

Efficacy of the follow-up vaccination campaigns (FVC) in the Americas, 2003 to 2019

Between 2003 and 2010, 18 countries carried out 27 FVC; 12 campaigns implemented in 11 countries reached coverage ≥ 95%.

YEAR	COUNTRIES	<80%	80-89%	90-94%	≥95%
2003	Bolivia				95
	Panama				98
2004	Paraguay			93	
	Brazil			94	
2005	Dominican Republic				97
	Honduras			94	
2006	Nicaragua			94	
	Argentina	79			
2007	Chile			93	
	Suriname		86		
2008	Colombia	89			
	Mexico	48			
2009	Venezuela				99
	El Salvador				99
2010	Ecuador				100
	Guatemala				100
2011	Jamaica			93	
	Honduras				97
2012	Nicaragua				95
	Panama			94	
2013	Argentina			82	
	Paraguay			93	
2014	Chile	75			
	Colombia			94	
2015	Dominican Republic				96
	Mexico				97
2016	Dominican Republic				96
	Haiti				99
2017	Mexico				94
	Peru				96
2018	Honduras				96
	Nicaragua				100
2019	Argentina			89	
	Brazil				98
2020	Panama				97
	Guatemala				91
2021	Haiti				92
	Peru				95
TOTAL POPULATION	51,228,150	4	2	9	12
TOTAL FVC	18/27	15%	7%	33%	44%

Between 2011 and 2019, 16 countries carried out 24 FVC; 10 campaigns implemented in 7 countries reached coverage ≥ 95%.

YEAR	COUNTRIES	<80%	80-89%	90-94%	≥95%
2011	Brazil				98
	Costa Rica			93	
2012	Peru		85		
	Ecuador				100
2013	Haiti				100
	Guatemala			93	
2014	Argentina		82		
	Brazil		89		
2015	Paraguay	73			
	Jamaica		85		
2016	Chile		83		
	Bolivia	73			
2017	Dominican Republic				95
	Haiti				99
2018	Mexico			94	
	Peru	78			
2019	Honduras				96
	Nicaragua				100
2020	Argentina		89		
	Brazil				98
2021	Panama				97
	Guatemala				91
2022	Haiti				92
	Peru				95
TOTAL POPULATION	31,292,829	3	6	5	10
TOTAL FVC	16/24	13%	25%	21%	42%

Between 2003 and 2019, 20 countries implemented 52 follow-up campaigns; 22 campaigns (44%) implemented in 13 countries achieved coverage ≥ 95%. More than 82 million children aged 1-6 years old were vaccinated between during this period.

Source: Country reports through the PAHO-WHO/UNICEF Joint Reporting Form (JRF).

Table.1 Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 20, 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	30	0	0	...	0	2020-16	0	0	0	2006-03	0	14	0	0	0	...
	COL	359	0	0	...	0	2020-09	0	0	0	2012-31	0	219	260	0	0	2005-34
	ECU	0	0	0	...	0	2018-33	0	0	0	2004-49	0	0	0	0	0	2011-14
	PER	49	0	0	...	0	2019-18	0	0	0	2009-04	0	37	0	0	0	2007-16
	VEN	103	0	0	...	0	2019-33	0	0	0	2007-51	2	7	0	0	0	...
BRA CAP	BRA	793	0	24	...	24	2022-18	0	0	0	2014-40	0	470	22	0	...	2009-34
	CRI	6	0	0	...	0	2019-13	0	0	0	2001-39	0	6	5	...	...	...
	GTM	29	0	0	...	0	2018-03	0	0	0	2006-31	0	28	0	...	...	2005-00
	HND	37	0	0	...	0	1998-16	0	0	0	2004-11	0	33	4	0	0	2001-00
	NIC	41	0	0	...	0	1994-14	0	0	0	2004-19	0	39	12	0	0	2005-00
CAR LAC	PAN	4	0	0	...	0	2011-20	0	0	0	2002-48	0	3	0	0	0	...
	SLV	181	0	0	...	0	2001-19	0	0	0	2006-30	0	181	104	0	0	2001-00
	CAR	7	0	0	...	0	2019-48	0	0	0	2008-18	0	7	0	0	0	1999-00
	CUB	...	...	...	...	...	2019-24	...	...	...	2004-06	...	...	...	...	...	1989-10
	DOM	17	0	0	...	0	2011-18	0	0	0	2007-45	2	12	0	0	0	...
MEX NOA	HTI	48	0	0	...	0	2001-39	0	0	0	2006-21	0	37	22	0	0	...
	MEX	773	0	0	...	0	2020-23	0	0	0	2018-14	0	682	0	0	0	...
SOC	CAN	...	...	2	...	2	2022-17	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	2	...	2	2022-06	0	0	0	2019-03	...	...	...	...	...	2017-00
	ARG	68	0	1	...	1	2022-12	0	0	0	2019-47	0	67	0	0	0	2009-27
	CHL	34	0	0	...	0	2020-03	0	0	0	2019-14	0	33	28	0	0	...
	PRY	200	0	0	...	0	1998-44	0	0	0	2005-21	0	195	2	0	0	2003-06
URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...
TOTAL	2779	0	29	...	29	--	0	0	0	--	4	2070	459	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 20, 2022

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA			24				
	CAP							
	CRI							
	GTM							
	HND							
CAR	NIC							
	PAN							
	SLV							
	CAR							
	CUB							
MEX	DOM							
	HTI							
	MEX							
NOA	CAN	2						
	USA	2						
SOC	ARG	1						
	CHL							
	PRY							
	URY							
TOTAL		5	0	24	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 20, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1-15	16	17	18	19	20	
BOL	0	16	12	0	4	...	...	...	53
COL	133	140	61	9	19	26	25	0	39
ECU	53	0	0	...	...	...	...	...	0
PER	0	12	3	2	2	3	1	1	24
VEN	5	0	0	...	...	...	...	...	0
BRA	22	299	160	45	59	35	0	0	38
CRI	3	0	0	0	0	0	0	...	0
GTM	0	1	1	0	0	...	...	...	3
HND	1	4	4	0	0	0	0	0	11
NIC	0	2	2	0	0	0	0	0	5
PAN	0	1	0	0	0	1	0	...	25
SLV	0	0	0	0	0	0	0	0	0
CAR	1	0	0	0	0	0	0	0	0
CUB	0	...	...	...	...	...	...	...	...
DOM	0	3	2	0	0	1	0	...	18
HTI	20	11	9	0	0	1	1	0	23
MEX	58	91	19	4	8	11	23	26	12
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	1	0	0	0	0	1	0	3
PRY	0	5	5	0	0	0	0	0	3
URY	0	...	...	...	...	...	...	...	...
TOTAL	296	586	278	60	92	78	51	27	21

... No updated report received

Table 4

Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 20, 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 (2021/21-2022/20)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	90	87	80	80	0.9	0.0	
	COL	5173	98	8	10	43	31	1.9	3.2	
	ECU	2184	...	0	0	0	0	0.9	0.0	
	PER	7781	...	90	73	29	24	0.3	0.0	
	VEN	13092	...	92	94	28	73	0.7	0.0	
CAP	BRA	...	...	...	...	93	92	1.0	0.2
	CRI	82	...	100	100	100	100	0.3	12.0	
	GTM	1541	...	100	86	83	90	0.4	0.0	
	HND	469	92	84	100	95	95	0.7	1.1	
	NIC	185	...	100	95	93	93	1.8	4.9	
CAR	PAN	324	...	50	75	67	100	0.5	0.0	
	SLV	1303	90	91	99	97	94	4.3	24.3	
	CAR	758	78	100	100	0	100	0.2	0.0	
	LAC	CUB	168	4.1	0.0
	DOM	247	...	18	82	79	100	0.3	0.0	
MEX	HTI	659	96	90	94	25	56	1.0	1.9	
	MEX	20225	96	94	100	92	93	1.3	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	0	0	71	57	47	0.3	0.0	
	CHL	799	81	62	85	97	97	0.4	5.8	
	PRY	1397	98	81	99	84	97	7.7	0.5	
	URY	155	0.0	0.0
Total and Average*		59983	49	75	80	80	81	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.