

## ESR Adult Mosquito Surveillance Report.

Over the month of July 2019, the Ministry of Health have set up six adult mosquito traps around the vicinity of the hospital.

The purpose of the adult mosquito trapping is to understand the population density and species distribution of adult mosquitoes in the area and to determine the control measures.

### Adult Mosquito Surveillance: Rarotonga Hospital July 1<sup>st</sup> to July 19 2019.

No.	Location of traps	Aedes aegypti	Aedes poly.	Culex fatigan	Culex Ann.	Total
1	Pokoinu – behind golf course - Manual trap	4	0	0	0	4
2	Maintenance Office (outside) - Manual trap	5	0	0	0	5
3	Maintenance Office (inside) - Electric trap	217	33	25	0	<b>275</b>
4	Triage - Electric trap	14	3	0	0	<b>17</b>
5	Medical ward basement - Electric trap	9	9	43	0	<b>61</b>
6	Pharmacy warehouse (inside) - Electric trap	28	2	0	0	<b>30</b>
The surveillance will continue and traps will be extended to other areas of the hospital once the numbers of mosquitoes caught at a particular location have decreased.						

\* Note: **Aedes** mosquito species transmits the Dengue, Zika, and Chikungunya virus. **Culex** mosquito species are also known to transmit other vector-borne diseases.