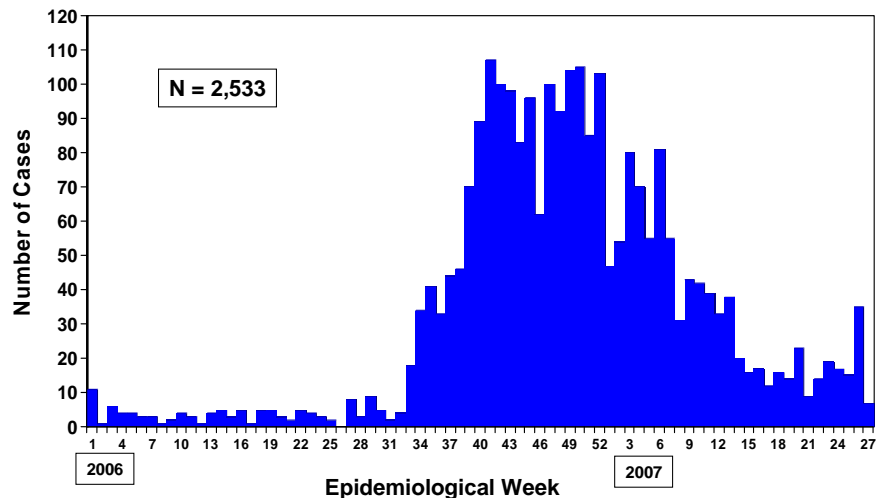




Rubella incidence in Brazil decreased dramatically following large vaccination campaigns targeting women of childbearing age in 2001-2002. However, rubella transmission and outbreaks continue to occur. In 2006, three of the country's 27 States reported outbreaks. In 2007, the number of affected States increased to eight. Most cases are occurring in Rio de Janeiro (2,137 cases since 2006) and in Minas Gerais (435 cases since 2006). Persons aged 20-39 years are the most affected group (68% of all cases). Sixty-eight percent of cases are men. Brazil is planning a mass vaccination campaign targeting men and women for 2008. This campaign aims to eliminate rubella and congenital rubella syndrome, and sustain measles elimination in Brazil.

**Confirmed Rubella Cases by Epidemiological Week, Brazil, 2006-2007\***



\*Data as of epidemiological week 27, 2007.

Source: Secretária de Vigilância em Saúde, Ministry of Health, Brazil.

**Table No.1**  
**Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-29, 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	43	0	0	0	00/40	0	0	0	06/03	4	37	...	...			
	COL	728	0	0	0	02/39	0	0	0	06/18	20	698	25	0			
	ECU	193	0	0	0	01/14	0	0	0	04/45	11	172	0	0			
	PER	839	0	0	0	00/13	0	0	0	06/45	0	502	...	...			
	VEN	913	0	23	23	07/06	0	32	32	07/28	206	647	...	...			
BRA	BRA	11397	0	0	0	06/48	39	906	945	07/28	0	8118	0	0			
	CAP	COR	18	0	0	0	05/22	0	0	0	01/42	0	0	...	...		
		ELS	66	0	0	0	01/19	0	0	0	06/43	12	54	...	...		
		GUT	248	0	0	0	98/05	0	6	6	07/28	1	233	0	0		
		HON	95	0	0	0	97/29	0	0	0	04/11	36	49	14	0		
		NIC	96	0	0	0	94/14	0	0	0	04/19	0	96	0	0		
		PAN	99	0	0	0	95/49	0	0	0	02/48	2	93	1	0		
		CAR	189	0	0	0	98/23	0	0	0	01/27	2	97	0	0		
		LAC	CUB	483	0	0	0	93/27	0	0	0	04/06	0	443	0	0	
		DOR	108	0	0	0	01/23	0	0	0	06/44	0	0	...	...		
FGU	9	0	0	0	...	0	0	0	...	0	1	...	...				
GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
HAI	23	0	0	0	01/39	0	0	0	06/47	0	20	4	0				
MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
MEX	MEX	2333	0	0	0	06/49	1	39	39	07/23	0	2006	0	0			
NOA	CAN	...	0	77	77	07/28	0	1	1	07/15	...	...	...	...			
	USA	...	0	21	21	07/27	...	9	9	07/17	...	...	0	0			
SOC	ARG	78	0	0	0	00/11	0	0	0	04/50	0	72	0	0			
	CHI	374	0	0	0	03/19	0	157	157	07/29	0	189	137	0			
	PAR	239	0	0	0	98/44	0	0	0	05/21	9	228	1	0			
	URU	9	0	0	0	99/08	0	0	0	01/37	0	1	0	0			
<b>TOTAL</b>		<b>18580</b>	<b>0</b>	<b>121</b>	<b>121</b>	<b>-</b>	<b>40</b>	<b>1150</b>	<b>1189</b>	<b>-</b>	<b>303</b>	<b>13756</b>	<b>182</b>	<b>0</b>			

... 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 01-29, 2007

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							26
BRA	BRA							945
	CAP							
	COR							
	ELS				6			
	GUT							
CAR	HON							
	NIC							
	PAN							
	LAC							
	CUB							
MEX	DOR							
	FGU							
	GUA							
	HAI							
	MAR							
NOA	PUR							
	MEX							39
	CAN	4	1	57	1			
	USA	8	4					
	SOC	ARG						
CHI								128
PAR								
URU								
TOTAL		12	5	57	7		167	971

**Table No.3**  
Measles/Rubella Suspected Cases Under Investigation  
for the Period of Weeks 01-29, 2007

Country	Pending Cases 2006	Cumulative 2007	Week of Rash Onset							Unkn.
			1-24	25	26	27	28	29		
BOL	0	2	2	0	0	0	...	...		
COL	6	10	7	2	0	1	0	0		
ECU	0	10	1	0	2	1	4	2		
PER	2	337	211	40	37	37	5	6	1	
VEN	0	5	1	1	3	0	0	...		
BRA	132	2334	1854	167	121	93	99	...		
COR	0	18	17	0	0	0	0	0	1	
ELS	0	0	0	0	0	0	0	0		
GUT	0	8	1	2	4	0	0	0	1	
HON	0	10	5	1	0	1	1	2		
NIC	0	0	0	0	0	0	0	...		
PAN	0	4	3	0	0	0	0	1		
CAR	0	90	60	8	10	6	5	1		
LAC	0	40	0	0	0	0	0	40		
DOR	0	108	104	4	0	0	0	...		
FGU	0	1	0	0	0	0	0	0	1	
GUA	...	...	...	...	...	...	...	...		
HAI	0	3	2	0	1	0	0	0		
MAR	...	...	...	...	...	...	...	...		
PUR	...	...	...	...	...	...	...	...		
MEX	0	287	197	27	32	19	5	7		
CAN	...	...	...	...	...	...	...	...		
USA	...	...	...	...	...	...	...	...		
ARG	0	6	0	0	2	0	2	1	1	
CHI	0	74	26	11	22	5	8	2		
PAR	0	2	2	0	0	0	0	0		
URU	0	8	8	0	0	0	0	0		
TOTAL	140	3357	2501	263	234	163	129	62	5	

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 01-29, 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	77	98	100	71	68	100		
	COL	88	68	96	80	89	98		
	ECU	69	55	99	81	77	99		
	PER	97	92	96	91	9	93		
	VEN	76	91	99	67	75	99		
BRA	BRA	91	56 <sup>a</sup>	63	44	90	98		
	CAP	...	65	89	89	83	...		
	COR	...	35	100	89	91	95		
	ELS	80	56	76	80	91	81		
	GUT	...	99	96	88	88	100		
CAR	HON	93	73	99	75	93	99		
	NIC	100	78	98	64	93	99		
	PAN	91	69	93	14	96	98		
	LAC	99	100 <sup>a</sup>	100	90	100	92		
	CUB	97	62	98	59	67	...		
MEX	DOR	83	...	...	...	...	...		
	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	79	96	100	22	39	100		
	MAR	...	...	...	...	...	...		
NOA	PUR	...	...	...	...	...	...		
	MEX	94	99	97	83	87	99		
	CAN	...	...	...	...	...	...	2	
	USA	...	...	...	...	...	...		
	SOC	ARG	88	17	96	73	73	100	
CHI		97	36	82	78	98	99		1
PAR		90	55	100	85	100	100		
URU		57	...	0	...	...	...		
Total and Average		90	66	76	57	85	98		

... No report received

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