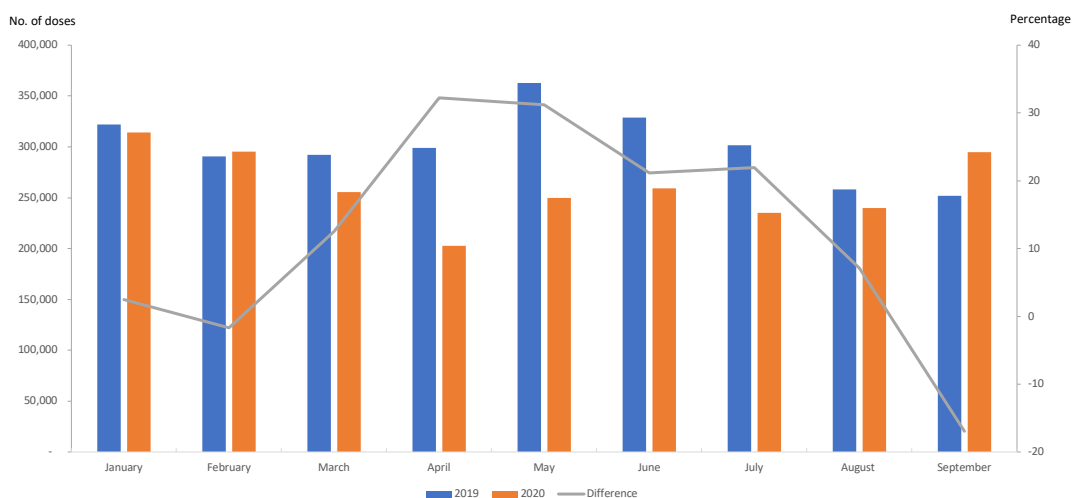




Reduction in the number of MMR1 doses among Latin American and the Caribbean*: January-September of 2019 vs 2020



MMR1: first dose of measles, mumps and rubella vaccine. Haiti uses measles-rubella containing vaccine (MR). Source: country reports sent to Immunization Unit, PAHO/WHO

*27 countries and 3 territories

Among 30 countries and territories of Latin American and the Caribbean, nearly 360,700 MMR1 doses (percentage difference: 13) were not administered between January and September of 2020 in comparison with 2019 due to the COVID-19 pandemic's disruptions in the immunization services. This reduction is significantly between April and July, with a percentage difference ranging between 22 to 32. However, we observed a sudden increase in the number of doses administered in September in comparison with 2019, yielding a positive percentage difference of 13.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-10, 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	...	...	...	...	2020-16	...	...	...	2006-03	...	...	...	...	...	...	...
	COL	...	...	...	...	2020-09	...	...	...	2012-31	...	...	...	...	...	...	2005-34
	ECU	...	...	...	...	2018-33	...	...	...	2004-49	...	...	...	...	...	...	2011-14
	PER	7	0	0	...	2019-18	0	0	0	2009-04	0	6	0	0	0	0	2007-16
	VEN	286	0	0	...	2019-33	0	0	0	2007-51	0	142	0	0	0	0	...
BRA	BRA	590	54	181	...	2021-06	0	0	0	2014-40	0	171	3	0	0	0	2009-34
CAP	CRI	0	0	0	...	2019-13	0	0	0	2001-39	0	0	0	0	0	0	...
	GTM	14	0	0	...	2018-03	0	0	0	2006-31	0	13	1	0	0	0	2005-00
	HND	7	0	0	...	1998-16	0	0	0	2004-11	0	6	4	0	0	0	2001-00
	NIC	31	0	0	...	1994-14	0	0	0	2004-19	0	24	13	0	0	0	2005-00
	PAN	...	...	...	...	2011-20	...	...	...	2002-48	...	...	...	...	...	...	...
	SLV	37	0	0	...	2001-19	0	0	0	2006-30	0	37	0	0	0	0	2001-00
CAR	CAR	1	0	0	...	2019-48	0	0	0	2008-18	0	1	0	0	0	0	1999-00
LAC	CUB	85	0	0	...	2019-24	0	0	0	2004-06	0	85	0	0	0	0	1989-10
	DOM	2	0	0	...	2011-18	0	0	0	2007-45	1	1	0	0	0	0	...
	HTI	19	0	0	...	2001-39	0	0	0	2006-21	0	11	9	0	0	0	...
MEX	MEX	114	0	0	...	2020-23	0	0	0	2018-14	0	90	0	0	0	0	...
NOA	CAN	...	...	...	...	2020-06	0	0	0	2019-50	...	...	...	...	...	...	2018-39
	USA	...	...	...	...	2020-48	...	...	...	2019-03	...	...	...	...	...	...	2017-00
SOC	ARG	0	0	0	...	2020-12	0	0	0	2019-47	0	0	0	0	0	0	2009-27
	CHL	5	0	0	...	2020-03	0	0	0	2019-14	0	5	18	0	0	0	...
	PRY	74	0	0	...	1998-44	0	0	0	2005-21	1	68	0	0	0	0	2003-06
	URY	0	0	0	...	2020-07	0	0	0	2001-37	0	0	0	0	0	0	...
TOTAL	1272	54	181	...	235	--	0	0	0	--	2	660	48	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 01-10, 2021

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA				235			
	CAP							
	CRI							
	GTM							
	HND							
CAR	NIC							
	PAN							
	SLV							
	CAR							
	LAC							
MEX	CUB							
	DOM							
	HTI							
NOA	MEX							
	CAN							
SOC	USA							
	ARG							
	CHL							
	URY							
TOTAL		0	0	0	235	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 01-10, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset							% Pend. Cases
			1-5	6	7	8	9	10		
BOL	1	...	...	...	...	...	...	...	...	...
COL	158	...	...	...	...	...	...	...	...	...
ECU	25	...	...	...	...	...	...	...	...	...
PER	2	1	0	0	0	0	0	0	1	14
VEN	52	31	7	3	8	7	6	0	0	11
BRA	511	184	101	45	18	14	6	0	0	31
CRI	0	0	0	...	...	...	...	...	...	0
GTM	7	1	0	0	1	0	0	0	0	7
HND	0	1	1	0	0	0	0	0	0	14
NIC	5	7	0	0	3	3	1	0	0	23
PAN	1	...	...	...	...	...	...	...	...	...
SLV	0	0	0	0	0	0	0	0	...	0
CAR	0	0	0	0	0	0	0	0	0	0
LAC	0	0	0	0	0	0	0	0	0	0
CUB	0	0	0	0	0	...	...	...	...	0
DOM	4	0	0	0	0	0	0	0	...	0
HTI	21	8	4	0	0	3	1	0	0	42
MEX	153	24	3	3	2	1	7	8	8	21
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	1	0	0	0	0	0	0	0	0	0
CHL	2	0	0	0	0	0	0	0	0	0
PRY	11	5	4	1	0	0	0	0	0	7
URY	1	0	0	0	0	0	0	0	...	0
TOTAL	955	262	120	52	32	28	21	9	21	

... No updated report

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-10, 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 (2020/12-2021/10)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) ^a	CRS (10,000 lb) ^a	
AND	BOL	2657	...	...	...	...	...	0.9	0.0
	COL	9224	...	...	...	...	...	0.6	4.4
	ECU	2184	...	...	...	...	...	0.2	0.0
	PER	7781	...	71	71	80	40	0.1	0.0	
	VEN	13092	...	96	92	36	0	0.0	0.0	
CAP	BRA	...	67	...	...	100	96	3.7	0.1
	CRI	57	...	0	0	0	0	1.2	19.0	
	GTM	1541	98	100	100	86	93	0.4	0.0	
	HND	469	93	100	100	100	100	0.7	0.5	
	NIC	185	...	100	94	90	87	2.0	2.6	
CAR	PAN	324	...	...	...	...	...	0.3	0.0
	SLV	1291	...	95	86	100	100	2.1	0.0	
	CAR	758	64	0	100	0	100	0.2	1.0	
	LAC	CUB	168	...	100	100	100	100	9.8	0.0
	DOM	247	...	0	50	100	100	0.3	0.0	
MEX	HTI	659	95	95	100	53	47	1.0	2.3	
	MEX	20173	95	96	100	96	92	1.6	0.0	
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	0	0	0	0	0.1	0.0	
	CHL	786	44	60	0	0	0	0.1	0.4	
	PRY	1329	99	69	99	75	93	3.6	0.0	
	URY	155	...	0	0	0	0	0.1	0.0	
Total and Average*		63864	37	93	95	83	94	1.9	0.7	

*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.