

SAMOA BUREAU OF STATISTICS

Annual Shipping Statistics 2023

Highlights of the year 2023

- 213 international sea going vessels were accepted for tabulation which consisted of 141 container vessels, 48 General Cargo Vessels, and 24 Mineral Oil Tankers.
- 194 vessels carried inward cargo
- 133 vessels returned with outward cargo

Overview

Number of vessels

In 2023, there were 498 international sea going vessels cleared at the port of Apia. Of the total, 213 international sea going vessels were accepted for tabulation. These consisted of 141 Container Vessels, 48 General Cargo Vessels and 24 Mineral Oil Tankers. There were 285 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.

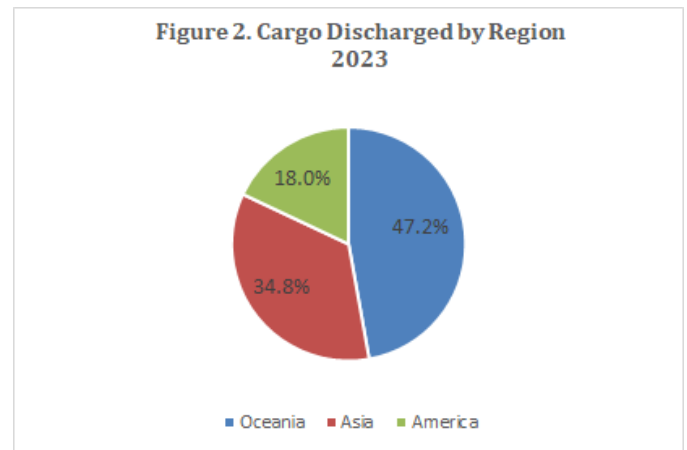
Figure 1. Number of vessels by type and percentage		
Type of Vessel	Number of Vessels	Percentage
Total	498	100%
Container Vessel	141	28%
General Cargo Vessel	48	10%
Mineral Oil Tanker	24	5%
Vessels excluded	285	57%

Cargo Discharged

The analysis of cargo discharged at the port of Apia indicated that 194¹ vessels discharged a combined total of 460,314 metric tonnes of cargo, of which 47.2 percent (217,173 metric tonnes) came from the Oceania region (mostly from Fiji and New Zealand), 34.8 percent (160,225 metric tonnes) came from the Asia region (mostly from

Singapore and Korea) and 18.0 percent (82,813 metric tonnes) came from the America region (all from the USA).

See figure 2 and tables 3 & 6.

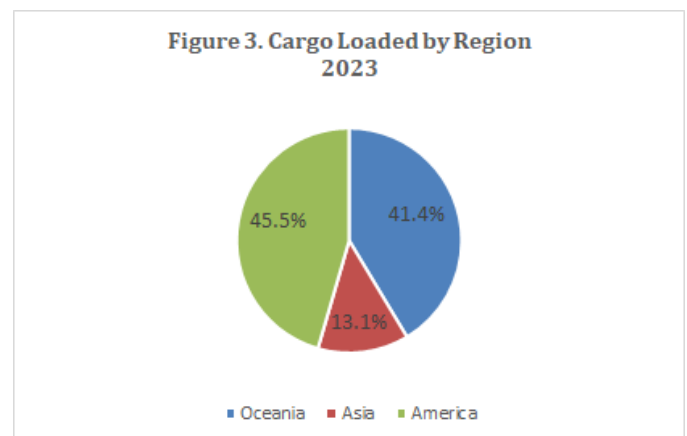


Source: Samoa Bureau of Statistics

Cargo Loaded

There were 133² vessels that loaded a combined total of 99,596 metric tonnes of cargo, of which 45.5 percent (45,318 metric tonnes) were loaded for the America region (all to USA), 41.4 percent (41,230 metric tonnes) were loaded for the Oceania region (mostly to Australia) and the remaining 13.1 percent (13,041 metric tonnes) were loaded for the Asia region (mostly to China).

See figure 3, tables 3, 6 & 7.



Source: Samoa Bureau of Statistics

¹ Refers to vessels that only had inward cargo

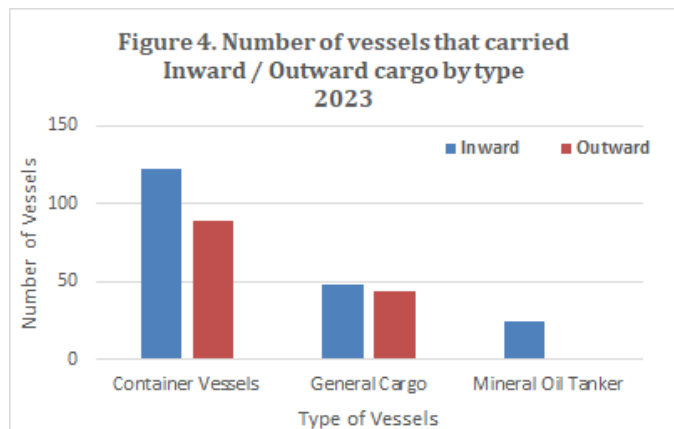
² Refers to vessels that only had outward cargo

Vessels that carried inward/outward cargo

Of the 213³ vessels that arrived, 194 vessels carried inward cargo but 133 vessels returned with outward cargo.

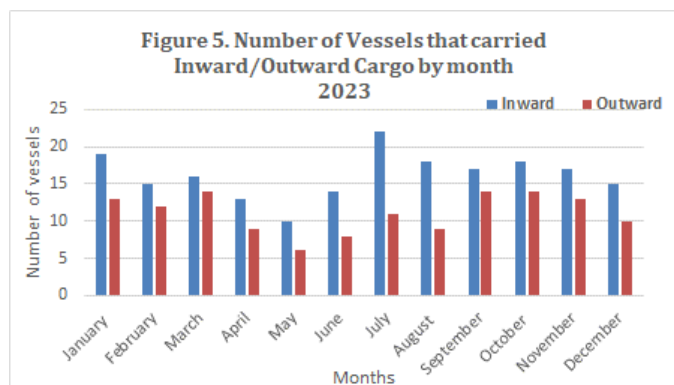
The 194 vessels that carried inward cargo consisted of 122 Container vessels, 48 General Cargo and 24 Mineral Oil Tanker vessels. The 133 vessels that returned with outward cargo consisted of 89 Container vessels and 44 General Cargo vessels.

See figure 4 and Table 6



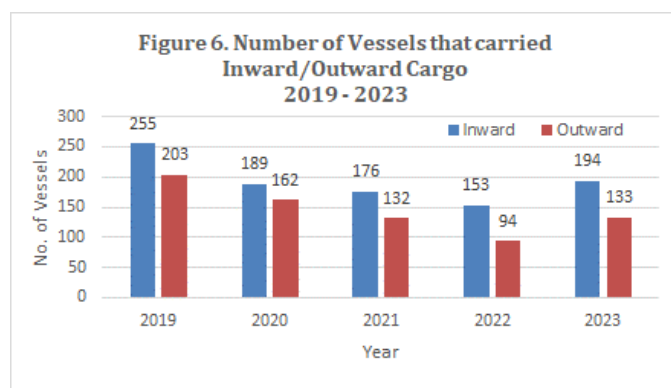
Source: Samoa Bureau of Statistics

The number of vessels that carried inward cargo in 2023 ranged from 10 - 22, while vessels that loaded outward cargo ranged from 6 -14. This is graphically illustrated in Figure 5.

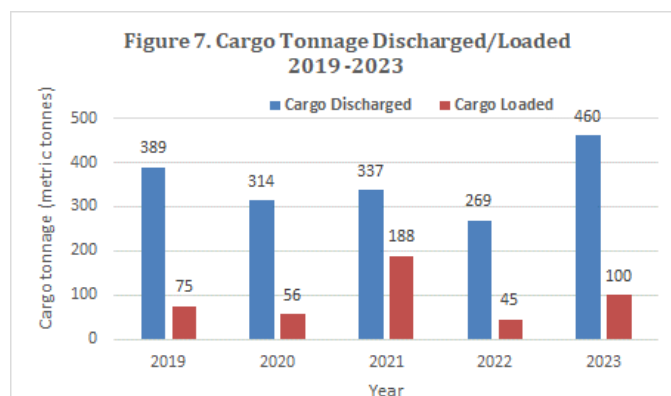


Source: Samoa Bureau of Statistics

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 below in Figure 6 and Figure 7.



Source: Samoa Bureau of Statistics



Source: Samoa Bureau of Statistics

The attached tables 1-7 provides a more detailed analysis of international sea going vessels and cargo loaded and discharged at the port of Apia within the reference period.

³ Refers to vessels that had the required information

⁴ Refers to vessels that had inward/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

- 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.

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Table 1: ARRIVAL OF VESSELS BY TYPE AND COUNTRY OF ORIGIN 1/
PORT : APIA
PERIOD: January - December 2023

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	213	2250.5	1027.6	2818.8	48	32.4	11.7	24.6	141	1830.7	891.2	2172.0	24	387.5	124.7	622.2
Oceania	58	85.1	40.3	89.4	47	23.4	6.1	14.5	10	50.3	24.3	56.4	1	11.5	10.0	18.5
Cook Island	57	73.6	30.3	70.9	47	23.4	6.1	14.5	10	50.3	24.3	56.4	-	-	-	-
Palau	1	11.5	10.0	18.5									1	11.5	10.0	18.5
America	64	707.2	374.1	778.2	1	9.0	5.6	10.0	54	635.9	350.9	682.1	9	62.3	17.5	86.1
Panama	33	466.4	258.0	499.6	-	-	-	-	24	404.2	240.4	413.5	9	62.3	17.5	86.1
Antigua & Barbuda	30	231.8	110.5	268.7	-	-	-	-	30	231.8	110.5	268.7	-	-	-	-
Belize	1	9.0	5.6	10.0	1	9.0	5.6	10.0	-	-	-	-	-	-	-	-
Europe	18	231.7	137.6	331.7	-	-	-	-	15	144.0	103.1	182.0	3	87.8	34.5	149.6
Malta	15	144.0	103.1	182.0	-	-	-	-	15	144.0	103.1	182.0	-	-	-	-
Denmark	1	28.9	14.1	50.0	-	-	-	-	-	-	-	-	1	28.9	14.1	50.0
United Kingdom	2	58.9	20.4	99.6	-	-	-	-	-	-	-	-	2	58.9	20.4	99.6
Asia	66	1084.5	457.3	1437.3	-	-	-	-	56	888.2	403.2	1119.2	10	196.3	54.1	318.1
Hong Kong	20	368.9	157.7	512.5	-	-	-	-	16	250.7	125.1	315.0	4	118.2	32.6	197.5
Singapore	46	715.6	299.6	924.8	-	-	-	-	40	637.6	278.1	804.2	6	78.1	21.5	120.6
Africa	7	142.0	18.3	182.2	-	-	-	-	6	112.3	9.8	132.2	1	29.6	8.6	50.0
Liberia	7	142.0	18.3	182.2	-	-	-	-	6	112.3	9.8	132.2	1	29.6	8.6	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 2023

Country of Destination	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	213	2250.5	1027.6	2818.8	48	32.4	11.7	24.6	141	1830.7	891.2	2172.0	24	387.5	124.7	622.2
Oceania	213	2250.5	1027.6	2818.8	48	32.4	11.7	24.6	141	1830.7	891.2	2172.0	24	387.5	124.7	622.2
Tokelau	47	23.4	6.1	14.5	47	23.4	6.1	14.5	-	-	-	-	-	-	-	-
Fiji	132	1591.5	793.8	1923.2	1	9.0	5.6	10.0	116	1417.1	736.2	1660.3	15	165.5	52.0	252.8
New Zealand	1	3.8	1.1	3.9	-	-	-	-	-	-	-	-	1	3.8	1.1	3.9
French Polynes	3	50.7	20.1	64.5	-	-	-	-	3	50.7	20.1	64.5	-	-	-	-
Tonga	10	212.3	48.7	300.3	-	-	-	-	6	112.3	9.8	132.2	4	100.0	39.0	168.1
Am Samoa	20	368.9	157.7	512.5	-	-	-	-	16	250.7	125.1	315.0	4	118.2	32.6	197.5

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 2023

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	460,314	99,596	1,052	1,459	322,697	86,277	100,451	-	36,114	11,860
Oceania	217,173	41,230	392	1,459	183,239	34,357	2,215	-	31,327	5,414
American Samoa	135	5,462	-	-	135	3,708	-	-	-	1,755
Australia	12,206	12,057	-	-	9,945	12,033	2,215	-	46	24
Cook Island	-	2,570	-	-	-	1,929	-	-	-	641
Fiji	108,137	1,071	-	-	79,176	709	-	-	28,961	362
French Polynesia	694	-	-	-	446	-	-	-	248	-
New Caledonia	3,853	10,475	-	-	2,143	10,062	-	-	1,710	413
New Zealand	90,642	4,128	-	-	90,512	3,112	-	-	130	1,017
Tonga	815	3,350	-	-	717	2,420	-	-	98	930
Tokelau	392	1,459	392	1,459	-	-	-	-	-	-
Solomon	3	8	-	-	3	8	-	-	-	-
Vanuatu	102	57	-	-	56	36	-	-	47	21
Nauru	-	99	-	-	-	-	-	-	-	99
Marshall Island	111	-	-	-	23	-	-	-	88	-
Niue	-	323	-	-	-	323	-	-	-	-
Papua New Guinea	83	79	-	-	83	-	-	-	-	79
Tuvalu	-	91	-	-	-	18	-	-	-	74
America	82,813	45,318	-	-	78,032	39,092	-	-	4,781	6,225
USA	82,813	45,318	-	-	78,032	39,092	-	-	4,781	6,225
Europe	102	6	-	-	102	6	-	-	-	-
Turkey	8	-	-	-	8	-	-	-	-	-
Netherland	94	-	-	-	94	-	-	-	-	-
United Kingdom	-	6	-	-	-	6	-	-	-	-
Asia	160,225	13,041	659	-	61,324	12,821	98,236	-	6	220
Bangladesh	6	782	-	-	6	782	-	-	-	-
China	7,582	6,964	659	-	6,922	6,759	-	-	-	205
Japan	4,747	260	-	-	4,747	260	-	-	-	-
Korea	34,919	556	-	-	34,913	556	-	-	6	-
Philippines	111	15	-	-	111	-	-	-	-	15
Indonesia	428	10	-	-	428	10	-	-	-	-
Singapore	98,277	59	-	-	40	59	98,236	-	-	-
Sri Lanka	7	-	-	-	7	-	-	-	-	-
India	28	-	-	-	28	-	-	-	-	-
Taiwan	10,136	111	-	-	10,136	111	-	-	-	-
Malaysia	416	28	-	-	416	28	-	-	-	-
United Arab Emirates	44	-	-	-	44	-	-	-	-	-
Vietnam	566	1,135	-	-	566	1,135	-	-	-	-
Thailand	2,959	3,121	-	-	2,959	3,121	-	-	-	-

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 2022

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	213	47	-	1	7	57	18	30	32	1	20
Total Tonnage	2,818,808	14,514	-	1,000	30,576	425,670	232,970	532,813	723,627	45,904	811,734
Antigua & Barbuda											
No. of Ships	30	-	-	-	-	24	-	6	-	-	-
Total Tonnage	268,650	-	-	-	-	166,800	-	101,850	-	-	-
Cook Island											
No. of Ships	57	47	-	-	-	10	-	-	-	-	-
Total Tonnage	70,934	14,514	-	-	-	56,420	-	-	-	-	-
Palau											
No. of Ships	2	-	-	-	-	-	-	1	-	-	1
Total Tonnage	68,468	-	-	-	-	-	-	18,469	-	-	49,999
Denmark											
No. of Ships	1	-	-	-	-	-	-	-	-	-	1
Total Tonnage	49,999	-	-	-	-	-	-	-	-	-	49,999
Hong Kong											
No. of Ships	26	-	-	-	-	-	6	-	16	1	3
Total Tonnage	644,670	-	-	-	-	-	81,414	-	365,751	45,904	151,601
Malta											
No. of Ship	3	-	-	-	-	-	-	-	3	-	-
Total Tonnage	64,524	-	-	-	-	-	-	-	64,524	-	-
Panama											
No. of Ship	34	-	-	1	7	1	1	23	-	-	1
Total Tonnage	509,590	-	-	1,000	30,576	5,182	10,037	412,494	-	-	50,301
Singapore											
No. of Ship	58	-	-	-	-	22	11	-	13	-	12
Total Tonnage	1,042,349	-	-	-	-	197,268	141,519	-	293,352	-	410,210
United Kingdom											
No. of Ship	2	-	-	-	-	-	-	-	-	-	2
Total Tonnage	99,624	-	-	-	-	-	-	-	-	-	99,624

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 2023

PERIOD	TYPE OF VESSEL			TOTAL
	GENERAL CARGO	CONTAINER	TANKERS	
Annually				
2022	42	122	17	181
2023	48	141	24	213
Six months				
Jan 22 - Jun 22	18	61	7	86
Jul 22 - Dec 22	24	61	10	95
Jan 23 - Jun 23	21	70	11	102
Jul 23 - Dec 23	27	71	13	111
Monthly				
2022				
January	3	9	1	13
February	4	12	2	18
March	4	8	1	13
April	2	12	1	15
May	2	8	1	11
June	3	12	1	16
July	3	9	2	14
August	3	10	2	15
September	3	11	2	16
October	5	9	-	14
November	5	12	2	19
December	5	10	2	17
2023				
January	6	11	3	20
February	5	11	2	18
March	5	12	-	17
April	1	13	2	16
May	1	10	2	13
June	3	13	2	18
July	6	14	3	23
August	4	12	3	19
September	5	10	1	16
October	4	14	2	20
November	5	11	2	18
December	3	10	2	15

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 2023**

Number of Calls	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Minera Oil Tanker
Total				
Inward	194	48	122	24
Outward	133	44	89	0
January				
Inward	19	6	10	3
Outward	13	5	8	-
February				
Inward	15	5	8	2
Outward	12	5	7	-
March				
Inward	16	5	11	-
Outward	14	5	9	-
April				
Inward	13	1	10	2
Outward	9	1	8	-
May				
Inward	10	1	7	2
Outward	6	1	5	-
June				
Inward	14	3	9	2
Outward	8	3	5	-
July				
Inward	22	6	13	3
Outward	11	2	9	-
August				
Inward	18	4	11	3
Outward	9	4	5	-
September				
Inward	17	5	11	1
Outward	14	6	8	-
October				
Inward	18	4	12	2
Outward	14	4	10	-
November				
Inward	17	5	10	2
Outward	13	5	8	-
December				
Inward	15	3	10	2
Outward	10	3	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 metri tonnes) FLOW PER MONTH BY TYPE OF VESSELS 1/
PORT : APIA
PERIOD: January - December 2023

Number of Vessels	Type of Vessel			
	Total	General Cargo Vessel	Container Vessel	Mineral Oil Tanker
Total				
Inward	460,314	1,052	358,811	100,451
Outward	99,596	1,459	98,136	-
January				
Inward	31,429	680	18,819	11,931
Outward	9,329	109	9,219	-
February				
Inward	52,267	10	43,064	9,193
Outward	14,675	128	14,547	-
March				
Inward	15,525	24	15,501	-
Outward	6,331	128	6,203	-
April				
Inward	35,595	6	25,769	9,820
Outward	8,568	-	8,568	-
May				
Inward	57,355	5	47,702	9,648
Outward	671	13	658	-
June				
Inward	32,373	11	22,774	9,588
Outward	7,430	128	7,302	-
July				
Inward	43,318	59	31,808	11,451
Outward	7,981	117	7,864	-
August				
Inward	46,979	52	37,727	9,199
Outward	6,406	192	6,214	-
September				
Inward	37,577	61	37,316	200
Outward	9,199	200	8,999	-
October				
Inward	30,500	44	20,350	10,106
Outward	6,337	76	6,262	-
November				
Inward	33,817	54	23,692	10,071
Outward	18,549	163	18,386	-
December				
Inward	43,579	45	34,288	9,246
Outward	4,120	206	3,914	-

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.