

# MEASLES-RUBELLA



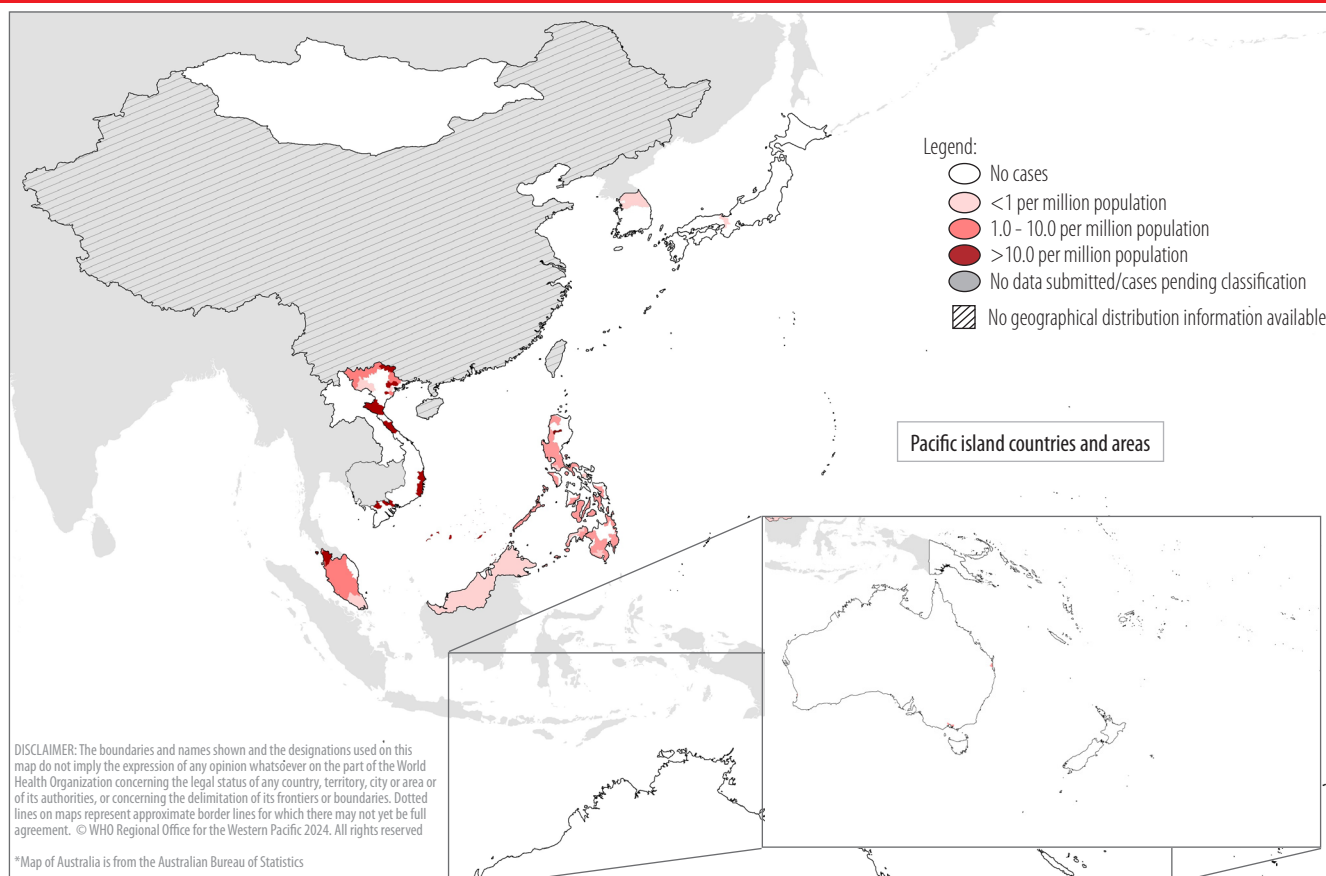
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*Bulletin*

**Figure 1. Incidence rate of measles cases with rash onset 1-31 December 2024, WHO Western Pacific Region**



Source: National measles and rubella monthly reports to the Western Pacific Regional Office by 20 January 2025

**Table 1. Status of measles elimination and numbers of confirmed<sup>1</sup> and total<sup>2</sup> measles cases by month of rash onset, October–December 2024, WHO Western Pacific Region**

Country/area*	Year elimination verified	October		November		December		Cumulative total for 2024 <sup>3</sup>	
		No. of confirmed	Total no. of cases	No. of confirmed	Total no. of cases	No. of confirmed	Total no. of cases	No. of confirmed	Total no. of cases
Australia <sup>4</sup>	2014	0	0	6	6	7	7	56	56
Brunei Darussalam	2015	0	0	0	0	0	0	0	0
China, Hong Kong SAR	2016	0	0	1	1	0	0	9	9
China, Macao SAR	2014	0	0	0	0	0	0	0	0
Japan	2015	9	9	4	4	2	2	42	42
New Zealand	2017	0	0	1	1	0	0	1	1
Republic of Korea	2014	0	0	0	0	2	2	49	49
Singapore	2018	1	1	1	1	1	1	12	12
Cambodia	-	0	0	0	0	0	0	4	4
China	-	73	96	76	87	-	-	1 036	1 058
Lao People's Democratic Republic	-	0	0	0	0	0	0	1	1
Malaysia	-	128	136	196	211	82	107	3 456	3 753
Mongolia	-	0	0	0	0	0	0	12	12
Papua New Guinea	-	0	0	0	0	0	0	0	0
Philippines	-	25	240	19	310	9	191	670	4 002
Viet Nam	-	312	331	473	510	472	528	1 916	2 109
Pacific island countries and areas	-	0	0	0	0	0	0	0	0
Western Pacific Region	-	548	813	777	1 131	575	838	7 264	11 108

<sup>1</sup> No. of confirmed cases includes laboratory confirmed and epi-linked cases

<sup>2</sup> Total no. of cases includes confirmed cases and clinically compatible cases

<sup>3</sup> May include cases with unknown month of rash onset and/or partial data for the most recent month

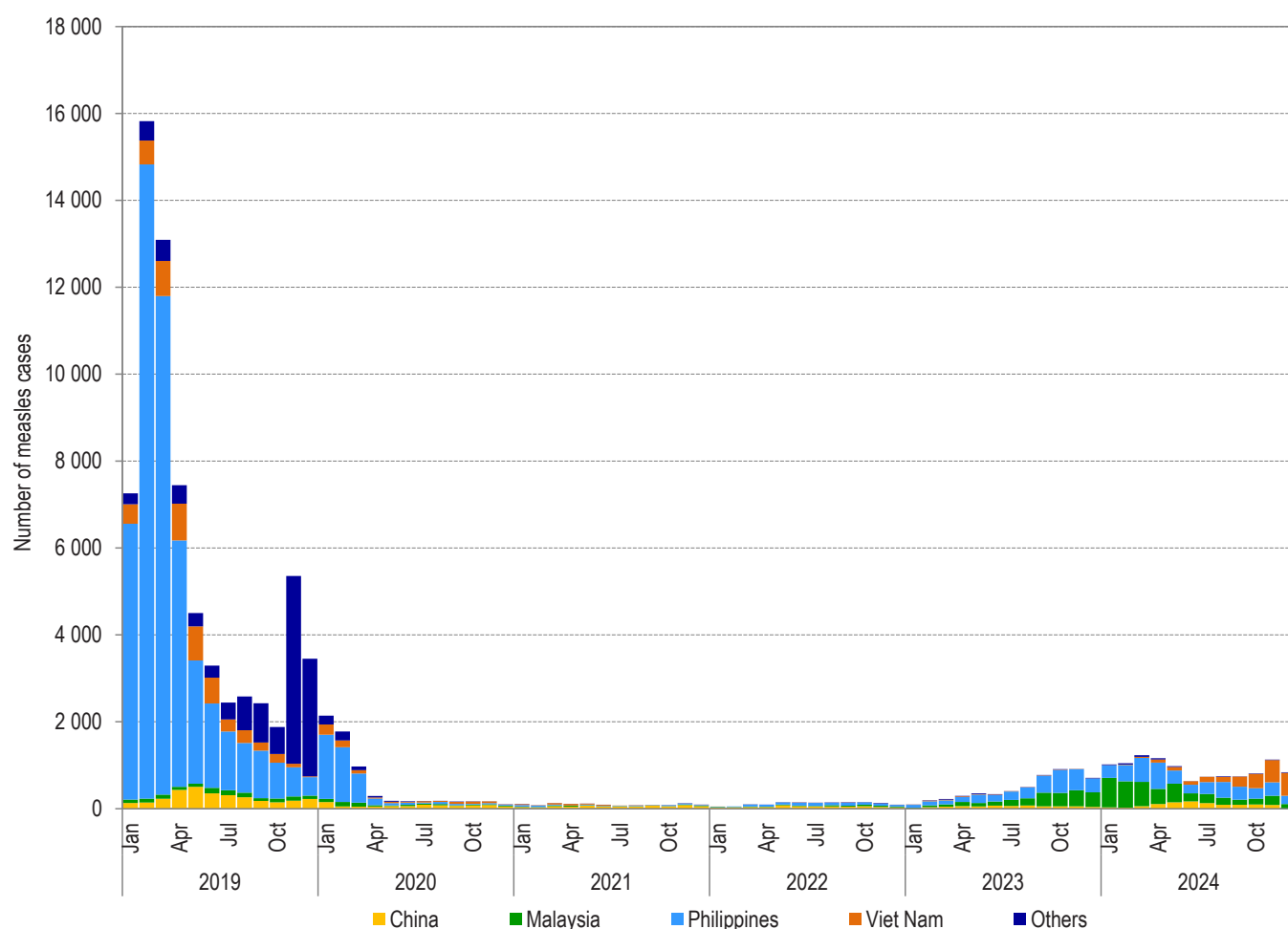
<sup>4</sup> Reports confirmed cases only

Source: National measles and rubella monthly reports to the Western Pacific Regional Office by 20 January 2025

\*Within this bulletin, countries are grouped by measles elimination status and listed in an alphabetical order within each group (in Table 5, countries are grouped by rubella elimination status).

\*\*Most cases from Cambodia are still pending final classification here and throughout the bulletin.

**Figure 2. Total (confirmed and compatible) measles cases by month of rash onset, WHO Western Pacific Region, 2019–2024**



Source: National measles and rubella monthly reports to the Western Pacific Regional Office by 20 January 2025

**Table 2. Number of confirmed measles cases by source of infection, WHO Western Pacific Region, 2023–2024**

Country/Area	2023						2024					
	No. of confirmed cases	Source of infection				% of cases with known source of infection	No. of confirmed cases	Source of infection				% of cases with known source of infection
		Imported	Import-related	Endemic	Unknown/not reported			Imported	Import-related	Endemic	Unknown/not reported	
Australia	26	20	5	0	1	96.2%	56	36	19	0	0	98.2%
Brunei Darussalam	1	1	0	0	0	100.0%	0	0	0	0	0	-
China, Hong Kong SAR	4	3	0	0	1	75.0%	9	6	0	0	3	66.7%
China, Macao SAR	0	-	-	-	-	-	0	0	0	0	0	-
Japan	28	7	6	0	15	46.4%	42	12	18	0	12	71.4%
New Zealand	14	3	1	0	10	28.6%	1	0	0	0	0	-
Republic of Korea	7	6	1	0	0	100.0%	49	18	31	0	0	100.0%
Singapore	8	2	0	0	6	25.0%	12	4	0	0	8	33.3%
Cambodia	11	0	0	0	11	0.0%	4	0	0	0	4	0.0%
China	595	0	0	0	595	0.0%	1 036	0	0	0	1 036	0.0%
Lao People's Democratic Republic	2	0	0	0	2	0.0%	1	0	0	0	1	0.0%
Malaysia	1 968	4	0	1 964	0	100.0%	3 456	3	0	3 127	326	90.6%
Mongolia	0	-	-	-	-	-	12	0	0	0	12	0.0%
Papua New Guinea	12	0	0	0	12	0.0%	0	0	0	0	0	-
Philippines	546	3	0	43	500	8.4%	670	11	0	109	550	17.9%
Viet Nam	15	0	0	0	15	0.0%	1 916	0	0	0	1 916	0.0%
Pacific island countries and areas	0	-	-	-	-	-	0	0	0	0	0	-
Western Pacific Region	3 237	49	13	2 007	1 168	63.9%	7 264	90	68	3 236	3 868	46.7%

Source: National measles and rubella monthly reports to the Western Pacific Regional Office by 20 January 2025

Blue	No measles cases
Green	≥80%
Yellow	60–79%
Red	<60%

**Table 3. Measles case classification and incidence by country and area, WHO Western Pacific Region, 2020–2024**

Country/area	2020		2021		2022		2023		2024										
	Total confirmed and clinically compatible <sup>1</sup>	Measles incidence per 1 million pop	Total confirmed and clinically compatible <sup>1</sup>	Measles incidence per 1 million pop	Total confirmed and clinically compatible <sup>1</sup>	Measles incidence per 1 million pop	Total confirmed and clinically compatible <sup>1</sup>	Measles incidence per 1 million pop	Population (in millions) <sup>2</sup>	Suspected measles cases	Pending classification	Discarded cases <sup>3</sup>	Measles cases					Deaths due to measles	Rash onset of last confirmed measles case
													Clinically compatible	Lab	Epi-linked	Total confirmed and clinically compatible <sup>1</sup>	Annualized measles incidence per 1 million pop		
Australia <sup>1</sup>	25	1.0	0	0.0	7	0.3	26	1.0	26.6	NA <sup>3</sup>	0	0	0	56	0	56	2.1	0	27-Dec-24
Brunei Darussalam	0	0.0	0	0.0	0	0.0	1	2.2	0.5	20	0	20	0	0	0	0	0.0	0	28-Dec-23
China, Hong Kong SAR	1	0.1	1	0.1	3	0.4	4	0.5	7.7	33	0	24	0	9	0	9	1.2	0	10-Nov-24
China, Macao SAR	0	0.0	0	0.0	0	0.0	0	0.0	0.7	24	0	24	0	0	0	0	0.0	0	6-May-19
Japan	12	0.1	6	0.0	5	0.0	28	0.2	1 24.5	753	6	705	0	42	0	42	0.3	0	17-Dec-24
New Zealand	7	1.4	0	0.0	0	0.0	14	2.7	5.0	234	0	233	0	1	0	1	0.2	0	9-Nov-24
Republic of Korea	6	0.1	0	0.0	1	0.0	7	0.1	51.3	510	0	461	0	49	0	49	1.0	0	23-Dec-24
Singapore	14	2.4	1	0.2	6	1.0	11	1.8	6.0	28	0	16	0	12	0	12	2.0	0	16-Dec-24
Cambodia	379	23.3	5	0.3	13	0.8	11	0.7	17.6	2 240	1 733	503	0	4	0	4	0.2	0	22-Jun-24
China	867	0.6	554	0.4	562	0.4	648	0.5	1 455.3	37 075	645	35 372	22	1 032	4	1 058	0.7	0	30-Nov-25
Lao People's Democratic Republic	135	18.6	2	0.3	0	0.0	2	0.3	7.7	332	2	329	0	1	0	1	0.1	0	2-Jan-24
Malaysia	478	14.5	128	3.8	209	6.2	2 002	58.7	34.0	13 846	518	9 575	297	3 216	240	3 753	110.5	0	29-Dec-24
Mongolia	0	0.0	0	0.0	0	0.0	0	0.0	3.5	227	0	215	0	12	0	12	3.5	0	13-Aug-24
Papua New Guinea	4	0.4	0	0.0	0	0.0	12	1.2	9.6	45	1	44	0	0	0	0	0.0	0	30-Jun-23
Philippines	3 723	33.5	218	1.9	589	5.1	2 887	24.8	115.4	6 752	0	2 750	3 332	670	0	4 002	34.7	0	11-Dec-24
Viet Nam	713	7.4	163	1.7	27	0.3	103	1.0	100.4	8 370	5 567	694	193	1 504	412	2 109	21.0	0	31-Dec-24
Pacific island countries and areas <sup>4</sup>	75	21.8	0	0.0	0	0.0	0	0.0	3.6	245	0	245	0	0	0	0	0.0	0	5-Mar-20
Western Pacific Region	6 370	3.3	1 078	0.6	1 422	0.7	5 756	3.0	1 969.4	70 734	8 472	51 210	3 844	6 608	656	11 108	5.6	0	

<sup>1</sup> Includes clinically compatible, laboratory confirmed and epi-linked cases

<sup>2</sup> United Nations, Department of Economic and Social Affairs, Population Division World Population Prospects 2022 revision

<sup>3</sup> Australia reports confirmed cases only

Source: National measles and rubella monthly reports to the Western Pacific Regional Office by 20 January 2025

Green	<1.0 confirmed measles cases / 1 000 000 population
Yellow	1.0–9.9 confirmed measles cases / 1 000 000 population
Red	10.0–19.9 confirmed measles cases / 1 000 000 population
Dark red	≥ 20.0 confirmed measles cases / 1 000 000 population

**Table 4. Measles surveillance performance indicators by country and area, WHO Western Pacific Region, 2023–2024**

Country/Area	2023				2024			
	Discarded non-measles rate per 100 000 pop	Second level units with ≥ 2 discarded cases per 100 000 pop [annualized] <sup>1</sup>	Suspected cases with adequate investigation	Suspected cases with adequate specimens for laboratory confirmation <sup>2</sup>	Discarded non-measles rate per 100 000 pop	Second level units with ≥ 2 discarded cases per 100 000 pop [annualized] <sup>1</sup>	Suspected cases with adequate investigation	Suspected cases with adequate specimens for laboratory confirmation <sup>2</sup>
	≥ 2	≥ 80%	≥ 80%	≥ 80%	≥ 2	≥ 80%	≥ 80%	≥ 80%
Australia <sup>3</sup>	Insufficient data	Insufficient data	Insufficient data	Insufficient data	Insufficient data	Insufficient data	Insufficient data	Insufficient data
Brunei Darussalam	5.3	Not applicable	100.0%	100.0%	4.4	Not applicable	100.0%	95.0%
China, Hong Kong SAR	0.0	Not applicable	100.0%	83.3%	0.3	Not applicable	87.9%	87.9%
China, Macao SAR	2.3	Not applicable	100.0%	100.0%	3.5	Not applicable	95.8%	100.0%
Japan	0.4	0.0%	Insufficient data	Insufficient data	0.6	0.0%	Insufficient data	Insufficient data
New Zealand	8.9	85.0%	Insufficient data	Insufficient data	4.7	65.0%	Insufficient data	Insufficient data
Republic of Korea	0.5	5.9%	95.8%	96.2%	0.9	11.8%	96.9%	95.1%
Singapore	0.1	Not applicable	100.0%	68.8%	0.3	Not applicable	92.9%	85.7%
Cambodia	5.7	84.0%	93.4%	99.7%	2.9	28.0%	93.2%	98.3%
China	2.3	74.2%	99.3%	98.5%	2.4	90.3%	99.4%	98.4%
Lao People's Democratic Republic	2.6	55.6%	18.6%	17.5%	4.3	44.4%	6.6%	6.6%
Malaysia	25.2	87.5%	86.2%	97.9%	28.2	100.0%	89.4%	98.1%
Mongolia	3.2	45.5%	100.0%	100.0%	6.2	54.5%	94.7%	98.2%
Papua New Guinea	1.5	25.0%	69.2%	74.0%	0.5	10.0%	Insufficient data	Insufficient data
Philippines	1.9	44.4%	44.4%	45.4%	2.4	44.4%	52.5%	55.6%
Viet Nam	0.4	9.5%	3.3%	31.5%	0.7	15.9%	Insufficient data	49.2%
Pacific island countries and areas <sup>4</sup>	5.7	10.0%	97.4%	95.2%	6.8	10.0%	90.2%	93.9%
Western Pacific Region	2.6	36.9%	88.1%	90.3%	2.6	33.9%	79.5%	86.7%

<sup>1</sup> This indicator is not applicable for countries which have no second-level administrative units

<sup>2</sup> Adequate specimen defined as blood specimen collected within 28 days of rash onset or other specimen (throat swab, nasopharyngeal swab, cerebrospinal fluid, urine) collected within 5 days of rash onset; excludes epidemiologically-linked cases

<sup>3</sup> Reports only confirmed cases

<sup>4</sup> Surveillance performance indicators refer to all the Pacific island countries and areas as one epidemiological bloc; each country is considered as second level unit

Source: National measles and rubella monthly reports to the Western Pacific Regional Office by 20 January 2025

Green	Reached or surpassed target
Yellow	Nearly reached target: 1.0–1.9 for non-measles suspected case rate; 60.0–79.9% for other indicators
Red	Substantially below target

**Table 5. Status of rubella elimination and rubella case classification and incidence by country and area, WHO Western Pacific Region, 2020–2024**

Country/area	Year elimination verified	2020		2021		2022		2023		2024								
		Total confirmed and clinically compatible <sup>1</sup>	Rubella incidence per 1 million pop	Total confirmed and clinically compatible <sup>1</sup>	Rubella incidence per 1 million pop	Total confirmed and clinically compatible <sup>1</sup>	Rubella incidence per 1 million pop	Total confirmed and clinically compatible <sup>1</sup>	Rubella incidence per 1 million pop	Population (in millions) <sup>2</sup>	Investigated for rubella	Pending classification	Discarded cases <sup>3</sup>	Rubella cases				
														Clinically compatible	Lab	Epi-linked	Total confirmed and clinically compatible <sup>1</sup>	Annualized rubella incidence per 1 million pop
Australia <sup>3</sup>	2018	-	-	-	-	-	-	-	-	26.6	-	-	-	-	-	-	-	-
Brunei Darussalam	2018	0	0.0	0	0.0	0	0.0	0	0.0	0.5	20	0	20	0	0	0	0	0.0
China, Hong Kong SAR	2021	4	0.5	2	0.3	1	0.1	1	0.1	7.7	4	0	4	0	0	0	0	0.0
China, Macao SAR	2018	3	4.5	0	0.0	0	0.0	0	0.0	0.7	24	0	24	0	0	0	0	0.0
New Zealand	2017	-	-	0	0.0	-	-	-	-	5.0	0	-	-	-	-	-	-	-
Republic of Korea	2017	2	0.0	0	0.0	0	0.0	0	0.0	51.3	494	0	494	0	0	0	0	0.0
Singapore	2022	10	1.7	0	0.0	7	1.2	3	0.5	6.0	9	0	8	1	0	0	1	0.2
Cambodia	-	40	2.5	10	0.6	18	1.1	21	1.2	17.6	509	0	498	0	11	0	11	0.6
China	-	2 202	1.5	845	0.6	824	0.6	540	0.4	1 455.3	37 075	645	36 018	81	330	1	412	0.3
Japan	-	92	0.7	11	0.1	15	0.1	12	0.1	1 24.5	858	2	299	1	7	0	8	0.1
Lao People's Democratic Republic	-	22	3.0	3	0.4	0	0.0	1	0.1	7.7	330	0	329	0	1	0	1	0.1
Malaysia	-	103	3.1	97	2.9	89	2.6	74	2.2	34.0	13 956	518	13 354	0	84	0	84	2.5
Mongolia	-	0	0.0	0	0.0	1	0.3	1	0.3	3.5	227	0	227	0	0	0	0	0.0
Papua New Guinea	-	2	0.2	0	0.0	3	0.3	2	0.2	9.6	44	0	44	0	0	0	0	0.0
Philippines	-	404	3.6	36	0.3	55	0.5	96	0.8	115.4	6 752	0	6 698	0	54	0	54	0.5
Viet Nam	-	135	1.4	38	0.4	29	0.3	56	0.6	100.4	1 144	174	915	29	26	0	55	0.5
Pacific island countries and areas	-	0	0.0	4	1.2	0	0.0	0	0.0	3.6	245	0	245	0	0	0	0	0.0
Western Pacific Region	-	3 019	1.6	1 046	0.5	1 042	0.5	807	0.4	1 969.4	61 691	1 339	59 177	112	513	1	626	0.3

<sup>1</sup> Includes clinically compatible, laboratory confirmed and epi-linked confirmed cases

<sup>2</sup> United Nations, Department of Economic and Social Affairs, Population Division World Population Prospects 2022 revision

<sup>3</sup> Australia reports confirmed cases only

Source: National measles and rubella monthly reports to the Western Pacific Regional Office by 20 January 2025

Green	<1.0 confirmed rubella cases / 1 000 000 population
Yellow	1.0–9.9 confirmed rubella cases / 1 000 000 population
Red	>= 10.0 confirmed rubella cases / 1 000 000 population
Gray	No data

**Table 6A. Measles and rubella laboratory testing, WHO Western Pacific Region, 2023**

Country/Area	Laboratory	Measles and rubella			Measles													Rubella				
					Serology								Virus detection					No. of cases with positive laboratory results <sup>2</sup>	Serum and blood (includes DBS)			
		Total number of samples received	Total number of samples tested	Total number of cases tested	Samples tested for measles IgM	Measles IgM (+)		Measles IgM equiv		Blood		% of samples with results ≤4 days <sup>1</sup>	Measles Virus isolation/ detection (swab, urine and others)		Measles Reverse Transcription-Polymerase Chain Reaction		Samples tested for rubella IgM		Rubella IgM (+)		Rubella IgM equiv	
						No.	No.	%	No.	%	No. received		No. (+)	No. of samples tested	No. of isolates	No. of samples tested			No. (+)	No.	No.	%
Australia	VIDRL	21	21	18	3	2	67%	0	0%	0	-	100%	10	1	18	18	18	0	-	-	-	-
Brunei Darussalam	DLS	23	23	23	23	1	0%	0	0%	0	-	100%	0	-	1	1	1	23	1	4%	0	0%
China, Hong Kong SAR	PHLC	314	314	271	255	2	1%	2	1%	0	-	94%	2	0	51	5	4	148	1	1%	0	0%
China, Macao SAR	PHL	56	56	56	56	2	4%	1	2%	0	-	100%	0	-	5	0	2	52	0	0%	1	2%
Japan	NIID	769	642	437	93	16	17%	30	32%	0	-	-	3	3	233	22	27	39	9	23%	16	41%
New Zealand	CHL	192	192	183	18	4	22%	0	0%	0	-	67%	0	-	174	12	12	14	0	0%	0	0%
Republic of Korea	KCDC	495	495	342	173	22	13%	1	1%	0	-	91%	0	-	235	11	28	121	83	69%	3	2%
Singapore	NPHL	186	186	186	1	1	100%	0	0%	0	-	100%	9	3	186	9	12	2	0	0%	0	0%
Cambodia	NIPH	973	973	973	973	11	1%	0	0%	0	-	93%	0	-	0	-	15	970	20	2%	0	0%
China	CCDC	-	-	-	-	-	-	-	-	-	-	99%	-	-	-	-	-	-	-	-	-	-
Lao People's Democratic Republic	NCLE	54	54	54	54	2	4%	1	2%	0	-	87%	0	-	0	-	2	54	1	2%	1	2%
Malaysia	NPHL	19 302	19 302	11 526	11 037	2 303	21%	203	2%	0	-	99%	420	11	7 356	863	2 306	9 210	420	5%	31	0%
Mongolia	NCCD	109	109	109	109	0	0%	0	0%	0	-	99%	0	-	0	-	0	109	1	1%	0	0%
Papua New Guinea	CPHL	68	68	68	68	4	6%	0	0%	0	-	91%	0	-	0	-	4	68	2	3%	0	0%
Philippines	RITM	4 290	4 289	3 922	3 224	579	18%	36	1%	39	0	72%	892	0	890	41	530	2 843	114	4%	30	1%
Viet Nam national lab (Northern)	NIHE	88	88	88	88	7	8%	2	2%	0	-	98%	0	-	0	-	7	87	12	14%	7	8%
Viet Nam national lab (Southern)	PI	133	133	133	133	3	2%	5	4%	0	-	76%	0	-	0	-	0	134	15	11%	2	1%
Viet Nam subnational lab (Central)	PI	0	-	0	0	-	-	-	-	0	-	-	0	-	0	-	-	0	-	-	-	-
Viet Nam subnational lab (Highland)	IHE	0	-	0	0	-	-	-	-	0	-	-	0	-	0	-	-	0	-	-	-	-
Fiji	Fiji CDC	216	216	202	194	16	8%	3	2%	0	-	-	0	-	10	0	16	189	5	3%	2	1%
Total		27 289	27 161	18 591	16 502	2 974	18%	284	2%	39	0	96%	1 336	18	9 159	982	2 984	14 063	684	5%	93	1%

"-" No data

<sup>1</sup> Percent of serology samples with results ≤4 days should be ≥80%

<sup>2</sup> Summary of laboratory test results only. Numbers of confirmed measles and rubella cases are presented in Tables 1, 2, 3, and 5

Source: National measles and rubella monthly laboratory reports to the Western Pacific Regional Office by 20 January 2025

**Table 6B. Measles and rubella laboratory testing, WHO Western Pacific Region, 2024**

Country/Area	Laboratory	Measles and rubella			Measles													Rubella				
					Serology								Virus detection					No. of cases with positive laboratory results <sup>2</sup>	Serum and blood (includes DBS)			
		Serum					Blood		% of samples with results ≤4 days <sup>1</sup>	Measles Virus isolation/ detection (swab, urine and others)		Measles Reverse Transcription- Polymerase Chain Reaction		Samples tested for rubella IgM	Rubella IgM (+)		Rubella IgM equiv					
		Samples tested for measles IgM	Measles IgM (+)		Measles IgM equiv		DBS samples			No. of samples tested	No. of isolates	No. of samples tested	No. (+)		No.	No.	%		No.	%		
		No.	No.	%	No.	%	No. received	No. (+)													No.	No.
Australia	VIDRL	48	48	39	7	4	57%	0	0%	0	-	100%	18	5	39	39	35	0	-	-	-	-
Brunei Darussalam	DLS	16	16	16	16	0	0%	0	0%	0	-	100%	0	-	0	-	0	16	0	0%	0	0%
China, Hong Kong SAR	PHLC	635	635	440	373	13	3%	2	1%	0	-	96%	8	4	249	15	20	135	0	0%	0	0%
China, Macao SAR	PHL	86	86	74	74	5	7%	0	0%	0	-	100%	5	0	17	0	5	73	2	3%	0	0%
Japan	NIID	1 222	1 036	672	142	10	7%	38	27%	0	-	-	1	1	391	44	45	50	8	16%	31	67%
New Zealand	CHL	100	100	98	14	0	0%	0	0%	0	-	100%	0	-	86	1	1	13	0	0%	0	0%
Republic of Korea	KCDC	763	763	534	219	26	12%	5	2%	0	-	98%	0	-	491	58	71	91	31	34%	3	4%
Singapore	NPHL	53	53	43	8	4	50%	0	0%	0	-	88%	11	1	55	15	20	8	0	0%	0	0%
Cambodia	NIPH	2 207	2 207	2 207	2 207	664	30%	0	0%	20	0	92%	0	-	0	-	664	2 207	41	2%	0	0%
China	CCDC	-	-	-	-	-	-	-	-	-	-	99%	-	-	-	-	-	-	-	-	-	-
Lao People's Democratic Republic	NCLE	31	31	31	31	1	3%	0	0%	0	-	52%	0	-	0	-	0	31	1	3%	0	0%
Malaysia	NPHL	23 470	23 470	18 302	14 118	4 004	28%	391	3%	0	-	99%	531	59	8 350	1 698	5 291	10 471	419	4%	26	0%
Mongolia	NCCD	220	220	220	220	11	5%	3	1%	0	-	100%	0	-	0	-	11	220	2	1%	0	0%
Papua New Guinea	CPHL	45	44	44	44	0	0%	0	0%	0	-	-	0	-	0	-	0	44	0	0%	0	0%
Philippines national lab	RITM	3 182	3 095	2 934	1 913	421	22%	25	1%	14	0	98%	1 166	10	1 181	185	581	1 549	36	2%	8	0%
Philippines subnational labs	-	2 754	2 752	2 752	2 686	491	18%	28	1%	66	0	95%	-	-	-	-	490	2 210	41	2%	14	1%
Viet Nam national lab (Northern)	NIHE	68	68	68	68	15	22%	1	1%	0	-	-	0	-	9	4	15	56	9	16%	3	5%
Viet Nam national lab (Southern)	PI	92	92	92	92	43	47%	3	3%	0	-	-	0	-	36	35	43	90	5	6%	0	0%
Viet Nam subnational lab (Central)	PI	0	-	0	0	-	-	-	-	0	-	-	0	-	0	-	-	0	-	-	-	-
Viet Nam subnational lab (Highland)	IHE	0	-	0	0	-	-	-	-	0	-	-	0	-	0	-	-	0	-	-	-	-
Fiji	Fiji CDC	281	281	281	223	2	1%	11	5%	0	-	-	0	-	10	0	2	223	15	7%	3	2%
Total		35 273	34 997	28 847	22 455	5 714	25%	507	2%	100	0	98%	1 740	80	10 914	2 094	7 294	17 487	610	3%	88	1%

"-": No data

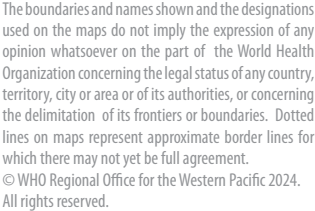
<sup>1</sup> Percent of serology samples with results ≤4 days should be ≥80%

<sup>2</sup> Summary of laboratory test results only. Numbers of confirmed measles and rubella cases are presented in Tables 1, 2, 3, and 5

Source: National measles and rubella monthly laboratory reports to the Western Pacific Regional Office by 20 January 2025



**Figure 3. Measles genotype distribution of cases with rash onset in 2023 and 2024, WHO Western Pacific Region**



**Table 7. Measles genotype distribution of cases with rash onset in January–December 2024, WHO Western Pacific Region**

[illegible]

Source: MeaNS and measles and rubella monthly laboratory reports to the Western Pacific Regional Office by 20 January 2025

No rubella cases were genotyped in 2023 and 2024



**Table 8. Completeness and timeliness of reporting, WHO Western Pacific Region, 2023–2024<sup>1</sup>**

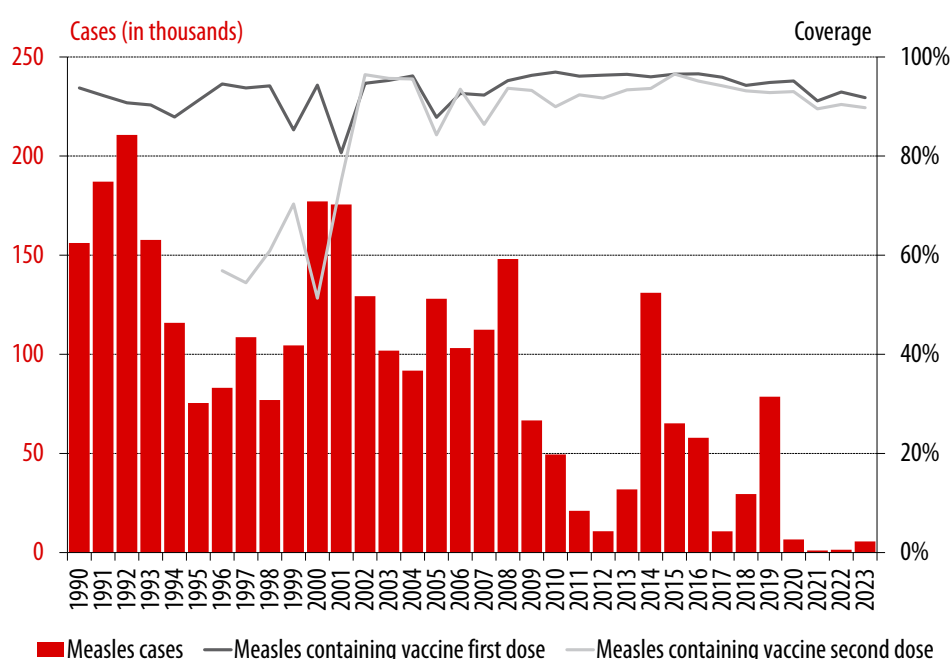
Country/area	Epidemiologic surveillance				Laboratory surveillance			
	2023		2024		2023		2024	
	Completeness <sup>2</sup>	Timeliness <sup>3</sup>	Completeness <sup>2</sup>	Timeliness <sup>3</sup>	Completeness <sup>2</sup>	Timeliness <sup>3</sup>	Completeness <sup>2</sup>	Timeliness <sup>3</sup>
Australia	100%	100%	100%	100%	100%	100%	100%	92%
Brunei Darussalam	100%	92%	92%	92%	100%	100%	83%	83%
China, Hong Kong SAR	100%	100%	100%	100%	100%	100%	100%	100%
China, Macao SAR	100%	100%	100%	100%	100%	100%	100%	100%
Japan	100%	100%	100%	100%	100%	100%	100%	100%
New Zealand	100%	100%	100%	100%	100%	100%	100%	100%
Republic of Korea	100%	100%	100%	100%	100%	100%	100%	92%
Singapore	100%	100%	100%	100%	100%	100%	100%	100%
Cambodia	100%	100%	100%	100%	100%	100%	100%	100%
China	100%	100%	100%	100%	100%	100%	100%	100%
Lao People's Democratic Republic	100%	100%	100%	100%	100%	100%	100%	100%
Malaysia	100%	100%	100%	100%	100%	100%	100%	100%
Mongolia	100%	100%	100%	100%	100%	100%	100%	100%
Papua New Guinea	67%	50%	92%	92%	42%	8%	83%	83%
Philippines	92%	67%	75%	67%	100%	83%	100%	100%
Viet Nam	100%	100%	100%	100%	100%	100%	100%	100%
Pacific island countries and areas	100%	100%	100%	100%	100%	100%	100%	100%
Western Pacific Region	98%	95%	98%	97%	97%	95%	98%	98%

<sup>1</sup> National measles and rubella surveillance and laboratory monthly reports to the Western Pacific Regional Office by 10 January 2025

<sup>2</sup> Completeness is defined as the total number of reports WHO received by the end of the reporting month divided by the number of expected reports for the year

<sup>3</sup> Monthly reports should be submitted by the 10th (or the next working day) of the following month; Pacific island countries and areas and China may report by the 15th (or the next working day) of the following month

**Figure 4. Measles cases and immunization coverage, Western Pacific Region, 1990–2023**



Source: WHO-UNICEF Electronic Joint Reporting Form

**Vaccine-Preventable Diseases and Immunization  
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World Health Organization**

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Please send your comments and monthly data before the 10th of the month to: [WPROEPIdata@who.int](mailto:WPROEPIdata@who.int)  
More detailed information available in the  
Regional and country profile of measles elimination