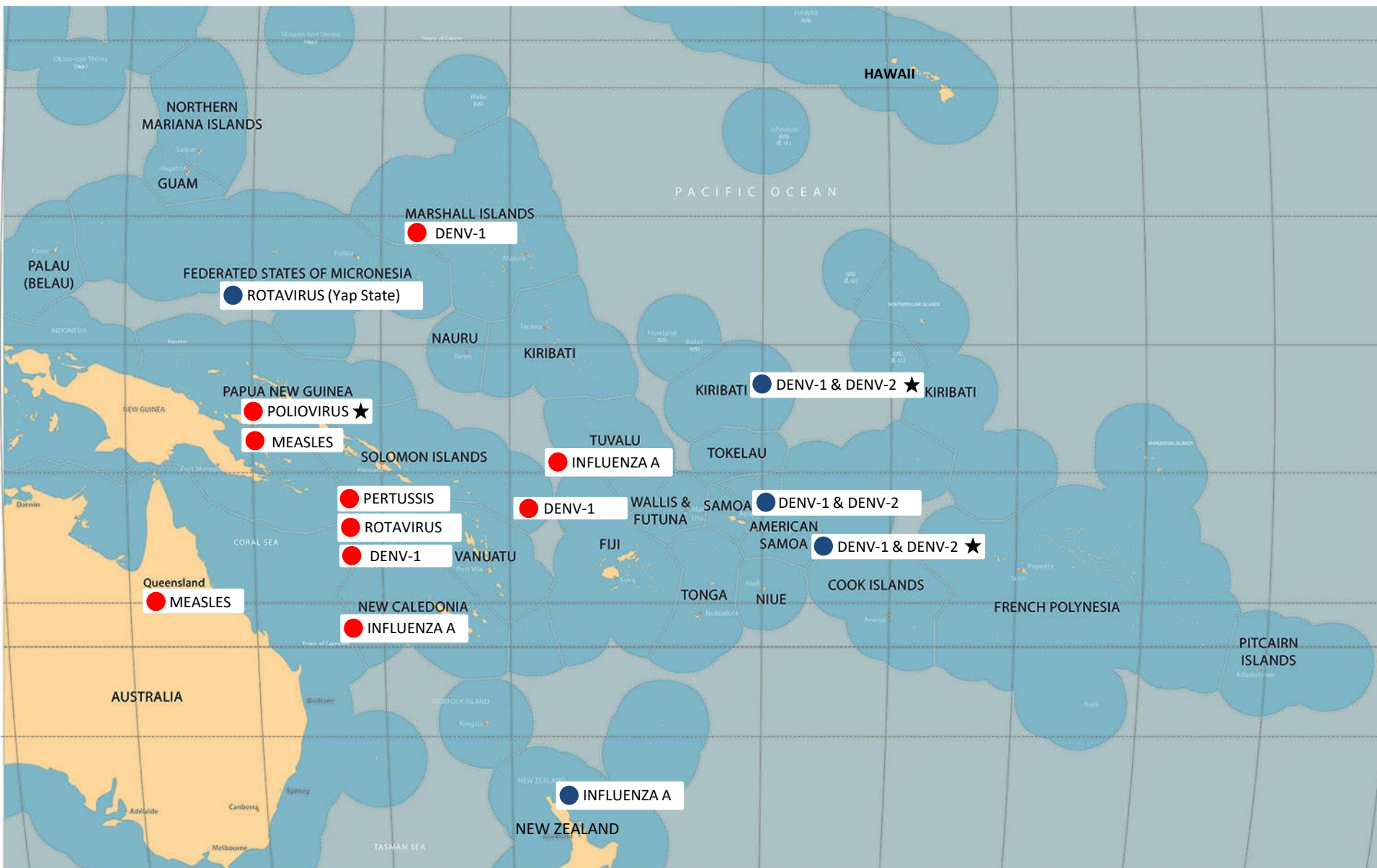


Epidemic and emerging disease alerts in the Pacific as of 13 October 2026



- Legend**
- Red dot: Cases reported are increasing or peaking
 - Blue dot: Cases reported are decreasing or circulation is ongoing.
 - Grey dot: Awaiting confirmation of aetiology.
 - Star: No update for more than 2 weeks

DENV – Dengue Virus

An interactive version of the map is available online at:
www.spc.int/phd/epidemics/



Pacific Community
 Communauté du Pacifique
 For the Pacific Public Health Surveillance Network (PPHSN)

Dengue

- Marshall Islands:** The 11th and 12th Outbreak Situation Reports on dengue in Majuro and Ebeye, covering 15 August to 05 October, record 393 specimens tested (Majuro 335, Ebeye 58) and 137 positive cases were confirmed (Majuro 114, Ebeye 23). No deaths have been reported. Cumulative hospitalisations rose to twelve (Majuro 11, Ebeye 1). The attack rate is 4.9 per 1,000 in Majuro and 2.4 per 1,000 in Ebeye, and positivity rate is 34.0 percent in Majuro and 39.7 percent in Ebeye. Only DENV-1 has been detected. In Majuro, the districts of Rita, Delap and Rairok each reported 20 or more cases. The Cabinet has approved the response plan, a dengue ward has been staffed, spatial repellents have been installed at Majuro Hospital, and surveillance has been strengthened on the neighbouring islands. **The red alert for dengue (DENV-1) remains in effect.** – Source: *Republic of the Marshall Islands Ministry of Health and Human Services, Outbreak of Dengue Fever Cases in Majuro & Ebeye, 11th and 12th Outbreak Situation Reports shared with the PPHSN Coordinating Body Focal point on 08 October 2026.*
- Vanuatu:** Situation Report #15 on the dengue outbreak reports 38 new laboratory-confirmed cases in EpiWeek 40 (28 September to 04 October), a new weekly peak: 15 from Tanna, 12 from Santo and 11 from Efate, bringing the cumulative total to 209 confirmed cases. A dengue outbreak was officially declared on Tanna Island (Tafea Province) on 02 October 2026, the third island affected, after cases without recent travel history indicated local transmission. Seventeen dengue-associated hospitalisations have been reported, all discharged, with no severe dengue and no deaths. DENV-1 has been confirmed in samples from Efate and Santo. Serotyping of Tanna samples is pending. Vector spraying is not conducted because of known insecticide resistance in the local vector population, and control relies on source reduction and community engagement. **The red alert for dengue (DENV-1) remains in effect for Vanuatu.** – Sources: *Vanuatu Ministry of Health, Dengue Outbreak on Efate, Santo and Tanna Island, Situation Report #15 shared with the PPHSN Coordinating Body Focal point on 09 October 2026 and Vanuatu Ministry of Health and Current Outbreaks, Ongoing Hazards and Recent Incidents in Vanuatu (02 October 2026) accessed on 13 October 2026.*
- Wallis and Futuna:** The Health Agency dengue dashboard, updated on 08 October 2026, reports that the dengue epidemic is continuing, with 99 confirmed or probable cases in 2026 (61 on Futuna and 38 on Wallis), against 95 on 1st October. Ten percent of cases have been hospitalised, and the mean age is 29 years. Cases are spread across villages on both islands, the largest clusters being in Ono (Futuna) and Lavegahau (Wallis). **The red alert for dengue remains in effect for Wallis and Futuna.** – Source: *Agence de Santé de Wallis et Futuna, dengue situation dashboard (08 October 2026), shared with the PPHSN Coordinating Body Focal point on 09 October 2026.*

Measles

- Papua New Guinea:** The National Department of Health weekly bulletin for EpiWeek 40 (28 September to 04 October 2026) reports 17 laboratory-confirmed measles cases in 2026, the same cumulative number reported in the previous EpiWeek, the last onset date being 15 September 2026: National Capital District 6, East Sepik 4, Western Highlands 2, and one each in the Autonomous Region of Bougainville, Central, Eastern Highlands, Enga and New Ireland. The measles-rubella vaccination campaign targets all children under seven in every district with a detected case. **The red alert for measles remains in effect for Papua New Guinea.** – Source: *Papua New Guinea National Department of Health, Public Health Events Weekly Bulletin, EpiWeek 40 shared with the PPHSN Coordinating Body Focal point on 08 October 2026.*

Pertussis

- Vanuatu:** Situation Report 6 on the pertussis outbreak in Penama Province reports 22 new cases on Ambae Island in EpiWeek 40 (28 September to 04 October), bringing the cumulative total to 627 cases, of which 4 are laboratory confirmed and 21 samples await testing. After the peak of EpiWeeks 36 and 37 (266 and 307 cases), weekly numbers fell to 01, 20 and 22 in EpiWeeks 38 to 40. The continued detection of new cases shows that community transmission has not been interrupted. Two cases have been hospitalised since the start of the outbreak, both discharged, and no death has been reported. North Ambae accounts for 52% of cases, South Ambae for 42%, and East and West Ambae for 3%. **The red alert for pertussis remains in effect for Vanuatu.** – Source: *Vanuatu Ministry of Health, Pertussis Outbreak in Penama Province, Situation Report 06 shared with the PPHSN Coordinating Body Focal point on 09 October 2026.*

Respiratory diseases

- New Caledonia:** The DASS influenza bulletin 2026-09 of 08 October 2026 reports that the epidemic continues to intensify, with 151 laboratory-confirmed cases in week 40 (28 September to 04 October), against 115 in week 39, and test positivity rate rising from 56 to 65 percent. This weekly peak exceeds those of all influenza seasons since 2022. A(H1N1)pdm09 remains largely predominant (124 of 151) and the first A(H3N2) case of the season was identified. In week 40, 74 patients were hospitalised (median age 67 years), intensive care bed occupancy peaked above 85 percent on 01 and 07 October, and acute respiratory infections accounted for 12 percent of emergency department presentations, mainly influenza. Emergency departments are under heavy pressure. The Directorate of Veterinary, Food and Rural Affairs (DAVAR) has issued a vigilance note for pig farmers on the risk of reverse zoonotic influenza, as the circulating A(H1N1) virus descends from the 2009 pandemic strain of swine origin. No suspected or confirmed case in pigs has been reported. **The red alert for influenza A remains in effect for New Caledonia.** – Sources: *Direction des Affaires Sanitaires et Sociales de Nouvelle-Calédonie, Vigilance DASS bulletin 2026-#09, influenza epidemic shared with the PPHSN Coordinating Body Focal point on 09 October 2026; DAVAR, Animal Health and Quarantine Section, information note on influenza A(H1N1) and pig farming shared with the PPHSN Coordinating Body Focal point on 08 October 2026.*
- New Zealand:** For the week ending 04 October 2026, the all-cause SARI hospitalisation rate in the Auckland region remains in the low activity band, and the influenza-positive SARI rate decreased for the fifth week in a row and remains low. Influenza remained the most commonly detected virus among SARI patients, but SARI influenza test positivity rate fell from 33.3 to 20.0 percent, and positivity rate among sentinel GP influenza-like illness cases from 23.1 to 19.4 percent. Seven respiratory illness outbreaks were reported in aged residential care facilities. Pacific peoples have had the highest cumulative rates of influenza-, RSV- and SARS-CoV-2-positive SARI hospitalisation in 2026. **The blue alert for influenza A remains in effect for New Zealand.** – Source: *PHF Science, New Zealand Acute Respiratory Illness dashboard accessed on 13 October 2026.*
- Tuvalu:** Outbreak Situational Report #1, covering 14 September to 04 October 2026, reports that Tuvalu has declared an outbreak of SARS-CoV-2 and influenza A. The first influenza A case was confirmed on 28 September, and seven influenza A cases have been laboratory-confirmed, all in the latest week. Three COVID-19 cases have been confirmed

since 23 September. Acute respiratory infections spiked from EpiWeek 37 to 38 and reached 125 cases over the period. A total of 21 nasopharyngeal swabs were tested, and two patients have been hospitalised. Children under 14 are the most affected, and all cases were detected on Fongafale. The public is advised to seek care early, stay home when symptomatic, wash hands, wear masks and cover coughs. **A red alert for influenza A is issued for Tuvalu.** – Source: *Tuvalu Ministry of Health, Outbreak of SARS-CoV-2 and Influenza A, Situational Report #1 shared with the PPHSN Coordinating Body Focal point on 11 October 2026.*

Rotavirus

- Federated States of Micronesia:** Situation Report #20 on the diarrhoeal outbreak in Yap State, dated 08 October 2026, reports 16 new cases between 02 and 08 October, nine of them from Mogmog (Ulithi Atoll), bringing the cumulative total to 256. There have been 14 admissions since the outbreak began, 12 of them children, and no deaths. The Yap weekly bulletin for EpiWeek 40 shows diarrhoea on alert for a seventh consecutive week, rising from 15 to 23 cases, driven by a new cluster on Mogmog. Recent laboratory results show mostly adenovirus and norovirus, after rotavirus predominated in earlier weeks. Case counts remain above the alert threshold, indicating ongoing transmission. **The blue alert for rotavirus remains in effect for the Federated States of Micronesia (Yap State).** – Sources: *Yap State Diarrhoeal Outbreak Situation Report #20 shared with the PPHSN Coordinating Body Focal point on 09 October 2026 and Yap State Department of Health Services, Communicable Disease Weekly Bulletin, EpiWeek 40 shared with the PPHSN Coordinating Body Focal point on 08 October 2026.*
- Vanuatu:** Situation Report No. 7 on the rotavirus outbreak in Tafea Province reports 117 acute watery diarrhoea cases in EpiWeek 40 (28 September to 04 October), bringing the cumulative total to 1,257 cases, three of them laboratory confirmed. Case numbers have declined since EpiWeek 38 but remain above the alert threshold of 34 cases per week. Tanna accounts for 98% of cases and Aneityum for 2%, and children under five account for most cases. Forty-six patients have been hospitalised since EpiWeek 33, and one death, in a one-year-old child, was reported in EpiWeek 35. In Sanma Province, where a rotavirus outbreak has been declared on Santo, 103 acute watery diarrhoea cases were reported between 24 August and 20 September, with four laboratory-confirmed rotavirus cases in children under two. **The red alert for rotavirus remains in effect for Vanuatu.** – Sources: *Vanuatu Ministry of Health, Rotavirus Outbreak in Tanna and Aneityum Island, Situation Report No. 7 shared with the PPHSN Coordinating Body Focal point on 09 October 2026 and Vanuatu Ministry of Health and Current Outbreaks, Ongoing Hazards and Recent Incidents in Vanuatu (02 October 2026) accessed on 13 October 2026.*

Other Information:

Dengue

- Hawai'i:** On 09 October 2026, the Hawai'i Department of Health reported another travel-related dengue case on O'ahu. It is the eighth dengue case reported in Hawai'i in 2026. No local transmission has been identified, and mosquito control was carried out in the affected area. – Source: *Hawai'i Department of Health, DOH reports another travel-related dengue virus case, accessed on 13 October 2026.*
- New Zealand:** In surveillance week 40 (03 to 09 October 2026), three dengue cases were notified in New Zealand: one confirmed after travel to India, one probable in a person who had been to Fiji during the incubation period, and one under investigation. Year to date, 363 confirmed and 29 probable dengue cases have been notified, all with overseas exposure. – Source: *PHF Science, NZ Arbovirus Notifications by Country, week 40 shared with the PPHSN Coordinating Body Focal point on 12 October 2026.*

Measles

- New Zealand:** On 08 October 2026, Health New Zealand confirmed a new measles case in Wellington linked to international travel. Locations of interest visited while infectious have been published for the Wairarapa and the Wellington, Hutt and Kāpiti regions, and the National Public Health Service is supporting the person and close contacts. – Source: *Health New Zealand, New measles case in Wellington linked to international travel, accessed on 13 October 2026.*

Respiratory diseases

- Australia:** Influenza activity remains elevated nationally, with 31,571 cases notified between 21 September and 04 October 2026, down 3 percent from the previous fortnight, but some jurisdictions continue to report increases and influenza A(H1N1) activity has risen in Tasmania and Western Australia. Sentinel laboratory influenza positivity rose from 9.6 to 15.2 percent, and sentinel intensive care SARI admissions from 234 to 312, mostly influenza. – Source: *Australian Centre for Disease Control, Australian Respiratory Surveillance Report, 21 September to 04 October 2026 accessed on 13 October 2026.*
- French Polynesia:** The health surveillance bulletin no. 36, covering data to EpiWeek 40 (28 September to 04 October 2026), reports four influenza cases in EpiWeek 40: three influenza A, two of them subtyped A(H3N2), and one undetermined with one case required hospitalisation. Influenza, COVID-19 and RSV circulation remains low, in an inter-epidemic phase. One pertussis case was also detected in a child on Raiatea in week 40, and a contact tested positive in week 41. The influenza and COVID-19 vaccination campaign will start on 26 October 2026. – Source: *Agence de régulation de l'action sanitaire et sociale (ARASS), Bulletin de Surveillance Sanitaire de Polynésie française n°36, shared with the PPHSN Coordinating Body Focal point on 13 October 2026.*
- Tonga:** The weekly syndromic surveillance report for EpiWeek 40 (28 September to 04 October 2026) records 99 influenza-like illness cases, the sixth consecutive weekly increase and the highest weekly count of 2026, and severe acute respiratory infections rose from 5 to 14, above the alert threshold. Between 03 August and 04 October, 89 of 224 tested ILI cases (39.7 percent) were positive for influenza A, and 47 SARI patients were hospitalised. Three deaths occurred among SARI cases, two of them laboratory-confirmed influenza A. – Sources: *Tonga Ministry of Health, Weekly Communicable Diseases Syndromic Surveillance, EpiWeek 40, shared with the PPHSN Coordinating Body Focal point on 09 October 2026.*
- Wallis and Futuna:** The Health Agency multi-source surveillance dashboard, updated on 12 October 2026, shows influenza-like syndromes on Futuna rising sharply from 3 in week 39 to 31 in week 40 (28 September to 04 October), the highest weekly level since April, still below the alert threshold of 48. – Source: *Agence de Santé de Wallis et Futuna, multi-source surveillance dashboard accessed on 13 October 2026.*