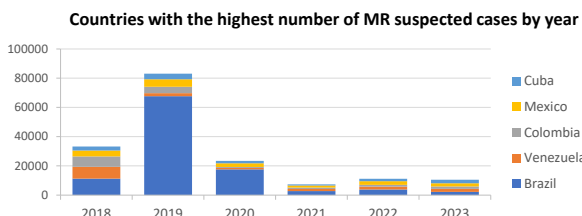
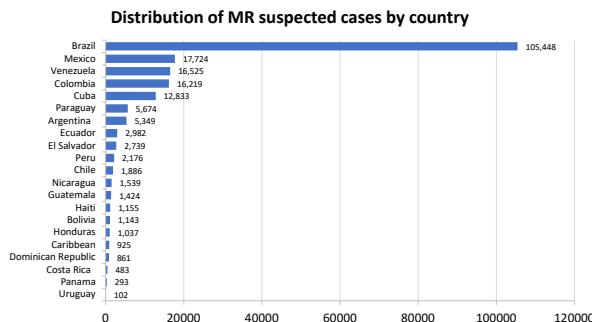
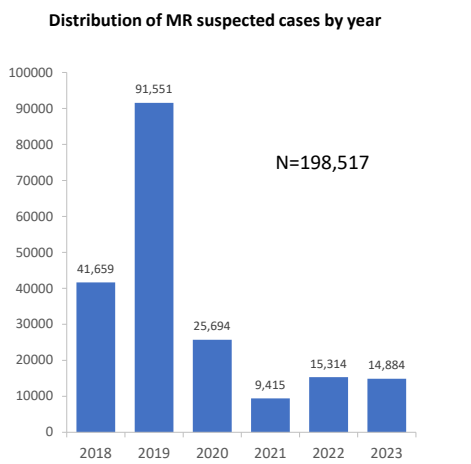




Notification of measles-rubella (MR) suspected cases in the Region of the Americas*, 2018-2023**



Source: Integrated Surveillance Information System (ISIS) and country reports to CIM/PAHO.
* Canada and USA do not report MR suspected cases.
**Data as at 5 January 2024.

Table 1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-52, 2023

| Subregion and Country | Susp. Cases 2023 | Measles Confirmed 2023 | | | | Year/Week Last Conf. Measles case | Rubella Confirmed 2023 | | | Year/Week Last Conf. Rubella Case | Diagnosis of Discarded Cases 2023 | | Congenital Rubella Syndrome | | | Year/Week Last Conf. CRS Case | | |
|-----------------------|------------------|------------------------|----------|-----------|-----------|-----------------------------------|------------------------|----------|----------|-----------------------------------|-----------------------------------|------------|-----------------------------|-------------|----------|-------------------------------|-----------|---------|
| | | Clin. | Lab. | EPI link | Total | | Clin. | Lab. | Total | | Dengue | Others | Susp. | Conf. | CRI* | | | |
| AND | BOL | 205 | 0 | 0 | ... | 0 | 0 | 0 | 2020-16 | 0 | 0 | 0 | 26 | 133 | 0 | 0 | 0 | ... |
| | COL | 1694 | 0 | 0 | ... | 0 | 0 | 0 | 2020-09 | 0 | 0 | 0 | 0 | 1587 | 1051 | 0 | 0 | 2005-34 |
| | ECU | 457 | 0 | 0 | ... | 0 | 0 | 0 | 2022-46 | 0 | 0 | 0 | 17 | 410 | 0 | 0 | 0 | 2011-14 |
| | PER | 155 | 0 | 0 | ... | 0 | 0 | 0 | 2019-18 | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 2007-16 |
| | VEN | 2116 | 0 | 0 | ... | 0 | 0 | 0 | 2019-33 | 0 | 0 | 0 | 107 | 2009 | 0 | 0 | 0 | ... |
| BRA | BRA | 2176 | 0 | 0 | ... | 0 | 0 | 0 | 2022-28 | 0 | 0 | 0 | 0 | 2046 | 53 | 0 | 0 | 2009-34 |
| CAP | CRI | 102 | 0 | 0 | ... | 0 | 0 | 0 | 2019-13 | 0 | 0 | 0 | 0 | 102 | 16 | 0 | 0 | ... |
| | GTM | 210 | 0 | 0 | ... | 0 | 0 | 0 | 2018-03 | 0 | 0 | 0 | 0 | 209 | 0 | 0 | 0 | 2005-00 |
| | HND | 129 | 0 | 0 | ... | 0 | 0 | 0 | 1998-16 | 0 | 0 | 0 | 0 | 127 | 18 | 0 | 0 | 2001-00 |
| | NIC | 154 | 0 | 0 | ... | 0 | 0 | 0 | 1994-14 | 0 | 0 | 0 | 33 | 118 | 51 | 0 | 0 | 2005-00 |
| | PAN | 67 | 0 | 0 | ... | 0 | 0 | 0 | 2011-20 | 0 | 0 | 0 | 0 | 66 | 1 | 0 | 0 | ... |
| | SLV | 550 | 0 | 0 | ... | 0 | 0 | 0 | 2001-19 | 0 | 0 | 0 | 0 | 550 | 228 | 0 | 0 | 2001-00 |
| CAR | CAR | 71 | 0 | 0 | ... | 0 | 0 | 0 | 2019-48 | 0 | 0 | 0 | 0 | 68 | 0 | 0 | 0 | 1999-00 |
| LAC | CUB | 2373 | 0 | 0 | ... | 0 | 0 | 0 | 2019-24 | 0 | 0 | 0 | 0 | 2373 | 0 | 0 | 0 | 1989-10 |
| | DOM | 265 | 0 | 0 | ... | 0 | 0 | 0 | 2011-18 | 0 | 0 | 0 | 44 | 221 | 0 | 0 | 0 | ... |
| | HTI | 239 | 0 | 0 | ... | 0 | 0 | 0 | 2001-39 | 0 | 0 | 0 | 0 | 177 | 48 | 0 | 0 | ... |
| MEX | MEX | 2161 | 0 | 0 | ... | 0 | 0 | 0 | 2020-23 | 0 | 0 | 0 | 0 | 2001 | 0 | 0 | 0 | ... |
| NOA | CAN | ... | ... | 12 | ... | 12 | 2023-50 | ... | 1 | 1 | 2023-36 | ... | ... | ... | 1 | ... | ... | 2023-32 |
| | USA | ... | ... | 41 | ... | 41 | 2023-44 | ... | ... | ... | 2021-38 | ... | ... | ... | ... | ... | ... | 2017-00 |
| SOC | ARG | 269 | 0 | 0 | ... | 0 | 2022-26 | 0 | 0 | 0 | 2019-47 | 0 | 269 | 81 | 0 | 0 | 0 | 2009-27 |
| | CHL | 95 | 0 | 1 | ... | 1 | 2023-32 | 0 | 0 | 0 | 2019-14 | 0 | 94 | 72 | 0 | 0 | 0 | ... |
| | PRY | 1390 | 0 | 0 | ... | 0 | 1998-44 | 0 | 0 | 0 | 2005-21 | 1 | 1140 | 3 | 0 | 0 | 0 | 2003-06 |
| | URY | 6 | 0 | 0 | ... | 0 | 2020-07 | 0 | 0 | 0 | 2001-37 | 0 | 5 | 0 | 0 | 0 | 0 | ... |
| TOTAL | | 14884 | 0 | 54 | 54 | -- | | 0 | 1 | 1 | -- | 228 | 13844 | 1622 | 1 | 0 | -- | |

*Congenital Rubella Infection.

...No updated report received



Measles, Rubella, and Congenital Rubella Syndrome Surveillance in the Americas

Vol. 29, No. 51-52

Table No.2
Infection Source of Measles and Rubella Confirmed Cases
for the Period of Weeks 1-52, 2023

| Subregion and Country | | Measles | | | | Rubella | | |
|-----------------------|-----|-----------|----------|----------|----------|----------|----------|----------|
| | | I | IR | En. | U | I | IR | U |
| AND | BOL | | | | | | | |
| | COL | | | | | | | |
| | ECU | | | | | | | |
| | PER | | | | | | | |
| | VEN | | | | | | | |
| BRA | BRA | | | | | | | |
| CAP | CRI | | | | | | | |
| | GTM | | | | | | | |
| | HND | | | | | | | |
| | NIC | | | | | | | |
| | PAN | | | | | | | |
| | SLV | | | | | | | |
| CAR | CAR | | | | | | | |
| LAC | CUB | | | | | | | |
| | DOM | | | | | | | |
| | HTI | | | | | | | |
| MEX | MEX | | | | | | | |
| NOA | CAN | 11 | | | 1 | 1 | | |
| | USA | 41 | | | | | | |
| SOC | ARG | | | | | | | |
| | CHL | 1 | | | | | | |
| | PRY | | | | | | | |
| | URY | | | | | | | |
| TOTAL | | 53 | 0 | 0 | 1 | 1 | 0 | 0 |

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, 2023

| Country | Pending Cases 2022 | Cumulative 2023 | Week of Onset | | | | | | % Pend. cases |
|--------------|--------------------|-----------------|---------------|-----------|-----------|-----------|-----------|----------|---------------|
| | | | 1-47 | 48 | 49 | 50 | 51 | 52 | |
| BOL | 0 | 46 | 37 | 3 | 2 | 0 | 3 | 1 | 22 |
| COL | 0 | 107 | 67 | 11 | 20 | 9 | 0 | 0 | 6 |
| ECU | 0 | 30 | 30 | 0 | 0 | 0 | 0 | 0 | 7 |
| PER | 0 | 16 | 14 | 0 | 1 | 0 | 0 | 1 | 10 |
| VEN | 0 | 0 | 0 | 0 | ... | ... | ... | ... | 0 |
| BRA | 0 | 130 | 68 | 22 | 23 | 11 | 6 | 0 | 6 |
| CRI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 |
| GTM | 0 | 1 | 1 | 0 | 0 | 0 | ... | ... | 0 |
| HND | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| NIC | 0 | 3 | 3 | 0 | 0 | ... | ... | ... | 2 |
| PAN | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| SLV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 |
| CAR | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 4 |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 |
| DOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HTI | 34 | 62 | 62 | 0 | 0 | 0 | 0 | 0 | 26 |
| MEX | 0 | 160 | 138 | 15 | 7 | 0 | 0 | 0 | 7 |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ARG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 |
| CHL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRY | 0 | 249 | 215 | 5 | 4 | 15 | 10 | 0 | 18 |
| URY | 0 | 1 | 1 | ... | ... | ... | ... | ... | 17 |
| TOTAL | 36 | 811 | 642 | 56 | 57 | 35 | 19 | 2 | 5 |

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-52, 2023

| Subregion and Country | | Sites Reporting Weekly | | % Suspected cases with adequate investigation | % Suspected cases with adequate sample | % Serum samples received in lab. ≤5 days | % Serum samples with lab. results reported ≤4 days | Rate of Suspected Cases Last 52 weeks (2023/01-2023/52) | |
|---------------------------|-----|------------------------|-------------|---|--|--|--|---|------------------------------|
| | | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) ^a | CRS (10,000 lb) ^a |
| AND | BOL | 4161 | 89 | 90 | 91 | 81 | 79 | 1.7 | 0.0 |
| | COL | 4858 | 99 | 87 | 83 | 88 | 86 | 3.3 | 1.3 |
| | ECU | 2184 | ... | 90 | 92 | 84 | 97 | 2.5 | 0.0 |
| | PER | 7781 | ... | 85 | 83 | 72 | 47 | 0.5 | 0.0 |
| | VEN | 13092 | ... | 94 | 99 | 23 | 52 | 4.6 | 0.0 |
| BRA | BRA | ... | ... | ... | ... | 92 | 76 | 1.0 | 0.2 |
| CAP | CRI | 82 | ... | 97 | 98 | 87 | 92 | 2.0 | 2.4 |
| | GTM | 1541 | ... | 99 | 97 | 78 | 98 | 1.1 | 0.0 |
| | HND | 469 | 98 | 79 | 97 | 88 | 100 | 1.3 | 0.9 |
| | NIC | 185 | ... | 92 | 100 | 99 | 99 | 2.3 | 4.0 |
| | PAN | 325 | ... | 94 | 100 | 66 | 100 | 1.5 | 0.1 |
| | SLV | 1330 | ... | 94 | 99 | 99 | 100 | 8.4 | 20.0 |
| CAR | CAR | 758 | ... | 13 | 89 | 24 | 64 | 0.9 | 0.0 |
| LAC | CUB | 168 | ... | 100 | 100 | 100 | 100 | 15.4 | 0.0 |
| | DOM | 247 | ... | 37 | 100 | 80 | 94 | 2.4 | 0.0 |
| | HTI | 712 | 66 | 88 | 93 | 18 | 64 | 2.0 | 1.8 |
| MEX | MEX | 20139 | 92 | 92 | 100 | 92 | 92 | 1.6 | 0.0 |
| NOA | CAN | ... | ... | ... | ... | ... | ... | ... | ... |
| | USA | ... | ... | ... | ... | ... | ... | ... | ... |
| SOC | ARG | 784 | ... | 15 | 86 | 75 | 59 | 0.6 | 1.1 |
| | CHL | 811 | 69 | 88 | 94 | 92 | 89 | 0.5 | 3.2 |
| | PRY | 1449 | 97 | 68 | 85 | 86 | 93 | 19.0 | 0.2 |
| | URY | 155 | ... | 17 | 17 | 20 | 0 | 0.2 | 0.0 |
| Total and Average* | | 61231 | 49 | 87 | 95 | 80 | 84 | 2.0 | 0.8 |

*Weighted

... No updated report received.

(a) Source (population data): United Nations, Department of Economic and Social Affairs, Population Division (2022). World Population Prospects 2022, Online Edition.