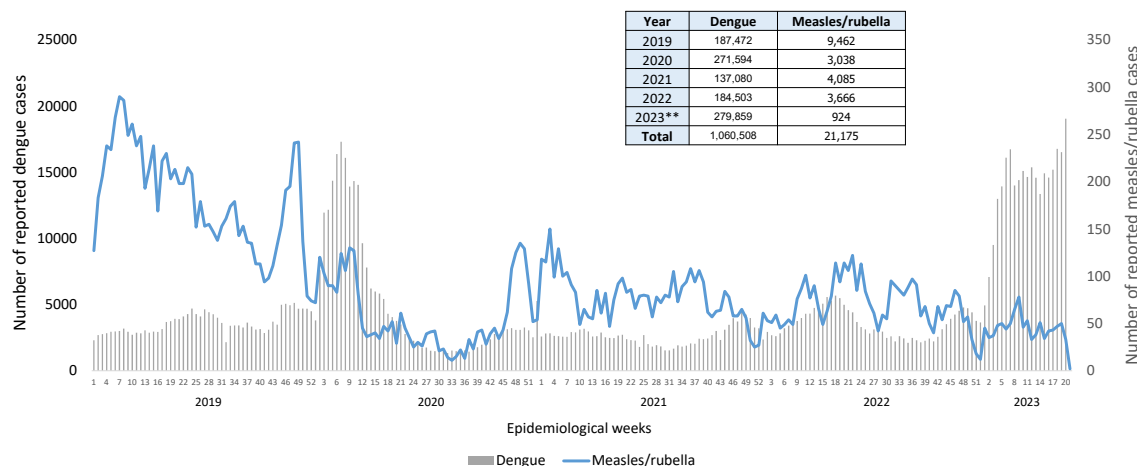


Number of dengue and measles/rubella reported cases Andean Region*, 2019-2023**



Source: Integrated Surveillance Information System and country reports to CIM/PAHO.
*Bolivia, Colombia, Ecuador, Peru, and Venezuela | **Data as of 1 June 2023.

A surge of dengue cases is observed in 2023 affecting negatively the notification of measles and rubella suspected cases in the Andean region. The same pattern was observed at the beginning of 2020. To this end, we urged countries to increase the sensitivity of their measles and rubella surveillance systems, considering that in the past confirmed measles cases were masked by dengue. If countries decide to modify their measles and rubella sensitive case definition to a specific definition, should document their use as recommended by the [PAHO Technical Advisory Group on Vaccine Preventable Diseases](#).

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-22, 2023

Subregion and Country	Susp. Cases 2023	Measles Confirmed 2023				Year/Week Last Conf. Measles case	Rubella Confirmed 2023			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2023		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case		
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*			
AND	BOL	40	0	0	...	0	0	0	2020-16	0	0	0	0	7	0	0	0	...
	COL	702	0	0	...	0	0	0	2020-09	0	0	0	0	540	340	0	0	2005-34
	ECU	78	0	0	...	0	0	0	2022-46	0	0	0	5	73	0	0	0	2011-14
	PER	50	0	0	...	0	0	0	2019-18	0	0	0	0	42	0	0	0	2007-16
	VEN	817	0	0	...	0	0	0	2019-33	0	0	0	32	612	0	0	0	...
BRA	BRA	856	0	0	...	0	0	0	2022-28	0	0	0	0	669	27	0	0	2009-34
	CAP	41	0	0	...	0	0	0	2019-13	0	0	0	0	41	12	0	0	...
	GTM	91	0	0	...	0	0	0	2018-03	0	0	0	0	91	0	0	0	2005-00
	HND	34	0	0	...	0	0	0	1998-16	0	0	0	0	34	6	0	0	2001-00
	NIC	44	0	0	...	0	0	0	1994-14	0	0	0	0	42	18	0	0	2005-00
	PAN	16	0	0	...	0	0	0	2011-20	0	0	0	0	14	0	0	0	...
	SLV	190	0	0	...	0	0	0	2001-19	0	0	0	0	190	229	0	0	2001-00
CAR	CAR	37	0	0	...	0	0	0	2019-48	0	0	0	0	36	0	0	0	1999-00
	LAC	1154	0	0	...	0	0	0	2019-24	0	0	0	0	1154	0	0	0	1989-10
	DOM	60	0	0	...	0	0	0	2011-18	0	0	0	3	56	0	0	0	...
	HTI	116	0	0	...	0	0	0	2001-39	0	0	0	0	45	14	0	0	...
MEX	MEX	862	0	0	...	0	0	0	2020-23	0	0	0	0	745	0	0	0	...
	NOA	...	...	6	...	6	...	...	2023-17	...	...	...	...	...	...	...	...	2018-39
SOC	USA	...	...	14	...	14	...	...	2023-22	...	...	...	...	...	...	...	...	2017-00
	ARG	94	0	0	...	0	0	0	2022-26	0	0	0	0	93	0	0	0	2009-27
	CHL	14	0	0	...	0	0	0	2020-03	0	0	0	0	14	0	0	0	...
	PRY	1048	0	0	...	0	0	0	1998-44	0	0	0	0	201	0	0	0	2003-06
	URY	...	...	...	...	...	...	...	2020-07	...	...	...	...	...	...	...	...	...
TOTAL	6344	0	20	...	20	--	0	0	0	--	40	4699	646	0	0	0	--	

*Congenital Rubella Infection.

...No updated report received



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 1-22, 2023

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
BRA	VEN							
	BRA							
	CAP							
	CRI							
CAR	GTM							
	HND							
	NIC							
	PAN							
LAC	SLV							
	CAR							
	CUB							
	DOM							
MEX	HTI							
	MEX							
NOA	CAN	6						
	USA	14						
SOC	ARG							
	CHL							
	PRY							
	URY							
TOTAL		20	0	0	0	0	0	0

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 1-22, 2023

Country	Pending Cases 2022	Cumulative 2023	Week of Onset						% Pend. cases
			1-17	18	19	20	21	22	
BOL	2	33	33	...	...	...	...	...	83
COL	89	162	55	18	23	35	31	0	23
ECU	1	0	0	0	0	0	0	0	0
PER	0	8	4	0	0	0	2	2	16
VEN	6	173	173	0	0	0	0	0	21
BRA	151	187	141	27	19	0	0	0	22
CAP	0	0	0	0	0	0	0	0	0
CRI	0	0	0	0	0	0	0	0	0
GTM	0	0	0	0	0	0	0	0	0
HND	2	0	0	0	0	0	0	0	0
NIC	0	2	2	0	0	0	0	0	5
PAN	0	2	2	...	...	...	...	...	13
SLV	0	0	0	0	0	0	0	0	0
CAR	0	1	0	0	0	1	...	...	3
CUB	0	0	0	0	0	0	0	0	0
DOM	0	1	1	0	0	0	0	0	2
HTI	34	71	52	4	4	10	1	0	61
MEX	196	117	66	8	14	9	10	10	14
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	1	1	0	0	0	0	0	1
CHL	9	0	0	0	0	0	0	0	0
PRY	43	846	837	2	3	3	1	0	81
URY	...	...	...	...	...	...	...	...	...
TOTAL	533	1604	1367	59	63	58	45	12	25

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-22, 2023

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 (2022/23-2023/22)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4161	...	90	90	83	85	1.8	0.0
	COL	4935	99	84	82	90	94	2.5	12.4
	ECU	2184	...	90	96	76	100	1.8	0.0
	PER	7781	...	90	96	66	30	0.3	0.0
BRA	VEN	13092	...	93	95	32	37	3.9	0.0
	BRA	...	...	...	...	85	30	1.3	0.2
	CAP	82	...	100	100	95	100	1.7	1.8
	CRI	1541	72	100	99	79	99	1.1	0.0
CAR	GTM	469	92	76	100	79	100	1.2	1.1
	HND	185	...	98	100	98	98	2.1	4.4
	NIC	324	...	88	100	81	100	1.0	0.3
	PAN	1326	91	92	99	99	99	6.6	39.7
LAC	SLV	758	...	24	84	24	62	1.0	0.0
	CAR	168	100	100	100	100	100	9.6	0.0
	CUB	247	...	45	97	80	80	1.6	0.0
	DOM	712	94	84	95	10	34	1.8	3.3
MEX	HTI	20227	96	93	100	93	92	1.8	0.0
	MEX	...	...	...	...	...	...	...	...
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	1	83	57	50	1.7	0.0
	CHL	808	80	36	100	93	86	1.4	2.9
	PRY	1442	99	51	78	80	86	20.4	0.5
	URY	155	...	...	...	...	...	...	...
Total and Average*		61381	49	82	92	80	75	2.0	1.8

*Weighted

... No updated report received.

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2022). World Population Prospects 2022, Online Edition.