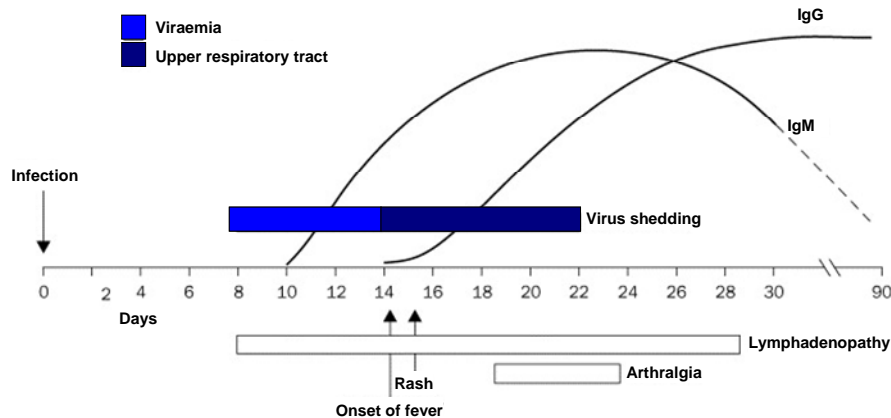




Timing of Clinical, Virological, and Immunological Features in Rubella Infection



Source: Banatvala JE, Brown DW. Rubella. *Lancet* 2004;363(9415):1127-1137, with authorization from Elsevier.

Table No.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-21, 2008

Subregion and Country	Suspect Cases 2008	Measles Confirmed 2008			Year/Week Last Confr. Measles Case	Rubella Confirmed 2008			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2008		Congenital Rubella Syndrome		CRI *	
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.		
AND	BOL	73	0	0	0	00/40	0	0	0	06/03	0	58	...	...
	COL	314	0	0	0	02/39	0	0	0	07/31	1	300	15	0	
	ECU	242	0	0	0	01/14	0	0	0	04/45	12	217	0	0	
	PER	401	0	0	0	00/13	0	0	0	06/45	0	335	...	...
	VEN	54	0	0	0	07/06	0	0	0	07/34	23	31	...	...
BRA	BRA	7403	0	0	0	06/48	18	577	595	08/18	229	4919	12	3	
CAP	COR	4	0	0	0	05/22	0	0	0	01/42	0	0	...	...
	ELS	52	0	0	0	01/19	0	0	0	06/43	4	48	...	...
	GUT	166	0	0	0	98/05	0	0	0	06/30	1	155	0	0	
	HON	53	0	0	0	97/29	0	0	0	04/11	11	41	5	0	
	NIC	46	0	0	0	94/14	0	0	0	04/19	0	42	0	...	
CAR	PAN	51	0	0	0	95/49	0	0	0	02/48	0	44	0	0	
	CAR	123	0	0	0	98/23	0	0	0	01/27	0	49	0	0	
	LAC	228	0	0	0	93/27	0	0	0	04/06	0	200	0	0	
	DOR	18	0	0	0	01/23	0	0	0	06/44	0	4	...	...
	FGU	8	0	0	0	...	0	0	0	...	0	8	...	...
GUA	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	5	0	0	0	01/39	0	0	0	06/47	0	5	1	0	
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...
	MEX	MEX	1839	0	0	0	06/49	0	8	8	08/14	0	533	0	0
NOA	CAN	...	0	40	40	08/20	...	...	...	07/15	...	...	...	...
	USA	...	0	103	103 ^a	08/21	...	...	...	08/19	...	...	...	...
SOC	ARG	90	0	0	0	00/11	0	26	26	08/10	0	54	...	...
	CHI	131	0	0	0	03/19	0	9	9	08/09	0	100	84	0	
	PAR	120	0	0	0	98/44	0	0	0	05/21	3	117	0	0	
	URU	1	0	0	0	99/08	0	0	0	01/37	0	1	...	...
TOTAL		11422	0	143	143	-	18	620	638	-	284	7261	117	3	

... No report received; * Congenital rubella infection. (a) Provisional data.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed
Cases for the Period of Weeks 01-21, 2008

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							595
	CAP							
	COR							
	ELS							
	GUT							
CAR	HON							
	NIC							
	PAN							
	LAC							
	CUB							
LAC	DOR							
	FGU							
	GUA							
	HAI							
	MAR							
MEX	PUR							
	MEX						8	
NOA	CAN	4	32	4				
	USA	14	54	17				
SOC	ARG						9	
	CHI							
	PAR							
	URU							
TOTAL		18	86	21			17	595

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-21, 2008

Country	Pending Cases 2007	Cumulative 2008	Week of Rash Onset						
			01-16	17	18	19	20	21	Unkn.
BOL	2	15	5	4	1	3	2	...	
COL	0	13	10	1	1	1	0	...	
ECU	0	13	2	0	0	4	7	0	
PER	17	66	52	5	1	6	2	0	
VEN	4	0	0	0	0	0	0	0	
BRA	349	1889	1452	128	123	98	88	...	
COR	86	4	4	...	...	...	...	...
ELS	0	0	0	0	0	0	0	...	
GUT	0	10	8	1	0	0	0	1	
HON	1	1	1	0	0	0	0	0	
NIC	0	4	4	0	0	...	...	...
PAN	0	7	0	1	0	3	3	0	
CAR	0	74	60	5	7	2	...	...
LAC	0	28	0	0	28	0	0	0	
DOR	101	14	14	0	0	0	...	...
FGU	0	0	0	0	0	...	...	...
GUA	...	...	...	...	...	...	...	...
HAI	0	0	0	0	0	0	0	0	
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	1298	1051	80	69	57	35	6	
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	10	8	0	0	...	...	...
CHI	294	24	12	2	1	1	5	3	
PAR	0	0	0	0	0	0	0	0	
URU	1	0	0	0	0	0	...	...
TOTAL	855	3470	2683	227	231	175	142	10	2

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

... No report received

Table No.4
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-21, 2008

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	77	100	100	84	91	100		
	COL	81	62	97	75	86	98		
	ECU	83	47	93	90	84	100		
	PER	...	90	98	88	31	98		
	VEN	89	100	94	100	49	100		
BRA	BRA	90	46 ^a	53	...	...	94		
	CAP	...	75	100	100	50	...		
	ELS	91	77	98	96	92	98		
	GUT	...	81	98	80	87	96		
	HON	94	81	92	72	92	94		
CAR	NIC	100	72	96	89	82	100		
	PAN	92	78	100	80	92	100		
	LAC	CAR	99	46	96	33	95	98	
	CUB	98	100 ^a	100	80	100	88		
	DOR	79	18	41	43	57	100		
LAC	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	79	80	100	0	0	100		
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
MEX	MEX	89	98	98	51	86	100		
	NOA	CAN	...	...	...	...	...
SOC	USA	...	...	...	...	...	...
	ARG	86	34	92	57	89	96		
	CHI	99	17	76	66	86	97		
	PAR	89	63	100	83	100	100		
URU	0	...	100	100	100	100			
Total and Average		88	68	68	66	82	96		

... No report received; (a) Also includes information on active case-searches.