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



Vol. 4 No. 51

*Special Program for Vaccines and Immunization
Expanded Program on Immunization
Measles Surveillance in the Americas*

*Weekly Bulletin for the week
ending 26 December 1998*

Confirmed measles cases, 1998

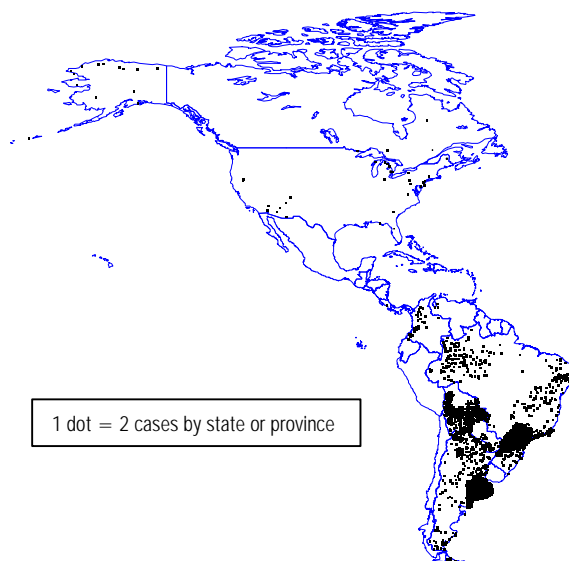


Table No. 1
Classification of Suspected Measles Cases
for the period: 98/01 - 98/51

| Region | Country | Suspected Cases Reported | Under Investigation | Discarded | | | Confirmed Cases 1998 | | | Confirmed Cases 1997 | | |
|--------|---------|--------------------------|---------------------|-----------|--------|---------------|----------------------|-------|--------|----------------------|--------|-----|
| | | | | Rubella | Dengue | Other/Unknown | Clinic. | Lab. | Total | Week 51 | Total | |
| AND | BOL | 1,172 | 69 | 16 | 0 | 236 | 0 | 851 | 851 | 7 | 7 | |
| | COL | 583 | 117 | 15 | 33 | 392 | 23 | 3 | 26 | 68 | 68 | |
| | ECU | 277 | 32 | 37 | 0 | 207 | 0 | 1 | 1 | 0 | 0 | |
| | PER | 201 | 92 | 1 | 0 | 108 | 0 | 0 | 0 | 93 | 95 | |
| | VEN | 639 | 15 | 140 | 26 | 454 | 4 | 0 | 4 | 27 | 27 | |
| BRA | BRA | 14,275 | 6,186 | ... | ... | 5,954 | 677 | 1,458 | 2,135 | 25,900 | 52,284 | |
| CAP | COR | 123 | 31 | ... | ... | 90 | 2 | 0 | 2 | 15 | 26 | |
| | ELS | 183 | 0 | 16 | 12 | 155 | 0 | 0 | 0 | 0 | 0 | |
| CAR | GUT | 142 | 5 | 35 | 1 | 100 | 1 | 0 | 1 | 8 | 8 | |
| | HON | 174 | 12 | 50 | 17 | 95 | 0 | 0 | 0 | 5 | 5 | |
| | NIC | 854 | 0 | 255 | 3 | 596 | 0 | 0 | 0 | 0 | 0 | |
| | PAN | 88 | 1 | 3 | 6 | 78 | 0 | 0 | 0 | 0 | 0 | |
| | CAR | 504 | 7 | 99 | 47 | 350 | 0 | 1 | 1 | 2 | 2 | |
| | LAC | CUB | 385 | 23 | 0 | 0 | 362 | 0 | 0 | 0 | 0 | 0 |
| | | DOR | 92 | 5 | 19 | 15 | 53 | 0 | 0 | 0 | 1 | 1 |
| | | FGU | ... | ... | ... | ... | ... | ... | ... | ... | 0 | 0 |
| | | GUA | 6 | 0 | 0 | 0 | 4 | 0 | 2 | 2 | 116 | 116 |
| | | HAI | ... | ... | ... | ... | ... | ... | ... | ... | 0 | 0 |
| MEX | MAR | ... | ... | ... | ... | ... | ... | ... | ... | 0 | 0 | |
| | PUR | 0 | 0 | ... | ... | ... | ... | ... | ... | 0 | 0 | |
| NOA | MEX | 150 | 19 | 80 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | |
| | CAN | 11 | 0 | 0 | 0 | 0 | 0 | 11 | 11 | 579 | 579 | |
| SOC | USA | 92 | ... | ... | ... | ... | ... | 92 | 92 | 128 | 138 | |
| | ARG | 7,333 | ... | ... | ... | ... | ... | 7,333 | 7,333 | 89 | 125 | |
| | CHI | 475 | 48 | 33 | 0 | 394 | 0 | 0 | 0 | 58 | 58 | |
| | PAR | 519 | 399 | 8 | 0 | 44 | 0 | 68 | 68 | 143 | 144 | |
| | URU | 5 | 3 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | |
| TOTAL | | 28,283 | 7,064 | 807 | 160 | 9,724 | 707 | 9,821 | 10,528 | 27,241 | 53,685 | |

... No report received

**Special Program for Vaccines and Immunization
Expanded Program on Immunization
Measles Surveillance in the Americas**

**Weekly Bulletin for the week
ending 26 December 1998**

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Table No. 2

Measles Suspect Cases Under Investigation for the period: 98/01 - 98/51

| Region | Ctry. | Pending cases from 1997 | Cumulative 1998 | Week of Rash Onset | | | | | | | | | | | | | | | | | |
|--------|-------|-------------------------|-----------------|--------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|-----|-----|
| | | | | 1-4 | 5-8 | 9-12 | 13-16 | 17-20 | 21-24 | 25-28 | 29-32 | 33-36 | 37-40 | 41-44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
| AND | BOL | 0 | 69 | ... | 0 | 0 | 0 | 0 | ... | ... | ... | 2 | 2 | ... | ... | ... | 1 | 4 | 17 | 25 | 18 |
| | COL | 0 | 117 | 7 | 5 | 9 | 5 | 12 | 10 | 9 | 7 | 6 | 14 | 20 | 4 | 3 | 6 | 0 | 0 | 0 | ... |
| | ECU | 0 | 32 | 0 | 3 | 2 | ... | ... | 0 | 0 | ... | 1 | 3 | 1 | 1 | 5 | 4 | 10 | 1 | ... | |
| | PER | 0 | 92 | 3 | ... | 2 | ... | 2 | 5 | 7 | 6 | 28 | 21 | 18 | ... | ... | ... | ... | ... | ... | |
| | VEN | 0 | 15 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 2 | 1 | 3 | 1 | ... | |
| BRA | BRA | 0 | 6,186 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| CAP | COR | 0 | 31 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | ELS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | |
| | GUT | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | ... | ... | ... | 0 | 0 | 0 | 0 | 0 | 0 | |
| | HON | 0 | 12 | ... | ... | 0 | 0 | ... | 0 | ... | 0 | ... | 2 | 8 | 0 | 1 | 1 | 0 | 0 | 0 | |
| | NIC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | |
| | PAN | 0 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 0 | 0 | ... | 1 | ... | ... | ... | ... | ... | |
| CAR | CAR | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 1 | |
| LAC | CUB | 0 | 23 | 0 | 0 | 0 | 0 | ... | ... | 0 | 0 | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | |
| | DOR | 0 | 5 | 0 | 0 | 0 | 0 | ... | ... | ... | 0 | 2 | 0 | 1 | ... | ... | 1 | 1 | 0 | 0 | |
| | FGU | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | GUA | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | HAI | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | MAR | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | PUR | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MEX | MEX | 0 | 19 | 0 | 1 | 2 | 5 | 4 | 1 | 2 | 0 | 3 | 1 | 0 | 0 | 0 | ... | ... | ... | ... | |
| NOA | CAN | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | USA | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| SOC | ARG | 0 | ... | 0 | 0 | 0 | 0 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| | CHI | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 16 | 2 | 6 | 9 | 5 | 6 | 1 | |
| | PAR | 0 | 399 | 0 | 0 | 0 | 1 | 7 | 6 | 4 | 7 | 114 | 156 | 95 | ... | ... | 1 | 5 | 3 | ... | |
| | URU | 0 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | ... | ... | |
| TOTAL | | 0 | 7,064 | 10 | 9 | 15 | 12 | 25 | 22 | 24 | 23 | 157 | 204 | 167 | 8 | 14 | 25 | 22 | 37 | 31 | |

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

Table No. 3

Measles Surveillance Indicators for the period: 98/01 - 98/51

| Region | Country | % Sites Reporting Weekly | % Cases Investigated ≤48 Hours | % Cases W/Complete Inves. Form | % Cases W/Adequate Sample | % Lab. Results ≤7 Days |
|--------|---------|--------------------------|--------------------------------|--------------------------------|---------------------------|------------------------|
| AND | BOL | 83 | 99 | 82 | 94 | 83 |
| | COL | 90 | 67 | 38 | 66 | 53 |
| | ECU | 89 | 93 | 50 | 96 | 87 |
| | PER | ... | 95 | 51 | 97 | 24 |
| | VEN | 85 | 90 | 61 | 94 | 85 |
| BRA | BRA | ... | ... | ... | ... | ... |
| CAP | COR | ... | ... | ... | ... | ... |
| | ELS | 100 | 98 | 35 | 94 | 85 |
| | GUT | 72 | 96 | 29 | 97 | 88 |
| | HON | 97 | 97 | 79 | 99 | 74 |
| | NIC | 98 | 99 | 78 | 100 | 85 |
| | PAN | 95 | 100 | 24 | 89 | 70 |
| CAR | CAR | 99 | 96 | 40 | 86 | 100 |
| LAC | CUB | 97 | ... | ... | ... | ... |
| | DOR | 69 | 90 | 77 | 82 | 20 |
| | FGU | ... | ... | ... | ... | ... |
| | GUA | ... | ... | ... | ... | ... |
| | HAI | ... | ... | ... | ... | ... |
| | MAR | ... | ... | ... | ... | ... |
| | PUR | ... | ... | ... | ... | ... |
| MEX | MEX | 94 | 99 | 54 | 91 | 63 |
| NOA | CAN | ... | ... | ... | ... | ... |
| | USA | ... | ... | ... | ... | ... |
| SOC | ARG | 99 | ... | ... | ... | ... |
| | CHI | 99 | 98 | 62 | 89 | 52 |
| | PAR | 100 | 98 | 54 | 96 | 30 |
| | URU | 100 | 100 | 80 | 100 | 40 |
| TOTAL | | 92 | 94 | 61 | 91 | 73 |

... No report received