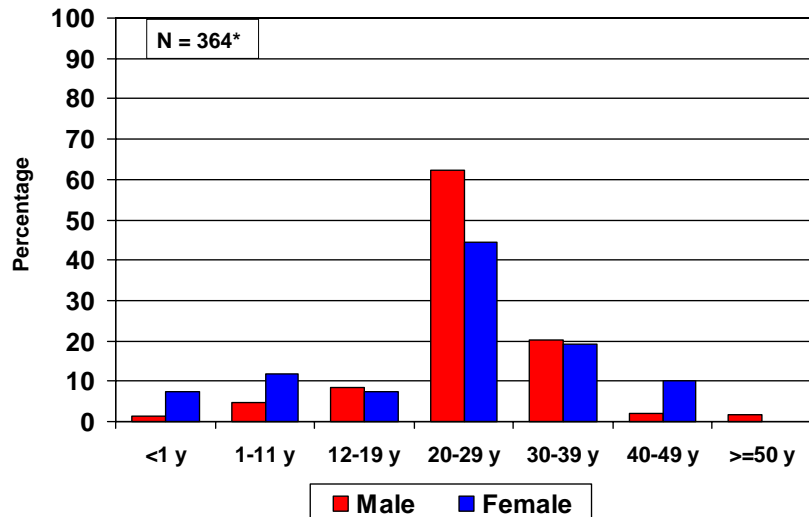




Rubella virus continues to circulate in Brazil and large outbreaks are occurring in the States of Minas Gerais (364 confirmed cases in 2006 and 22 confirmed cases in 2007\*) and Rio de Janeiro (591 confirmed cases in 2006 and 294 confirmed cases in 2007\*). Over 1,200 cases are under investigation. Although these outbreaks have affected persons in all age groups, persons aged 20-29 years are at the highest risk in both MG and RJ. Most cases have occurred among men (75% in MG and 70% in RJ). Genotype 2B has been isolated from both outbreaks. Brazil is planning a mass measles-rubella campaign in 2008 to interrupt rubella transmission and strengthen measles elimination.

\* As of Epidemiological Week 12.

**Percentage of Confirmed Rubella Cases by Sex and Age Group, Minas Gerais, Brazil, 2006**



Source: State Secretary of Health, Minas Gerais, Brazil.

\*Preliminary data

**Table No.1**  
**Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-15, 2007**

Subregion and Country	Suspect Cases 2007	Measles Confirmed 2007			Year/Week Last Confr. Measles Case	Rubella Confirmed 2007			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2007		Congenital Rubella Syndrome		CRI *	
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.		
AND	BOL	25	0	0	0	00/40	0	0	0	06/03	4	21	...	...	
	COL	261	0	0	0	02/39	0	1	1	07/14	12	241	4	0	
	ECU	81	0	0	0	01/14	0	0	0	04/45	8	69	0	0	
	PER	233	0	0	0	00/13	0	0	0	06/45	0	62	...	...	
	VEN	122	0	23	23	07/06	0	1	1	07/07	32	66	...	...	
BRA	BRA	5954	0	0	0	06/48	9	403	412	07/14	0	3447	0	0	
CAP	COR	8	0	0	0	05/22	0	0	0	01/42	0	0	...	...	
	ELS	28	0	0	0	01/19	0	0	0	06/43	3	25	...	...	
	GUT	127	0	0	0	98/05	0	1	1	07/15	1	121	0	0	
	HON	24	0	0	0	97/29	0	0	0	04/11	8	16	7	0	
	NIC	61	0	0	0	94/14	0	0	0	04/19	0	61	0	0	
	PAN	37	0	0	0	95/49	0	0	0	02/48	2	35	1	0	
CAR	CAR	86	0	0	0	98/23	0	0	0	01/27	0	38	0	0	
LAC	CUB	63	0	0	0	93/27	0	0	0	04/06	0	52	0	0	
	DOR	27	0	0	0	01/23	0	0	0	06/44	0	0	...	...	
	FGU	7	0	0	0	...	...	...	...	...	0	7	...	...	
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	
	HAI	16	0	0	0	01/39	0	0	0	06/47	0	15	1	0	
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	
MEX	MEX	840	0	0	0	06/49	0	12	12	07/11	0	492	0	0	
NOA	CAN	...	0	0	0	06/46	0	0	0	06/48	...	...	...	...	
	USA	...	0	5	5	07/06	0	9	9	07/14	...	...	0	0	
SOC	ARG	29	0	0	0	00/11	0	0	0	04/50	0	27	0	0	
	CHI	74	0	0	0	03/19	0	1	1	07/12	0	59	74	0	
	PAR	150	0	0	0	98/44	0	0	0	05/21	9	139	1	0	
	URU	4	0	0	0	99/08	0	0	0	01/37	0	0	0	0	
TOTAL		8257	0	28	28	-	9	428	437	-	79	4993	88	0	

... No report received

\* Congenital Rubella Infection



# Measles / Rubella Surveillance

**Table No.2**  
Infection Source of Measles and Rubella Confirmed  
Cases for the Period of Weeks 01-15, 2007

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							375
	CAP							
	COR							
	ELS							
	GUT				1			
CAR	HON							
	NIC							
	PAN							
	CAR							
	LAC							
MEX	CUB							
	DOR							
	FGU							
	GUA							
	HAI							
NOA	MAR							
	PUR							
	MEX							
	CAN							
	USA							
SOC	ARG							
	CHI							
	PAR							
	URU							
	TOTAL				1			375

**Table No.3**  
Measles/Rubella Suspected Cases Under Investigation  
for the Period of Weeks 01-15, 2007

Country	Pending Cases 2006	Cumulative 2007	Week of Rash Onset							
			1-10	11	12	13	14	15	Unkn.	
BOL	0	0	0	0	0	0	0	0	...	
COL	10	7	5	1	1	0	0	0	0	
ECU	0	4	1	0	0	2	1	0	0	
PER	211	169	129	19	10	6	4	1	1	
VEN	0	0	0	0	0	0	0	0	...	
BRA	928	2095	1502	170	173	141	109	...	...	
COR	0	8	6	0	1	1	0	...	...	
ELS	0	0	0	0	0	0	0	...	...	
GUT	6	4	0	0	0	0	0	4	0	
HON	0	0	0	0	0	0	0	0	0	
NIC	0	0	0	0	0	0	0	0	0	
PAN	0	0	0	0	0	0	0	0	0	
CAR	0	48	36	6	4	0	2	0	0	
LAC	0	11	0	0	0	0	0	11	0	
DOR	1	27	27	0	0	0	0	0	0	
FGU	0	0	0	0	0	0	0	...	...	
GUA	...	...	...	...	...	...	...	...	...	
HAI	17	1	1	0	0	0	0	0	0	
MAR	...	...	...	...	...	...	...	...	...	
PUR	...	...	...	...	...	...	...	...	...	
MEX	0	336	192	49	34	43	15	3	3	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	3	2	0	0	0	2	0	0	0	
CHI	0	14	7	0	1	2	1	3	3	
PAR	0	2	2	0	0	0	0	0	0	
URU	2	4	2	1	1	0	0	...	...	
TOTAL	1178	2732	1910	246	225	197	132	22	...	

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 01-15, 2007

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	76	100	100	72	60	100		
	COL	90	69	93	80	88	98		
	ECU	64	59	99	80	75	99		
	PER	95	84	88	60	1	97		
	VEN	75	89	98	71	92	100		
BRA	BRA	91	51 <sup>a</sup>	60	43	79	99		
	CAP	...	13	75	100	100	...		
	COR	...	32	100	96	96	100		
	ELS	78	87	98	79	79	91		
	GUT	94	96	96	71	88	100		
CAR	HON	100	74	98	72	98	100		
	NIC	91	81	95	65	100	97		
	PAN	99	69	90	16	97	100		
	LAC	95	100 <sup>a</sup>	100	80	100	83		
	DOR	84	70	100	56	30	...		
SOC	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	75	94	100	31	44	100		
	MAR	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...		
MEX	MEX	90	99	99	70	97	100		
	NOA	...	...	...	...	...	...		
SOC	CAN	...	...	...	...	...	...		
	USA	...	...	...	...	...	...		
	ARG	78	22	97	77	65	100		
	CHI	100	19	86	71	97	98		
	PAR	91	52	100	84	100	100		
URU	58	...	0	...	...	...			
Total and Average	88	59	70	51	80	99			

... No report received

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