

### Distribution of countries following year of lowering the age to administer MMR2 vaccine, Region of the Americas

Country/Territory	Year of MMR2 Introduction	MMR2 Age Administered	MMR2 Year Lower Age	MMR2 New Age Administered	Country/Territory	Year of MMR2 Introduction	MMR2 Age Administered	MMR2 Year Lower Age	MMR2 New Age Administered
Brazil	2004	Y4-Y6	2013	M15	Dominica	2001	Y3	2014	M18
Peru	2007	Y4	2013	M18	Antigua and Barbuda	1997	Y4-Y5	2015	M18
Panama	1992	>Y4	2014	M18	Guyana	2001	Y3M9	2015	M18
Ecuador	2009	Y6	2015	M18	Jamaica	2002	Y4-Y6	2015	M18
Canada	1997	M18-Y6	2018	M18	Barbados	1997	Y3-Y5	2016	M18
Venezuela	2009	Y5	2018	M18	Belize	2005	Y2	2016	M18
United States	1989	>Y4	2019	Y4	Saint Kitts and Nevis	1997	>Y2	2016	M18
El Salvador	2000	Y4	2020	M15-M18	Saint Lucia	1991	Y4-Y5	2016	M18
Uruguay	1992	Y5	2020	M15	Suriname	2005	Y4-Y5	2016	M18
Costa Rica	1992	Y6-Y7	2021	Y4	Bermuda	1994	Y4-Y6	2017	Y4-Y6
Argentina	1998	Y6	2022	Y5	Cayman Islands	1994	Y3.3	2017	M18
Chile	1992	Y6	2022	M36	Saint Vincent and The Grenadines	1997	Y4-Y5	2017	M18
Mexico	1998	Y6	2022	M18	Trinidad and Tobago	2001	Y4-Y5	2017	Y2
Haiti	2022	M12-M23			Curaçao	2017	Y4	2018	M15
Dominican Republic	2018	M18			Bahamas	2001	Y4-Y5	2019	M15
Guatemala	2016	M18			Turks and Caicos Islands	2017	Y2	2019	Y3
Honduras	2018	M18			Virgin Islands (British)	2017	M15		
Nicaragua	2017	M18			Grenada	2000	M18		
Bolivia	2018	M18-M23			Montserrat	2017	M18		
Paraguay	2004	Y4			Anguilla	2017	Y2		
Colombia	1997	Y5			Aruba	1992	Y4		
Cuba	2004	Y6			Sint Maarten	2017	Y4		

Source: Country reports through the electronic WHO/UNICEF Joint Reporting Form (eJRF)  
MMR2: second dose of measles, mumps and rubella vaccine; Y: year; M: month.

The following table highlights the countries who have lowered the age of the second dose of measles-mumps-rubella vaccine (MMR2) in the Americas following the recommendation given by the PAHO Technical Advisory Group (TAG) in 2013. Only 9 countries and territories out of 44 remained given this vaccine at age 4 years old.

**Table 1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-42, 2023**

Subregion and Country	Susp. Cases 2023	Measles Confirmed 2023				Year/Week Last Conf. Measles case	Rubella Confirmed 2023			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2023		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	138	0	0	...	0	2020-16	0	0	0	2006-03	26	83	0	0	0	...
	COL	1428	0	0	...	0	2020-09	0	0	0	2012-31	0	1294	763	0	0	2005-34
	ECU	364	0	0	...	0	2022-46	0	0	0	2004-49	10	289	0	0	0	2011-14
	PER	112	0	0	...	0	2019-18	0	0	0	2009-04	0	98	0	0	0	2007-16
	VEN	1646	0	0	...	0	2019-33	0	0	0	2007-51	67	1579	0	0	0	...
BRA	BRA	1761	0	0	...	0	2022-28	0	0	0	2014-40	0	1642	49	0	0	2009-34
CAP	CRI	84	0	0	...	0	2019-13	0	0	0	2001-39	0	84	16	0	0	...
	GTM	196	0	0	...	0	2018-03	0	0	0	2006-31	0	195	0	0	0	2005-00
	HND	94	0	0	...	0	1998-16	0	0	0	2004-11	0	92	17	0	0	2001-00
	NIC	143	0	0	...	0	1994-14	0	0	0	2004-19	29	113	36	0	0	2005-00
	PAN	50	0	0	...	0	2011-20	0	0	0	2002-48	0	48	1	0	0	...
	SLV	431	0	0	...	0	2001-19	0	0	0	2006-30	0	431	228	0	0	2001-00
CAR	CAR	56	0	0	...	0	2019-48	0	0	0	2008-18	0	53	0	0	0	1999-00
LAC	CUB	1745	0	0	...	0	2019-24	0	0	0	2004-06	0	1745	0	0	0	1989-10
	DOM	209	0	0	...	0	2011-18	0	0	0	2007-45	42	167	0	0	0	...
	HTI	213	0	0	...	0	2001-39	0	0	0	2006-21	0	157	39	0	0	...
MEX	MEX	1866	0	0	...	0	2020-23	0	0	0	2018-14	0	1688	0	0	0	...
NOA	CAN	...	...	8	...	8	2023-39	...	1	1	2023-36	...	...	...	2	...	2023-32
	USA	...	...	29	...	29	2023-39	...	...	...	2021-38	...	...	...	...	...	2017-00
SOC	ARG	185	0	0	...	0	2022-26	0	0	0	2019-47	0	185	81	0	0	2009-27
	CHL	78	0	1	...	1	2023-32	0	0	0	2019-14	0	77	62	0	0	...
	PRY	1193	0	0	...	0	1998-44	0	0	0	2005-21	1	906	7	0	0	2003-06
	URY	6	0	0	...	0	2020-07	0	0	0	2001-37	0	5	0	0	0	...
<b>TOTAL</b>	<b>11998</b>	<b>0</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>--</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>--</b>	<b>175</b>	<b>10931</b>	<b>1299</b>	<b>2</b>	<b>0</b>	<b>--</b>	<b>--</b>

\*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 1-420, 2023

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				1			
NOA	CAN	7				1		
	USA	29						
SOC	ARG							
	CHL	1						
	PRY							
	URY							
<b>TOTAL</b>		<b>37</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation  
for the Period of Weeks 1-42, 2023

Country	Pending Cases 2022	Cumulative 2023	Week of Onset						% Pend. cases
			1-37	38	39	40	41	42	
BOL	0	29	22	1	3	2	1	0	21
COL	0	134	106	16	12	0	0	0	9
ECU	1	65	37	11	9	7	1	0	18
PER	0	14	9	3	0	1	1	0	13
VEN	0	333	324	9	0	0	...	...	20
BRA	0	119	67	21	27	4	0	0	7
CRI	0	0	0	...	...	...	...	...	0
GTM	0	1	1	0	0	0	0	...	1
HND	2	2	0	1	1	0	0	0	2
NIC	0	1	0	0	0	1	0	0	1
PAN	0	2	1	0	1	0	0	0	4
SLV	0	0	0	0	0	0	0	0	0
CAR	0	3	2	0	1	0	...	...	5
CUB	0	0	0	0	0	0	...	...	0
DOM	0	0	0	0	0	0	0	0	0
HTI	34	56	56	0	0	0	0	...	26
MEX	0	178	117	8	8	17	14	14	10
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	0	0	0	0	0	0	...	0
PRY	0	286	257	3	8	10	6	2	24
URY	0	1	1	0	0	0	0	0	17
<b>TOTAL</b>	<b>37</b>	<b>1224</b>	<b>1000</b>	<b>73</b>	<b>70</b>	<b>42</b>	<b>23</b>	<b>16</b>	<b>10</b>

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-42, 2023

Subregion and Country		Sites Reporting Weekly		% Suspected cases with adequate investigation	% Suspected cases with adequate sample	% Serum samples received in lab. ≤5 days	% Serum samples with lab. results reported ≤4 days	Rate of Suspected Cases Last 52 weeks (2022/43-2023/42)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.) <sup>a</sup>	CRS (10,000 lb) <sup>a</sup>
AND	BOL	4161	93	93	88	82	85	1.5	0.0
	COL	4980	100	83	80	90	90	3.1	12.4
	ECU	2184	...	77	86	84	96	2.6	0.0
	PER	7781	...	86	87	72	46	0.4	0.0
	VEN	13092	...	92	94	18	53	4.5	0.0
CAP	BRA	...	...	...	...	87	81	1.0	0.2
	CRI	82	...	98	98	89	95	2.1	2.4
	GTM	1541	9	99	97	80	97	1.1	0.0
	HND	469	100	83	98	85	100	1.3	1.6
	NIC	185	...	92	100	99	99	2.7	5.9
	PAN	324	...	92	100	76	100	1.2	0.0
	SLV	1328	86	93	99	99	100	7.1	39.7
CAR	CAR	758	...	16	86	27	65	0.8	0.0
LAC	CUB	168	...	100	100	100	100	15.4	0.0
	DOM	247	...	38	100	78	93	2.2	0.0
	HTI	712	...	88	94	18	63	2.1	4.3
MEX	MEX	20153	95	93	100	93	92	1.6	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	9	84	69	55	0.7	0.0
	CHL	811	...	88	94	91	93	0.6	5.2
	PRY	1448	99	63	83	85	92	19.4	1.0
	URY	155	...	17	17	20	0	0.2	0.0
<b>Total and Average*</b>		<b>61363</b>	<b>51</b>	<b>85</b>	<b>93</b>	<b>79</b>	<b>85</b>	<b>2.0</b>	<b>1.8</b>

\*Weighted

... No updated report received.

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2022). World Population Prospects 2022, Online Edition.