

MEASLES-RUBELLA

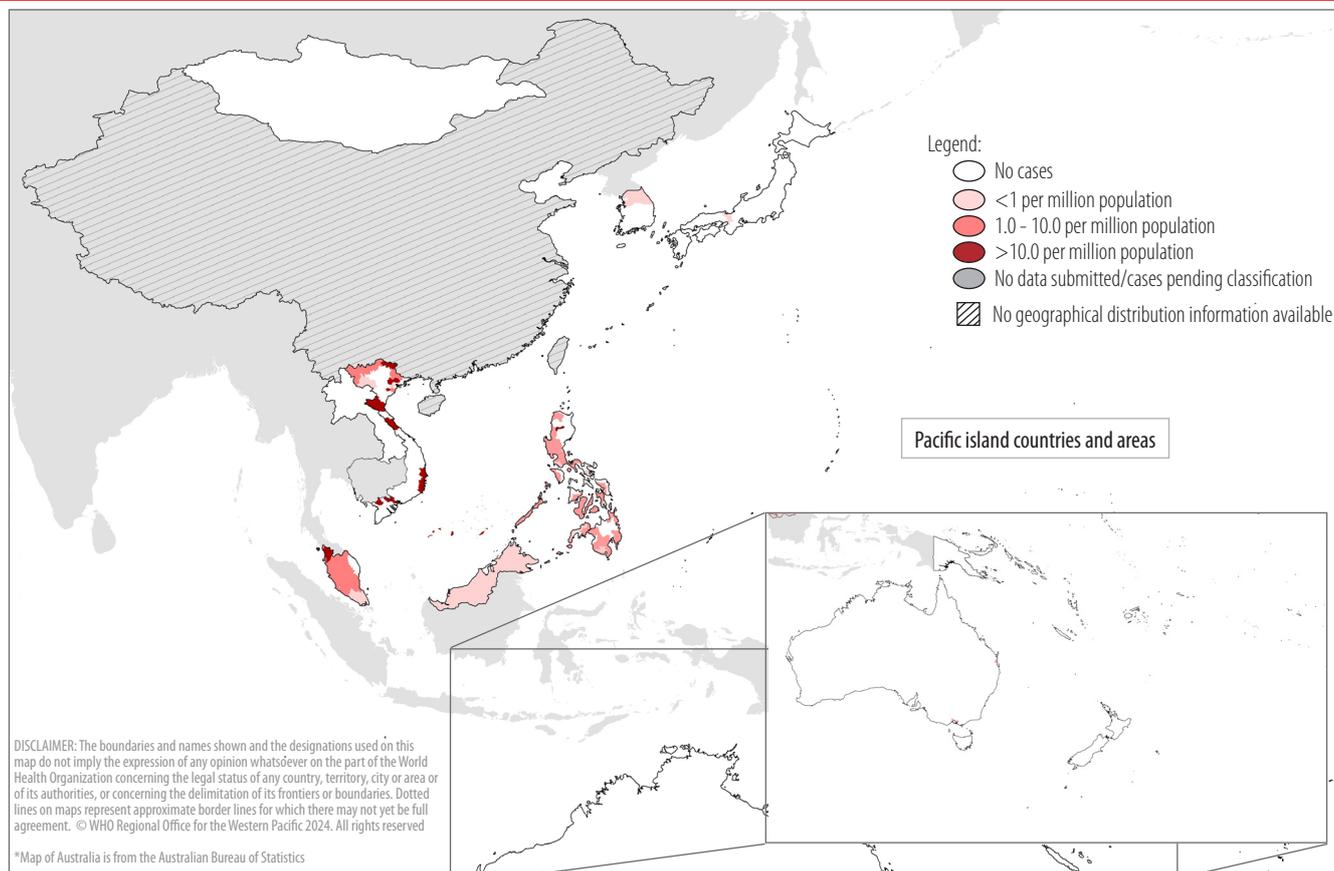
Bulletin

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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 confirmed¹ and total² 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 ³	
		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 ⁴	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

¹ No. of confirmed cases includes laboratory confirmed and epi-linked cases

² Total no. of cases includes confirmed cases and clinically compatible cases

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

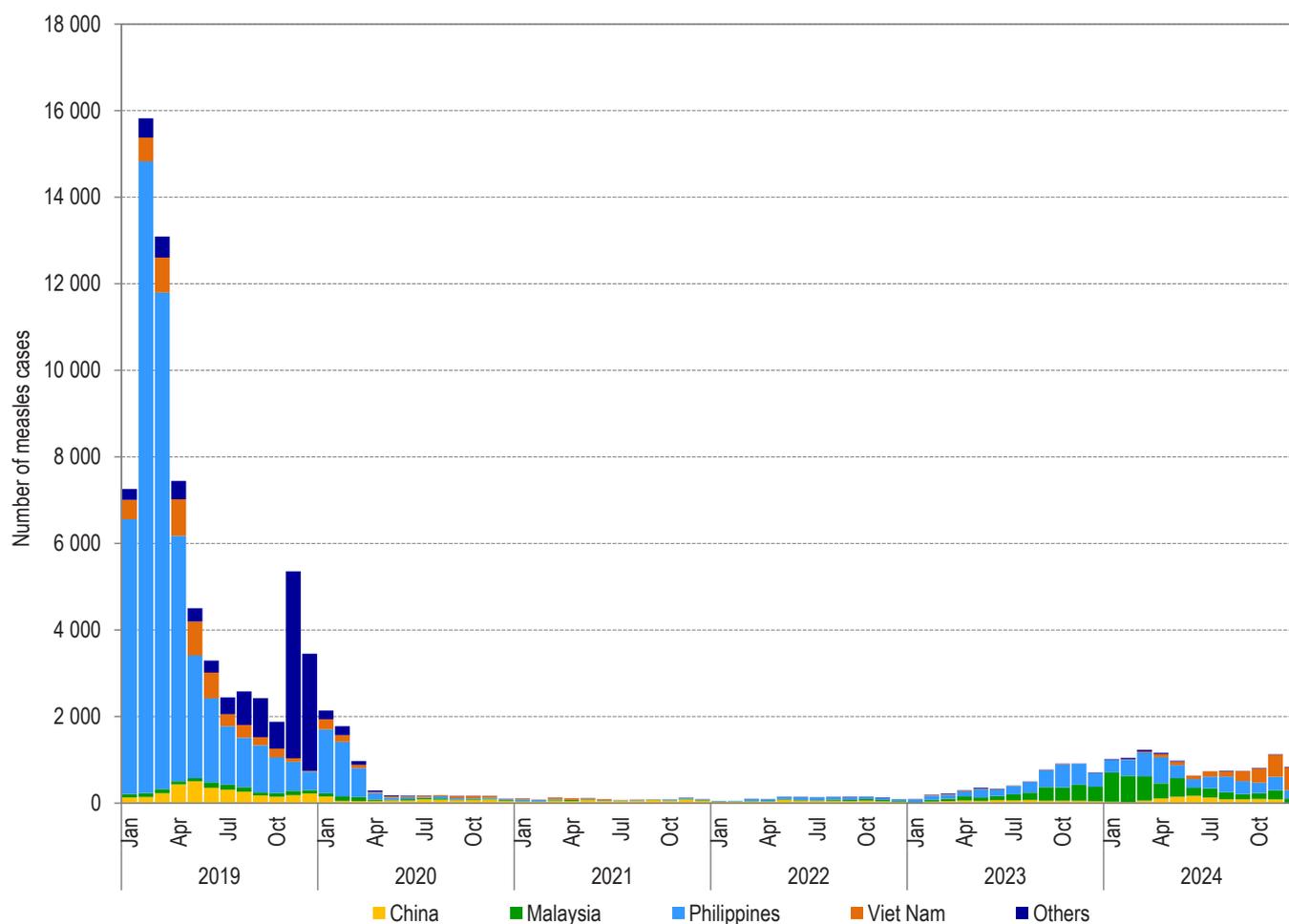
⁴ Reports confirmed cases only

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%	1036	0	0	0	1036	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 ¹	Measles incidence per 1 million pop	Total confirmed and clinically compatible ¹	Measles incidence per 1 million pop	Total confirmed and clinically compatible ¹	Measles incidence per 1 million pop	Total confirmed and clinically compatible ¹	Measles incidence per 1 million pop	Population (in millions) ²	Suspected measles cases	Pending classification	Discarded cases ³	Measles cases					Deaths due to measles	Rash onset of last confirmed measles case
													Clinically compatible	Lab	Epi-linked	Total confirmed and clinically compatible ¹	Annualized measles incidence per 1 million pop		
Australia ¹	25	1.0	0	0.0	7	0.3	26	1.0	26.6	NA ³	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	124.5	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 ⁴	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	

¹ Includes clinically compatible, laboratory confirmed and epi-linked cases

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

³ 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] ¹	Suspected cases with adequate investigation	Suspected cases with adequate specimens for laboratory confirmation ²	Discarded non-measles rate per 100 000 pop	Second level units with ≥ 2 discarded cases per 100 000 pop [annualized] ¹	Suspected cases with adequate investigation	Suspected cases with adequate specimens for laboratory confirmation ²
	≥ 2	≥ 80%	≥ 80%	≥ 80%	≥ 2	≥ 80%	≥ 80%	≥ 80%
Australia ³	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 ⁴	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%

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

² 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

³ Reports only confirmed cases

⁴ 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 ¹	Rubella incidence per 1 million pop	Total confirmed and clinically compatible ¹	Rubella incidence per 1 million pop	Total confirmed and clinically compatible ¹	Rubella incidence per 1 million pop	Total confirmed and clinically compatible ¹	Rubella incidence per 1 million pop	Population (in millions) ²	Investigated for rubella	Pending classification	Discarded cases ³	Rubella cases					
														Clinically compatible	Lab	Epi-linked	Total confirmed and clinically compatible ¹	Annualized rubella incidence per 1 million pop	
Australia ³	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	124.5	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	

¹ Includes clinically compatible, laboratory confirmed and epi-linked confirmed cases

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

³ 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						Serum and blood (includes DBS)				
		Total number of samples received	Total number of samples tested	Total number of cases tested	Serum				Blood		% of samples with results ≤4 days ¹	Measles Virus isolation/detection (swab, urine and others)		Measles Reverse Transcription-Polymerase Chain Reaction		No. of cases with positive laboratory results ²	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.	%	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

¹ Percent of serology samples with results ≤4 days should be ≥80%

² 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							Serum and blood (includes DBS)				
		Total number of samples received	Total number of samples tested	Total number of cases tested	Serum				Blood		% of samples with results ≤4 days ¹	Measles Virus isolation/ detection (swab, urine and others)		Measles Reverse Transcription-Polymerase Chain Reaction		No. of cases with positive laboratory results ²	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.	%		
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

¹ Percent of serology samples with results ≤4 days should be ≥80%

² 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 8. Completeness and timeliness of reporting, WHO Western Pacific Region, 2023–2024¹

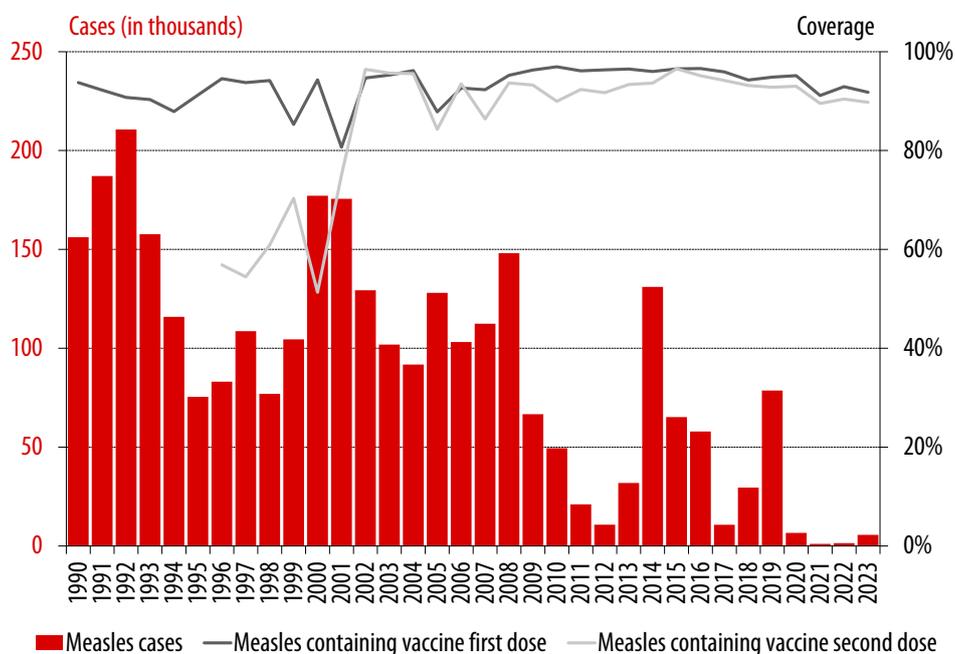
Country/area	Epidemiologic surveillance				Laboratory surveillance			
	2023		2024		2023		2024	
	Completeness ²	Timeliness ³	Completeness ²	Timeliness ³	Completeness ²	Timeliness ³	Completeness ²	Timeliness ³
Australia	100%	100%	100%	100%	100%	100%	100%	92%
Brunei Darussalam	100%	92%	92%	92%	100%	100%	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%

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

² 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

³ 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
Regional Office for the Western Pacific
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Please send your comments and monthly data before the 10th of the month to: WPROEPIdata@who.int
More detailed information available in the
Regional and country profile of measles elimination