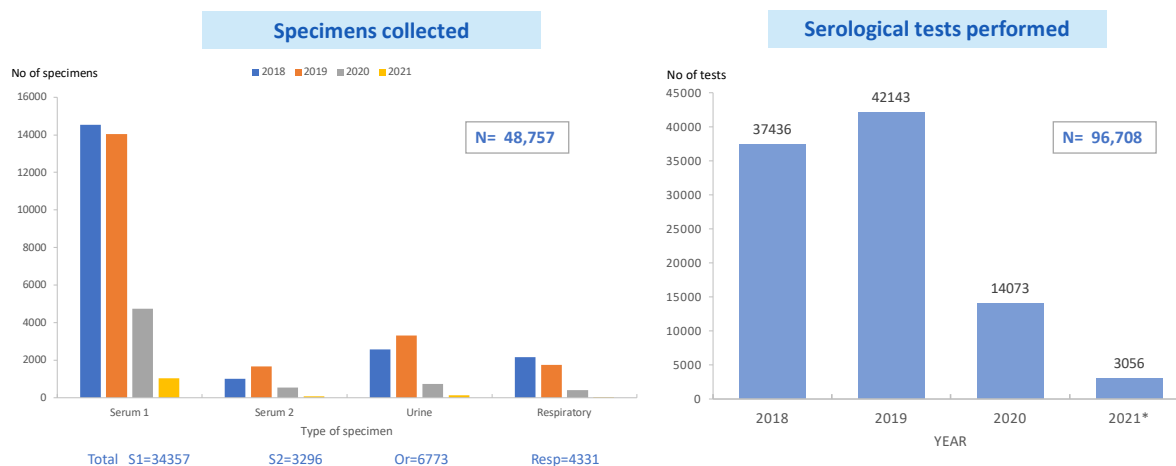




Specimens collected and serological tests performed for surveillance of measles and rubella, 2018 – 2021*



Source: Country reports through weekly surveillance reporting case by case data
*Data reported as EW 24 of 2021.

Due to the impact of COVID-19 pandemic on epidemiological surveillance activities and in the decrease of notification of suspected measles and rubella cases, a reduction in the collection of blood (66%), urine (78%) and respiratory (77%) specimens for laboratory diagnosis was observed in 2020 compared to 2019. As a result, fewer serological tests were performed during the same analysis period, a trend that continues in 2021.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-25, 2021

Subregion and Country	Susp. Cases 2021	Measles Confirmed 2021				Year/Week Last Conf. Measles case	Rubella Confirmed 2021			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2021		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case				
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*					
AND	BOL	31	0	0	...	0	0	0	2020-16	0	0	0	2006-03	1	28	30	0	0	...	
	COL	405	0	0	...	0	0	0	2020-09	0	0	0	2012-31	0	249	0	...	...	2005-34
	ECU	...	...	...	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	2011-14
	PER	26	0	0	...	0	0	0	2019-18	0	0	0	2009-04	0	23	0	0	0	2007-16	
	VEN	518	0	0	...	0	0	0	2019-33	0	0	0	2007-51	11	374	0	0	0	...	
BRA	BRA	1409	111	362	...	473	0	0	0	2021-22	0	0	0	2014-40	0	723	16	0	0	2009-34
CAP	CRI	12	0	0	...	0	0	0	2019-13	0	0	0	2001-39	0	10	27	0	0	...	
	GTM	49	0	0	...	0	0	0	2018-03	0	0	0	2006-31	0	49	1	0	0	2005-00	
	HND	19	0	0	...	0	0	0	1998-16	0	0	0	2004-11	0	19	8	0	0	2001-00	
	NIC	78	0	0	...	0	0	0	1994-14	0	0	0	2004-19	0	75	26	0	0	2005-00	
	PAN	10	0	0	...	0	0	0	2011-20	0	0	0	2002-48	0	7	0	0	0	...	
	SLV	37	0	0	...	0	0	0	2001-19	0	0	0	2006-30	0	37	0	0	0	2001-00	
CAR	CAR	4	0	0	...	0	0	0	2019-48	0	0	0	2008-18	0	3	0	0	0	1999-00	
LAC	CUB	85	0	0	...	0	0	0	2019-24	0	0	0	2004-06	0	85	0	0	0	1989-10	
	DOM	13	0	0	...	0	0	0	2011-18	0	0	0	2007-45	1	11	0	0	0	...	
	HTI	81	0	0	...	0	0	0	2001-39	0	0	0	2006-21	0	47	18	0	0	...	
MEX	MEX	575	0	0	...	0	0	0	2020-23	0	0	0	2018-14	0	531	0	0	0	...	
NOA	CAN	...	...	...	...	0	0	0	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	2	...	2	0	0	2021-16	0	0	0	2019-03	...	...	...	...	...	2017-00
SOC	ARG	1	0	0	...	0	0	0	2020-12	0	0	0	2019-47	0	1	0	0	0	2009-27	
	CHL	12	0	0	...	0	0	0	2020-03	0	0	0	2019-14	0	12	28	0	0	...	
	PRY	261	0	0	...	0	0	0	1998-44	0	0	0	2005-21	1	249	1	0	0	2003-06	
	URY	0	0	0	...	0	0	0	2020-07	0	0	0	2001-37	0	0	0	0	0	...	
TOTAL		3626	111	364	...	475	--	0	0	0	--	14	2533	155	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 01-25, 2021

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA				473			
	CAP							
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	CUB							
	DOM							
	HTI							
MEX	MEX							
NOA	CAN							
	USA	1	1					
SOC	ARG							
	CHL							
	PRY							
	URY							
	TOTAL	1	1	0	473	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 01-25, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset							% Pend. Cases
			1-20	21	22	23	24	25		
BOL	0	2	1	1	0	0	0	0	0	6
COL	45	156	94	19	22	18	3	0	0	39
ECU	25	...	...	...	...	...	...	...	...	...
PER	0	3	1	0	0	1	0	1	1	12
VEN	0	16	16	0	0	0	0	0	0	3
BRA	511	143	32	18	10	8	2	0	0	10
CRI	0	2	2	0	0	0	0	...	...	17
GTM	0	0	0	0	0	0	0	0	0	0
HND	0	0	0	0	0	0	0	0	0	0
NIC	0	3	0	1	0	0	0	2	2	4
PAN	0	3	0	0	1	1	1	...	...	30
SLV	0	0	0	...	...	...	...	...	...	0
CAR	0	1	0	0	1	0	0	0	0	25
LAC	0	0	0	...	...	...	...	...	...	0
	DOM	1	1	0	0	0	1	0	0	8
	HTI	18	34	31	0	3	0	0	0	42
MEX	MEX	152	44	12	6	10	7	4	5	8
NOA	CAN	...	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...	...
SOC	ARG	1	0	0	0	0	0	0	...	0
	CHL	1	0	0	0	0	0	0	0	0
	PRY	7	11	4	1	0	0	3	3	4
	URY	1	0	0	...	...	...	...	...	0
	TOTAL	762	419	193	46	47	36	13	11	12

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-25, 2021

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 (2020/27-2021/25)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a
AND	BOL	2657	...	97	100	90	90	0.9	1.3
	COL	9224	...	36	0	0	0	1.2	4.4
	ECU	2184	...	...	...	...	...	...	...
	PER	7781	...	73	77	67	57	0.1	0.0
	VEN	13092	...	93	95	28	10	0.5	0.0
CAP	BRA	...	72	...	...	97	96	1.3	0.1
	CRI	82	43	100	100	100	33	0.4	23.0
	GTM	1541	58	100	98	80	96	0.4	0.0
	HND	469	93	100	100	95	100	0.6	0.9
	NIC	185	...	100	96	94	92	2.4	3.7
	PAN	324	...	60	100	80	100	0.3	0.0
	SLV	1291	...	95	86	100	100	1.7	0.0
CAR	CAR	758	65	0	75	0	50	0.2	1.0
LAC	CUB	168	...	100	100	100	100	8.5	0.0
	DOM	247	...	0	100	77	54	0.3	0.0
	HTI	659	94	88	95	40	54	1.2	2.6
MEX	MEX	20188	96	92	100	97	96	0.9	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	100	100	100	0.0	0.0
	CHL	788	56	75	83	83	92	0.1	0.8
	PRY	1337	99	61	97	72	93	5.1	0.1
	URY	155	...	0	0	0	0	0.1	0.0
Total and Average*		63914	37	79	97	82	80	1.1	0.8

*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.