

Overview Update: 30 October 2020



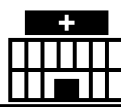
27 Feb 2019

Dengue (DENV-1) outbreak declared, DENV-2 outbreak from 2020



380

All dengue cases (probable, confirmed)



77

Cases admitted to Hospital (48 Probable, 19 DENV-1, 5 DENV-2)



11

Cases reported in the Pa Enuu. Aitutaki (n=6) and Pukapuka (5)

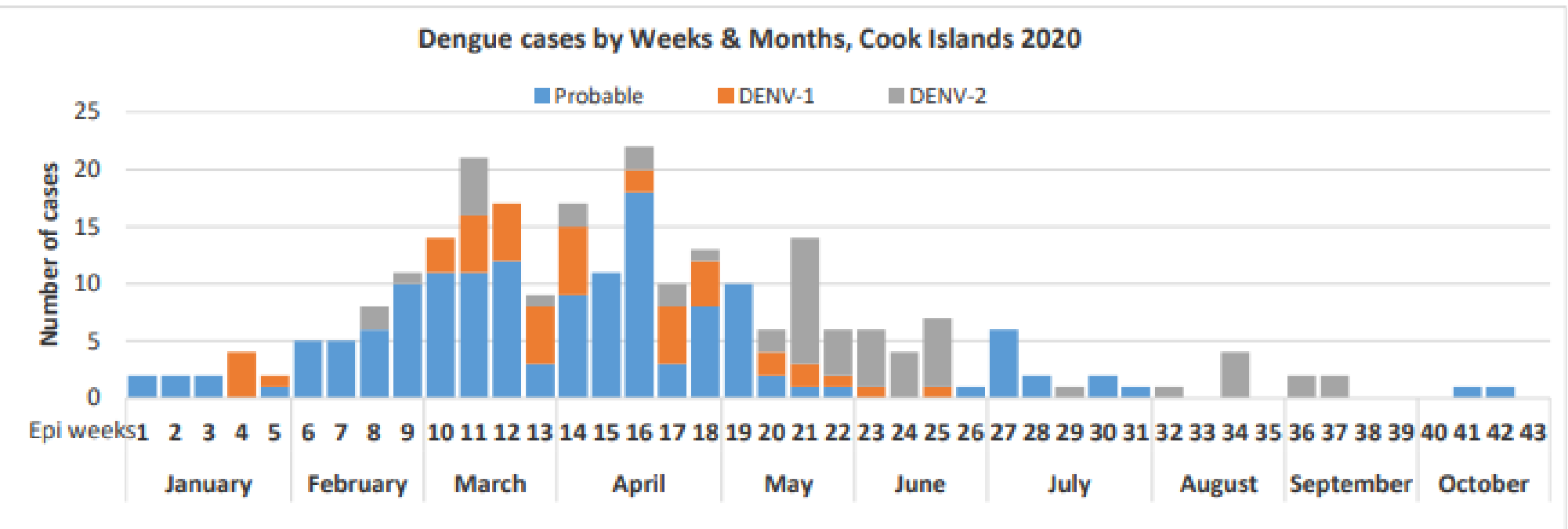
Remarks

With the declaration of the Dengue (DENV-1) outbreak in Feb 2019, public health control measures have been ongoing. DENV-2 was identified in 2020.

While most dengue cases were reported in Rarotonga, some cases were identified in the Pa Enuu - Aitutaki and Pukapuka. Control measures included:

- Public awareness campaigns
- Community involvement for national clean up days
- Tutaka - environment risk assessment
- Vector control - perifocal/block spraying

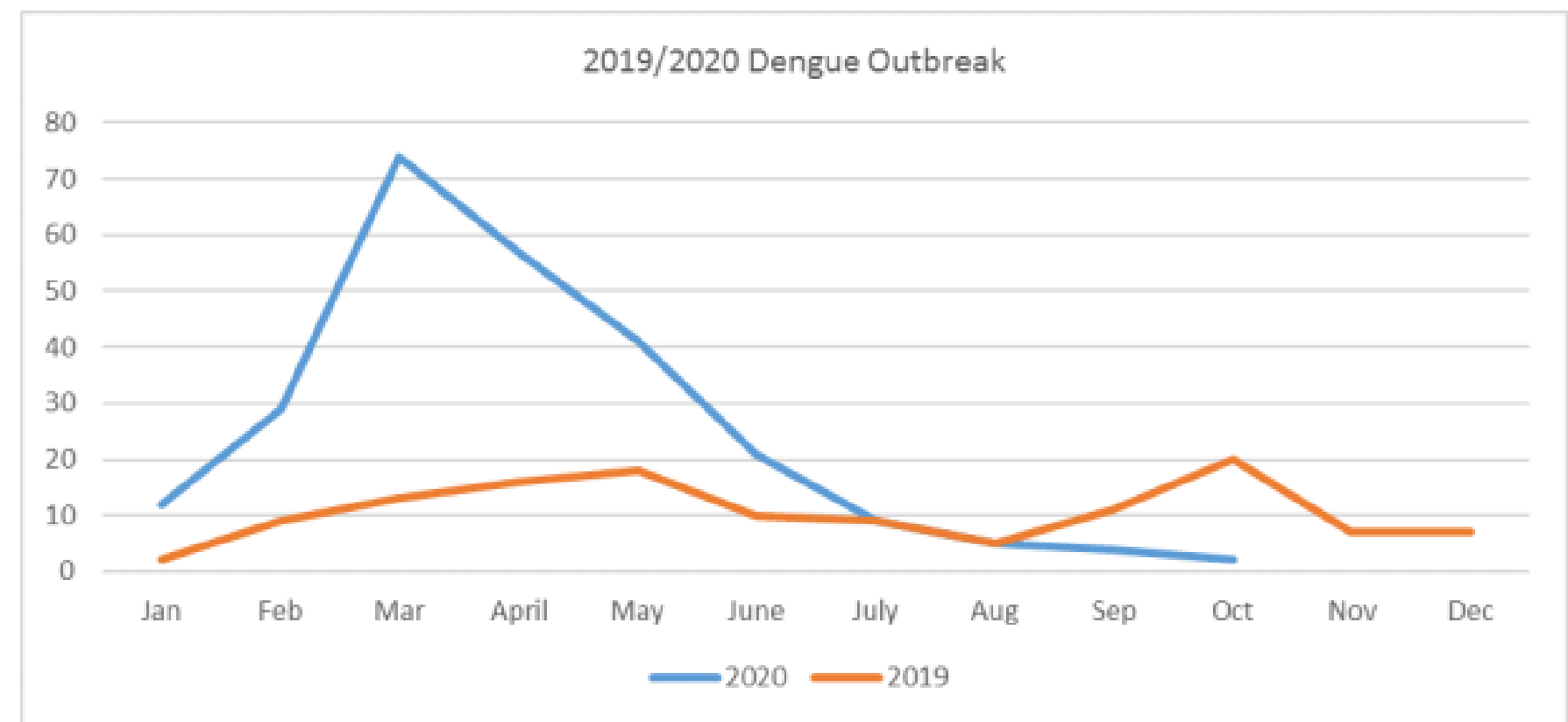
In recent months, there has been a decline in the number of dengue cases. There were two probable cases reported in the past 6 weeks (Epi weeks 38-43). The dengue outbreak in the Cook Islands has been declared over.



In the past 6 weeks (Epi weeks 38-43), two probable cases have been reported, and no confirmed cases. Age range of cases in 2020: 4 years to 84 years old. No deaths attributed to dengue infection.

Summary of Dengue Outbreak 2019/2020

Year	Outcome	DENV-1	DENV-2	Probable	Total	Hospitalised	Remarks
2019	Rarotonga	37	2	84	123		
	Aitutaki	3	1	0	4		
	Other Pa Enuu	0	0	0	0		
	Total	40	3	84	127	47	No deaths
2020	Rarotonga	47	52	147	246		
	Aitutaki	0	1	1	2		
	Pukapuka	0	5	0	5		July/August
	Other Pa Enuu	0	0	0	0		
	Total	47	58	148	253	30	No deaths
2019/2020	Total	87	61	232	380	77	0 deaths



Increase in the number of cases between the months of February and May in both years 2019 & 2020 continuing downward trend from April.