

### Percent measles-rubella cases with adequate investigation Surveillance Indicator



Source: Integrated Surveillance Information System (ISIS) and country reports to FPL-IM/PAHO. | \* Data as of 6 January 2023.  
NR – no report received.

**Table.1**  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-52, 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	190	0	0	...	0	0	0	2020-16	2006-03	5	184	0	0	0	...	
	COL	1125	0	0	...	0	0	0	2020-09	2012-31	0	1035	849	0	0	2005-34	
	ECU	311	0	1	...	0	0	0	2022-46	2004-49	17	256	0	0	0	2011-14	
	PER	123	0	0	...	0	0	0	2019-18	2009-04	0	118	0	0	0	2007-16	
	VEN	1859	0	0	...	0	0	0	2019-33	2007-51	85	1449	0	0	0	...	
BRA	BRA	3678	1	41	...	0	0	0	2022-28	2014-40	0	3435	49	0	0	2009-34	
CAP	CRI	7	0	0	...	0	0	0	2019-13	2001-39	0	6	5	...	...	...	
	GTM	169	0	0	...	0	0	0	2018-03	2006-31	0	165	0	...	...	2005-00	
	HND	146	0	0	...	0	0	0	1998-16	2004-11	1	103	17	0	0	2001-00	
	NIC	135	0	0	...	0	0	0	1994-14	2004-19	0	133	39	0	0	2005-00	
	PAN	24	0	0	...	0	0	0	2011-20	2002-48	0	16	2	0	0	...	
	SLV	567	0	0	...	0	0	0	2001-19	2006-30	0	567	223	0	0	2001-00	
CAR	CAR	22	0	0	...	0	0	0	2019-48	2008-18	0	16	0	0	0	1999-00	
LAC	CUB	1594	...	...	...	...	...	...	2019-24	2004-06	0	1594	0	...	...	1989-10	
	DOM	139	0	0	...	0	0	0	2011-18	2007-45	5	134	0	0	0	...	
	HTI	178	0	0	...	0	0	0	2001-39	2006-21	0	131	70	0	0	...	
MEX	MEX	2529	0	0	...	0	0	0	2020-23	2018-14	0	2333	0	0	0	...	
NOA	CAN	...	...	3	...	0	0	0	2022-19	2019-50	...	...	...	...	...	2018-39	
	USA	...	...	118	...	0	0	0	2022-51	2019-03	...	...	...	...	...	2017-00	
SOC	ARG	581	0	2	...	0	0	0	2022-26	2019-47	0	579	0	0	0	2009-27	
	CHL	296	0	0	...	0	0	0	2020-03	2019-14	0	285	70	0	0	...	
	PRY	652	0	0	...	0	0	0	1998-44	2005-21	0	537	7	0	0	2003-06	
	URY	...	...	...	...	...	...	...	2020-07	2001-37	...	...	...	...	...	...	
<b>TOTAL</b>		<b>14325</b>	<b>1</b>	<b>165</b>	<b>...</b>	<b>166</b>	<b>--</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>--</b>	<b>113</b>	<b>13076</b>	<b>1331</b>	<b>0</b>	<b>0</b>	<b>--</b>

\*Congenital Rubella Infection.

...No updated report received

(a) Source: Epidemiological alert of Ministry of Health of Ecuador. Available link at:

<https://www.salud.gob.ec/se-fortalece-coordinacion-interinstitucional-en-imbabura-y-carchi-para-acciones-de-vacunacion-contra-sarampion/>



## 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 1-52, 2022**

Subregion and Country		Measles				Rubella		
		I	IR	En.	U	I	IR	U
AND	BOL							
	COL							
	ECU				1			
	PER							
	VEN							
BRA	BRA			42				
	CAP							
	CRI							
	GTM							
	HND							
CAR	HND							
	NIC							
	PAN							
	SLV							
	CAR							
LAC	CUB							
	DOM							
	HTI							
	MEX							
	NOA							
SOC	CAN	3						
	USA	118						
	ARG	1			1			
	CHL							
	URY							
<b>TOTAL</b>		<b>122</b>	<b>0</b>	<b>42</b>	<b>2</b>	<b>0</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 1-52, 2022**

Country	Pending Cases 2021	Cumulative 2022	Week of Onset						% Pend. cases
			1-47	48	49	50	51	52	
BOL	0	0	0	0	0	0	0	...	0
COL	133	90	64	3	8	11	4	0	8
ECU	0	38	38	0	0	0	0	0	12
PER	0	5	2	0	1	1	0	1	4
VEN	1	325	309	15	1	...	...	...	17
BRA	22	201	118	29	22	25	7	0	5
CRI	3	1	1	0	0	0	...	...	14
GTM	0	4	4	0	0	0	0	0	2
HND	0	42	22	4	9	5	2	0	29
NIC	0	2	2	0	0	0	...	...	1
PAN	0	8	8	...	...	...	...	...	33
SLV	0	0	0	0	0	0	0	0	0
CAR	0	6	5	0	1	0	0	0	27
CUB	0	0	0	0	0	0	0	...	0
DOM	0	0	0	0	0	0	0	0	0
HTI	20	47	37	0	0	10	0	0	26
MEX	58	196	169	11	6	8	2	0	8
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	0	0	0	0	0	0	0	0
CHL	0	11	11	0	0	0	0	0	4
PRY	0	115	26	9	20	13	24	23	18
URY	...	...	...	...	...	...	...	...	...
<b>TOTAL</b>	<b>237</b>	<b>1091</b>	<b>816</b>	<b>71</b>	<b>68</b>	<b>73</b>	<b>39</b>	<b>24</b>	<b>8</b>

... No updated report received

**Table 4**

**Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-52, 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 (2022/01-2022/52)		
		Total Units	% This Week					Measles/Rubella (100,000 pop.) <sup>a</sup>	CRS (10,000 lb) <sup>a</sup>	
AND	BOL	4157	...	94	97	92	94	1.6	0.0	
	COL	5048	97	81	43	85	77	2.2	1.1	
	ECU	2184	...	86	80	56	81	1.7	0.0	
	PER	7781	...	87	88	73	46	0.4	0.0	
	VEN	13092	...	93	95	24	31	3.8	0.0	
CAP	BRA	...	...	...	...	89	98	1.7	0.2	
	CRI	82	...	100	86	100	100	0.1	0.8	
	GTM	1541	...	99	92	74	87	0.9	0.0	
	HND	469	92	85	98	93	97	1.4	0.8	
	NIC	185	...	99	95	93	93	2.0	3.1	
CAR	PAN	324	...	71	79	63	83	0.5	0.3	
	SLV	1305	...	92	100	99	97	8.7	4.0	
	CAR	758	56	45	86	5	75	0.3	0.0	
	LAC	CUB	168	...	100	100	100	100	9.8	0.0
	DOM	247	...	45	96	82	87	1.3	0.0	
MEX	HTI	659	91	90	96	19	62	1.5	2.8	
	MEX	20192	90	92	100	95	95	1.9	0.0	
	NOA	CAN	...	...	...	...	...	...	...	
	USA	...	...	...	...	...	...	...	...	
	SOC	ARG	784	...	0	86	76	72	1.3	0.0
CHL		801	69	46	95	95	96	1.5	2.9	
PRY		1407	96	72	95	82	91	8.9	0.5	
URY		155	...	...	...	...	...	0.0	0.0	
<b>Total and Average*</b>		<b>61339</b>	<b>43</b>	<b>89</b>	<b>91</b>	<b>80</b>	<b>84</b>	<b>2.0</b>	<b>0.5</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.