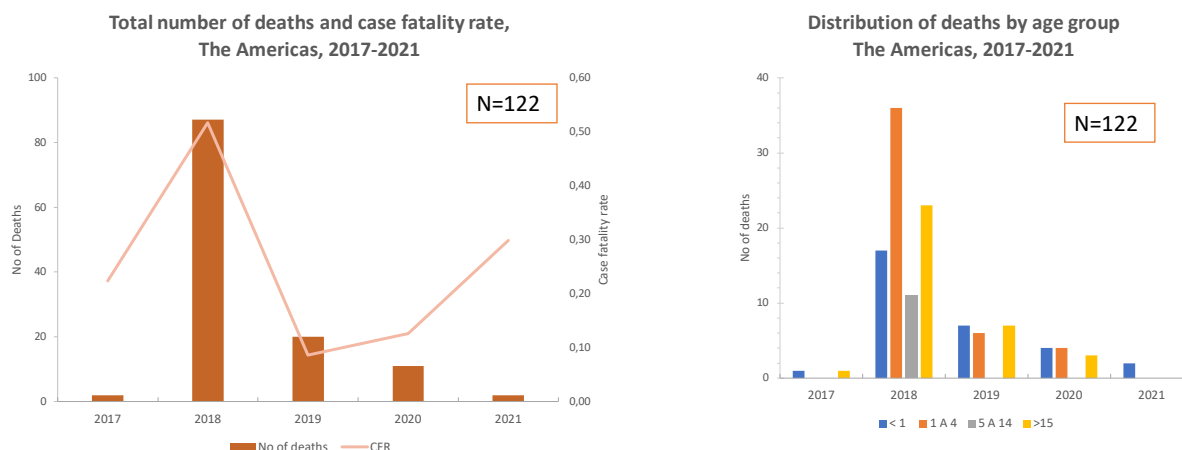




Measles deaths in the Americas, 2017-2021*



Argentina (n=1), Brazil (n=40), Colombia (n=1), and Venezuela (n=80)

Source: Country reports sent to PAHO. | * Data as of epidemiological week 46, 2021

A total of 122 deaths attributable to measles (case fatality rate: 0.24) were notified in the Americas, for the period 2017-2021. Venezuela and Brazil reported the higher percentage of deaths (66% and 32% respectively), which mainly occurred in the under five population.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-46, 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	96	0	0	...	0	0	0	2020-16	0	0	0	9	87	30	0	0	...
	COL	889	0	0	...	0	0	0	2020-09	0	0	0	0	731	157	0	0	2005-34
	ECU	149	0	0	...	0	...	...	2018-33	...	...	...	4	107	0	0	0	2011-14
	PER	59	0	0	...	0	0	0	2019-18	0	0	0	0	57	0	0	0	2007-16
	VEN	1083	0	0	...	0	0	0	2019-33	0	0	0	2007-51	34	747	0	0	0
BRA	BRA	2354	141	493	...	634	0	0	0	2021-44	0	0	0	1536	51	0	0	2009-34
CAP	CRI	20	0	0	...	0	0	0	2019-13	0	0	0	2001-39	0	17	75	0	0
	GTM	72	0	0	...	0	0	0	2018-03	0	0	0	2006-31	1	71	1	0	0
	HND	44	0	0	...	0	0	0	1998-16	0	0	0	2004-11	1	43	17	0	0
	NIC	132	0	0	...	0	0	0	1994-14	0	0	0	2004-19	0	129	45	0	0
	PAN	19	0	0	...	0	0	0	2011-20	0	0	0	2002-48	0	17	0	0	0
	SLV	308	0	0	...	0	0	0	2001-19	0	0	0	2006-30	0	308	0	0	0
CAR	CAR	5	0	5	...	5	0	0	2021-44	0	0	0	2008-18	0	4	0	0	0
LAC	CUB	401	0	0	...	0	0	0	2019-24	0	0	0	2004-06	0	401	0	0	0
	DOM	29	0	0	...	0	0	0	2011-18	0	0	0	2007-45	1	26	0	0	0
	HTI	113	0	0	...	0	0	0	2001-39	0	0	0	2006-21	0	97	26	0	0
MEX	MEX	1227	0	0	...	0	0	0	2020-23	0	0	0	2018-14	0	1153	0	0	0
NOA	CAN	...	...	...	...	0	0	0	2020-06	0	0	0	2019-50	0	0	0	...	...
	USA	...	...	46	1	47	0	0	0	2021-43	0	0	0	2019-03	0	0	...	...
SOC	ARG	48	0	0	...	0	0	0	2020-12	0	0	0	2019-47	0	48	0	0	0
	CHL	37	0	0	...	0	0	0	2020-03	0	0	0	2019-14	0	36	97	0	0
	PRY	514	0	0	...	0	0	0	1998-44	0	0	0	2005-21	1	499	5	0	0
	URY	0	0	0	...	0	0	0	2020-07	0	0	0	2001-37	0	0	0	0	0
TOTAL		7599	141	544	1	686	--	0	0	0	--	51	6114	504	0	0	0	--

*Congenital Rubella Infection.

...No updated report received



Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-46, 2021

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA CAP	BRA				634			
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR	5						
	LAC							
	DOM							
HTI								
MEX								
NOA	MEX		1					
	CAN	46						
	USA							
SOC	ARG							
	CHL							
	PRY							
	URY							
TOTAL		51	1	0	634	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 01-46, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset						% Pend. cases
			1-41	42	43	44	45	46	
BOL	0	0	0	0	0	0	0	0	0
COL	5	158	110	0	0	30	18	0	18
ECU	8	38	38	0	0	...	...	...	26
PER	0	2	0	0	0	0	1	1	3
VEN	3	24	24	0	0	...	...	...	2
BRA	511	184	102	26	20	23	13	0	8
CRI	0	3	3	0	0	0	0	0	15
GTM	0	0	0	0	0	0	0	0	0
HND	0	0	0	0	0	0	0	0	0
NIC	0	3	3	0	0	0	0	0	2
PAN	0	2	0	2	0	0	0	0	11
SLV	0	0	0	0	0	0	0	0	0
CAR	0	1	1	0	0	0	0	0	20
CUB	0	0	0	0	0	0	0	0	0
DOM	0	2	1	1	0	0	0	0	7
HTI	19	16	16	0	0	0	0	0	14
MEX	152	74	29	3	0	10	16	16	6
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	2	0	0	0	0	0	0	...	...
CHL	0	1	1	0	0	0	0	...	3
PRY	0	14	4	0	3	2	2	3	3
URY	1	0	0	...	...	...	...	...	0
TOTAL	701	522	332	32	23	65	50	20	7

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-46, 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 (2020/48-2021/46)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	99	99	96	95	1,3	1,3	
	COL	5297	97	47	0	0	0	1,9	2,1	
	ECU	2184	...	87	72	55	75	1,0	0,0	
	PER	7781	...	83	80	67	45	0,2	0,0	
	VEN	13092	...	49	93	26	30	1,1	0,0	
BRA CAP	BRA	...	66	...	...	92	98	1,2	0,2
	CRI	82	...	95	100	100	50	0,4	30,2	
	GTM	1541	98	100	97	76	96	0,4	0,0	
	HND	469	93	93	100	91	89	0,6	1,3	
	NIC	185	...	100	97	95	94	2,2	5,3	
	PAN	324	...	68	95	74	95	0,5	0,0	
	SLV	1300	91	86	99	99	97	5,1	0,0	
	CAR	CAR	758	77	0	60	0	75	0,1	0,0
	LAC	CUB	168	...	100	100	100	100	0,8	0,0
	DOM	247	...	21	90	69	58	0,3	0,0	
HTI	659	96	88	93	50	73	1,1	3,0		
MEX	MEX	20150	...	91	100	96	95	1,0	0,0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	
SOC	ARG	784	...	0	85	73	29	0,1	0,0	
	CHL	788	...	51	86	86	89	0,2	4,5	
	PRY	1362	99	76	96	80	95	7,6	0,3	
	URY	155	...	0	0	0	0	0,0	0,0	
Total and Average*		59983	18	73	96	80	84	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.