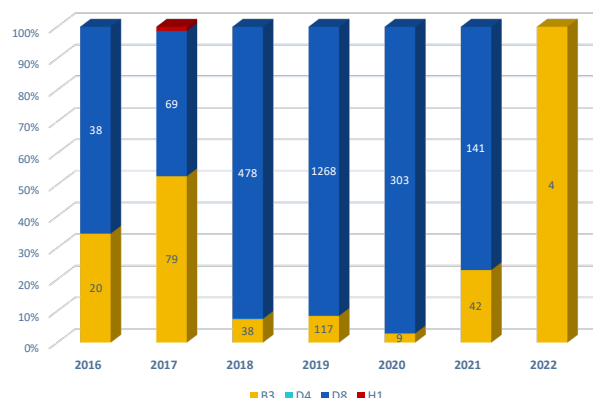


Distribution of measles sequences reported to MeaNS2 by genotype and year, The Americas 2016-2022*

	B3	D4	D8	H1	Total
2016	20		38		58
2017	79		69	2	150
2018	38	1	478		517
2019	117		1268		1385
2020	9		303		312
2021	42		141		183
2022	4				4
Total	309	1	2,297	2	2,609



Source: MeaNS2 (Measles Nucleotide Surveillance), N-450 sequences by 1 April 2022*

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 12, 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	7	0	0	...	0	0	0	2020-16	0	0	0	0	7	0	0	0	...
	COL	174	0	0	...	0	0	0	2020-09	0	0	0	0	57	129	0	0	2005-34
	ECU	0	0	0	...	0	0	0	2018-33	0	0	0	0	0	0	0	0	2011-14
	PER	18	0	0	...	0	0	0	2019-18	0	0	0	0	14	0	0	0	2007-16
	VEN	103	0	0	...	0	0	0	2019-33	0	0	0	2	7	0	0	0	...
BRA	BRA	233	0	12	...	12	0	0	2022-09	0	0	0	0	124	7	...	...	2009-34
CAP	CRI	0	0	0	...	0	0	0	2019-13	0	0	0	0	0	5	...	...	...
	GTM	9	0	0	...	0	0	0	2018-03	0	0	0	0	9	0	...	...	2005-00
	HND	20	0	0	...	0	0	0	1998-16	0	0	0	0	18	1	0	0	2001-00
	NIC	30	0	0	...	0	0	0	1994-14	0	0	0	0	28	6	0	0	2005-00
	PAN	...	...	...	...	...	...	...	2011-20	...	...	...	...	...	...	...	...	...
	SLV	101	0	0	...	0	0	0	2001-19	0	0	0	0	101	70	0	0	2001-00
CAR	CAR	0	0	0	...	0	0	0	2019-48	0	0	0	0	0	0	0	0	1999-00
LAC	CUB	...	...	...	...	...	...	...	2019-24	...	...	...	...	...	...	...	...	1989-10
	DOM	5	0	0	...	0	0	0	2011-18	0	0	0	1	4	0	0	0	...
	HTI	24	0	0	...	0	0	0	2001-39	0	0	0	0	15	11	0	0	...
MEX	MEX	303	0	0	...	0	0	0	2020-23	0	0	0	0	256	0	0	0	...
NOA	CAN	...	...	1	...	1	0	0	2022-10	0	0	0	...	...	...	...	...	2018-39
	USA	...	...	2	...	2	0	0	2022-06	0	0	0	...	...	...	...	...	2017-00
SOC	ARG ^a	20	0	1	...	1	0	0	2022-12	0	0	0	0	20	0	0	0	2009-27
	CHL	8	0	0	...	0	0	0	2020-03	0	0	0	0	8	11	0	0	...
	PRY	121	0	0	...	0	0	0	1998-44	0	0	0	0	113	0	0	0	2003-06
	URY	...	...	...	...	...	...	...	2020-07	...	...	...	...	...	...	...	...	...
TOTAL		1176	0	16	...	16	0	0	0	0	0	0	3	781	240	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) Source: Ministry of Health, Argentina webpage: <https://bancos.salud.gob.ar/recurso/actualizacion-epidemiologica-caso-confirmado-de-sarampion-importado-en-ciudad-de-buenos>



Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 12, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA CAP	BRA			12				
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	DOM							
MEX	HTI							
	MEX							
NOA	CAN	1						
	USA	2						
SOC	ARG	1						
	CHL							
	PRY							
	URY							
TOTAL		4	0	12	0	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 12, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1-7	8	9	10	11	12	
BOL	0	0	0	0	0	0	...	...	0
COL	133	117	38	13	24	16	23	3	67
ECU	47	0	0	0	0	0	0	...	0
PER	0	4	0	0	1	0	2	1	22
VEN	5	0	0	0	0	...	...	...	0
BRA	28	97	55	17	14	11	0	...	42
CRI	3	0	0	0	...	...	...	...	0
GTM	0	0	0	0	0	0	...	...	0
HND	1	2	2	0	0	0	0	0	10
NIC	0	2	1	0	1	0	0	0	7
PAN	1	...	...	...	...	...	...	...	...
SLV	0	0	0	0	0	0	0	...	0
CAR	1	0	0	0	0	0	0	0	0
CUB	0	...	...	...	...	...	...	...	...
DOM	0	0	0	0	0	0	0	0	0
HTI	20	9	7	2	0	0	0	0	38
MEX	58	47	9	6	4	6	7	15	16
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	1	0	0	0	0	0	0	0	0
CHL	0	0	0	0	0	0	0	0	0
PRY	1	8	3	0	0	3	2	0	7
URY	0	...	...	...	...	...	...	...	...
TOTAL	299	286	115	38	44	36	34	19	24

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 12, 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 (2021/13-2022/12)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	57	86	86	71	0.9	1.3	
	COL	5296	...	6	0	0	0	1.9	3.2	
	ECU	2184	...	0	0	0	0	1.0	0.0	
	PER	7781	...	78	78	33	13	0.2	0.0	
	VEN	13092	...	92	94	28	73	1.0	0.0	
CAP	BRA	...	...	...	...	79	92	0.9	0.2
	CRI	82	...	0	0	0	0	0.2	12.0	
	GTM	1541	...	100	89	67	78	0.3	0.0	
	HND	469	92	85	100	95	90	0.6	0.9	
	NIC	185	...	100	93	90	90	2.0	4.4	
	PAN	324	...	0	0	0	0	0.5	0.0	
	SLV	1305	...	88	98	97	91	6.4	24.3	
	CAR	758	78	0	0	0	0	0.1	0.0	
	LAC	CUB	168	...	0	0	0	0	1.6	0.0
	DOM	247	...	20	100	80	100	0.3	0.0	
MEX	HTI	659	94	88	100	25	46	1.2	1.5	
	MEX	20187	96	95	100	93	95	1.2	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	75	55	30	0.2	0.0	
	CHL	799	74	75	88	100	100	0.2	5.0	
	PRY	1383	96	79	94	78	99	7.4	0.3	
	URY	155	...	...	...	...	...	0.0	0.0
Total and Average*		60056	38	74	96	78	88	1.1	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.