



DENGUE SEROTYPE 2 OUTBREAK IN SAMOA, 2017/2018.

Ministry of Health

SITREP NO.6

28TH JANUARY

OUTBREAK OVERVIEW.

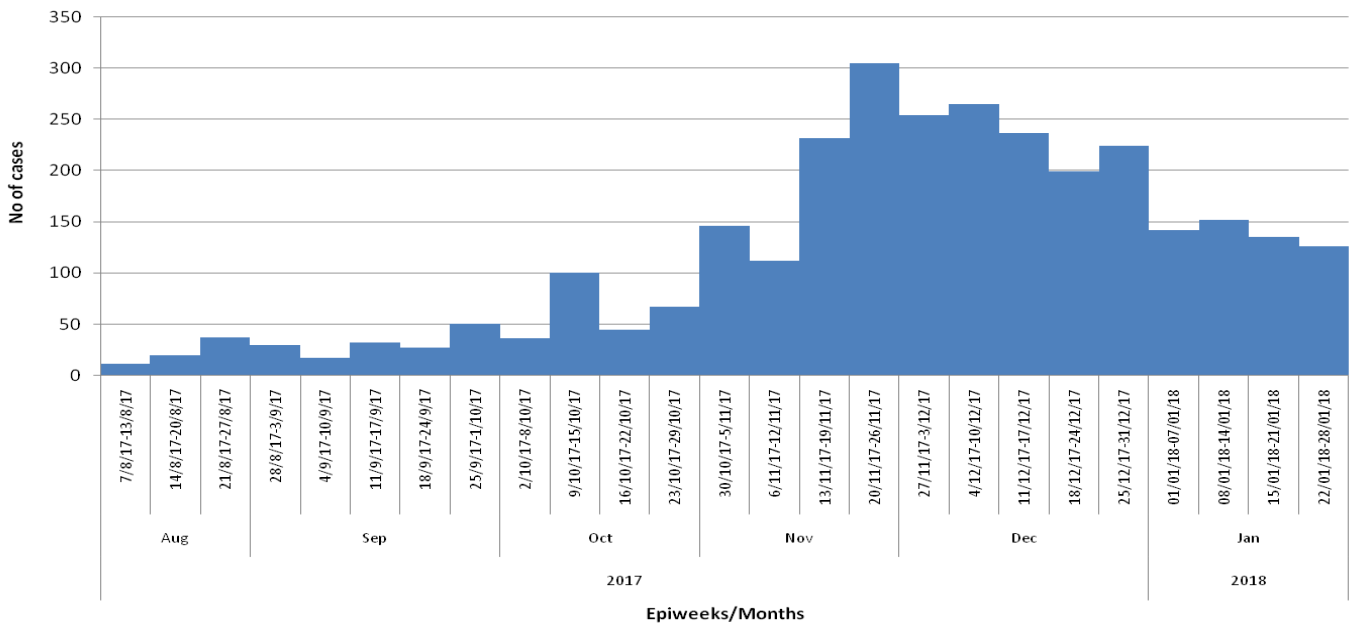
The epi-curve of DENV-2 outbreak in Samoa shows a gradual decline in the number of cases per week. However, the numbers are still high with an accumulative total of 3,001 cases recorded from both clinical diagnosis and laboratory results. The **national attack rate per 1,000 population is 15.3** with 1.5% of Samoa's population affected.

Commonly affected age groups are between 1-14 years; most cases in 5 - 9 year olds. Geographical areas most affected continue to be the Apia Urban Area and the North West Upolu regions which are the more densely populated areas in the country.

Dengue case definition: An acute fever with any two of the following signs and symptoms: joint & muscle pains; maculopapular rash; severe headaches; nausea & vomiting; pains behind the eyes; bleeding and leucopenia.

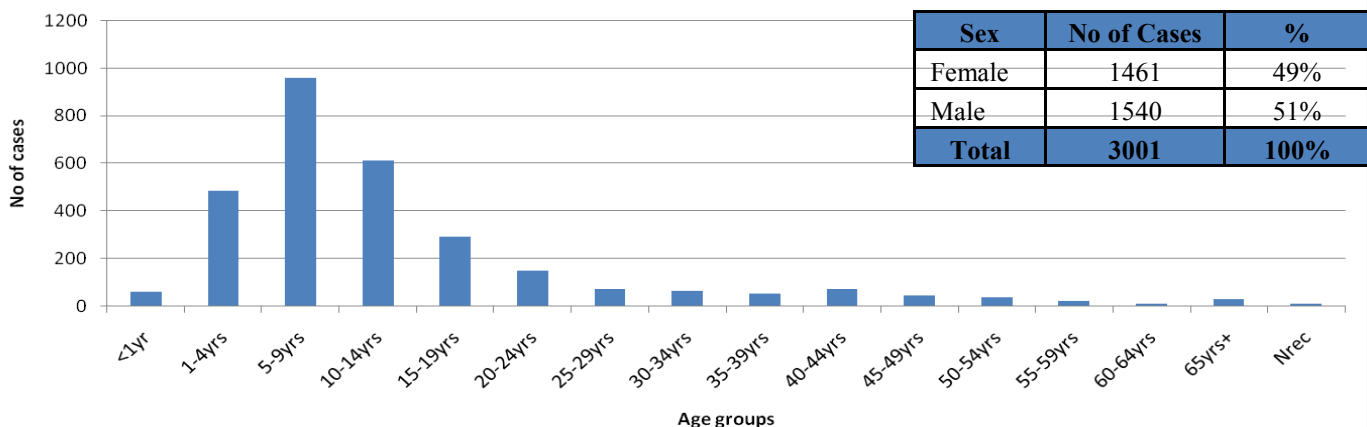
TIME: DENGUE EPI-CURVE

EpiCurve of Dengue Fever Outbreak in Samoa, August 2017 - January 2018



PERSON: AGE GROUP & SEX

Dengue Fever Outbreak Aug17-Jan18, by age group



Sex	No of Cases	%
Female	1461	49%
Male	1540	51%
Total	3001	100%

CONTROL MEASURES CONTINUES...

SOURCE REDUCTION remains highly recommended for control of mosquito breeding sites during this rainy season. Other usual prevention methods to avoid illness is also advised. An integrated response has seen communities and organizations work with MOH to use chemical spraying in their respective locations. MOH Samoa continues to advocate and implement control measures for mosquito-borne diseases. Grassroots groups involved in vector control are mobilizing the affected communities to actively participate in source reduction and clean-up campaigns. Vector surveillance and control efforts continue.

PLACE : AFFECTED AREAS (DISTRICTS & VILLAGES)

Districts	Villages	Dengue Cases	Total population Census 2016	Attack rate per 1,000 population
Vaimauga West	Moataa - Tiavi - Vailoa	733	23,508	31.2
Faleata West	Tulaele - Tafaigata - Puipaa	538	22,971	23.4
Faleata East	Sinamoga - Tuaefu - Vailoa	405	13,844	29.3
Sagaga le Falefa	Faleula - Aleisa - Tufulele	254	12,760	19.9
Vaimauga East	Fagalii - Laulii	199	8,151	24.4
Sagaga le Usoga	Malie - Tuanai	120	6,005	20.0
Anoamaa West	Leusoalii - Saoluafata/Solaua	100	4,996	20.0
Gagaemauga (Leauvaa)	Leauvaa	65	3,274	19.9
Anoamaa East	Falefa - Saletele	64	4,184	15.3
Lefaga & Faleaseela	Matafaa - Matautu	50	4,051	12.3
Aana Alofi III	Fasitoo tai - Sina	44	6,177	7.1
Aana Alofi I	Faleasiu - Lepale	41	6,471	6.3
Aiga ile Tai	Tausagi - Apolima Island	41	5,029	8.2
Aana Alofi II	Nofoalii - Leulumoega	33	3,239	10.2
Safata	Saanapu - Mulivai	32	6,335	5.1
Lotofaga	Matatufu - Vavau	26	1,841	14.1
Falelatai & Samatau	Samatau - Samai	25	3,380	7.4
Vaa o Fonoti	Faleapuna - Uafato	24	1,636	14.7
Siumu	Maninoa - Saaga	23	2,342	9.8
Falealili	Togitogiga - Sapoe	21	4,695	4.5
Aleipata Itupa i Lalo	Satitoo - Alafou	16	4,188	3.8
Faasaleleaga I	Maota - Safua	12	6,314	1.9
Aleipata Itupa i Luga	Lalomanu - Ulutogia	9	1,238	7.3
Lepa	Aufaga - Lealatele	6	1,514	4.0
Palauli le Falefa	Tafua - Gataivai	5	3,567	1.4
Salega	Sagone - Fagafau	5	3,315	1.5
Satupaitea	Moasula - Satufia	4	1,938	2.1
Gagaifomauga III	Fagae - Aopo	4	1,448	2.8
Palauli West	Taga - Foailuga	4	3,331	1.2
Faasaleleaga III	Siufaga - Saipipi	4	2,787	1.4
Gagaemauga (Salamumu)	Salamumu tai/uta	3	371	8.1
Gagaemauga I	Patamea - Mauga	2	1,717	1.2
Faasaleleaga IV	Lano - Puapua	2	1,541	1.3
Palauli East	Vailoa - Faala	2	2,381	0.8
Gagaifomauga II	Paia - Fatuvalu	1	2,043	0.5
Faasaleleaga II	Sapapalii - Vaiaata	1	2,906	0.3
Alataua West	Tufutafoe - Falelima	1	1,736	0.6
Falealupo	Falealupo - Vaotupua - Avata	1	1,092	0.9
Gagaemauga II	Saleaula	1	600	1.7
Not recorded	Not recorded	80		#DIV/0!
GRAND TOTAL		3,001	195,843	15.3