



**PAN AMERICAN HEALTH ORGANIZATION**  
**PAN AMERICAN SANITARY BUREAU REGIONAL OFFICE OF THE**  
**WORLD HEALTH ORGANIZATION**

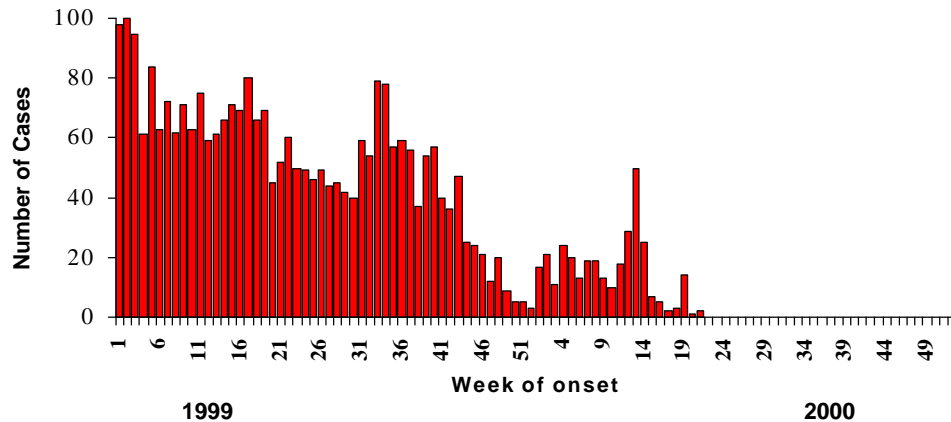


Vol. 6 No. 20

*Division of Vaccines and Immunization*  
*Expanded Program on Immunization*  
*Measles Surveillance in the Americas*

*Weekly Bulletin for the week*  
*ending 20 May 2000*

### Confirmed measles cases by week of onset Region of the Americas, 1999-2000\*



Source: Country Reports

\* Data as of 20 May 2000 - 324 confirmed measles cases

Table No. 1  
 Classification of **Suspected Measles & Rubella Cases**  
 for the period between weeks 01 a 20, 2000

| Site         |     | Reported Cases 2000 |              | Measles Confirmed 2000 |            |            | Measles Confirmed 1999 |              | Rubella Confirmed 2000 |              |              | Diagnosis of Discarded Cases 2000 |              |
|--------------|-----|---------------------|--------------|------------------------|------------|------------|------------------------|--------------|------------------------|--------------|--------------|-----------------------------------|--------------|
|              |     | Total               | Inv.         | Clinic.                | Lab.       | Total      | Week 1-20              | Total        | Clinic.                | Lab.         | Total        | Dengue                            | Other        |
| AND          | BOL | 191                 | 2            | 5                      | 32         | 37         | 683                    | 1,441        | 1                      | 23           | 24           | 0                                 | 128          |
|              | COL | 501                 | 6            | 0                      | 0          | 0          | 29                     | 37           | 0                      | 63           | 63           | 14                                | 418          |
|              | ECU | 322                 | 19           | 0                      | 0          | 0          | 0                      | 0            | 0                      | 110          | 110          | 0                                 | 193          |
|              | PER | 706                 | 1            | 0                      | 1          | 1          | 0                      | 12           | 0                      | 207          | 207          | 0                                 | 497          |
|              | VEN | 199                 | 22           | 0                      | 0          | 0          | 0                      | 0            | 0                      | 15           | 15           | 5                                 | 157          |
| BRA          | BRA | 8,686               | 4,163        | 2                      | 27         | 29         | 151                    | 784          | 446                    | 506          | 952          | 0                                 | 3,542        |
|              | CAP | 59                  | 22           | 0                      | 0          | 0          | 1                      | 24           | 2                      | 10           | 12           | 0                                 | 25           |
|              | ELS | 204                 | 0            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 30           | 30           | 8                                 | 164          |
|              | GUT | 309                 | 11           | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 298          |
|              | HON | 166                 | 13           | 0                      | 0          | 0          | 0                      | 0            | 5                      | 80           | 85           | 4                                 | 64           |
| CAR          | NIC | 240                 | 0            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 70           | 70           | 10                                | 160          |
|              | PAN | 30                  | 4            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 26           |
|              | CAR | 128                 | 63           | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 8                                 | 57           |
|              | LAC | 491                 | 165          | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 326          |
|              | DOR | 1,164               | 249          | 0                      | 111        | 111        | 110                    | 274          | 0                      | 367          | 367          | 0                                 | 437          |
| MEX          | FGU | 0                   | 0            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 0            |
|              | GUA | 0                   | 0            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 0            |
|              | HAI | 138                 | 0            | 0                      | 116        | 116        | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 33           |
|              | MAR | 0                   | 0            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 0            |
|              | PUR | 0                   | 0            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 0                                 | 0            |
| NOA          | MEX | 193                 | 141          | 0                      | 0          | 0          | 0                      | 0            | 0                      | 17           | 17           | 0                                 | 35           |
|              | CAN | 9                   | ...          | 0                      | 9          | 9          | 4                      | 29           | 0                      | 0            | 0            | 0                                 | 0            |
|              | USA | 42                  | ...          | 0                      | 15         | 15         | 32                     | 100          | 0                      | 27           | 27           | 0                                 | 0            |
| SOC          | ARG | 165                 | 11           | 0                      | 6          | 6          | 141                    | 247          | 0                      | 3            | 3            | 0                                 | 145          |
|              | CHI | 28                  | 11           | 0                      | 0          | 0          | 26                     | 31           | 0                      | 1            | 1            | 0                                 | 16           |
|              | PAR | 399                 | 1            | 0                      | 0          | 0          | 0                      | 0            | 0                      | 0            | 0            | 57                                | 341          |
|              | URU | 1                   | 0            | 0                      | 0          | 0          | 9                      | 34           | 0                      | 0            | 0            | 0                                 | 1            |
| <b>Total</b> |     | <b>14,371</b>       | <b>4,904</b> | <b>7</b>               | <b>317</b> | <b>324</b> | <b>1,186</b>           | <b>3,013</b> | <b>454</b>             | <b>1,529</b> | <b>1,983</b> | <b>106</b>                        | <b>7,063</b> |

... No report received

**Division of Vaccines and Immunization  
Expanded Program on Immunization  
Measles Surveillance in the Americas**

**Weekly Bulletin for the week  
Ending 20 May 2000**

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Table No. 2

**Measles Suspect Cases Under Investigation** for the period between weeks 01 a 20, 2000

| Region | Country | Pending cases from 1999 | Cumulative 2000 | Week of Rash Onset |     |      |       |     |     |     |     |      |   |
|--------|---------|-------------------------|-----------------|--------------------|-----|------|-------|-----|-----|-----|-----|------|---|
|        |         |                         |                 | 1-4                | 5-8 | 9-12 | 13-16 | 17  | 18  | 19  | 20  | Unk. |   |
| AND    | BOL     | 0                       | 2               | 0                  | 0   | 0    | 0     | 0   | 1   | 0   | 1   |      |   |
|        | COL     | 0                       | 6               | 0                  | 1   | 0    | 2     | 1   | 0   | 2   | 0   |      |   |
|        | ECU     | 0                       | 20              | 0                  | 0   | 6    | 13    | 0   | 0   | 0   | 0   | 1    |   |
|        | PER     | 0                       | 1               | 1                  | 0   | 0    | 0     | 0   | 0   | 0   | 0   |      |   |
|        | VEN     | 0                       | 23              | 0                  | 0   | 0    | 10    | 4   | 5   | 3   | 0   | 1    |   |
| BRA    | BRA     | 0                       | 1,240           | ...                | ... | ...  | ...   | ... | ... | ... | ... |      |   |
|        | CAP     | COR                     | 0               | 5                  | ... | ...  | ...   | ... | ... | ... | ... | 9    |   |
|        |         | ELS                     | 0               | 0                  | 0   | 0    | 0     | 0   | 0   | 0   | 0   |      |   |
| CAR    | GUT     | 0                       | 11              | 0                  | 0   | 0    | 2     | 0   | 5   | 4   | 0   |      |   |
|        | HON     | 0                       | 3               | 0                  | 0   | 1    | 1     | 1   | 0   | 0   | 0   |      |   |
|        | NIC     | 0                       | 0               | 0                  | 0   | 0    | 0     | 0   | 0   | 0   | 0   |      |   |
|        | PAN     | 0                       | 4               | 0                  | 0   | 0    | 3     | 0   | 0   | 1   | 0   |      |   |
|        | CAR     | 0                       | 74              | 9                  | 10  | 24   | 15    | 1   | 1   | 2   | 1   | 11   |   |
|        | LAC     | CUB                     | 0               | 0                  | ... | ...  | ...   | ... | ... | ... | ... | ...  |   |
|        |         | DOR                     | 0               | 255                | 2   | 24   | 78    | 131 | 3   | 10  | 0   | 0    | 7 |
|        |         | FGU                     | 0               | 0                  | ... | ...  | ...   | ... | ... | ... | ... | ...  |   |
|        |         | GUA                     | 0               | 0                  | ... | ...  | ...   | ... | ... | ... | ... | ...  |   |
|        |         | HAI                     | 0               | 0                  | ... | ...  | ...   | ... | ... | ... | ... | ...  |   |
| MAR    |         | 0                       | 0               | ...                | ... | ...  | ...   | ... | ... | ... | ... |      |   |
| PUR    |         | 0                       | 0               | ...                | ... | ...  | ...   | ... | ... | ... | ... |      |   |
| MEX    |         | MEX                     | 0               | 5                  | 2   | 3    | 0     | 0   | 0   | ... | ... | ...  |   |
| NOA    | CAN     | 0                       | 0               | ...                | ... | ...  | ...   | ... | ... | ... | ... |      |   |
|        | USA     | 0                       | 0               | ...                | ... | ...  | ...   | ... | ... | ... | ... |      |   |
|        | SOC     | ARG                     | 0               | 11                 | 0   | 2    | 3     | 4   | 1   | 1   | 0   | 0    |   |
| CHI    |         | 0                       | 11              | 1                  | 0   | 2    | 4     | 2   | 2   | 0   | ... |      |   |
| PAR    |         | 0                       | 1               | 0                  | 1   | 0    | 0     | 0   | 0   | 0   | 0   |      |   |
| URU    |         | 0                       | 0               | ...                | ... | ...  | ...   | ... | ... | ... | ... |      |   |
| TOTAL  |         | 0                       | 1,672           | 15                 | 41  | 114  | 185   | 13  | 25  | 12  | 2   | 29   |   |

... No report received through the Measles Elimination Surveillance System

Table No. 3

**Measles Surveillance Indicators** for the period between weeks 01 a 20, 2000

| Region | Country | % Sites Reporting Weekly | % Cases Adeq. Invest. | % Cases Adeq. Sample | % Lab. Recvd. <=5 days | % Lab. Result <=4 days | Number of Active Municipalities |    |
|--------|---------|--------------------------|-----------------------|----------------------|------------------------|------------------------|---------------------------------|----|
| AND    | BOL     | 95                       | 59                    | 91                   | 75                     | 63                     | 1                               |    |
|        | COL     | 86                       | 57                    | 98                   | 66                     | 80                     | 0                               |    |
|        | ECU     | 97                       | 48                    | 51                   | 42                     | 70                     | 0                               |    |
|        | PER     | 100                      | 60                    | 96                   | 98                     | 73                     | 1                               |    |
|        | VEN     | 88                       | 80                    | 94                   | 35                     | 86                     | 0                               |    |
| BRA    | BRA     | ...                      | ...                   | ...                  | ...                    | ...                    | 8                               |    |
|        | CAP     | COR                      | ...                   | ...                  | ...                    | ...                    | 0                               |    |
|        |         | ELS                      | 66                    | 11                   | 97                     | 88                     | 63                              | 0  |
| CAR    | GUT     | 78                       | 49                    | 95                   | 76                     | 71                     | 0                               |    |
|        | HON     | 100                      | 85                    | 92                   | 19                     | 38                     | 0                               |    |
|        | NIC     | 100                      | 78                    | 99                   | 59                     | 48                     | 0                               |    |
|        | PAN     | 11                       | 33                    | 81                   | 63                     | 63                     | 0                               |    |
|        | CAR     | 100                      | 32                    | 65                   | 25                     | 82                     | 0                               |    |
|        | LAC     | CUB                      | ...                   | ...                  | ...                    | ...                    | ...                             | 0  |
|        |         | DOR                      | 89                    | 66                   | 97                     | 33                     | 15                              | 14 |
|        |         | FGU                      | ...                   | ...                  | ...                    | ...                    | ...                             | 0  |
|        |         | GUA                      | ...                   | ...                  | ...                    | ...                    | ...                             | 0  |
|        |         | HAI                      | ...                   | ...                  | ...                    | ...                    | ...                             | 2  |
| MAR    |         | ...                      | ...                   | ...                  | ...                    | ...                    | 0                               |    |
| PUR    |         | ...                      | ...                   | ...                  | ...                    | ...                    | 0                               |    |
| MEX    |         | MEX                      | 94                    | 88                   | 100                    | 25                     | 25                              | 0  |
| NOA    | CAN     | ...                      | ...                   | ...                  | ...                    | ...                    | 1                               |    |
|        | USA     | ...                      | ...                   | ...                  | ...                    | ...                    | 7                               |    |
|        | SOC     | ARG                      | 100                   | 20                   | 45                     | 0                      | 100                             | 1  |
| CHI    |         | 99                       | 57                    | 96                   | 78                     | 56                     | 0                               |    |
| PAR    |         | 80                       | 40                    | 83                   | 69                     | 21                     | 0                               |    |
| URU    |         | ...                      | ...                   | ...                  | ...                    | ...                    | 0                               |    |
| TOTAL  |         | 94                       | 56                    | 90                   | 57                     | 50                     | 35                              |    |

... No report received