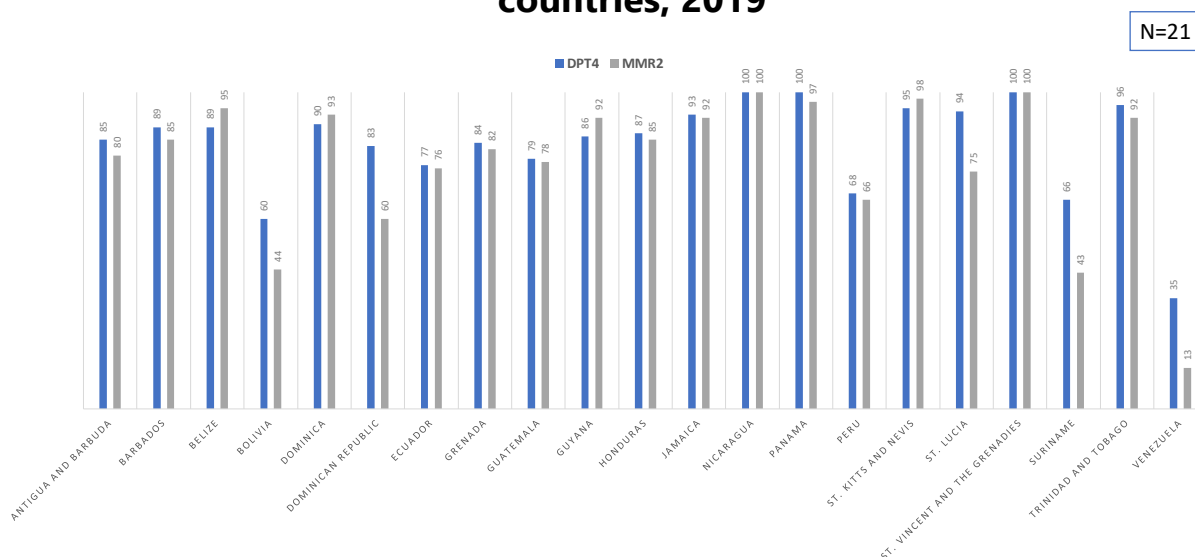




Simultaneity analysis of DPT4^(a) and MMR2^(b) coverage in selected countries, 2019



^(a) DPT4 – booster with the pertussis, diphtheria and tetanus containing vaccine
^(b) MMR2 – second dose of the measles, mumps and rubella containing vaccine

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

In 2019, in six out of 21 selected countries MMR2 coverage was higher than DPT4. For the remaining countries, the percentage difference ranged between 1 and 63 points. The objective of lowering the age of MMR2 to 18 months is to achieve >=95% coverage, while the families optimize their resources so that their children receive the same day both vaccines. Therefore, countries must continue to increase their efforts to obtain coverage >=95% for MMR2, to ensure that children are vaccinated during their second year of life.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-49, 2020

Subregion and Country	Susp. Cases 2020	Measles Confirmed 2020				Year/Week Last Conf. Measles case	Rubella Confirmed 2020			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2020		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	74	0	2	...	2	2020-16	0	0	0	2006-03	17	53	0	0	0	...
	COL	653	0	1	...	1	2020-09	0	0	0	2012-31	0	494	331	0	0	2005-34
	ECU	136	0	0	...	0	2020-06	...	...	...	2004-49	1	110	0	0	0	2011-14
	PER	72	0	0	...	0	2019-18	0	0	0	2009-04	0	66	0	0	0	2007-16
	VEN	562	0	0	...	0	2019-33	0	0	0	2007-51	32	373	0	0	0	...
BRA	BRA	17036	2830	5524	...	8354	2020-43	0	0	0	2014-40	0	8188	33	0	0	2009-34
CAP	CRI	101	0	0	...	0	2019-13	0	0	0	2001-39	5	48	81	0	0	...
	GTM	55	0	0	...	0	2018-03	0	0	0	2006-31	1	49	1	0	0	2005-00
	HND	107	0	0	...	0	1998-16	0	0	0	2004-11	0	106	9	0	0	2001-00
	NIC	114	0	0	...	0	1994-14	0	0	0	2004-19	10	96	22	0	0	2005-00
	PAN	28	0	0	...	0	2011-20	0	0	0	2002-48	0	27	0	0	0	...
	SLV	159	0	0	...	0	2001-19	0	0	0	2006-30	0	159	181	0	0	2001-00
CAR	CAR	54	0	0	...	0	2019-48	0	0	0	2008-18	0	50	12	0	0	1999-00
LAC	CUB	1408	0	0	...	0	2019-24	0	0	0	2004-06	0	1408	0	0	0	1989-10
	DOM	40	0	0	...	0	2011-18	0	0	0	2007-45	4	14	0	0	0	...
	HTI	121	0	0	...	0	2001-39	0	0	0	2006-21	0	99	43	0	0	...
MEX	MEX	2461	...	184	10	194	2020-23	0	0	0	2018-14	0	2093	0	0	0	...
NOA	CAN	...	...	1	...	1	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39
	USA	...	...	13	...	13	2020-48	...	...	...	2019-03	...	...	...	...	...	2017-00
SOC	ARG	326	0	60	1	61	2020-12	0	0	0	2019-47	3	261	0	0	0	2009-27
	CHL	46	0	2	...	2	2020-03	0	0	0	2019-14	0	39	69	0	0	...
	PRY	550	0	0	...	0	1998-44	0	0	0	2005-21	2	490	6	0	0	2003-06
	URY	9	0	0	2	2	2020-07	0	0	0	2001-37	0	6	0	0	0	...
TOTAL	24112	2830	5787	13	8630	--	0	0	0	--	75	14229	788	0	0	--	

*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 01-49, 2020

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL				2			
	COL	1						
	ECU							
	PER							
	VEN							
BRA CAP	BRA			8354				
	CRI							
	GTM							
	HND							
	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
	CUB							
MEX	DOM							
	HTI							
NOA	MEX*							
	CAN	1						
	USA	13						
SOC	ARG	7			54			
	CHL	2						
	PRY							
	URY		2					
TOTAL		24	2	8354	56	0	0	0

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.
*Pending final classification

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-49, 2020

Country	Pending Cases 2019	Cumulative 2020	Week of Onset							% Pend. Cases
			1-44	45	46	47	48	49		
BOL	1	2	0	1	1	0	...	...	3
COL	0	158	158	0	0	0	...	...	24
ECU	7	25	25	0	...	...	...	...	18
PER	13	6	2	2	0	0	1	1	8	
VEN	19	155	152	0	3	...	...	...	28
BRA	2597	495	476	8	11	0	0	...	3	
CRI	0	28	28	0	0	0	0	0	28	
GTM	0	5	5	0	0	0	0	0	9	
HND	0	1	1	0	0	0	0	0	1	
NIC	0	8	4	0	2	0	1	1	7	
PAN	1	1	1	...	...	...	...	...	4
SLV	0	0	0	0	0	0	...	...	0
CAR	6	4	3	0	0	0	1	0	7	
CUB	0	0	0	0	0	0	...	...	0
DOM	12	22	22	0	0	0	0	...	55	
HTI	29	22	20	0	1	0	0	1	18	
MEX	247	161	114	17	9	10	9	2	3	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	6	1	1	0	0	0	0	0	0	
CHL	9	5	5	0	0	0	0	0	11	
PRY	49	58	52	1	1	0	1	3	11	
URY	3	1	1	...	...	...	...	...	11
TOTAL	2999	1158	1070	29	28	10	13	8	4	

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-49, 2020

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 (2019/50-2020/49)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)	
AND	BOL	2657	...	88	93	72	88	0.7	0.0	
	COL	4612	...	50	...	...	...	1.3	9.6
	ECU	2184	...	99	71	33	61	0.9	0.0	
	PER	7781	...	92	83	58	51	0.3	0.0	
	VEN	13092	...	100	94	14	11	0.3	0.3	
CAP	BRA	...	...	...	...	74	34	9.0	0.1
	CRI	57	144	95	72	95	96	2.0	11.9	
	GTM	1541	98	98	100	56	80	0.3	0.0	
	HND	469	90	97	100	83	99	1.5	1.8	
	NIC	185	200	95	97	94	97	1.9	4.4	
	PAN	324	...	100	96	71	89	0.7	0.0	
	SLV	1288	...	87	100	97	94	2.7	0.0	
	CAR	CAR	763	83	59	94	21	74	0.9	1.0
	LAC	CUB	168	...	100	100	100	100	12.4	0.0
		DOM	247	...	43	78	78	63	0.4	0.0
	HTI	659	92	91	95	58	60	1.1	1.7	
MEX	MEX	20127	95	95	99	94	89	1.9	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	7	92	67	52	0.9	0.0	
	CHL	788	48	9	78	92	94	0.3	7.4	
	PRY	1293	97	75	91	85	94	8.9	0.9	
	URY	155	...	67	33	38	38	0.3	0.0	
Total and Average*		59174	41	85	96	76	47	4.3	1.1	

*Weighted

... No updated report received