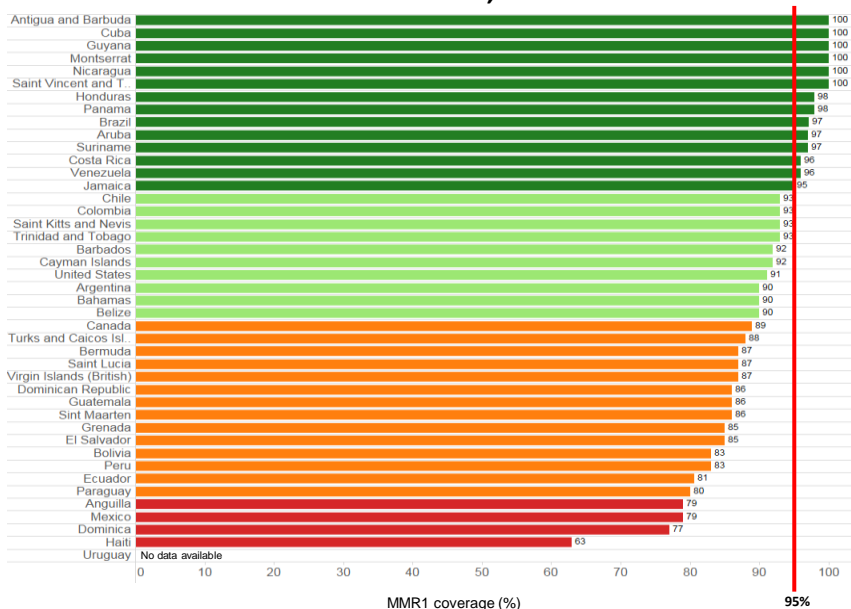


Measles/Rubella Weekly Bulletin



MMR1 vaccination coverage in children 1 year of age The Americas, 2017



Source: Country reports through the PAHO-WHO/UNICEF Joint Reporting Forms (JRF), 2018.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-36, 2018

| Subregion and Country | Susp. Cases 2018 | Measles Confirmed 2018 | | | Year/Week Last Conf. Measles case | Rubella Confirmed 2018 | | | Year/Week Last Conf. Rubella Case | Diagnosis of Discarded Cases 2018 | | Congenital Rubella Syndrome | | | Year/Week Last Conf. CRS Case | |
|-----------------------|------------------|------------------------|-----------|-------------|-----------------------------------|------------------------|----------|----------|-----------------------------------|-----------------------------------|------------|-----------------------------|------------|----------|-------------------------------|-----------|
| | | Clin. | Lab. | Total | | Clin. | Lab. | Total | | Dengue | Others | Susp. | Conf. | CRI* | | |
| AND | BOL | 186 | 0 | 0 | 0 | 2000-40 | 0 | 0 | 0 | 2006-03 | 0 | 181 | 0 | 0 | 0 | ... |
| | COL | 3785 | 0 | 76 | 76 | 2018-35 | 0 | 0 | 0 | 2012-31 | 0 | 3608 | 270 | 0 | 0 | 2005-34 |
| | ECU | 573 | 0 | 19 | 19 | 2018-28 | 0 | 0 | 0 | 2004-49 | 0 | 469 | 0 | 0 | 0 | 2011-14 |
| | PER | 419 | 0 | 12 | 12 | 2018-34 | 0 | 0 | 0 | 2009-04 | 1 | 350 | 1 | 0 | 0 | 2007-16 |
| | VEN | ... | ... | 3545 | 3545 ^a | 2018-33 | ... | ... | ... | 2007-51 | 1 | 253 | 0 | ... | ... | ... |
| BRA | BRA | 9440 | 50 | 1276 | 1326 ^b | 2018-36 | 0 | 0 | 0 | 2014-40 | 0 | 2051 | 41 | 0 | 0 | 2009-34 |
| CAP | CRI | 33 | 0 | 0 | 0 | 2014-09 | 0 | 0 | 0 | 2001-39 | 0 | 24 | 19 | 0 | 0 | ... |
| | GTM | 454 | 0 | 1 | 1 | 2018-03 | 0 | 0 | 0 | 2006-31 | 26 | 417 | 5 | 0 | 0 | 2005-00 |
| | HND | 172 | 0 | 0 | 0 | 1998-16 | 0 | 0 | 0 | 2004-11 | 0 | 171 | 16 | 0 | 0 | 2001-00 |
| | NIC | 175 | 0 | 0 | 0 | 1994-14 | 0 | 0 | 0 | 2004-19 | 0 | 159 | 30 | 0 | 0 | 2005-00 |
| | PAN | 55 | 0 | 0 | 0 | 2011-20 | 0 | 0 | 0 | 2002-48 | 0 | 48 | 3 | 0 | 0 | ... |
| | SLV | 369 | 0 | 0 | 0 | 2001-19 | 0 | 0 | 0 | 2006-30 | 0 | 351 | 0 | 0 | 0 | 2001-00 |
| CAR | CAR | 260 | 0 | 1 | 1 | 2018-03 | 0 | 0 | 0 | 2008-18 | 0 | 253 | 62 | 0 | 0 | 1999-00 |
| LAC | CUB | 1340 | 0 | 0 | 0 | 1993-27 | 0 | 0 | 0 | 2004-06 | 0 | 1340 | 0 | 0 | 0 | 1989-10 |
| | DOM | 81 | 0 | 0 | 0 | 2011-18 | 0 | 0 | 0 | 2007-45 | 11 | 39 | 0 | 0 | 0 | ... |
| | HTI | 116 | 0 | 0 | 0 | 2001-39 | 0 | 0 | 0 | 2006-21 | 0 | 37 | 9 | 0 | 0 | ... |
| MEX | MEX | 3163 | 0 | 5 | 5 | 2018-16 | 0 | 2 | 2 | 2018-07 | 0 | 2993 | 0 | 0 | 0 | ... |
| NOA | CAN | ... | ... | 23 | 23 | 2018-36 | ... | ... | ... | 2016-06 | 0 | 0 | 0 | ... | ... | 2015-50 |
| | USA | ... | ... | 124 | 124 ^c | 2018-32 | ... | ... | ... | 2017-16 | 0 | 0 | 0 | ... | ... | 2017-00 |
| SOC | ARG | 389 | 0 | 9 | 9 | 2018-34 | 0 | 0 | 0 | 2014-22 | 2 | 174 | 19 | 0 | 0 | 2009-27 |
| | CHL | 243 | 0 | 0 | 0 | 2015-27 | 0 | 0 | 0 | 2011-25 | 0 | 226 | 116 | 0 | 0 | ... |
| | PRY | 516 | 0 | 0 | 0 | 1998-44 | 0 | 0 | 0 | 2005-21 | 71 | 429 | 0 | 0 | 0 | 2003-06 |
| | URY | 0 | 0 | 0 | 0 | 1999-08 | 0 | 0 | 0 | 2001-37 | 0 | 0 | 0 | 0 | 0 | ... |
| TOTAL | | 21769 | 50 | 5091 | 5141 | -- | 0 | 2 | 2 | -- | 112 | 13573 | 591 | 0 | 0 | -- |

*Congenital Rubella Infection.

...No updated report received

(a) Pan American Health Organization / World Health Organization. Epidemiological Update: Measles. 20 August 2018, Washington, D.C.: PAHO/WHO; 2018.; (b) Ministry of Health, Brazil. Report No. 22|2017/2018; (c) Provisional data.



Measles/Rubella Surveillance

Table No.22
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-36, 2018

| Subregion and Country | | Measles | | | | Rubella | | | |
|-----------------------|------------------|------------|------------|----------|-------------|----------|----------|----------|----------|
| | | I | IR | CAC | U | I | IR | CAC | U |
| AND | BOL | | | | 8 | | | | |
| | COL | 68 | | | | | | | |
| | ECU | 11 | 8 | | | | | | |
| | PER | 3 | 1 | | 8 | | | | |
| | VEN ^a | | | | 3545 | | | | |
| BRA | BRA | 59 | 46 | | 1221 | | | | |
| CAP | CRI | | | | | | | | |
| | GTM | 1 | | | | | | | |
| | HND | | | | | | | | |
| | NIC | | | | | | | | |
| | PAN | | | | | | | | |
| | SLV | | | | | | | | |
| CAR | CAR | 1 | | | | | | | |
| LAC | CUB | | | | | | | | |
| | DOM | | | | | | | | |
| | HTI | | | | | | | | |
| MEX | MEX | 2 | 3 | | | | | | |
| NOA | CAN | 15 | 2 | | 6 | | | | |
| | USA | 51 | 70 | | 3 | | | | |
| SOC | ARG | 2 | 1 | | 6 | | | | |
| | CHL | | | | | | | | |
| | PRY | | | | | | | | |
| | URY | | | | | | | | |
| TOTAL | | 213 | 131 | 0 | 4797 | 0 | 0 | 0 | 0 |

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-36, 2018

| Country | Pending Cases 2017 | Cumulative 2018 | Week of Onset | | | | | | | % Pend. Cases | |
|--------------|--------------------|-----------------|---------------|-------------|------------|------------|-----------|------------|------------|---------------|----------|
| | | | 1-31 | 32 | 33 | 34 | 35 | 36 | | | |
| BOL | 1 | 5 | 3 | 0 | 0 | 1 | 0 | 1 | 7 | | |
| COL | 14 | 101 | 96 | 3 | 1 | 1 | 0 | 0 | 3 | | |
| ECU | 0 | 85 | 85 | 0 | ... | ... | ... | ... | 16 | | |
| PER | 4 | 56 | 44 | 2 | 1 | 7 | 2 | 0 | 10 | | |
| VEN | ... | ... | ... | ... | ... | ... | ... | ... | ... | | |
| BRA | 27 | 975 | 0 | 735 | 0 | 151 | 89 | ... | 10 | | |
| CRI | 0 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 8 | | |
| GTM | 11 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 2 | | |
| HND | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| NIC | 0 | 16 | 4 | 9 | 2 | 1 | 0 | 0 | 8 | | |
| PAN | 0 | 7 | 1 | 0 | 2 | 1 | 2 | 1 | 4 | | |
| SLV | 0 | 18 | 7 | 1 | 3 | 3 | 4 | 0 | 6 | | |
| CAR | 1 | 6 | 4 | 0 | 1 | 1 | 0 | 0 | 4 | | |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| DOM | 243 | 31 | 31 | ... | ... | ... | ... | ... | 55 | | |
| HTI | 26 | 79 | 79 | 0 | 0 | 0 | 0 | 0 | 75 | | |
| MEX | 0 | 163 | 77 | 8 | 11 | 19 | 21 | 27 | 7 | | |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... | | |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... | | |
| ARG | 2 | 203 | 202 | 0 | 1 | 0 | 0 | 0 | 54 | | |
| CHL | 1 | 17 | 9 | 0 | 2 | 6 | 0 | 0 | 13 | | |
| PRY | 0 | 16 | 7 | 0 | 1 | 3 | 2 | 3 | 2 | | |
| URY | 0 | 0 | 0 | ... | ... | ... | ... | ... | 0 | | |
| TOTAL | | | 330 | 1798 | 669 | 758 | 25 | 194 | 120 | 32 | 8 |

I: Imported; IR: Import-related; CAC: Country-acquired case

U: Unknown. (a) Pan American Health Organization / World Health Organization.

Epidemiological Update: Measles. 20 August 2018, Washington, D.C.: PAHO/WHO; 2018

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-36, 2018

| 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 (2017/37-2018/36) | |
|---------------------------|-----|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|
| | | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) |
| AND | BOL | 2657 | ... | 100 | 95 | 73 | 80 | 1.8 | 0.0 |
| | COL | 5140 | 97 | 83 | 98 | 89 | 96 | 8.5 | 3.9 |
| | ECU | 2184 | ... | 99 | 94 | 69 | 62 | 4.4 | 0.0 |
| | PER | 7781 | ... | 89 | 90 | 79 | 53 | 1.6 | 0.0 |
| | VEN | 13092 | ... | 99 | 48 | 43 | 41 | 10.3 | 0.0 |
| | BRA | 15037 | 81 | ... | 56 | 56 | 50 | 4.4 | 0.1 |
| CAP | CRI | 57 | ... | 64 | 88 | 90 | 93 | 0.9 | 28.8 |
| | GTM | 1541 | 98 | 50 | 99 | 69 | 88 | 2.8 | 0.1 |
| | HND | 470 | 90 | 76 | 98 | 85 | 98 | 2.5 | 3.1 |
| | NIC | 185 | ... | 96 | 99 | 95 | 96 | 4.5 | 5.3 |
| | PAN | 324 | ... | 80 | 91 | 62 | 89 | 1.6 | 0.5 |
| | SLV | 1266 | ... | 62 | 97 | 98 | 92 | 7.5 | 0.0 |
| CAR | CAR | 766 | 95 | 88 | 97 | 15 | 76 | 3.9 | 12.0 |
| LAC | CUB | 168 | ... | 100 | 100 | 100 | 100 | 13.5 | 0.0 |
| | DOM | 247 | ... | 15 | 100 | 37 | 11 | 2.0 | 0.0 |
| | HTI | 652 | 90 | 93 | 97 | 47 | 14 | 1.4 | 1.2 |
| MEX | MEX | 20518 | ... | 97 | 99 | 93 | 85 | 3.1 | 0.0 |
| NOA | CAN | ... | ... | ... | ... | ... | ... | ... | ... |
| | USA | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | ARG | 784 | ... | 11 | 74 | 68 | 71 | 1.1 | 1.9 |
| | CHL | 783 | ... | 30 | 75 | 86 | 94 | 1.6 | 10.6 |
| | PRY | 1181 | 97 | 84 | 99 | 87 | 94 | 10.3 | 0.3 |
| | URY | 155 | ... | 0 | 0 | 0 | 0 | 0.0 | 0.0 |
| Total and Average* | | 74988 | 29 | 84 | 79 | 73 | 71 | 4.3 | 0.9 |

*Weighted

... No updated report received