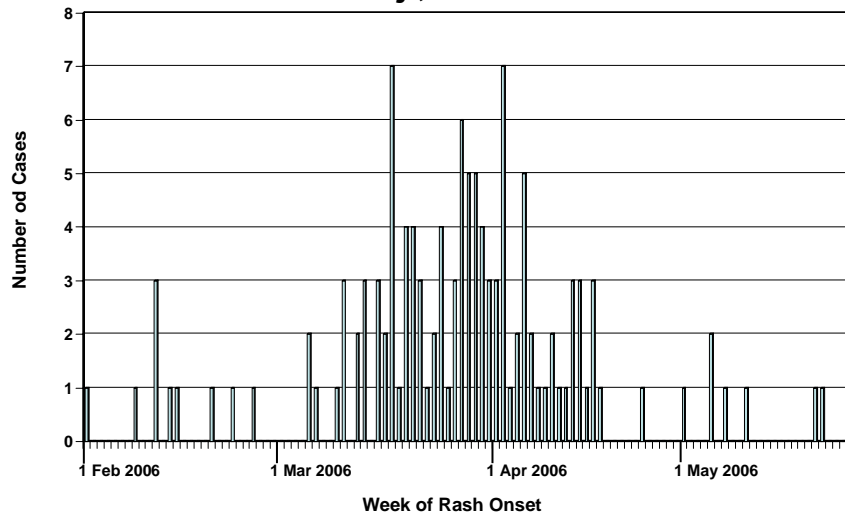




In September 2005, the 37 countries and areas of the World Health Organization (WHO) Western Pacific Region (WPR) established a goal to eliminate measles in the region by 2012. After multiple outbreaks in 1996 and 1997, measles supplementary immunization activities in 1997 and 1998 resulted in apparent interruption of measles transmission in WPR. Since then, importations have resulted in limited outbreaks in French Polynesia and Guam, a large outbreak in the Marshall Islands in 2003, and an outbreak in Fiji during February to May 2006.

**Note from PAHO:** This recent measles outbreak in Fiji, that affected all age groups, underscores that while measles virus remain circulating in some regions in the world, high population immunity ( $\geq 95\%$ ) is essential to prevent outbreaks and reintroduction of measles virus.

**Epidemic Curve of Reported Measles Cases, Fiji, 2006**



Source: Centers for Disease Control and Prevention. Measles Outbreak and Response --- Fiji, February--May 2006. MMWR 2006; 55(35):963-966. Available at: [http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5535a3.htm?s\\_cid=mm5535a3\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5535a3.htm?s_cid=mm5535a3_e)

**Table No.1**  
**Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period Between Weeks 01-36, 2006**

Subregion and Country	Suspect Cases 2006	Measles Confirmed 2006			Year/Week Last Confr. Measles Case	Rubella Confirmed 2006			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2006		Congenital Rubella Syndrome		CRI *	
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.		
AND	BOL	150	0	0	0	00/40	0	2	2	06/03	1	142	...	...	2
	COL	1245	0	0	0	02/39	1	1	2	06/18	37	1169	120	0	
	ECU	296	0	0	0	01/14	0	0	0	04/45	30	262	3	0	
	PER	1170	0	0	0	00/13	22	311	333	06/27	0	606	60	1	
	VEN	1261	0	81	81	06/24	0	108	108	06/32	130	942	...	...	
BRA	BRA	9248	0	0	0	05/29	14	88	102	06/34	0	8298	121	2	
	CAP	...	...	...	...	05/22	...	...	...	01/42	...	...	...	...	
	ELS	118	0	0	0	01/19	0	4	4	06/30	9	105	...	...	
	GUT	429	0	0	0	98/05	0	3	3	06/30	8	414	0	0	
	HON	93	0	0	0	97/29	0	0	0	04/11	3	89	13	0	
CAR	NIC	119	0	0	0	94/14	0	0	0	04/19	2	117	0	0	
	PAN	151	0	0	0	95/49	0	0	0	02/48	1	146	0	0	
	LAC	142	0	0	0	98/23	0	0	0	01/27	6	72	1	0	
	CUB	832	0	0	0	93/27	0	0	0	04/11	0	588	0	0	
	DOR	198	0	0	0	01/23	0	10	10	05/37	0	107	...	...	
MEX	FGU	69	0	0	0	...	...	...	...	...	0	69	...	...	
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	
	HAI	59	0	0	0	01/39	0	0	0	04/25	0	47	9	0	
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	
NOA	MEX	2984	0	22	22	06/07	0	30	30	06/35	0	2737	0	0	
	CAN	...	0	12	12	06/30	0	2	2	06/36	...	...	...	...	
	USA	...	0	43	43	06/24	0	6	6	06/34	...	...	...	1	
SOC	ARG	252	0	0	0	00/11	0	0	0	04/50	0	244	...	...	
	CHI	198	0	0	0	03/19	0	0	0	05/21	0	189	147	0	
	PAR	412	0	0	0	98/44	0	0	0	05/21	17	393	1	0	
	URU	2	0	0	0	99/08	0	0	0	01/37	0	0	0	0	
<b>TOTAL</b>	<b>19428</b>	<b>0</b>	<b>158</b>	<b>158</b>	<b>-</b>	<b>37</b>	<b>565</b>	<b>602</b>	<b>-</b>	<b>244</b>	<b>16736</b>	<b>475</b>	<b>4</b>	<b>2</b>	

... No report received

\* Congenital Rubella Infection



# Measles / Rubella Surveillance

Table No.2

**Infection Source of Measles and Rubella Confirmed Cases for the Period Between Weeks 01-36, 2006**

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN	1	41	32				
BRA	BRA							
	COR							
	ELS							4
	GUT							
	HON							
CAR	NIC							
	PAN							
	CAR							
	CUB							
	DOR							
LAC	FGU							
	GUA							
	HAI							
	MAR							
	PUR							
MEX	MEX	22						
	CAN	4	2	2				
	USA	6	7	10				
SOC	ARG							
	CHI							
	PAR							
	URU							
TOTAL		33	50	44				4

Table No.3

**Measles/Rubella Suspected Cases Under Investigation for the Period Between Weeks 01-36, 2006**

Country	Pending Cases 2005	Cumulative 2006	Week of Rash Onset							Unkn.
			1-31	32	33	34	35	36		
BOL	0	5	3	1	1	0	0	...		
COL	16	37	24	4	1	3	1	0	4	
ECU	0	4	0	3	1	0	...	...		
PER	38	231	231	...	...	...	...	...		
VEN	0	0	0	0	0	0	0	0		
BRA	0	845	373	108	134	129	101	...		
COR	0	...	...	...	...	...	...	...		
ELS	0	0	0	0	0	0	0	0		
GUT	0	4	4	0	0	0	0	0		
HON	0	1	1	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	4	3	0	0	1	0	0		
CAR	0	64	52	2	3	3	4	0		
CUB	62	244	211	13	0	18	2	...		
DOR	0	81	79	0	0	0	0	0	2	
FGU	0	0	0	0	0	0	...	...		
GUA	...	...	...	...	...	...	...	...		
HAI	0	12	11	0	0	0	0	0	1	
MAR	...	...	...	...	...	...	...	...		
PUR	...	...	...	...	...	...	...	...		
MEX	0	195	142	19	15	14	5	...		
CAN	...	...	...	...	...	...	...	...		
USA	...	...	...	...	...	...	...	...		
ARG	0	8	6	0	0	0	1	1		
CHI	0	9	3	0	0	2	1	3		
PAR	0	2	2	0	0	0	0	0		
URU	0	2	2	0	0	0	0	0		
TOTAL	116	1748	1147	150	155	170	115	4	7	

I: Imported – IR: Import-related – U: Unknown – IN: Indigenous

... No report received

Table No.4

**Indicators of Integrated Measles/Rubella Surveillance for the Period Between Weeks 01-36, 2006**

Sub-region and Country		% Sites Reporting Weekly	% Cases with Adequate Investigation	% Cases with Adequate Sample	% Lab Received ≤5 days	% Lab Result ≤4 days	% Cases Discarded by Lab	Chains of Transmission With Representative Samples for Viral Isolation	
								Measles	Rubella
AND	BOL	40	97	99	83	79	99		
	COL	92	55	93	78	82	97		
	ECU	70	60	98	86	85	99		
	PER	100	89	95	80	53	95		
	VEN	72	86	97	68	79	99	2	
BRA	BRA	92	75 <sup>a</sup>	78	44	90	98		
	COR	...	...	...	...	...	...		
	ELS	92	69	98	95	92	98		
	GUT	49	92	98	75	94	98		
	HON	93	91	98	83	90	98		
CAR	NIC	100	86	99	52	96	99		
	PAN	93	76	99	68	96	99		
	CAR	99	75	92	31	89	99		
	CUB	95	90 <sup>a</sup>	100	30	100	71		
	DOR	84	68	97	61	74	99		
LAC	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	70	96	93	26	36	91		
	MAR	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...		
MEX	MEX	93	99 <sup>a</sup>	97	86	76	99	4	
	CAN	...	...	...	...	...	...		
	USA	...	...	...	...	...	...		
SOC	ARG	78	11	92	74	86	100		
	CHI	94	27	92	79	90	98		
	PAR	92	75	99	85	100	100		
	URU	58	0	100	...	...	...		
Total and Average		87	79	88	60	85	97	6	

... No report received

<sup>a</sup> Also includes information on active case-searches

Issues of the Measles/Rubella Surveillance Bulletin can be accessed at:  
<http://www.paho.org/english/ad/fch/im/measles.htm>