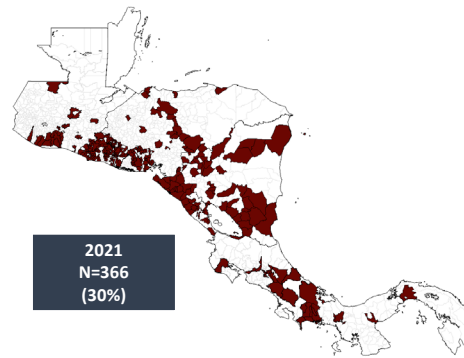
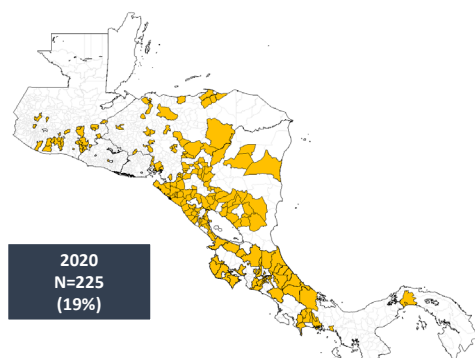


Municipalities* reporting suspected cases of measles and rubella Central America countries, 2020-2021**



In 2020 and 2021, 81% and 70% of municipalities did not report suspected cases. This high proportion of silent municipalities is mainly due to the COVID-19 pandemic.

* Some municipalities did not match the geocode used to develop this map.
**Data as of 12 August 2022.

Source: Integrated Surveillance Information System (ISIS)

Country	Number of municipalities		Number of municipalities with cases	
	2020	2021	2020	2021
Costa Rica	81	81	37	14
El Salvador	262	262	1	184
Guatemala	340	340	53	49
Honduras	298	298	37	24
Nicaragua	153	153	86	80
Panama	81	81	11	15
TOTAL	1215	1215	225	366

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-34, 2022

Subregion and Country	Susp. Cases 2022	Measles Confirmed 2022				Year/Week Last Conf. Measles case	Rubella Confirmed 2022			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2022		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	108	0	0	...	0	2020-16	0	0	0	2006-03	1	106	0	0	0	...
	COL	718	0	0	...	0	2020-09	0	0	0	2012-31	0	577	495	0	0	2005-34
	ECU	176	0	0	...	0	2018-33	0	0	0	2004-49	7	160	0	0	0	2011-14
	PER	83	0	0	...	0	2019-18	0	0	0	2009-04	0	77	0	0	0	2007-16
	VEN	372	0	0	...	0	2019-33	0	0	0	2007-51	5	367	0	0	0	...
BRA	BRA	2378	1	42	...	43	2022-32	0	0	0	2014-40	0	2089	39	0	0	2009-34
CAP	CRI	7	0	0	...	0	2019-13	0	0	0	2001-39	0	6	5	...	...	...
	GTM	107	0	0	...	0	2018-03	0	0	0	2006-31	0	104	0	...	...	2005-00
	HND	86	0	0	...	0	1998-16	0	0	0	2004-11	0	83	13	0	0	2001-00
	NIC	68	0	0	...	0	1994-14	0	0	0	2004-19	0	66	26	0	0	2005-00
	PAN	8	0	0	...	0	2011-20	0	0	0	2002-48	0	8	0	0	0	...
	SLV	463	0	0	...	0	2001-19	0	0	0	2006-30	0	463	164	0	0	2001-00
CAR	CAR	13	0	0	...	0	2019-48	0	0	0	2008-18	0	10	0	0	0	1999-00
LAC	CUB	1000	...	...	...	...	2019-24	...	...	...	2004-06	0	1000	0	...	...	1989-10
	DOM	60	0	0	...	0	2011-18	0	0	0	2007-45	2	58	0	0	0	...
	HTI	120	0	0	...	0	2001-39	0	0	0	2006-21	0	99	46	0	0	...
MEX	MEX	1691	0	0	...	0	2020-23	0	0	0	2018-14	0	1533	0	0	0	...
NOA	CAN	...	...	3	...	3	2022-19	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	13	...	13	2022-34	0	0	0	2019-03	...	...	...	...	...	2017-00
SOC	ARG	253	0	2	...	2	2022-26	0	0	0	2019-47	0	250	0	0	0	2009-27
	CHL	181	0	0	...	0	2020-03	0	0	0	2019-14	0	177	48	0	0	...
	PRY	327	0	0	...	0	1998-44	0	0	0	2005-21	0	315	4	0	0	2003-06
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...
TOTAL		8219	1	60	...	61	--	0	0	0	--	15	7548	840	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 1-34, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA			43				
	CAP							
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
MEX	MEX							
	NOA	3						
NOA	CAN	13						
	USA							
SOC	ARG	1			1			
	CHL							
	PRY							
	URY							
TOTAL		17	0	43	1	0	0	0

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

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 1-34, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1-29	30	31	32	33	34	
BOL	0	0	0	0	0	0	0	0	0
COL	133	141	59	6	18	32	26	0	20
ECU	0	9	9	0	0	0	0	0	5
PER	0	6	3	0	0	2	1	0	7
VEN	2	0	0	0	0	0	0	...	0
BRA	22	250	203	22	15	10	0	...	11
CRI	3	1	1	0	0	0	...	...	14
GTM	0	3	2	1	0	0	0	...	3
HND	0	3	2	0	1	0	0	0	3
NIC	0	2	2	0	0	0	0	0	3
PAN	0	0	0	...	...	...	...	...	0
SLV	0	0	0	0	0	0	0	0	0
CAR	1	3	1	1	1	0	0	0	23
CUB	0	0	0	0	0	0	0	0	0
DOM	0	0	0	0	0	0	0	0	0
HTI	20	21	19	1	0	0	1	0	18
MEX	58	158	76	21	14	12	20	15	9
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	1	1	0	0	0	0	0	0
CHL	0	4	1	1	1	0	1	0	2
PRY	0	12	6	1	2	0	1	2	4
URY	0	...	...	...	...	...	...	...	...
TOTAL	239	614	385	54	52	56	50	17	7

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-34, 2022

Subregion and Country		Sites Reporting Weekly		% Cases with Adequate Investigation	% Cases with Adequate Sample	% Blood Samples Received in Lab. ≤5 days	% Lab. Results ≤4 days	Rate of Suspected Cases Last 52 weeks (2021/35-2022/-34)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	4156	84	95	96	90	95	1.3	0.0
	COL	5296	...	78	57	90	92	2.0	1.1
	ECU	2184	...	89	72	49	73	1.5	0.0
	PER	7781	...	92	80	42	28	0.3	0.0
	VEN	13092	...	100	94	6	3	2.7	0.0
BRA	BRA	...	...	...	...	89	90	1.4	0.3
	CAP	82	...	100	86	100	100	0.2	12.0
	GTM	1541	...	99	95	73	91	0.7	0.0
	HND	469	92	88	99	93	98	1.1	1.5
	NIC	185	...	100	97	93	96	1.5	6.0
	PAN	324	...	63	100	75	100	0.4	0.0
	SLV	1311	91	91	99	98	97	8.9	24.3
	CAR	758	42	69	92	0	75	0.2	0.0
	LAC	168	...	100	100	100	100	12.4	0.0
	DOM	247	...	33	95	86	97	0.6	0.0
HTI	659	97	90	97	25	63	1.4	2.7	
MEX	MEX	20093	...	92	99	94	94	1.7	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	80	71	66	0.7	0.0
	CHL	799	76	43	94	97	98	1.1	6.7
	PRY	1398	99	79	96	84	100	7.7	0.3
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		61482	13	89	91	85	87	1.7	0.9

*Weighted

... No updated report received

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2019). World Population Prospects 2019, Online Edition. International Programs Center, Population Division, U.S. Census Bureau IDB Release Date: September 2019.