



**Special Issue of
the Pan American
Journal of Public
Health on Measles
and Rubella**

This special issue brings together the experiences of countries in the Americas throughout the elimination and post-elimination period of measles, rubella, and congenital rubella syndrome between 2013 and 2024.

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Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-50, 2024

Subregion and Country	Susp. Cases 2024	Measles Confirmed 2024				Year/Week Last Conf. Measles case	Rubella Confirmed 2024			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2024		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	422	0	2	1	3	2024-37	0	0	0	2006-03	0	401	0	0	0	...	
	COL	1421	0	0	...	0	2020-09	0	0	0	2012-31	6	1332	1264	0	0	2005-34	
	ECU	684	0	0	...	0	2018-33	0	0	0	2004-49	50	611	0	0	0	2011-14	
	PER	568	0	2	...	2	2024-06	0	0	0	2009-04	3	493	0	0	0	2007-16	
	VEN	1833	0	0	...	0	2019-48	0	0	0	2007-51	87	1746	0	0	0	...	
BRA	BRA	2601	0	4	...	4	2024-41	0	0	0	2014-40	0	2298	39	0	0	2009-34	
	CAP	71	0	0	...	0	2023-31	0	0	0	2001-39	0	71	32	0	0	...	
	GTM	206	0	0	...	0	2018-03	0	0	0	2006-31	0	197	0	0	0	2005-00	
	HND	668	0	0	...	0	1998-16	0	0	0	2004-11	20	507	14	0	0	2001-00	
	NIC	170	0	0	...	0	1994-14	0	0	0	2004-19	28	135	114	0	0	2005-00	
CAR	PAN	120	0	0	...	0	2011-20	0	0	0	2002-48	1	117	3	0	0	...	
	SLV	1388	0	0	...	0	2001-19	0	0	0	2006-30	0	1388	228	0	0	2001-00	
	CAR	251	0	4	...	4	2024-46	0	0	0	2008-18	0	214	0	0	0	1999-00	
	CUB	1689	0	0	...	0	2019-24	0	0	0	2004-06	0	1689	0	0	0	1989-10	
	DOM	235	0	0	...	0	2011-18	0	0	0	2019-08	6	224	0	0	0	2007-00	
MEX	HTI	120	0	0	...	0	2001-39	0	0	0	2006-21	0	43	37	0	0	...	
	MEX	3393	0	6	1	7	2024-20	0	0	0	2018-14	0	3190	226	0	0	...	
	NOA	CAN	90	51	141	2024-50	0	0	0	2023-36	1	...	2024-00
	USA	...	...	284	...	284 ^A	2024-48	0	7	7	2024-35	...	...	...	...	...	2017-00
	SOC	ARG	456	0	14	...	14	2024-42	0	0	0	2019-47	0	442	81	0	0	2009-27
URY	CHL	169	0	0	...	0	2023-32	0	0	0	2019-14	1	165	54	0	0	...	
	PRY	1161	0	0	...	0	2022-37	0	0	0	2005-21	24	1094	16	0	0	2003-06	
	URY	6	0	0	...	0	2020-07	0	0	0	2001-37	1	4	0	0	0	...	
TOTAL	17632	0	406	53	459	--	0	7	7	--	227	16361	2108	1	0	--		

*Congenital Rubella Infection.

...No updated report received

(A) Measles Cases and Outbreaks, CDC website at: <https://www.cdc.gov/measles/data-research/> (Data as of 19 December 2024).



Measles, Rubella, and Congenital Rubella Syndrome Surveillance in the Americas

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Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 1-50, 2024

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL	2			1			
	COL							
PER	PER	2						
	VEN							
	BRA	4						
	CAP							
CAR	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	LAC	2	1		1			
MEX	CUB							
	DOM							
NOA	HTI							
	MEX	2	5		7			
SOC	CAN	32	102					
	USA	146	124		14	3		4
URY	ARG	4	9		1			
	CHL							
	PRY							
	URY							
TOTAL		194	241	0	24	3	0	4

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 1-50, 2024

Country	Pending Cases 2023	Cumulative 2024	Week of Onset							% Pend. cases	
			1-45	46	47	48	49	50			
BOL	0	17	12	1	1	3	0	0	4		
COL	0	83	44	5	14	9	11	0	6		
ECU	12	23	23	0	0	0	0	0	3		
PER	10	69	46	0	4	6	10	3	12		
VEN	3	0	0	...	...	...	...	...	0
BRA	26	304	142	45	59	44	14	0	12		
CAP	0	0	0	...	...	...	...	...	0
GTM	11	9	9	0	0	0	0	0	4		
HND	0	141	130	3	4	2	2	0	21		
NIC	0	7	4	1	0	1	0	1	4		
PAN	0	2	1	0	0	0	1	0	2		
SLV	0	0	0	0	0	0	0	0	0		
CAR	0	33	32	0	1	0	0	0	13		
LAC	0	0	0	...	...	...	...	...	0
CUB	0	5	3	0	1	0	1	0	2		
DOM	69	77	70	3	1	3	0	0	64		
HTI	0	197	145	10	7	10	15	10	6		
MEX	NR	NR	NR	NR	NR	NR	NR	NR	NR		
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR		
USA	0	0	0	0	0	0	0	0	0		
ARG	0	3	3	...	...	...	...	...	2
CHL	0	3	2	0	0	0	0	1	0		
PRY	1	1	1	...	...	...	...	...	17
URY											
TOTAL			132	974	667	68	92	78	54	15	6

... No updated report received; NR-not reporting

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-50, 2024

Subregion and Country		Sites Reporting Weekly		% Suspected cases with adequate investigation	% Suspected cases with adequate sample	% Serum samples received in lab. ≤5 days	% Serum samples with lab. results reported ≤4 days	Rate of Suspected Cases Last 52 weeks (2023/51-2024/50)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4161	...	97	97	88	94	3.5	0.0
	COL	4827	100	85	78	82	90	2.7	32.4
	ECU	2184	...	65	95	76	89	3.8	0.0
	PER	7501	...	89	89	71	55	1.7	0.0
	VEN	13092	...	100	100	17	75	5.3	0.0
CAP	BRA ^b	...	...	34	78	87	83	1.2	0.1
	CRI	82	...	99	96	87	82	1.4	4.9
	GTM	1541	...	100	95	84	90	1.1	0.0
	HND	469	93	77	99	79	94	6.4	0.7
	NIC	185	...	99	100	97	99	2.5	9.0
	PAN	325	...	79	97	87	97	2.7	0.4
CAR	SLV	1334	82	81	100	99	100	21.9	23.1
	CAR	758	38	22	88	10	75	3.2	0.0
	LAC	CUB	168	...	100	100	100	15.4	0.0
MEX	DOM	247	...	49	98	85	91	2.1	0.0
	HTI	712	...	83	88	16	20	1.0	3.3
	MEX	20305	...	95	100	92	93	2.6	1.1
	NOA	CAN	NR	NR	NR	NR	NR	NR	NR
SOC	USA	NR	NR	NR	NR	NR	NR	NR	NR
	ARG	784	...	28	82	68	70	1.0	1.1
	CHL	811	...	76	86	93	97	0.9	2.5
	PRY	1467	99	82	93	89	92	17.5	1.1
URY	155	...	0	67	100	50	0.2	0.0	
Total and Average*		61108	13	79	93	79	88	2.7	2.7

*Weighted

... No updated report received; NR-not reporting

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2024). World Population Prospects 2024, Online Edition.

(b) Data updated as of 26 July 2024.