Of the 196³ vessels that arrived, 176 carried inward cargo and 132 vessels returned with outward cargo.

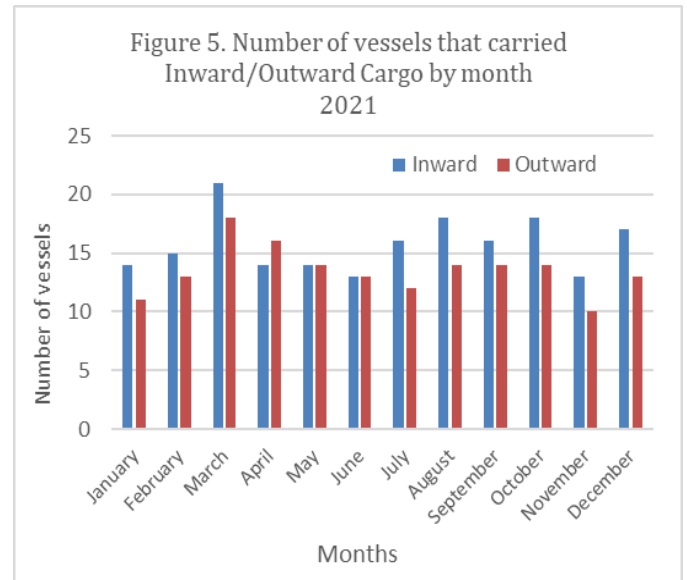
The 176 vessels that carried inward cargo consisted of 118 Container vessels, 36 General Cargo and 22 Mineral Oil Tanker vessels. The 132 vessels that returned with outward cargo consisted of 87 Container vessels and 45 General Cargo vessels.

See figure 4 and Table 6



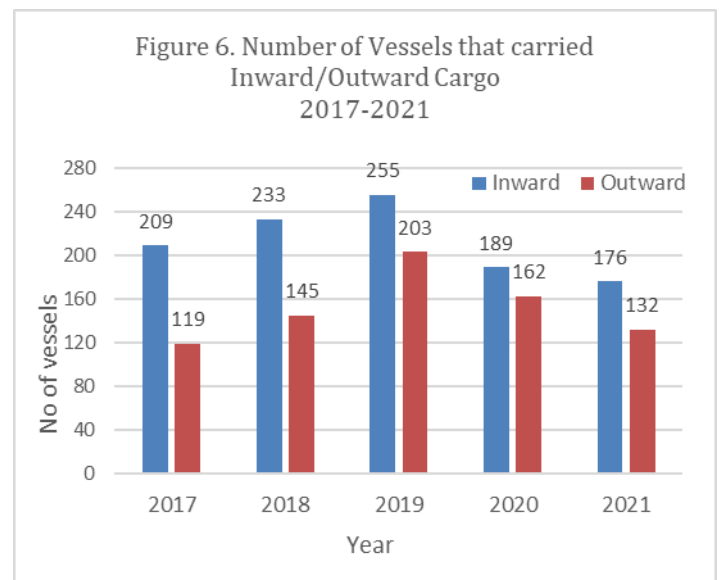
Source: Samoa Bureau of Statistics

The number of vessels that carried inward cargo in 2021 ranged from 13-18, while vessels that loaded outward cargo ranged from 9-14. 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, 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.

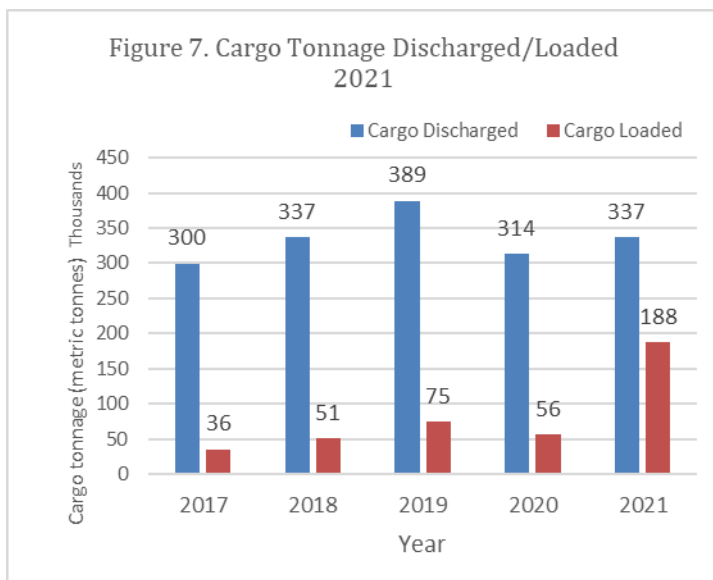


Source: Samoa Bureau of Statistics

³ Refers to vessels that had the required information

⁴ Refers to vessels that had inward/outward cargo

Figure 7. Cargo Tonnage Discharged/Loaded
2021



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.

Ta'ala Lillianetelani Hennemann Leleimalefaga
Acting 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

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 2021

Country of Origin	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ship	GRT	NRT (000 mt)	DWT	No of Ship	GRT	NRT (000 mt)	DWT	No of Ship	GRT	NRT (000 mt)	DWT	No of Ship	GRT	NRT (000 mt)	DWT
TOTAL	196	1801.6	847.0	2183.9	52	25.9	6.7	15.5	122	1532.8	735.4	1798.3	22	243.0	104.9	370.1
Oceania	65	140.6	65.8	177.9	52	25.9	6.7	15.5	11	55.3	26.7	62.1	2	59.5	32.4	100.3
Cook Island	63	81.1	33.4	77.6	52	25.9	6.7	15.5	11	55.3	26.7	62.1	-	-	-	-
Marshall Island	2	59.455	32.435	100.312	-	-	-	-	-	-	-	-	2	59.5	32.4	100.3
America	47	614.0	337.4	652.0	-	-	-	-	45	608.9	335.4	644.8	2	5.1	2.0	7.2
Panama	24	392.9	234.3	401.9	-	-	-	-	22	387.8	232.3	394.7	2	5.1	2.0	7.2
Antigua & Barbuda	23	221.2	103.1	250.1	-	-	-	-	23	221.2	103.1	250.1	-	-	-	-
Asia	68	758.2	356.9	983.0	-	-	-	-	51	609.7	298.0	770.4	17	148.5	58.9	212.6
Hong Kong	23	360.4	165.9	470.8	-	-	-	-	21	301.4	141.8	374.5	2	59.0	24.0	96.3
Singapore	44	395.0	190.0	509.6	-	-	-	-	30	308.3	156.2	395.9	14	86.7	33.9	113.7
China	1	2.8	1.0	2.6	-	-	-	-	-	-	-	-	1	2.8	1.0	2.6
Europe	6	101.3	40.3	129.0	-	-	-	-	6	101.3	40.3	129.0	-	-	-	-
Malta	6	101.3	40.3	129.0	-	-	-	-	6	101.3	40.3	129.0	-	-	-	-
Africa	10	187.5	46.5	241.9	-	-	-	-	9	157.6	35.0	191.9	1	29.9	11.6	50.0
Liberia	10	187.5	46.5	241.9	-	-	-	-	9	157.6	35.0	191.9	1	29.9	11.6	50.0

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: DEPARTURE OF VESSELS BY TYPE AND COUNTRY OF DESTINATION 1/

PORT : APIA

PERIOD: January - December 2021

Country of Destination	TOTAL				General Cargo Vessel				Container Vessel				Mineral Oil Tanker			
	No of Ships	GRT	NRT (000 mt)	DWT	No of Ships	GRT	NRT (000 mt)	DWT	No of Ships	GRT	NRT (000 mt)	DWT	No of Ships	GRT	NRT (000 mt)	DWT
TOTAL	196	1801.6	847.0	2183.9	52	25.9	6.7	15.5	122	1532.8	735.4	1798.3	22	243.0	104.9	370.1
Oceania	196	1801.6	847.0	2183.9	52	25.9	6.7	15.5	122	1532.8	735.4	1798.3	22	243.0	104.9	370.1
Tokelau	52	25.9	6.7	15.5	52	25.9	6.7	15.5	-	-	-	-	-	-	-	-
Fiji	102	1064.3	554.1	1223.7	-	-	-	-	86	972.5	518.3	1102.7	16	91.8	35.9	121.0
Tonga	14	220.3	66.8	268.1	-	-	-	-	14	220.3	66.8	268.1	-	-	-	-
Am Samoa	22	389.9	179.1	547.5	-	-	-	-	16	238.7	110.0	298.3	6	151.2	69.0	249.2
French Polynesia	6	101.3	40.3	129.0	-	-	-	-	6	101.3	40.3	129.0	-	-	-	-

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 DISCHARGE 1/
PORT : APIA
PERIOD: January - December 2021**

Region and Port of Loading / Discharged	Total		General Cargo Vessel		Container Vessel		Mineral Oil Tanker Vessel		Transshipment	
	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward	Inward	Outward
TOTAL	337,378	187,701	492	1,973	221,132	114,013	78,910	-	36,845	71,715
Oceania	171,155	140,510	492	1,973	150,702	74,423	1,760	-	18,201	64,114
American Samoa	201	2,487	-	-	197	2,483	-	-	4	4
Australia	5,106	2,572	-	-	3,277	1,411	1,760	-	68	1,161
Cook Island	357	3,815	-	-	3	3,067	-	-	355	748
Fiji	73,863	39,515	-	-	69,468	39,058	-	-	4,395	457
French Polynesia	62	-	-	-	29	-	-	-	33	-
Kiribati	63	-	-	-	-	-	-	-	63	-
New Caledonia	13,886	256	-	-	7,871	19	-	-	6,015	236
New Zealand	71,751	14,949	-	-	69,301	12,850	-	-	2,450	2,099
Tonga	5,228	74,570	-	-	534	15,315	-	-	4,693	59,255
Tokelau	492	1,973	492	1,973	-	-	-	-	-	-
Vanuatu	136	167	-	-	21	150	-	-	115	17
Niue	-	7	-	-	-	7	-	-	-	-
Nauru	10	152	-	-	-	18	-	-	10	134
Papua New Guinea	-	48	-	-	-	46	-	-	-	3
America	44,415	42,782	-	-	26,280	35,274	-	-	18,135	7,508
USA	43,658	42,782	-	-	26,280	35,274	-	-	17,377	7,508
Hawaii	757	-	-	-	-	-	-	-	757	-
Europe	111	-	-	-	111	-	-	-	-	-
Belgium	111	-	-	-	111	-	-	-	-	-
Asia	121,697	4,409	-	-	44,038	4,316	77,150	-	509	93
Bangladesh	-	657	-	-	-	657	-	-	-	-
China	4,627	1,717	-	-	4,135	1,675	-	-	492	42
Japan	3,264	170	-	-	3,247	170	-	-	16	-
Korea	26,837	189	-	-	26,837	189	-	-	-	-
Hong Kong	806	43	-	-	806	43	-	-	-	-
Malaysia	574	-	-	-	574	-	-	-	-	-
Indonesia	13	-	-	-	13	-	-	-	-	-
Singapore	80,244	149	-	-	3,094	149	77,150	-	-	-
Taiwan	4,719	279	-	-	4,719	279	-	-	-	-
Thailand	614	1,206	-	-	614	1,155	-	-	-	51

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 VESSELS BY DWT, CLASS AND FLAG 1/

PORT : APIA

PERIOD: January - December 2021

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	196	52	-	1	15	34	30	31	25	-	8
Total Tonnage	2,183,878	15,504	-	2,598	71,048	247,958	396,953	547,471	544,246	-	308,110
Antigua & Barbuda											
No. of Ships	23	-	-	-	-	14	-	9	-	-	-
Total Tonnage	250,075	-	-	-	-	97,300	-	152,775	-	-	-
Marshall Island											
No. of Ship	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	100,312	-	-	-	-	-	-	-	-	-	100,312
Cook Island											
No. of Ships	63	52	-	-	-	11	-	-	-	-	-
Total Tonnage	77,566	15,504	-	-	-	62,062	-	-	-	-	-
China											
No. of Ships	1	-	-	1	-	-	-	-	-	-	-
Total Tonnage	2,598	-	-	2,598	-	-	-	-	-	-	-
Hong Kong											
No. of Ships	28	-	-	-	-	-	11	-	15	-	2
Total Tonnage	580,952	-	-	-	-	-	151,264	-	333,422	-	96,266
Liberia											
No. of ship	5	-	-	-	-	-	-	-	4	-	1
Total Tonnage	131,766	-	-	-	-	-	-	-	81,776	-	49,990
Malta											
No. of Ship	6	-	-	-	-	-	-	-	6	-	-
Total Tonnage	129,048	-	-	-	-	-	-	-	129,048	-	-
Panama											
No. of Ship	24	-	-	-	2	-	-	22	-	-	-
Total Tonnage	401,936	-	-	-	7,240	-	-	394,696	-	-	-
Singapore											
No. of Ship	44	-	-	-	13	9	19	-	-	-	3
Total Tonnage	509,625	-	-	-	63,808	88,596	245,689	-	-	-	111,532

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 VESSEL CALLS PER MONTH BY TYPE OF VESSEL 1/
PORT : APIA
PERIOD: January - December 2021**

PERIOD	TYPE OF VESSEL			TOTAL
	GENERAL CARGO	CONTAINER	TANKERS	
Annually				
2020	60	134	21	215
2021	52	122	22	196
Six months				
Jan 20 - Jun 20	33	68	10	111
Jul 20 - Dec 20	27	66	11	104
Jan 21 - Jun 21	21	59	11	91
Jul 21 - Dec 21	31	63	11	105
Monthly				
2020				
January	6	9	1	16
February	4	11	1	16
March	6	14	2	22
April	6	13	2	21
May	5	11	2	18
June	6	10	2	18
July	5	10	1	16
August	3	13	2	18
September	3	10	1	14
October	4	12	2	18
November	6	10	3	19
December	6	11	2	19
2021				
January	5	8	2	15
February	4	8	1	13
March	5	10	3	18
April	2	10	1	13
May	3	13	3	19
June	2	10	1	13
July	3	13	2	18
August	3	10	2	15
September	5	9	2	16
October	8	10	1	19
November	5	11	1	17
December	7	10	3	20

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 2021

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
Total				
Inward	176	36	118	22
Outward	132	45	87	-
January				
Inward	14	4	8	2
Outward	9	4	5	-
February				
Inward	13	4	8	1
Outward	10	4	6	-
March				
Inward	18	5	10	3
Outward	11	5	6	-
April				
Inward	13	2	10	1
Outward	10	2	8	-
May				
Inward	18	2	13	3
Outward	11	2	9	-
June				
Inward	13	2	10	1
Outward	10	1	9	-
July				
Inward	16	2	12	2
Outward	12	3	9	-
August				
Inward	15	3	10	2
Outward	11	3	8	-
September				
Inward	16	5	9	2
Outward	10	4	6	-
October				
Inward	13	3	9	1
Outward	12	5	7	-
November				
Inward	13	1	11	1
Outward	12	5	7	-
December				
Inward	14	3	8	3
Outward	14	7	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 7: INWARD/OUTWARD CARGO (in metric tonnes) FLOW PER MONTH BY TYPE OF VESSELS 1/

PORT : APIA

PERIOD: January - June 2021

Number of Vessels	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
Total				
Inward	337,378	492	257,976	78,910
Outward	187,701	1,973	185,728	-
January				
Inward	26,525	100	16,104	10,321
Outward	1,818	439	1,379	-
February				
Inward	21,790	98	21,512	180
Outward	3,928	388	3,540	-
March				
Inward	26,601	82	14,569	11,950
Outward	4,782	205	4,577	-
April				
Inward	26,209	23	26,006	180
Outward	2,774	132	2,642	-
May				
Inward	32,128	22	19,738	12,368
Outward	10,290	57	10,233	-
June				
Inward	16,722	25	15,122	1,575
Outward	17,370	16	17,354	-
July				
Inward	43,764	31	32,274	11,460
Outward	20,983	60	20,923	-
August				
Inward	24,630	38	23,494	1,098
Outward	28,259	84	28,175	-
September				
Inward	34,128	43	27,817	6,268
Outward	18,540	86	18,454	-
October				
Inward	24,006	25	23,771	210
Outward	61,269	172	61,097	-
November				
Inward	29,404	4	18,213	11,186
Outward	12,109	164	11,945	-
December				
Inward	31,470	1	19,355	12,114
Outward	5,581	170	5,411	-

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.