



COVID-19 pandemic negatively impacted the notification of suspected measles and rubella cases from 2020 until today*.

In 2021, the annual average of cases (n=6.8) was reduced by 61% compared to 2020 (18.4). As of epidemiological week 29, of 2022, the average number of cases is 8.4, reflecting a 49% increase in the number of suspected cases reported compared to 2021. However, this figure is still below the levels seen during the regional surge of 2019.

* Data as of epidemiological week 30 of 2022. | Source: surveillance reports sent to PAHO/WHO

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Week 1-29, 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 | 77 | 0 | 0 | ... | 0 | 2020-16 | 0 | 0 | 0 | 2006-03 | 1 | 76 | 0 | 0 | 0 | ... |
| | COL | 563 | 0 | 0 | ... | 0 | 2020-09 | 0 | 0 | 0 | 2012-31 | 0 | 420 | 402 | 0 | 0 | 2005-34 |
| | ECU | 69 | 0 | 0 | ... | 0 | 2018-33 | 0 | 0 | 0 | 2004-49 | 0 | 68 | 0 | 0 | 0 | 2011-14 |
| | PER | 68 | 0 | 0 | ... | 0 | 2019-18 | 0 | 0 | 0 | 2009-04 | 0 | 60 | 0 | 0 | 0 | 2007-16 |
| | VEN | 291 | 0 | 0 | ... | 0 | 2019-33 | 0 | 0 | 0 | 2007-51 | 4 | 287 | 0 | 0 | 0 | ... |
| BRA | BRA | 2046 | 2 | 43 | ... | 45 | 2022-25 | 0 | 0 | 0 | 2014-40 | 0 | 1577 | 33 | 0 | ... | 2009-34 |
| CAP | CRI | 6 | 0 | 0 | ... | 0 | 2019-13 | 0 | 0 | 0 | 2001-39 | 0 | 6 | 5 | ... | ... | ... |
| | GTM | 92 | 0 | 0 | ... | 0 | 2018-03 | 0 | 0 | 0 | 2006-31 | 0 | 91 | 0 | ... | ... | 2005-00 |
| | HND | 66 | 0 | 0 | ... | 0 | 1998-16 | 0 | 0 | 0 | 2004-11 | 0 | 62 | 10 | 0 | 0 | 2001-00 |
| | NIC | 60 | 0 | 0 | ... | 0 | 1994-14 | 0 | 0 | 0 | 2004-19 | 0 | 57 | 21 | 0 | 0 | 2005-00 |
| | PAN | 8 | 0 | 0 | ... | 0 | 2011-20 | 0 | 0 | 0 | 2002-48 | 0 | 8 | 0 | 0 | 0 | ... |
| | SLV | 407 | 0 | 0 | ... | 0 | 2001-19 | 0 | 0 | 0 | 2006-30 | 0 | 407 | 145 | 0 | 0 | 2001-00 |
| CAR | CAR | 11 | 0 | 0 | ... | 0 | 2019-48 | 0 | 0 | 0 | 2008-18 | 0 | 10 | 0 | 0 | 0 | 1999-00 |
| LAC | CUB | 932 | ... | ... | ... | ... | 2019-24 | ... | ... | ... | 2004-06 | 0 | 932 | 0 | ... | ... | 1989-10 |
| | DOM | 38 | 0 | 0 | ... | 0 | 2011-18 | 0 | 0 | 0 | 2007-45 | 2 | 36 | 0 | 0 | 0 | ... |
| | HTI | 107 | 0 | 0 | ... | 0 | 2001-39 | 0 | 0 | 0 | 2006-21 | 0 | 79 | 34 | 0 | 0 | ... |
| MEX | MEX | 1396 | 0 | 0 | ... | 0 | 2020-23 | 0 | 0 | 0 | 2018-14 | 0 | 1297 | 0 | 0 | 0 | ... |
| NOA | CAN | ... | ... | 3 | ... | 3 | 2022-19 | 0 | 0 | 0 | 2019-50 | 0 | 0 | 0 | ... | ... | 2018-39 |
| | USA | ... | ... | 6 | ... | 6 | 2022-24 | 0 | 0 | 0 | 2019-03 | 0 | 0 | 0 | ... | ... | 2017-00 |
| SOC | ARG | 170 | 0 | 2 | ... | 2 | 2022-26 | 0 | 0 | 0 | 2019-47 | 0 | 168 | 0 | 0 | 0 | 2009-27 |
| | CHL | 80 | 0 | 0 | ... | 0 | 2020-03 | 0 | 0 | 0 | 2019-14 | 0 | 79 | 39 | 0 | 0 | ... |
| | PRY | 280 | 0 | 0 | ... | 0 | 1998-44 | 0 | 0 | 0 | 2005-21 | 0 | 271 | 4 | 0 | 0 | 2003-06 |
| | URY | ... | ... | ... | ... | ... | 2020-07 | ... | ... | ... | 2001-37 | ... | ... | ... | ... | ... | ... |
| TOTAL | | 6767 | 2 | 54 | ... | 56 | -- | 0 | 0 | 0 | -- | 7 | 5991 | 693 | 0 | 0 | -- |

*Congenital Rubella Infection.

...No updated report received



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 1-29, 2022

| Subregion and Country | | Measles | | | | Rubella | | |
|-----------------------|-----|-----------|----------|-----------|----------|----------|----------|----------|
| | | I | IR | En. | U | I | IR | U |
| AND | BOL | | | | | | | |
| | COL | | | | | | | |
| | ECU | | | | | | | |
| | PER | | | | | | | |
| | VEN | | | | | | | |
| BRA | BRA | | | 45 | | | | |
| | CAP | | | | | | | |
| | CRI | | | | | | | |
| | GTM | | | | | | | |
| | HND | | | | | | | |
| CAR | NIC | | | | | | | |
| | PAN | | | | | | | |
| | SLV | | | | | | | |
| | LAC | | | | | | | |
| | CAR | | | | | | | |
| MEX | CUB | | | | | | | |
| | DOM | | | | | | | |
| | HTI | | | | | | | |
| NOA | MEX | | | | | | | |
| | CAN | 3 | | | | | | |
| SOC | USA | 6 | | | | | | |
| | ARG | 1 | | | 1 | | | |
| | CHL | | | | | | | |
| | URY | | | | | | | |
| TOTAL | | 10 | 0 | 45 | 1 | 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 1-29, 2022

| Country | Pending Cases 2021 | Cumulative 2022 | Week of Onset | | | | | | | % Pend. cases |
|--------------|--------------------|-----------------|---------------|------------|-----------|-----------|-----------|-----------|-----------|---------------|
| | | | 1-24 | 25 | 26 | 27 | 28 | 29 | | |
| BOL | 0 | 0 | 0 | 0 | ... | ... | ... | ... | 0 | |
| COL | 133 | 143 | 97 | 14 | 18 | 10 | 4 | 0 | 25 | |
| ECU | 53 | 1 | 1 | 0 | ... | ... | ... | ... | 1 | |
| PER | 0 | 8 | 5 | 0 | 1 | 2 | 0 | ... | 12 | |
| VEN | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| BRA | 22 | 424 | 318 | 32 | 32 | 42 | 0 | 0 | 23 | |
| CAP | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CRI | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | |
| GTM | 0 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 6 | |
| HND | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 5 | |
| NIC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PAN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SLV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CAR | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 9 | |
| LAC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 | |
| CUB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HTI | 20 | 28 | 12 | 4 | 4 | 5 | 3 | 0 | 26 | |
| MEX | 58 | 99 | 41 | 14 | 7 | 5 | 16 | 16 | 7 | |
| NOA | CAN | ... | ... | ... | ... | ... | ... | ... | ... | |
| SOC | USA | ... | ... | ... | ... | ... | ... | ... | ... | |
| | ARG | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | CHL | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | |
| | URY | 0 | 9 | 5 | 1 | 0 | 0 | 3 | 0 | |
| URY | 0 | ... | ... | ... | ... | ... | ... | ... | ... | |
| TOTAL | | 295 | 722 | 487 | 65 | 62 | 64 | 27 | 17 | 11 |

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 1-29, 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 (2021/30-2022/29) | | |
|---------------------------|-----|------------------------|-------------|-------------------------------------|------------------------------|--|------------------------|---|------------------------------|-----|
| | | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) ^a | CRS (10,000 lb) ^a | |
| AND | BOL | 4156 | ... | 95 | 94 | 90 | 92 | 1.1 | 0.0 | |
| | COL | 5296 | ... | 8 | 73 | 90 | 92 | 1.9 | 3.2 | |
| | ECU | 2184 | ... | 90 | 64 | 33 | 61 | 1.0 | 0.0 | |
| | PER | 7781 | ... | 91 | 79 | 42 | 30 | 0.3 | 0.0 | |
| | VEN | 13092 | ... | 100 | 95 | 8 | 4 | 2.6 | 0.0 | |
| CAP | BRA | ... | ... | ... | ... | 82 | 74 | 2.3 | 0.3 | |
| | CRI | 82 | ... | 100 | 100 | 100 | 100 | 0.2 | 12.0 | |
| | GTM | 1541 | 5 | 100 | 95 | 74 | 92 | 0.6 | 0.0 | |
| | HND | 469 | 86 | 88 | 98 | 95 | 97 | 0.9 | 1.4 | |
| | NIC | 185 | ... | 100 | 97 | 92 | 95 | 1.6 | 5.3 | |
| CAR | PAN | 324 | ... | 63 | 100 | 75 | 100 | 0.5 | 0.0 | |
| | SLV | 1303 | 91 | 89 | 100 | 98 | 97 | 8.8 | 24.3 | |
| | LAC | CAR | 758 | 53 | 82 | 100 | 0 | 82 | 0.2 | 0.0 |
| | CUB | 168 | ... | 100 | 100 | 100 | 100 | 12.2 | 0.0 | |
| | DOM | 247 | ... | 34 | 92 | 86 | 94 | 0.5 | 0.0 | |
| MEX | HTI | 659 | 97 | 90 | 96 | 27 | 56 | 1.3 | 2.4 | |
| | MEX | 20213 | 96 | 92 | 99 | 95 | 95 | 1.6 | 0.0 | |
| NOA | CAN | ... | ... | ... | ... | ... | ... | ... | ... | |
| | USA | ... | ... | ... | ... | ... | ... | ... | ... | |
| SOC | ARG | 784 | ... | 1 | 74 | 63 | 56 | 0.5 | 0.0 | |
| | CHL | 799 | 81 | 65 | 89 | 95 | 99 | 0.6 | 6.1 | |
| | PRY | 1398 | 99 | 74 | 97 | 83 | 99 | 7.8 | 0.3 | |
| | URY | 155 | ... | ... | ... | ... | ... | 0.0 | 0.0 | |
| Total and Average* | | 61594 | 39 | 79 | 94 | 84 | 83 | 1.9 | 1.0 | |

*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.