



COVID-19 Situational Report No. 381-387

WEEKLY REPORT

Ministry of Health

Date of report: July 17, 2022

Email: surveillance@health.gov.ws

Distribution: Health Emergency Operations Centre (HEOC)

Prepared by: National Health Surveillance & IHR Division

Tel: 66506/66507

New information in BLUE

Key Dates:

- Date Wuhan, China Declared Outbreak: 31/12/2019
- Date of Border Control activities commenced: 22/01/2020 (Travel Advisory and Health screening for incoming passengers)
- Date COVID-19 declared PHEIC: 31/01/2020
- Date Global Pandemic for COVID-19 Declared: 12/03/2020
- Samoa Declares State of Emergency for COVID-19: 21/03/2020
- Date of first repatriation flight: 24/03/2020
- COVID-19 PCR Testing Cartridges Received in Country: 08/05/2020 (controls received 15/05/2020)
- Date of First Coronavirus PCR Test Processed Within Country: 19/05/2020
- Date of first COVID19 historical case: 18/11/2020
- Date of last repatriation flight 2020: 08/12/2020
- Date of first repatriation flight 2021: 22/01/2021
- Date of first COVID-19 case in Samoa: 13/02/2021
- Date first batch of AstraZeneca (AZ) vaccine from COVAX arrived: 09/04/2021
- Date of first dose administration of AstraZeneca: 18/04/2021
- Date of second dose administration of AZ vaccine: 14/06/2021
- Date of 2-day lockdown for COVID-19 vaccination: 23/09/21 – 24/09/2021
- Date of first batch of Pfizer vaccine from New Zealand arrived: 21/10/2021
- Date of first dose administration of Pfizer: 22/10/2021
- Date of Pfizer vaccination roll out in schools for 12-17yrs: 25/10/2021
- Date of 1-day national vaccination drive: 19/11/2021
- National Lockdown commenced: 6pm 22/01/22 - 6pm 28/01/22
- Alert Level 2 commenced: 6pm 28/01/22 – 6pm 11/02/22
- Alert Level 1 commenced: 6pm 11/02/22 – 12am 19/03/22
- Date of school vaccination roll out for 5-11yrs: 05/03/22
- Alert Level 3 lockdown commenced: 12am 19/03/22 - 6am 06/04/22
- Alert Level 2 commenced: 6am 06/04/2022 – 12am 01/06/2022
- Alert Level 1 commenced: 12am 01/06/2022
- Date of last repatriation flight: 30/06/2022 (Flight origin – New Zealand)
- Date of most recent commercial flight: 16/07/2022 (Flight origin – American Samoa)

SECTION A. SAMOA SITUATION

I. Surveillance update

Reporting period: **July 10 at 2pm – July 17 at 2pm, 2022**

SAMOA COVID-19 SITUATION	Number of cases
Total of new COVID-19 positive cases over the last 7 days (both PCR and rapid antigen test - RAT from all sites*)	62
Cumulative number of COVID-19 positive cases since community transmission detected in March 17, 2022	15,029
Border Surveillance Cumulative number of COVID-19 positive cases detected at the Port of Entry (POE) since November 2020 International POE: <ol style="list-style-type: none"> 1. Faleolo International Airport <ul style="list-style-type: none"> • FJ255 9th July – 3 positive cases • OL--219 12th July – 1 new case 2. Matautu Wharf <ul style="list-style-type: none"> • No cases detected 	154
Cumulative number of COVID-19 positive cases (border and community cases)	15,183

COVID-19 admissions

2, Total number of COVID-19 positive cases admitted to TTM Hospital since community transmission in March 17, 2022 – 292 admissions

Total number of cases discharged from TTM hospital – 258 discharged home

Currently in the last 24hrs:

- 2 hospital admissions
- 0 ICU patients

Total of new COVID-19 related deaths in the last 7 days

0

Cumulative number of COVID-19 related deaths since community transmission detected in March 17, 2022**

29

Rapid antigen testing (RAT)

Cumulative number of RATs conducted (as of 17/07/22 at 02:00pm)***

172,019

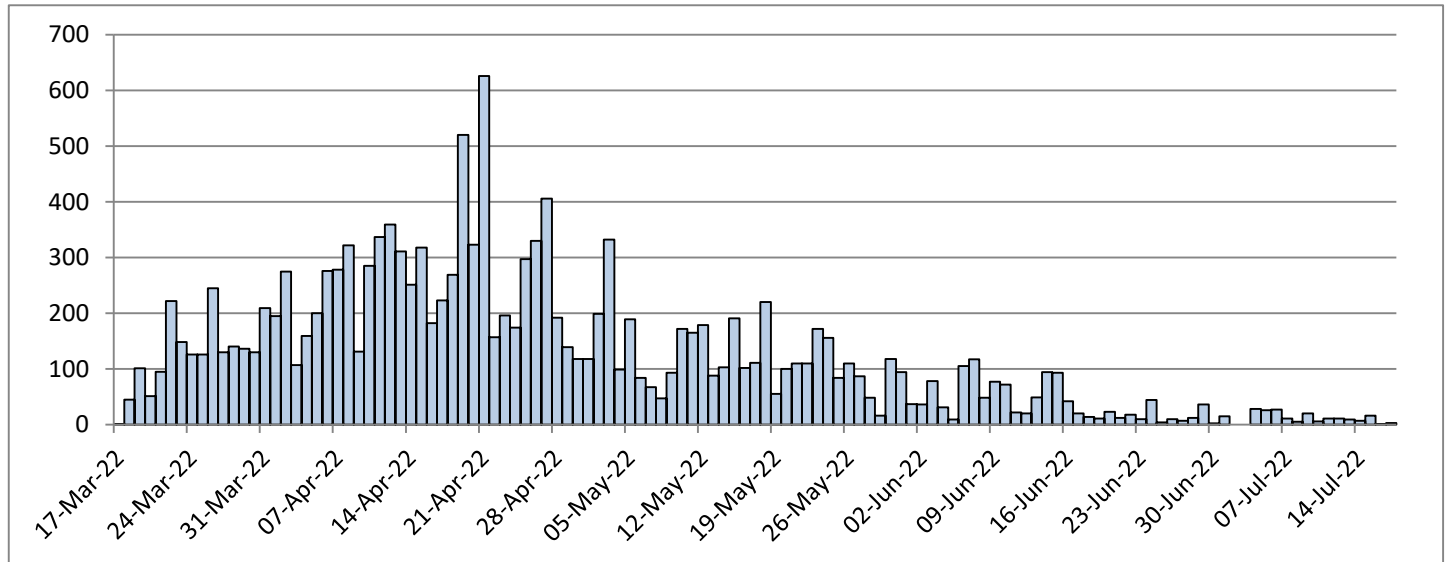
* The sites include all health facilities, private clinics, testing sites and self-reporting

**The death count is subject to change following full verification of all reported COVID-19 deaths from all health facilities.

Note: There are other deaths among registered cases that are not primarily caused by COVID-19.

***The test count is subject to change to data cleaning and when data becomes available

Figure 1. COVID-19 epicurve – New daily confirmed community cases by date of notification



Note: The cut off for daily reporting is 2pm, therefore numbers reporting after 2pm will be reflected in the next reporting periods' count.

Figure 2. Weekly total of community cases vs 7-day rolling average

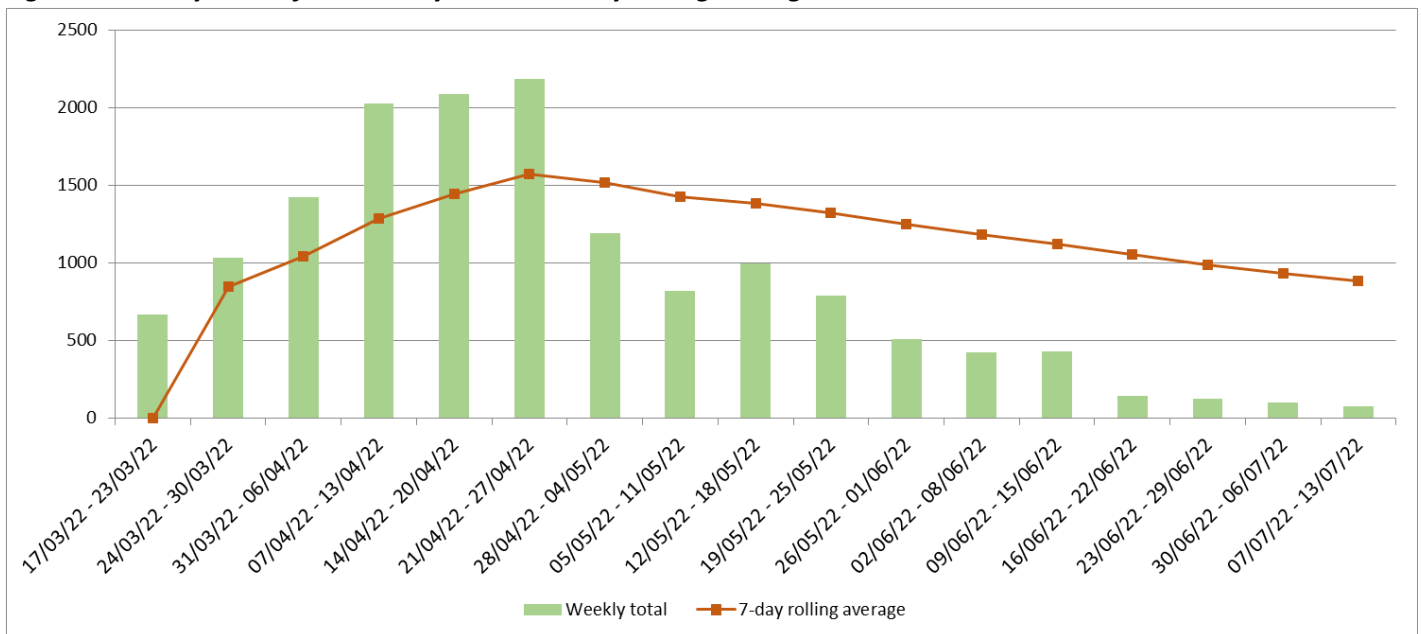
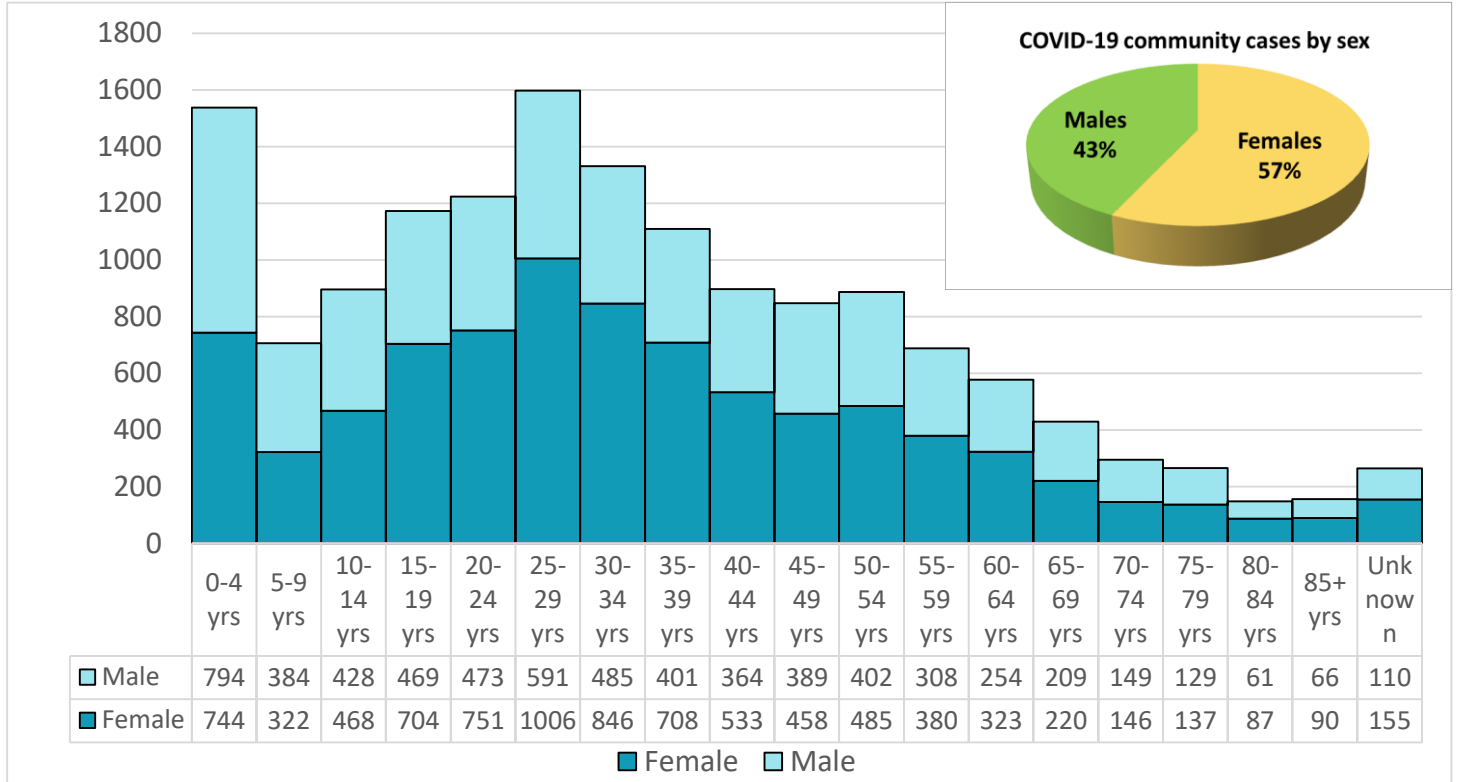


Figure 3. Cumulative community cases since community transmission on March 17, 2022 by age group and sex



Note: Of the total reported community cases, 10.2% are children between 0-4 years and about 1.6% were reported to have been admitted.

Table 1. Cumulative community cases since March 17th by Island of Current Residence

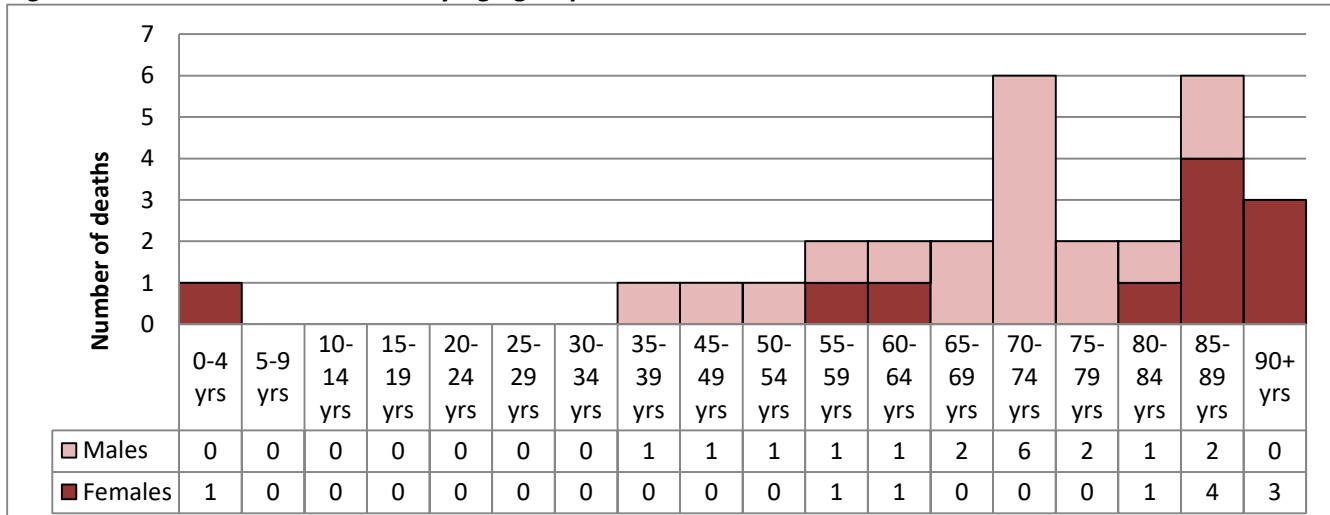
Island	Number of cases	% of cases
Upolu	12,208	81.2%
Savaii	2,803	18.7%
Manono Tai	18	0.1%
TOTAL	15,029	100.0%

Sources of notification of COVID-19 community cases are summarized in Annex A. COVID-19 community cases by districts are summarized in Annex B.

COVID-19 MORTALITY ANALYSIS

Cumulative number of COVID-19 related deaths	29 deaths
Age range	1 yr – 94 yrs
Average age	71 yrs

Figure 4. COVID-19 related deaths by age group and sex



II. COVID-19 vaccination update

As of **08:00am Local Time July 17, 2022**

- AEFI for COVID-19 vaccines continue to be monitored without any major reactions to report.
- First round of booster doses administered to date is **77,140**.
- Second round of booster doses administered to date is **189**.

Table 2. Samoa's COVID-19 vaccination status

Age group	Target Population	FIRST DOSE		SECOND DOSE	
		Number	%	Number	%
18yrs +	121,891	122,227	>99%	114,113	93.6%
12 – 17 yrs	27,880	28,388	>99%	25,791	92.4%
5 – 11 yrs*	40,638	40,246	99%	37,124	91.4%

*The 5-11 year old vaccination roll out commenced on March 05, 2022. The administration of the second dose started on April 04, 2022.

Table 3. Details of donation and supply of COVID-19 vaccines

Date Received	Vaccine Type	Vials	Doses	Supplier/Donated by
9-Apr-21	AstraZeneca	2,400	24,000	COVAX
14-May-21	AstraZeneca	2,880	28,800	COVAX
9-Jul-21	AstraZeneca	1,000	10,000	DFAT AUS
15-Jul-21	AstraZeneca	1,000	10,000	DFAT AUS
26-Jul-21	AstraZeneca	3,000	30,000	DFAT AUS
5-Aug-21	AstraZeneca	2,640	26,400	COVAX
19-Aug-21	AstraZeneca	11,200	112,000	Japan via COVAX
21-Oct-21	Pfizer	3515	17,575	New Zealand
28-Oct-21	Pfizer	1,670	8,350	New Zealand
28-Oct-21	AstraZeneca	2,400	24,000	New Zealand via COVAX
6-Nov-21	Pfizer	1,455	7,275	New Zealand
20-Nov-21	Pfizer	1,670	10,020	New Zealand
27-Nov-21	Pfizer	1,000	6,000	New Zealand
18-Dec-21*	AstraZeneca	270	2,700	DFAT AUS
08-Jan-22	Pfizer	585	3,510	New Zealand
19-Jan-22	AstraZeneca	200	2,000	DFAT AUS
01-Feb-22	AstraZeneca	1,000	10,000	DFAT AUS
05-Feb-22	Pfizer	750	4,500	New Zealand
12-Feb-22	Pfizer	830	5,000	New Zealand
19-Feb-22	Pfizer	420	2,520	New Zealand
26-Feb-22	Pfizer	386	2,320	New Zealand
06-Mar-22	Paediatric Pfizer	3,000	30,000	New Zealand
19-Mar-22	Paediatric Pfizer	1,000	10,000	New Zealand
22-Mar-22	Adult Pfizer	1,620	9,720	New Zealand
30-Mar-22	Adult Pfizer	11,700	70,200	DFAT Australia
09-Apr-22	Paediatric Pfizer	3,000	30,000	New Zealand
24-Apr-22	Adult Pfizer	6,825	40,950	DFAT AUS
01-May-22	Paediatric Pfizer	1,000	10,000	New Zealand
01-May-22	Adult Pfizer	7,605	45,630	US donation via COVAX
Total		76,006	593,380	

*This batch was discarded due to breach of cold chain; exceeded 8°C for more than 24hrs prior to arrival into Samoa

III. Adverse events following immunization of COVID-19 vaccines update

As of **4:30pm Local Time July 11, 2022**

An Adverse Event following Immunization (AEFI) is an untoward medical event which follows immunisation and does not necessarily have a causal relationship with the administration of vaccine. The adverse event may be an unfavourable or unintended sign, abnormal laboratory finding, symptom or disease.

The AEFI Committee has been closely monitoring the AEFIs from the use of COVID19 vaccines since the National Roll-out began on April 18 2021 for AstraZeneca (Vaxzevria) and October 22, 2021 for Pfizer (Comirnaty).

- **Cumulative total of 420 AEFIs have been reported since the roll out of COVID-19 vaccines**
- **75% of AEFIs were reported as a result of the first dose of a COVID-19 vaccine**
- **2.3% of AEFIs were reported as a result of the booster dose**
- Most frequently reported symptoms are general body weakness, headache/dizziness, chills, pain in injection site and joint pain
- Most reported AEFI are among the age group of 18 – 30years
- Majority are females
- Most AEFI occurs within 24 hrs after the injection
- Majority of the AEFIs are reported through Call Centre
- 99% of the reported AEFIs have recovered

Table 6. Cumulative AEFI reported by age group

AEFI Reactions	5-11yrs	12-17yrs	18-30yrs	31-50yrs	51-70yrs	71yrs+	% of AEFI Reaction
GBW- Malaise, Fatigue, Body Ache	2	14	75	71	36	10	50%
Fever	7	9	65	51	28	4	41%
Headache/Dizziness	3	16	48	56	25	7	38%
Chills	1	-	37	35	19	5	24%
Pain Injection Site	-	6	35	35	17	3	24%
Joint Pain	-	-	17	22	11	3	13%
Swelling Injection site	-	2	12	16	4	2	9%
Nausea/Vomiting	2	2	9	14	4	1	8%
SOB	-	2	9	8	7	2	7%
Diarrhea	-	-	3	5	5	1	3%

IV. Laboratory Update

As of **05:00pm Local Time July 10, 2022**

- Total of **2,624 PCR GeneXpert cartridges** for COVID-19 testing were in stock for processing within country.
- COVID tests processed in country is summarized in the tables below.

Table 4. Classification of COVID-19 tests requested

Samples requested for	2020	2021	2022							TOTAL
			Jan	Feb	Mar	Apr	May	Jun	Jul	
Persons under investigation	52	35	6	3	230	1,250	793	872	206	3,447
Immigration	43	3,317	259	77	199	123	636	337	38	5,029
Isolation ward	-	-	51	133	105	1,524	1,534	2,282	8	33,313
Quarantined Passengers/staff	5,442	14,794	704	1360	1,804					
RAT confirmation	-	-	-	-	61					
Frontline workers	0	462	1,139	987	923	2,897	2,963	3,491	252	41,789
Total	5,537	18,608	2,159	2,560	3,322	2,897	2,963	3,491	252	41,789

Source: Clinical Laboratory, TTM Hospital, MOH

*All people travelling overseas are assessed by the public health doctors for medical clearance and tested for COVID-19 (if required) prior to their travel.

V. Repatriation flights and quarantine update

As of **02:00pm Local Time July 17, 2022**

1. **A passenger flight NZ990 from New Zealand arrived on July 14, 2022 with 272 passengers.**
2. **A passenger flight QF333 from Australia arrived on July 12, 2022 with 100 passengers.**

- From the self-reports received on Day 5 (July 17, 2022), there were no positive cases, 6 were negative and 94 did not report.
3. A passenger flight FJ255 from Fiji arrived on July 09, 2022 with 165 passengers.
 - From the self-reports received on Day 5 (July 14, 2022), there were 3 positive cases, 48 were negative and 114 did not report.
 4. A passenger flight NZ990 from New Zealand arrived on July 07, 2022 with 283 passengers.
 - From the self-reports received on Day 5 (July 12, 2022), there were no positive cases, 13 were negative and 270 did not report.
 5. A passenger flight QF333 from Australia arrived on July 05, 2022 with 51 passengers.
 - There have been no self-reports received for the Day 5 (July 10, 2022) COVID-19 testing.

Table 8. Repatriation summary from 2020 to date

Flight Origin	TOTAL FLIGHTS				TOTAL REPATRIATES			
	2020	2021	2022	TOTAL	2020	2021	2022	TOTAL
New Zealand	15	17	12	44	3,182	2,976	3,077	9,235
Fiji	5	3	6	14	195	244	808	1,247
Australia	1	5	7	13	304	332	612	1,248
Vanuatu	0	1	0	1	0	3	0	3
USA	0	1	0	1	0	5	0	5
Pago Pago	0	72	20	92	0	588	230	818
Tonga	0	0	1	1	0	0	7	7
TOTAL	21	99	46	166	3,681	4,148	4,734	12,563

VI. Port health update

Reporting period: July 10 - 16, 2022

Port Health clearance summary on the following vessels at the Matautu Wharf and aircrafts at Faleolo International Airport in this reporting period:

- **Vessels**
 - 4 container vessels
 - 4 fishing vessels
 - 1 cargo/passenger vessel
 - 1 gas tanker
- **International flights**
 - 15 passenger flights
 - 3 cargo flights
 - 1 medevac

Table 9. Matautu Wharf health clearance

Date	Vessel name	E.T.A	Vessel type	Crew	PAX	Last port	Remarks
10-Jul-22	Liloa II	0600hrs	Container	13	0	Suva, Fiji	Health Clearance Granted
11-Jul-22	Yuh Yi 22	0700hrs	Fishing	12	0	Fishing Ground	Health Clearance Granted
12-Jul-22	Capitaine Kupe	0400hrs	Container	16	0	Auckland, NZ	Health Clearance Granted
12-Jul-22	Epic St Agnes	0500hrs	Tanker	16	0	Pagopago	Health Clearance Granted
12-Jul-22	Yuh Chang 1	0930hrs	Fishing	14	0	Fishing Ground	Health Clearance Granted
14-Jul-22	MV Highland Chief	0600hrs	Container	22	0	Lautoka, Fiji	Health Clearance Granted
14-Jul-22	MV Kalopaga	2330hrs	Cargo/Passenger	11	9	Tokelau	Health Clearance Granted
16-Jul-22	Southern Pearl	0600hrs	Container	19	0	Lautoka, Fiji	Health Clearance Granted
16-Jul-22	Huanan Yhen 731	1200hrs	Fishing	18	0	Fishing Ground	Health Clearance Granted
16-Jul-22	Huanan Yhen 738	1200hrs	Fishing	16	0	Palau	Health Clearance Granted

All 10 vessels complied with Samoa's entry requirements

Table 10. Faleolo International Airport

Date	Aircraft registration	Flight #	Flight type	E.T.A	POE	PAX	Crew	Remarks
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10-Jul-22	5W-FAY	OL-891	Cargo	1609hrs	PPG	0	2	Health Clearance Granted
12-Jul-22	5W-FAY	OL219	Passenger	1130hrs	PPG	14	2	Health Clearance Granted
12-Jul-22	ZK-NXJ	AO9462	Medevac	1150hrs	AKL	0	4	Health Clearance Granted
12-Jul-22	5W-FAY	OL-221	Passenger	1410hrs	PPG	14	2	Health Clearance Granted
12-Jul-22	VHQPD	QFA0333	Passenger	1630hrs	BNE	100	14	Health Clearance Granted
12-Jul-22	5W-FAY	OL219	Passenger	1752hrs	PPG	14	2	Health Clearance Granted
13-Jul-22	5W-FAW	OL221	Passenger	1325hrs	PPG	13	2	Health Clearance Granted
13-Jul-22	5W-FAY	OL219	Passenger	1620hrs	PPG	14	2	Health Clearance Granted
14-Jul-22	5W-FAY	OL217	Passenger	1159hrs	PPG	15	2	Health Clearance Granted
14-Jul-22	5W-FAY	OL219	Passenger	1254hrs	PPG	14	2	Health Clearance Granted
14-Jul-22	ZKNZH	NZ0990	Passenger	1315hrs	AKL	272	14	Health Clearance Granted
14-Jul-22	5W-FAY	OL221	Passenger	1530hrs	PPG	14	2	Health Clearance Granted
14-Jul-22	5W-FAY	OL223	Passenger	1810hrs	PPG	11	2	Health Clearance Granted
15-Jul-22	5W-FAY	OL217	Cargo	1450hrs	PPG	0	2	Health Clearance Granted
15-Jul-22	5W-FAW	OL219	Passenger	1642hrs	PPG	14	2	Health Clearance Granted
16-Jul-22	5W-FAW	OL219	Passenger	1155hrs	PPG	10	2	Health Clearance Granted
16-Jul-22	5W-FAW	OL221	Passenger	1558hrs	PPG	9	2	Health Clearance Granted
16-Jul-22	5W-FAY	OL217	Cargo	1606hrs	PPG	0	2	Health Clearance Granted
16-Jul-22	5W-FAW	OL-223	Passenger	1830hrs	PPG	11	2	Health Clearance Granted

All 19 flights complied with Samoa's entry requirements

VII. Risk communication and community engagement update

- Continue to Disseminate all health information on preventive measures of COVID-19 through Vaccination Sites and media outlets
- Most Calls received at the MOH Call Centre since the 14th April, 2022 were public inquiries on vaccination sites and operations.
- Several issues raised through the media monitoring reports have been addressed by way of public notices, statements and reminders to the public to utilize government websites and Facebook to manage COVID-19 'infodemic' and misinformation.

ANNEX A. COVID-19 community cases by source of notification

Source of notification	Community Cases Notified in the last 7 days (July 11-17, 2022)	Cumulative Community Cases Notified
Private Health Providers		
Enosa Clinic	4	152
Health Specialist Centre	1	72
Others	0	688
Health Facilities		
Lalomanu DH	4	519
Sataua DH	1	516
TTMH	8	4956
Others	0	4154
HEOC Surveillance and Case Finding		
Case investigations & Contact Tracing (NHSIHR MOH)	17	896
Self report online	23	963
Others	0	1086
Workplaces		
Others	0	1027
Total notified	58	15,029

ANNEX B. COVID-19 community cases by district

Weekly COVID-19 District Statistics Report		Confirmed Community Cases (15,029) as of 17/07/2022, Time: 5:00pm	
Geographic Area	Confirmed Community Cases	Population (SBS PHC 2020)	Population Rate per 1,000 Population
Samoa	15,029	215,469	69.8
Upolu	12,162	168,186	72.3
Faleata 1	1,268	14,399	88.1
Vaimauga 4	1,197	7,248	165.1
Vaimauga 3	1,081	11,526	93.8
Faleata 3	874	8,867	98.6
Faleata 2	880	12,301	71.5
Vaimauga 1	631	8,890	71.0
Sagaga 1	522	8,681	60.1
Vaimauga 2	539	5,948	90.6
Anoamaa 2	420	5,336	78.7
Sagaga 2	357	6,914	51.6
Sagaga 3	336	6,191	54.3
Anoamaa 1	320	4,874	65.7
Faleata 4	316	4,827	65.5
Falealili 1	308	3,590	85.8
Aana Alofi 4	294	5,813	50.6
Sagaga 4	285	6,183	46.1
Aleipata Itupa I Lalo	256	4,489	57.0
Safata 1	227	4,151	54.7
Aana Alofi 1	221	4,716	46.9
Lefaga & Faleaseela	214	4,192	51.0
Siumu	211	2,534	83.3
Aiga I le Tai	207	6,154	33.6
Aana Alofi 3	195	3,637	53.6
Falelatai & Samatau	190	3,420	55.6
Safata 2	156	3,121	50.0
Lepa	149	1,482	100.5
Aleipata Itupa I Luga	148	1,383	107.0
Aana Alofi 2	127	2,500	50.8
Vaa O Fonoti	80	1,476	54.2
Falealili 2	79	1,429	55.3
Lotofaga	74	1,914	38.7
Savaii	2,861	47,283	60.5
Palauli 1	303	3,591	84.4
Faasaleleaga 2	245	3,813	64.3
Faasaleleaga 3	202	2,992	67.5
Vaisigano 1	192	2,277	84.3
Faasaleleaga 4	188	3,174	59.2
Vaisigano 2	188	1,717	109.5
Faasaleleaga 1	184	4,138	44.5
Salega 2	138	1,426	96.8

Palauli 3	133	2,503	53.1
Satupaitea	132	2,092	63.1
Alataua Sisifo	126	1,817	69.3
Gagaifomauga 2	126	2,058	61.2
Gagaifomauga 1	123	1,510	81.5
Palauli 2	109	3,420	31.9
Gagaemauga 2	102	1,785	57.1
Salega 1	97	2,177	44.6
Gagaemauga 1	79	2,481	31.8
Faasaleleaga 5	78	1,657	47.1
Gagaifomauga 3	77	1,512	50.9
Falealupo	39	1,143	34.1
(Unknown - no info reported for village or district of case)	6		