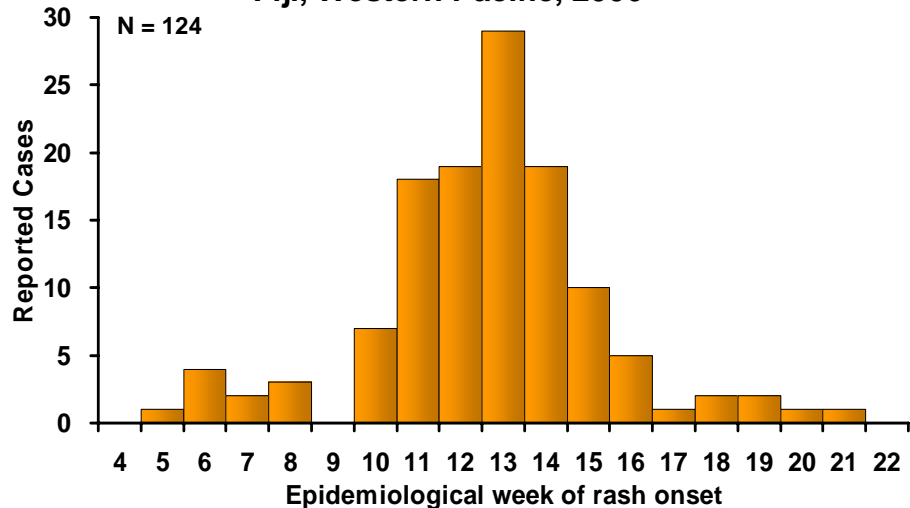




Countries of the WHO Western Pacific Region committed to eliminate measles by 2012. Fiji—regarded as having achieved this goal in 2004—is experimenting an outbreak since February 2006. Over 60% of reported cases are children aged 6 months to 6 years. Campaigns (*catch-up* in 1997, *follow-up* in 2001) and routine vaccination have only reached approximately an 85% coverage. Based on calculation of susceptible children that had accumulated, the occurrence of an outbreak was predicted in 2005. In countries that have eliminated measles, such calculations should be carried out regularly to identify populations at risk.

**Epidemic Curve of Measles Outbreak
Fiji, Western Pacific, 2006 ***



* As of 2 June 2006, 132 cases were reported in this outbreak (124 with available date of rash onset).

Source: Measles Bulletin, WHO Western Pacific Regional Office, June 2006
(<http://www.wpro.who.int/sites/epi/documents/MeaslesBulletin.htm>.)

**Table No.1
Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period Between Weeks 01-23, 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	87	0	0	0	00/40	0	2	2	06/07	1	75	...	...
	COL	722	0	0	0	02/39	0	0	0	05/48	20	636	95	0	
	ECU	229	0	0	0	01/14	0	0	0	04/45	30	196	3	0	
	PER	1028	0	0	0	00/13	22	283	305	06/23	0	476	60	1	
	VEN	656	0	49	49	06/18	0	73	73	06/21	77	463	...	...
BRA	BRA	5425	0	0	0	05/29	6	30	36	06/22	0	4832	48	0	
CAP	COR	17	0	0	0	05/22	0	0	0	01/42	0	14	0	0	
	ELS	43	0	0	0	01/19	0	0	0	03/31	2	41	...	...
	GUT	297	0	0	0	98/05	0	4	4	06/12	6	271	0	0	
	HON	42	0	0	0	97/29	0	0	0	04/11	0	42	8	0	
	NIC	81	0	0	0	94/14	0	0	0	04/19	0	81	0	0	
	PAN	94	0	0	0	95/49	0	0	0	02/48	1	90	0	0	
CAR	CAR	80	0	0	0	98/23	0	0	0	01/27	6	72	1	0	
LAC	CUB	473	0	0	0	93/27	0	0	0	04/11	0	322	0	0	
	DOR	110	0	0	0	01/23	0	0	0	05/37	0	80	...	...
	FGU	63	0	0	0	...	...	...	...	...	0	63	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	46	0	0	0	01/39	0	0	0	04/25	0	34	8	0	
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	0	0	0	...	...	...	...	...	...	...	...	...
MEX	MEX	1839	0	22	22	06/07	0	6	6	06/17	0	1011	0	0	
NOA	CAN	...	0	7	7	06/20	...	...	...	05/25	...	...	...	...
	USA	...	0	20	20	06/23	0	4	4	06/23	...	...	...	...
SOC	ARG	124	0	0	0	00/11	0	0	0	04/50	0	118	...	...
	CHI	119	0	0	0	03/19	0	0	0	05/21	0	112	108	0	
	PAR	281	0	0	0	98/44	0	0	0	05/21	13	268	1	0	
	URU	2	0	0	0	99/08	0	0	0	01/37	0	0	0	0	
TOTAL		11858	0	98	98	-	28	402	430	-	156	9297	332	1	2

... 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 01-23, 2006

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN	1	41	7				
BRA	BRA							
	COR							
	ELS							4
	GUT							
	HON							
CAP	NIC							
	PAN							
	CAR							
	CUB							
	DOR							
LAC	FGU							
	GUA							
	HAI							
	MAR							
	PUR							
MEX	MEX	22						6
	CAN	2		5				
	USA	3	7	10				
SOC	ARG							
	CHI							
	PAR							
	URU							
TOTAL		28	48	22				10

Table No.3

Measles/Rubella Suspected Cases Under Investigation for the Period Between Weeks 01-23, 2006

Country	Pending Cases 2005	Cumulative 2006	Week of Rash Onset							Unkn.
			1-18	19	20	21	22	23		
BOL	0	9	4	1	4	0	0	0		
COL	22	66	48	6	0	2	2	0		8
ECU	0	3	0	0	0	1	1	1		
PER	1040	247	199	5	17	8	10	8		
VEN	0	0	0	0	0	0	0	...		
BRA	0	557	324	40	32	66	96	...		
COR	0	4	4	...	...	...	...	...
ELS	0	0	0	0	...	...	...	...
GUT	0	16	1	1	11	3	0	0		
HON	0	0	0	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	3	0	0	2	0	1	0		
CAR	0	2	2	0	0	0	0	0		
CUB	62	151	69	33	49	...	...	...
DOR	0	30	15	9	5	0	0	...		1
FGU	0	0	0	0	0	0	...	...
GUA	...	...	...	...	...	...	...	...
HAI	0	12	11	0	0	0	0	0		1
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	800	598	46	43	54	46	13		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	6	4	0	1	0	0	0		1
CHI	0	7	1	0	4	0	1	1		
PAR	0	0	0	0	0	0	0	...		
URU	0	2	2	0	0	0	0	0		
TOTAL	1124	1915	1282	141	168	134	157	23		11

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 01-23, 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	18	98	99	78	90	100			
	COL	91	48	93	74	78	97			
	ECU	67	61	98	85	85	99			
	PER	100	88	93	80	51	94			
	VEN	72	83	98	69	71	99	2		
BRA	BRA	97	71 ^a	74	33	59	99			
	COR	82	85	100	78	100	100			
	ELS	93	56	95	100	86	100			
	GUT	46	88	93	74	97	98			
	HON	93	90	100	76	95	100			
CAP	NIC	100	65	100	49	95	99			
	PAN	93	83	99	67	96	99			
	CAR	99	88	99	37	95	99			
	LAC	CUB	95	90 ^a	100	35	100	68		
	DOR	85	61	98	65	73	100			
LAC	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	67	95	93	33	30	91			
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
MEX	MEX	93	99 ^b	98	70	40	100	4		
	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
SOC	ARG	72	8	92	69	82	100			
	CHI	91	20	92	78	91	100			
	PAR	90	77	99	83	100	100			
	URU	57	...	100	...	...	...
Total and Average		85	76	86	53	63	97	6		

... No report received

^a Also includes information on active case-searches^b Only considers home visit within 48 hours of notification

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