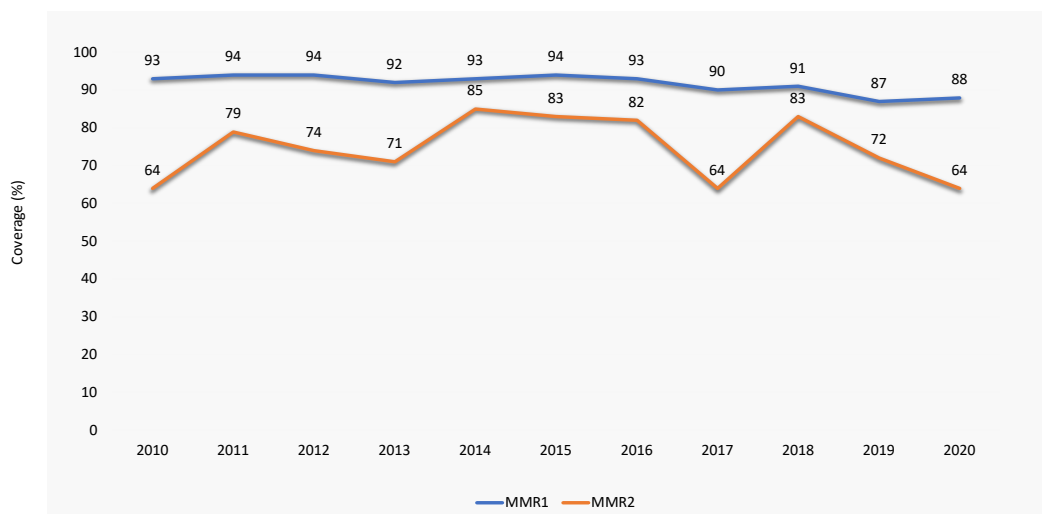


### Trend of MMR-1 and MMR-2 Vaccination Coverage in the Americas, 2010-2020



Source: Country reports through the electronic WHO/UNICEF Joint Reporting Form (eJRF)

In a 10-year period, coverage trend for the first dose of the measles-mumps-rubella containing vaccine (MMR-1) fluctuated homogeneously, with a median of 93% and a range between 87 and 94%. On the contrary, coverage trend for the second dose of MMR (MMR-2) fluctuated heterogeneously, with a median of 74%, and a range between 64 and 86%. However, for both vaccines, coverage begins to decline from 2019 (pre-pandemic), a situation that worsens for MMR-2 in 2020 (percent variation = 11).

**Table 1**  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 4, 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	2	0	0	...	0	2020-16	0	0	0	2006-03	0	2	0	0	0	...
	COL	17	0	0	...	0	2020-09	0	0	0	2012-31	0	2	6	0	0	2005-34
	ECU	...	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	2011-14
	PER	2	0	0	...	0	2019-18	0	0	0	2009-04	0	1	0	0	0	2007-16
	VEN	0	0	0	...	0	2019-33	0	0	0	2007-51	0	0	0	0	0	...
BRA	BRA	47	0	0	...	0	2021-47	0	0	0	2014-40	0	13	1	...	...	2009-34
CAP	CRI	0	0	0	...	0	2019-13	0	0	0	2001-39	0	0	5	...	...	...
	GTM	...	...	...	...	...	2018-03	...	...	...	2006-31	...	...	...	...	...	2005-00
	HND	2	0	0	...	0	1998-16	0	0	0	2004-11	0	2	1	0	0	2001-00
	NIC	12	0	0	...	0	1994-14	0	0	0	2004-19	0	12	4	0	0	2005-00
	PAN	...	...	...	...	...	2011-20	...	...	...	2002-48	...	...	...	...	...	...
	SLV	12	0	0	...	0	2001-19	0	0	0	2006-30	0	12	14	0	0	2001-00
CAR	CAR	0	0	0	...	0	2019-48	0	0	0	2008-18	0	0	0	0	0	1999-00
LAC	CUB	...	...	...	...	...	2019-24	...	...	...	2004-06	...	...	...	...	...	1989-10
	DOM	0	0	0	...	0	2011-18	0	0	0	2007-45	0	0	0	0	0	...
	HTI	4	0	0	...	0	2001-39	0	0	0	2006-21	0	0	1	0	0	...
MEX	MEX	50	0	0	...	0	2020-23	0	0	0	2018-14	0	35	0	0	0	...
NOA	CAN	...	...	...	...	0	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	...	...	0	2021-48	0	0	0	2019-03	...	...	...	...	...	2017-00
SOC	ARG	0	0	0	...	0	2020-12	0	0	0	2019-47	0	0	0	0	0	2009-27
	CHL	1	0	0	...	0	2020-03	0	0	0	2019-14	0	1	0	0	0	...
	PRY	30	0	0	...	0	1998-44	0	0	0	2005-21	0	25	0	0	0	2003-06
	URY	...	...	...	...	...	2020-07	...	...	...	2001-37	...	...	...	...	...	...
<b>TOTAL</b>	<b>179</b>	<b>0</b>	<b>0</b>	<b>...</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>0</b>	<b>105</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

...No updated report received



**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases  
for the Period of Weeks 4, 2022

Subregion and Country	Measles				Rubella		
	I	IR	En.	U	I	IR	U
AND	BOL						
	COL						
	ECU						
	PER						
	VEN						
BRA	BRA						
CAP	CRI						
	GTM						
	HND						
	NIC						
	PAN						
	SLV						
CAR	CAR						
LAC	CUB						
	DOM						
	HTI						
MEX	MEX						
NOA	CAN						
	USA						
SOC	ARG						
	CHL						
	PRY						
	URY						
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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 4, 2022

Country	Pending Cases 2021	Cumulative 2022	Week of Onset					% Pend. cases
			1	2	3	4		
BOL	0	0	0	0	0	0		0
COL	136	15	4	10	1	0		88
ECU	47	...	...	...	...	...		...
PER	1	1	0	0	1	0		50
VEN	4	0	0	0	0	...		0
BRA	124	34	16	12	6	0		72
CRI	3	0	0	0	0	0		0
GTM	0	...	...	...	...	...		...
HND	1	0	0	0	0	0		0
NIC	2	0	0	0	0	0		0
PAN	1	...	...	...	...	...		...
SLV	0	0	0	0	0	...		0
CAR	1	0	0	0	0	0		0
CUB	0	...	...	...	...	...		...
DOM	1	0	0	0	0	0		0
HTI	28	4	1	3	0	0		100
MEX	58	15	2	6	4	3		30
CAN	...	...	...	...	...	...		...
USA	...	...	...	...	...	...		...
ARG	0	0	0	...	...	...		0
CHL	0	0	0	0	0	0		0
PRY	3	5	1	1	1	2		17
URY	0	...	...	...	...	...		...
<b>TOTAL</b>	<b>410</b>	<b>74</b>	<b>24</b>	<b>32</b>	<b>13</b>	<b>5</b>		<b>41</b>

... No updated report

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 4, 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 (2021/05-2022/04)		
	Total Units	% This Week					Measles/Rubella (100,000 pop.) <sup>a</sup>	CRS (10,000 lb) <sup>a</sup>	
AND	BOL	2657	...	50	100	100	0.9	1.3	
	COL	5302	...	18	0	0	1.8	2.4	
	ECU	2184	...	...	...	...	1.0	0.0	
	PER	7781	...	50	100	0	0.2	0.0	
	VEN	13092	...	0	0	0	1.2	0.0	
	BRA	...	...	...	94	100	1.1	0.2	
CAP	CRI	82	...	0	0	0	0.3	12.0	
	GTM	1541	...	...	...	...	0.4	0.0	
	HND	469	91	50	100	100	0.5	0.9	
	NIC	185	...	100	92	83	2.1	4.1	
	PAN	324	...	...	...	...	0.5	0.0	
	SLV	1305	...	83	100	100	5.6	21.5	
CAR	CAR	758	...	0	0	0	0.1	0.0	
LAC	CUB	168	...	...	...	...	3.1	0.0	
	DOM	247	...	0	0	0	0.3	0.0	
	HTI	659	97	75	100	0	1.3	1.1	
MEX	MEX	20063	95	92	100	82	1.1	0.0	
NOA	CAN	...	...	...	...	...	...	...	
	USA	...	...	...	...	...	...	...	
SOC	ARG	784	...	0	0	0	0.1	0.0	
	CHL	789	68	0	0	0	0.2	9.4	
	PRY	1381	95	73	97	72	8.0	0.3	
	URY	155	...	...	...	...	0.0	0.0	
<b>Total and Average*</b>		<b>59926</b>	<b>37</b>	<b>94</b>	<b>74</b>	<b>98</b>	<b>91</b>	<b>1.1</b>	<b>1.2</b>

\*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.