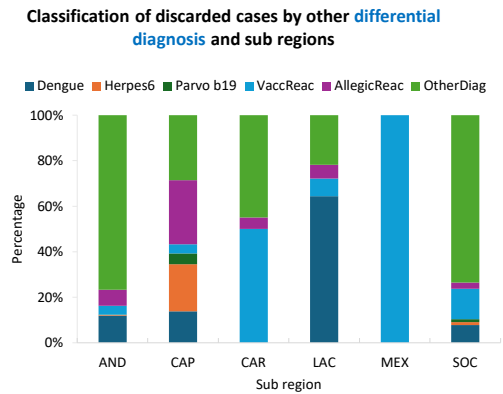
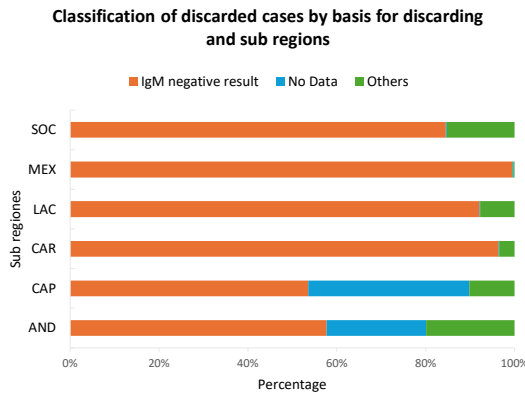




How the subregions are discarding suspected measles and rubella cases. The Americas, 2019-2023*

Total of discarded cases
51,150



Source: Immunization Data Warehouse for VPD Surveillance. *Data as of epidemiological week 42, 2024.
Subregions: AND= Andean; CAP = Central America; CAR = non-Latin Caribbean; LAC = Latin Caribbean; MEX = Mexico, SOC= Southern Cone

Between 2019-2023, negative results for measles or rubella IgM remain the predominant criteria for ruling out suspected cases (n=74%). Twelve percent of the cases were dismissed due to other diagnoses, such as dengue or vaccine related. It is also noted that 13% of the cases were discarded without any criteria. Therefore, we encourage countries to review the criteria for discarding suspected cases published in our Regional Framework and filling all the variables related to final classification into the informatic system.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-42, 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	349	0	3	...	3	2024-32	0	0	0	2006-03	0	338	0	0	0	...
	COL	1201	0	0	...	0	2020-09	0	0	0	2012-31	4	1107	1000	0	0	2005-34
	ECU	666	0	0	...	0	2018-33	0	0	0	2004-49	46	575	0	0	0	2011-14
	PER	486	0	2	...	2	2024-06	0	0	0	2009-04	3	409	0	0	0	2007-16
BRA	VEN	1833	0	0	...	0	2019-48	0	0	0	2007-51	87	1746	0	0	0	...
	BRA	1909	0	2	...	2	2024-32	0	0	0	2014-40	0	1735	35	0	0	2009-34
CAP	CRI	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	644	0	0	...	0	1998-16	0	0	0	2004-11	19	493	10	0	0	2001-00
	NIC	113	0	0	...	0	1994-14	0	0	0	2004-19	18	92	93	0	0	2005-00
	PAN	113	0	0	...	0	2011-20	0	0	0	2002-48	1	109	3	0	0	...
	SLV	1299	0	0	...	0	2001-19	0	0	0	2006-30	0	1299	228	0	0	2001-00
CAR	CAR	210	0	2	...	2	2024-18	0	0	0	2008-18	0	177	0	0	0	1999-00
	CUB	1625	0	0	...	0	2019-24	0	0	0	2004-06	0	1625	0	0	0	1989-10
	DOM	206	0	0	...	0	2011-18	0	0	0	2019-08	6	198	0	0	0	2007-00
MEX	HTI	99	0	0	...	0	2001-39	0	0	0	2006-21	0	35	34	0	0	...
	MEX	3106	0	6	1	7	2024-20	0	0	0	2018-14	0	2900	206	0	0	...
NOA	CAN	...	...	81	2	83	2024-42	0	0	0	2023-36	...	...	...	1	...	2024-00
	USA	...	...	271	...	271 ^A	2024-42	0	7	7	2024-35	...	...	...	...	...	2017-00
SOC	ARG	398	0	12	...	12	2024-40	0	0	0	2019-47	0	386	81	0	0	2009-27
	CHL	159	0	0	...	0	2023-32	0	0	0	2019-14	1	154	54	0	0	...
	PRY	903	0	0	...	0	2022-37	0	0	0	2005-21	24	859	16	0	0	2003-06
	URY	6	0	0	...	0	2020-07	0	0	0	2001-37	1	4	0	0	0	...
TOTAL	15602	0	379	3	382	--	0	7	7	--	210	14509	1792	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 24 October 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 1-42, 2024

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL	2			1			
	COL							
	ECU							
	PER	2						
BRA CAP	VEN							
	BRA	2						
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR		2					
LAC	CUB							
	DOM							
	HTI							
MEX	MEX	2	5		7			
NOA	CAN	31	45			3		
	USA	142	116		13		4	
SOC	ARG	4	7		1			
	CHL							
	PRY							
	URY							
TOTAL		185	175	0	22	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 1-42, 2024

Country	Pending Cases 2023	Cumulative 2024	Week of Onset						% Pend. cases	
			1-37	38	39	40	41	42		
BOL	0	8	8	0	0	0	0	0	2	
COL	0	90	50	7	6	12	15	0	7	
ECU	12	45	25	4	5	10	1	0	7	
PER	10	70	36	5	8	4	8	9	14	
VEN	3	0	0	0	0	0	0	...	0	
BRA	26	176	85	20	31	31	9	0	9	
CRI	0	0	0	0	0	0	0	...	0	
GTM	11	9	7	1	0	0	1	0	4	
HND	0	132	125	2	4	1	0	0	20	
NIC	0	3	3	0	0	0	0	0	3	
PAN	0	3	2	0	0	0	0	1	3	
SLV	0	0	0	0	0	0	0	0	0	
CAR	0	31	29	1	0	1	0	0	15	
LAC	0	0	0	0	0	0	0	...	0	
DOM	0	2	0	0	0	1	1	0	1	
HTI	70	64	59	3	1	0	1	0	65	
MEX	0	200	155	6	10	5	9	15	6	
CAN	NR	NR	NR	NR	NR	NR	NR	NR	NR	
USA	NR	NR	NR	NR	NR	NR	NR	NR	NR	
ARG	0	0	0	0	0	0	0	0	0	
CHL	0	4	4	0	0	0	0	0	3	
PRY	0	11	4	0	0	3	2	2	1	
URY	1	1	1	...	...	...	...	...	17
TOTAL		133	849	593	49	65	68	47	27	5

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

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-42, 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 (2023/43-2024/42)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	4161	...	97	97	88	95	3.1	0.0	
	COL	4917	100	82	84	81	89	2.8	28.8	
	ECU	2184	...	62	94	75	88	4.3	0.0	
	PER	7501	...	88	86	75	58	1.5	0.0	
	VEN	13092	...	100	100	19	71	6.4	0.0	
CAP	BRA ^b	...	...	34	78	87	83	1.0	0.1
	CRI	82	...	99	96	87	82	1.5	4.9	
	GTM	1541	...	100	95	84	90	1.2	0.0	
	HND	469	93	77	98	82	98	6.6	1.3	
	NIC	185	...	99	100	96	98	1.9	11.1	
	PAN	325	...	80	96	89	96	2.9	0.5	
	SLV	1334	...	82	100	99	100	22.1	23.1	
	CAR	CAR	758	...	26	89	10	74	2.8	0.0
	LAC	CUB	168	...	100	100	100	100	17.7	0.0
	DOM	247	...	47	98	88	94	2.2	0.0	
	HTI	712	...	80	88	16	22	0.9	3.2	
MEX	MEX	20305	95	95	100	92	93	2.6	1.0	
NOA	CAN	NR.	NR.	NR.	NR.	NR.	NR.	NR.	NR.	
	USA	NR.	NR.	NR.	NR.	NR.	NR.	NR.	NR.	
SOC	ARG	784	...	27	81	66	68	1.1	2.4	
	CHL	811	...	75	88	93	97	1.1	2.5	
	PRY	1467	99	82	93	87	91	16.1	1.3	
	URY	155	...	0	67	100	50	0.3	0.0	
Total and Average*		61198	43	80	94	79	88	2.7	2.3	

*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.