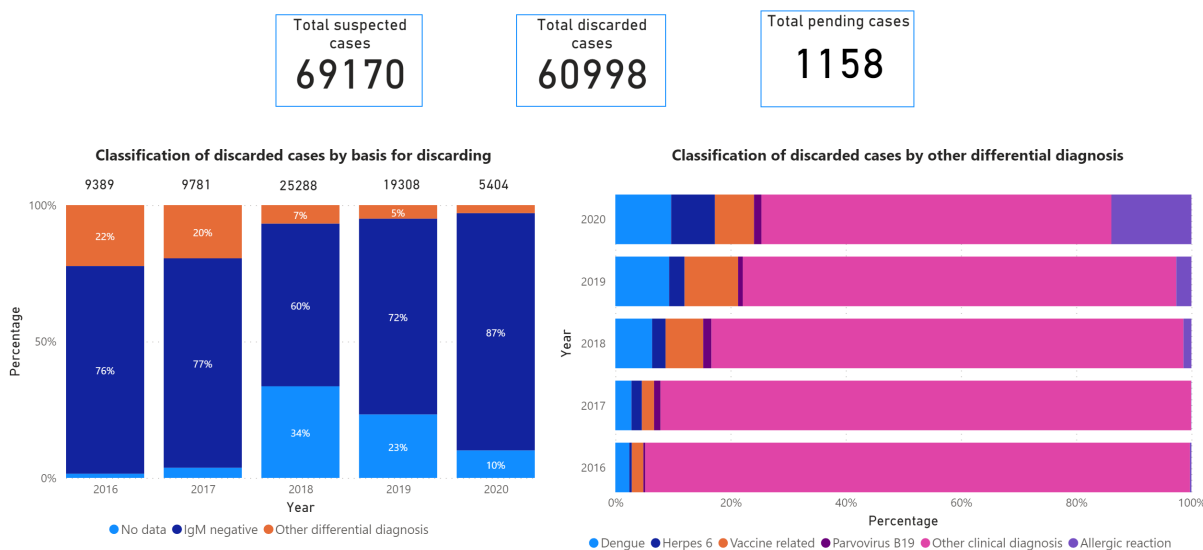




### How suspected measles and rubella cases were discarded in the Americas 2016-2020\*



Between 2016 and 2020, 61% of the suspected cases reported by 33 countries in the region were discarded by an IgM-negative result; 17% as differential diagnosis and 11% did not fill any basis for discarding. When disaggregating the information of differential diagnosis, 82% of the cases were discarded by other clinical diagnoses, 6% by vaccine post-reaction, 2% by allergic reaction, and 10% by other viral diseases (dengue, herpes 6 and Parvo B19). Fluctuation of the IgM-negative results are inversely correlated with the number of suspected cases reported per year. As such, the higher the number of cases reported, fewer cases had an IgM negative result as it is highlighted by the years of 2018 and 2020.

**Table.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-26, 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	31	0	0	...	0	2020-16	0	0	0	2006-03	1	28	30	0	0	...	
COL	405	0	0	...	0	2020-09	0	0	0	2012-31	0	249	0	0	0	2005-34	
ECU	0	...	...	...	...	2018-33	...	...	...	2004-49	0	0	0	0	0	2011-14	
PER	29	0	0	...	0	2019-18	0	0	0	2009-04	0	25	0	0	0	2007-16	
VEN	654	0	0	...	0	2019-33	0	0	0	2007-51	22	480	0	0	0	...	
BRA	1459	114	365	...	479	2021-22	0	0	0	2014-40	0	765	15	0	0	2009-34	
CAP																	
CRI	12	0	0	...	0	2019-13	0	0	0	2001-39	0	10	27	0	0	...	
GTM	49	0	0	...	0	2018-03	0	0	0	2006-31	0	49	1	0	0	2005-00	
HND	19	0	0	...	0	1998-16	0	0	0	2004-11	0	19	8	0	0	2001-00	
NIC	81	0	0	...	0	1994-14	0	0	0	2004-19	0	79	26	0	0	2005-00	
PAN	10	0	0	...	0	2011-20	0	0	0	2002-48	0	7	0	0	0	...	
SLV	37	0	0	...	0	2001-19	0	0	0	2006-30	0	37	0	0	0	2001-00	
CAR																	
CAR	4	0	0	...	0	2019-48	0	0	0	2008-18	0	3	0	0	0	1999-00	
LAC																	
CUB	85	0	0	...	0	2019-24	0	0	0	2004-06	0	85	0	0	0	1989-10	
DOM	16	0	0	...	0	2011-18	0	0	0	2007-45	1	12	0	0	0	...	
HTI	87	0	0	...	0	2001-39	0	0	0	2006-21	0	51	18	0	0	...	
MEX	626	0	0	...	0	2020-23	0	0	0	2018-14	0	574	0	0	0	...	
NOA																	
CAN	...	...	...	...	0	2020-06	0	0	0	2019-50	...	...	...	...	...	2018-39	
USA	...	...	2	...	2	2021-16	0	0	0	2019-03	...	...	...	...	...	2017-00	
SOC																	
ARG	1	0	0	...	0	2020-12	0	0	0	2019-47	0	1	0	0	0	2009-27	
CHL	13	0	0	...	0	2020-03	0	0	0	2019-14	0	13	28	0	0	...	
PRY	267	0	0	...	0	1998-44	0	0	0	2005-21	1	261	1	0	0	2003-06	
URY	0	0	0	...	0	2020-07	0	0	0	2001-37	0	0	0	0	0	...	
<b>TOTAL</b>	<b>3885</b>	<b>114</b>	<b>367</b>	<b>...</b>	<b>481</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>25</b>	<b>2748</b>	<b>154</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 01-26, 2021

Subregion and Country	Measles				Rubella		
	I	IR	En.	U	I	IR	U
AND							
BOL							
COL							
ECU							
PER							
VEN				479			
BRA							
CAP							
CRI							
GTM							
HND							
NIC							
PAN							
SLV							
CAR							
LAC							
CUB							
DOM							
HTI							
MEX							
NOA							
CAN							
USA	1	1					
SOC							
ARG							
CHL							
PRY							
URY							
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>479</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 01-26, 2021

Country	Pending Cases 2020	Cumulative 2021	Week of Onset							% Pend. Cases
			1-21	22	23	24	25	26		
BOL	0	2	2	0	0	0	0	...	6	
COL	45	156	113	22	18	3	0	0	39	
ECU	8	0	0	0	0	0	0	0	0	
PER	0	4	0	0	1	0	1	2	14	
VEN	5	10	6	0	3	0	1	0	56	
BRA	511	213	175	18	10	8	2	0	15	
CRI	0	2	2	0	0	0	...	...	17	
GTM	0	0	0	0	0	0	0	...	0	
HND	0	0	0	0	0	0	0	0	0	
NIC	0	2	0	0	0	0	2	0	2	
PAN	0	3	0	1	1	1	...	...	30	
SLV	0	0	0	...	...	...	...	...	0	
CAR	0	1	0	1	0	0	0	...	25	
CUB	0	0	0	...	...	...	...	...	0	
DOM	1	3	0	0	1	0	0	2	19	
HTI	18	36	33	3	0	0	0	0	41	
MEX	152	52	8	6	5	4	12	17	8	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	1	0	0	0	0	0	...	...	0	
CHL	0	0	0	0	0	0	0	0	0	
PRY	1	5	4	0	0	1	0	0	2	
URY	1	0	0	...	...	...	...	...	0	
<b>TOTAL</b>	<b>738</b>	<b>489</b>	<b>343</b>	<b>51</b>	<b>39</b>	<b>17</b>	<b>18</b>	<b>21</b>	<b>13</b>	

... No updated report received

**Table 4**  
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-26, 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 (2020/28-2021/26)	
	Total Units	% This Week					Measles/Rubella (100,000 pop.) <sup>a</sup>	CRS (10,000 lb) <sup>a</sup>
AND								
BOL	2657	...	97	100	90	90	0.9	1.3
COL	9224	...	36	0	0	0	1.2	4.4
ECU	2184	...	0	0	0	0	0.5	0.0
PER	7781	...	76	79	63	50	0.1	0.0
VEN	13092	...	93	94	28	21	0.6	0.0
BRA	...	...	70	...	93	96	1.3	0.1
CAP								
CRI	82	...	100	100	100	33	0.4	23.0
GTM	1541	...	100	98	80	96	0.4	0.0
HND	469	93	100	100	95	100	0.6	0.9
NIC	185	...	100	96	94	93	2.4	3.8
PAN	324	...	60	100	80	100	0.3	0.0
SLV	1291	...	95	86	100	100	1.7	0.0
CAR	758	...	0	75	0	50	0.2	1.0
LAC								
CUB	168	...	100	100	100	100	8.4	0.0
DOM	247	...	6	88	79	57	0.3	0.0
HTI	659	93	89	94	38	57	1.2	2.6
MEX	20182	96	92	100	97	96	0.9	0.0
NOA								
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
SOC								
ARG	784	...	0	100	100	100	0.0	0.0
CHL	788	62	77	85	85	92	0.1	0.8
PRY	1347	98	62	97	73	94	5.1	0.1
URY	155	...	0	0	0	0	0.1	0.0
<b>Total and Average*</b>	<b>63918</b>	<b>35</b>	<b>76</b>	<b>96</b>	<b>78</b>	<b>80</b>	<b>1.1</b>	<b>0.8</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.