



กรมควบคุมโรค

Department of Disease Control

# Rabies Free Area Initiative to Phuket Rabies Free Province, Thailand

---

ONPHIRUL YURACHAI

DEPARTMENT OF DISEASE CONTROL

THAILAND MOPH



กรมควบคุมโรค  
Department of Disease Control

# Topics

---

- Thailand rabies situation
- 1 Region 1 District Rabies Free Area
- Lesson learn

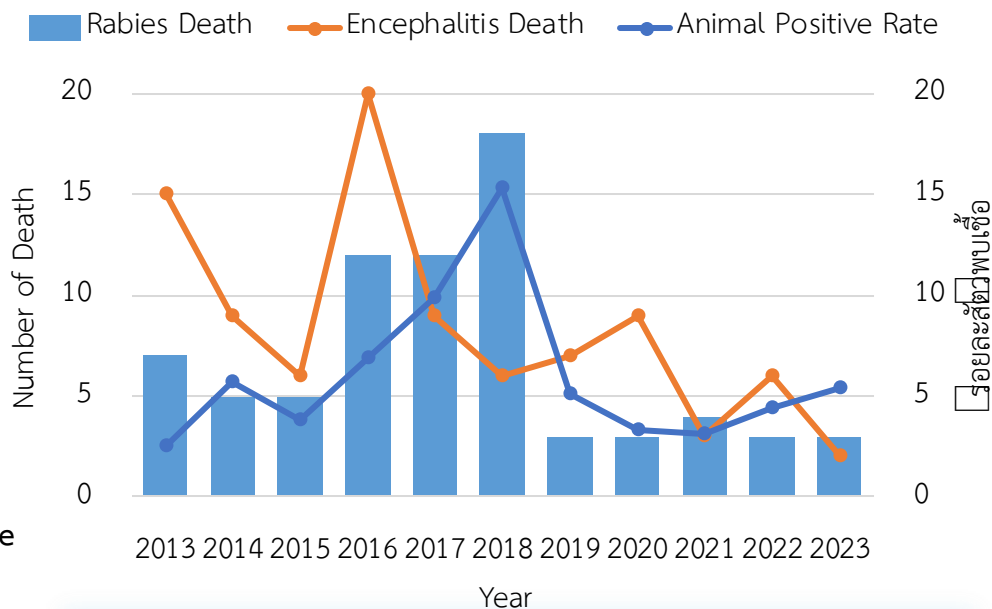


# Rabies Situation in Thailand

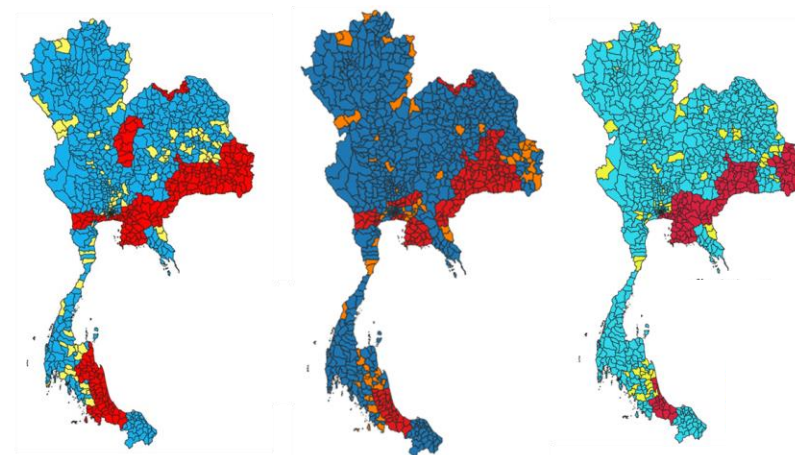


กรมควบคุมโรค  
Department of Disease Control

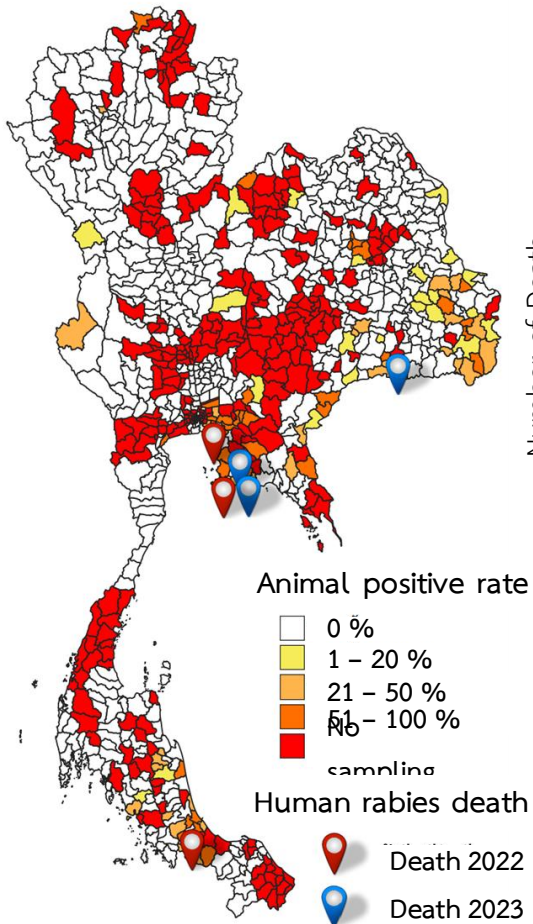
Number of rabies death, Encephalitis unspecified death (A86) and Animal Positive Rate 2013-2023



Rabies Risk Area



Risk Level	2022	2023	2024
High Risk	20 Prov. 236 Dist.	14 Prov. 156 Dist.	11 Prov. 137 Dist.
Moderate Risk	37 Prov. 91 Dist.	34 Prov. 74 Dist.	35 Prov. 66 Dist.
Monitored	59 Prov. 599 Dist.	63 Prov. 696 Dist.	66 Prov. 723 Dist.



- As of 21 Sep 2023, 3 human rabies death have been found in Chonburi, Rayong and Surin province
- All have never seek doctor as a result of no PEP received
- 67% of death contacted from dogs and 50% of those were owned dogs

- Thailand has evaluate the rabies risk area annually, the number of high risk area has been decreasing. In the other hand, the number of monitoring area has been increasing annually
- This can be the significant indicator the successful of rabies prevention and control measure



# 1 Region 1 District Rabies Free Area

	Q 1			Q 2			Q 3			Q 4		
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.
National level	<ul style="list-style-type: none"> <li>Integrating policy transfer</li> </ul>			<ul style="list-style-type: none"> <li>Measure transfer</li> <li>Provide PreP</li> </ul>		<ul style="list-style-type: none"> <li>Policy driving</li> <li>Improve measure and gap</li> </ul>	<ul style="list-style-type: none"> <li>Monitor operation</li> <li>evaluation</li> </ul>					
Regional level	<ul style="list-style-type: none"> <li>Financial support</li> <li>Policy implementation</li> <li>Select pilot province</li> </ul>			<ul style="list-style-type: none"> <li>1<sup>st</sup> monitoring and evaluation</li> <li>Close gap</li> </ul>		<ul style="list-style-type: none"> <li>Community communication</li> <li>Operational support</li> <li>2<sup>nd</sup> monitoring and evaluation</li> </ul>			<ul style="list-style-type: none"> <li>report</li> </ul>			
Provincial level	<ul style="list-style-type: none"> <li>Select pilot district</li> <li>Pushing self assessment in pilot district</li> <li>Establish rabies free zone committee</li> </ul>			<ul style="list-style-type: none"> <li>2<sup>nd</sup> self assessment (in non pass area)</li> <li>Close gap</li> </ul>			<ul style="list-style-type: none"> <li>Rabies free zone announcement</li> </ul>			<ul style="list-style-type: none"> <li>report</li> </ul>		



- Integrating Policy Transfer
- Select area



- Policy transfer vertically
- Conduct self assessment



- Policy pushing and support
- Close GAP
- Evaluate and certify



- Monitoring and evaluation
- Report



# Phuket Rabies Situation and Assessment Result

Andaman sea



Phuket province, the biggest Island of Thailand, is located in southern Thailand.

- area of 576 km<sup>2</sup> (222 sq mi)
- 3 districts and 17 subdistricts

Criteria	Index	อ.เมือง	อ.กะทู้	อ.ถลาง
1. Human situation	1.1 No human death not less than 2 years	✓	✓	✓
	1.2 Encephalitis unspecify death surveillance	✓	✓	✓
2. Animal situation	2.1 At least 2 years nimal passive surveillance	✓	✓	✓
	2.2 At least 2 years animal active surveillance	✓	✓	✓
	2.3 No rabies in animal not less than 2 years	✓	✓	✓
3. Animal survey	3.1 Conduct animal population survey	✓	✓	✓
4. Animal rabies vaccination	4.1 Animal vaccine coverage not less than 80%	✓	✓	✓
	4.2 Have animal vaccine management program			
5. Animal population control	5.1 Stray dog management		✓	
	5.2 Surveillance for animal movement	✓	✓	✓
6. Rabies free status sustainability	6.1 Area sector coordination			
	6.2 Risk communication and public relation		✓	
	6.3 More than 80% of survey pop. pass knowledge			



# Success Story of Rabies Free Zone Polity 2023



กรมควบคุมโรค  
Department of Disease Control

Rabies policy under Animals Free of Rabies: Human Are Safe From The Disease Project Under The Wish of Her Royal Highness Princess Chulabhorn Krom Phra Srisavangavadhana

Rabies endemic area  
46 Provinces  
203 District

Rabies non endemic area  
66 Provinces  
723 District

Prevention

Detection

Response

- Develop response plan
- Risk communication
- Reduce animal bitten rate
- Ect.

- Surveillance
- Bite case tracing

- 1-2-3 Measure



Conduct "Rabies Free Zone" Project

- Develop tools

- Policy pushing

- Strengthen collaboration

Pakchong,  
Korat  
13 Jun 23



- To promote awareness among people and gain their cooperation
- To announce the aim of rabies elimination in the district
- To get commitment among provincial executives
- Number of participant: 252



Meung, Phuket 6-7 Jul 23

- To exchange knowledge and attitude on rabies in the area
- To announce the aim of rabies elimination
- To push the first rabies free zone in provincial level
- Number of participant: 568





# Lesson Learn

“1 Region 1 (New) District”



“1 Region 10 District”

บทเรียนที่ได้	การต่อยอด
1. The cooperation between sector, especially, in horizontal level is needed and should communicate seamlessly.	<ol style="list-style-type: none"> <li>1. <b>National level</b> should emphasize in policy pushing, together with stakeholder and the policy of each sector should be in the same direction</li> <li>2. <b>Local level</b> Should strengthen on collaboration between sector</li> </ol>
2. Some measure is ,sometimes, still unclear for operator. (In terms of criteria)	<ol style="list-style-type: none"> <li>1. <b>National level</b> should train or coach relevant stakeholder</li> <li>2. <b>Local level</b> should give the opportunity for operator in all relevant sector to exchange knowledge and method on rabies free zone establishment including close gap together</li> </ol>
3. In the rabies free area selecting, the selected area should come from commitment from relevant sector.	<ol style="list-style-type: none"> <li>1. <b>National level</b> should commit the target and communicate to local level</li> <li>2. <b>Local level</b> should conduct the meeting to get the commitment between stakeholder</li> </ol>
4. Provincial governor is the key factor on rabies free zone	<ol style="list-style-type: none"> <li>1. <b>National level</b> should push policy regarding to have governor to be a leader</li> <li>2. <b>Local level</b> should conduct the monitoring and evaluation process via national communicable disease committee</li> </ol>