Thailand introduced the 1-3-7 malaria surveillance strategy in its National Malaria Elimination Strategy 2017–2026. The 1-3-7 strategy aims to identify infections rapidly and to use timely and active surveillance and response to prevent them from spreading.

**Protocols**

**Case reporting within 1 day**
Health facility staff report each confirmed case to district-level staff within 1 day to ensure timely follow-up.

- Patient receives treatment
- Health staff updates patient information to the system
- Health staff reports case within 24 hours

**Case investigation within 3 days**
Health staff conduct a case investigation within 3 days to identify where the patient contracted malaria and to classify the case as imported or indigenous.

- Form helps identify transmission source
- Data are uploaded to the database

**Community response within 7 days**
Health staff conduct a focus investigation and deploy appropriate interventions, including reactive case detection, diagnosis and treatment, and vector control measures.

- Screening 50 people within 1–2 km
- Distributing 1 net per 2 persons
- Spraying at least 90% of households

**Success factors**

- The Malaria Elimination Steering Committee integrates budgets across several ministries and the World Health Organization.
- Community authorities have the flexibility to tailor local budgets to meet their specific malaria elimination needs.

**Results**

Since 2017, the first year of full implementation, Thailand's malaria cases have declined from 14,954 to just 2,835 in 2021.

- On-time case notification improved to 89.3% (+64.9%)
- On-time case investigations improved to 96.5% (+38.5%)
- On-time foci investigations improved to 87.2% (+49.3%)
- Malaria cases fell by 81% since the strategy's launch (-81%)

**ZERO malaria 2024**

**Inform Asia: USAID's Health Research Program**
Inform Asia promotes the generation and use of evidence-based strategic information to support malaria elimination in Thailand and Laos PDR. Inform Asia is supported by the United States President's Malaria Initiative.