



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

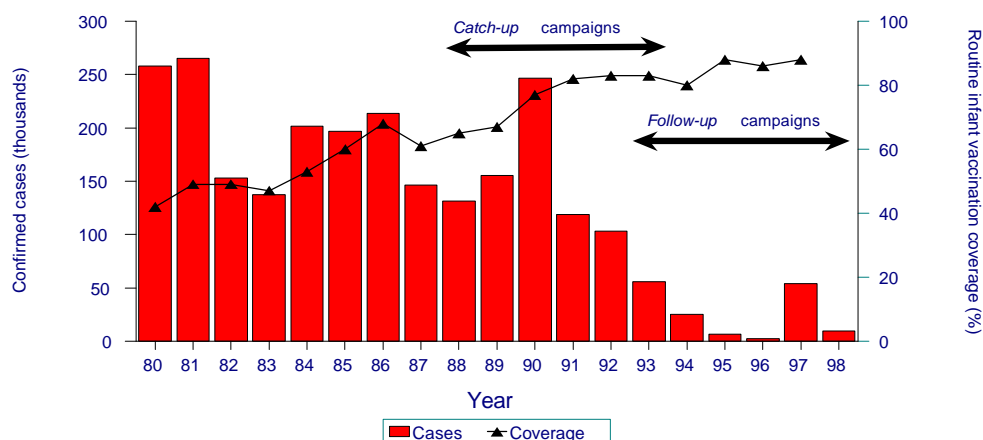


Vol. 4 No. 47

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

*Weekly Bulletin for the week*  
*ending 28 November 1998*

**Reported measles cases**  
**Region of the Americas, 1980-1998\***



Source: PAHO/WHO  
 \* Data as of 28 November 1998

Table No. 1  
 Classification of Suspected Measles Cases  
 for the period: 98/01 - 98/47

Region	Country	Suspected Cases Reported	Under Investigation	Discarded			Confirmed Cases 1998			Confirmed Cases 1997		
				Rubella	Dengue	Other/Unknown	Clinic.	Lab.	Total	Week 47	Total	
AND	BOL	623	184	3	0	135	0	301	301	7	7	
	COL	444	75	15	25	317	10	2	12	64	67	
	ECU	190	6	30	0	154	0	0	0	0	0	
	PER	201	92	1	0	108	0	0	0	78	95	
	VEN	626	12	139	25	446	4	0	4	26	27	
BRA	BRA	13,153	5,868	...	...	5,279	578	1,428	2,006	17,216	52,284	
CAP	COR	102	40	...	...	62	0	0	0	14	26	
	ELS	183	0	16	12	155	0	0	0	0	0	
	GUT	142	5	35	1	100	1	0	1	8	8	
CAR	HON	145	8	48	13	76	0	0	0	5	5	
	NIC	829	0	230	3	596	0	0	0	0	0	
	PAN	88	1	3	6	78	0	0	0	...	0	
	CAR	450	30	95	34	290	0	1	1	2	2	
	LAC	CUB	340	23	...	...	317	0	0	0	0	0
	DOR	71	6	18	12	35	0	0	0	1	1	
	FGU	...	...	...	...	...	...	...	...	...	0	0
	GUA	5	0	...	...	4	0	1	1	72	116	
MEX	HAI	...	...	...	...	...	...	...	...	0	0	
	MAR	...	...	...	...	...	...	...	...	...	0	
	PUR	...	...	...	...	...	...	...	...	0	0	
	MEX	147	32	71	0	44	0	0	0	7	0	
NOA	CAN	11	0	0	0	0	0	11	11	577	579	
	USA	86	0	0	0	0	0	86	86	126	138	
SOC	ARG	7,054	0	0	0	0	0	7,054	7,054	53	125	
	CHI	406	66	22	0	318	0	0	0	58	58	
	PAR	509	390	8	0	44	0	67	67	31	121	
	URU	5	3	0	0	1	0	1	1	2	2	
TOTAL		25,810	6,841	734	131	8,559	593	8,952	9,459	18,347	53,661	

... No report received

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

**Weekly Bulletin for the week  
ending 28 November 1998**

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Table No. 2

Measles Suspect Cases Under Investigation for the period: 98/01 - 98/47

Region	Country	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	42	43	44	45	46	47
AND	BOL	0	184	...	0	0	0	2	...	1	16	35	44	18	16	16	7	24	5	...
	COL	0	75	5	5	8	7	10	9	6	4	8	6	4	1	2	...	...	...	...
	ECU	0	6	...	3	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...
	PER	0	92	3	...	2	...	2	5	7	6	28	21	7	7	4	...	...	...	...
	VEN	0	12	0	0	0	1	0	0	0	0	0	1	1	2	0	6	0	1	...
BRA CAP	BRA	0	5,868	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	COR	0	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	ELS	0	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
	HON	0	8	0	...	0	0	...	...	0	...	...	2	4	1	1	0	0	0	...
CAR LAC	NIC	0	0	0	0	0	0	0	0	0	0	0	0	...	...	...	...	...	...	...
	PAN	0	1	...	...	...	...	...	...	...	...	0	0	...	...	...	...	...	1	...
	CAR	0	30	0	0	0	0	0	0	0	0	3	12	4	2	4	3	2	0	0
	CUB	0	23	0	0	0	0	...	...	0	0	0	0	...	...	...	0	0	...	...
	DOR	0	6	0	0	0	0	...	...	...	3	3	0	...	...	...	...	...	...	...
MEX NOA	FGU	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	GUA	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	MAR	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOC	MEX	0	32	0	0	3	5	11	2	2	1	5	2	1	0	0	...	...	...	...
	CAN	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	USA	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SOC	ARG	0	0	0	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	CHI	0	66	0	0	0	0	0	0	1	0	5	16	14	10	18	2	...	...	...
	PAR	0	390	0	0	0	1	7	6	4	7	114	156	31	36	26	2	...	...	...
	URU	0	3	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...
TOTAL		0	6,841	8	8	15	14	32	22	23	40	203	262	84	75	71	20	26	7	0

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

Table No. 3

Measles Surveillance Indicators for the period: 98/01 - 98/47

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	75	93	68
	COL	91	68	40	62	67
	ECU	...	92	55	96	90
	PER	...	95	51	97	24
	VEN	85	90	61	94	70
BRA CAP	BRA	...	...	...	...	...
	COR	...	...	...	...	...
	ELS	100	98	35	94	84
	GUT	72	96	29	97	81
	HON	96	97	81	99	45
CAR LAC	NIC	98	99	78	100	79
	PAN	95	100	24	89	55
	CAR	99	96	44	93	98
	CUB	97	...	...	...	...
	DOR	65	90	86	75	1
MEX NOA	FGU	...	...	...	...	...
	GUA	...	...	...	...	...
	HAI	...	...	...	...	...
	MAR	...	...	...	...	...
	PUR	...	...	...	...	...
SOC	MEX	93	99	50	88	63
	CAN	...	...	...	...	...
	USA	...	...	...	...	...
SOC	ARG	99	...	...	...	...
	CHI	99	98	62	89	46
	PAR	100	98	55	96	30
	URU	106	100	80	100	40
TOTAL		92	94	59	91	69

... No report received