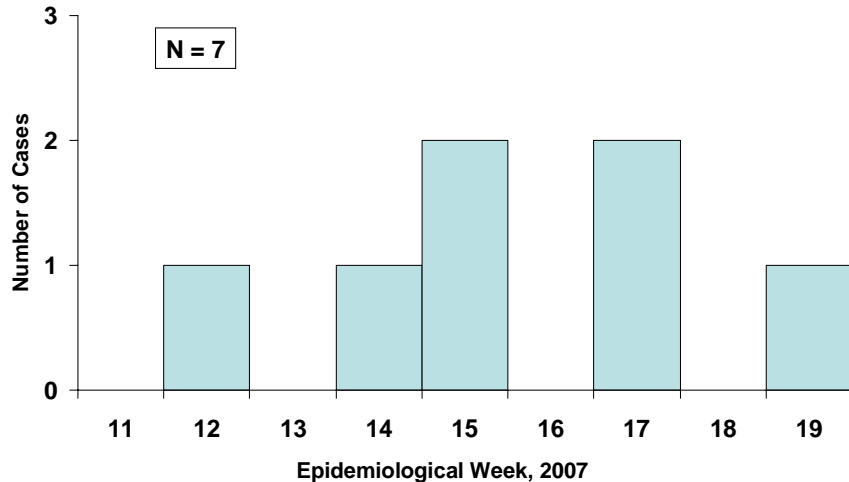




Chile has confirmed a rubella outbreak in the Metropolitan Region (where the capital city Santiago is located). As of 11 May 2007, 7 cases have been confirmed. All cases are males aged 21-24 years. Chile conducted a successful mass vaccination campaign targeting women of childbearing age in 1999. In 2005, a rubella outbreak affected an armed force institution resulting in 47 confirmed cases; only one of them was female. The genotype isolated in 2005 was 1C. No cases occurred in 2006. Chile's Ministry of Health has intensified surveillance and is conducting active case searches and vaccination activities to control the outbreak. Samples for viral detection are being processed to identify the rubella virus genotype responsible for the current outbreak.

### Confirmed Rubella Cases, Chile, 2007



Source: Epidemiology Department, Ministry of Health, Chile (<http://epi.minsal.cl/>).

**Table No.1**  
**Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-19, 2007**

Subregion and Country	Suspect Cases 2007	Measles Confirmed 2007			Year/Week Last Confir. Measles Case	Rubella Confirmed 2007			Year/Week Last Confir. Rubella Case	Diagnosis of Discarded Cases 2007		Congenital Rubella Syndrome		CRI *	
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.		
AND	BOL	28	0	0	00/40	0	0	0	06/03	4	23	...	...		
	COL	404	0	0	02/39	0	0	0	06/18	12	382	13	0		
	ECU	121	0	0	01/14	0	0	0	04/45	10	108	0	0		
	PER	391	0	0	00/13	0	0	0	06/45	0	152	...	...		
	VEN	449	0	23	07/06	0	11	11	07/18	115	299	...	...		
BRA	BRA	7569	0	0	06/48	7	579	586	07/19	0	4867	0	0		
CAP	COR	8	0	0	05/22	0	0	0	01/42	0	0	...	...		
	ELS	40	0	0	01/19	0	0	0	06/43	6	34	...	...		
	GUT	141	0	0	98/05	0	1	1	07/15	1	139	0	0		
	HON	41	0	0	97/29	0	0	0	04/11	8	33	9	0		
	NIC	68	0	0	94/14	0	0	0	04/19	0	67	0	0		
	PAN	51	0	0	95/49	0	0	0	02/48	2	49	1	0		
CAR	CAR	114	0	0	98/23	0	0	0	01/27	2	97	0	0		
LAC	CUB	221	0	0	93/27	0	0	0	04/06	0	126	0	0		
	DOR	51	0	0	01/23	0	0	0	06/44	0	0	...	...		
	FGU	7	0	0	...	0	0	0	...	0	7	...	...		
	GUA	...	...	...	...	...	...	...	...	...	...	...	...		
	HAI	19	0	0	01/39	0	0	0	06/47	0	17	0	0		
	MAR	...	...	...	...	...	...	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...	...	...	...	...	...	...		
MEX	MEX	1457	0	0	06/49	0	25	25	07/15	0	1133	0	0		
NOA	CAN	...	0	6	07/18	0	1	1	07/15	...	...	...	...		
	USA	...	0	11	07/18	0	7	7	07/17	...	...	0	0		
SOC	ARG	46	0	0	00/11	0	0	0	04/50	0	43	0	0		
	CHI	112	0	0	03/19	0	7	7	07/17	0	88	86	0		
	PAR	174	0	0	98/44	0	0	0	05/21	9	163	1	0		
	URU	6	0	0	99/08	0	0	0	01/37	0	1	0	0		
TOTAL		11518	0	40	40	-	7	631	638	-	169	7828	110	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 01-19, 2007

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							9
BRA	BRA							586
	CAP	COR						
		ELS						
		GUT				1		
		HON						
CAR	NIC							
	PAN							
	LAC	CAR						
		CUB						
		DOR						
MEX	FGU							
	GUA							
	HAI							
	MAR							
	PUR							
NOA	MEX				1		25	
	CAN	4		2				
SOC	USA	7	4					
	ARG							
	CHI						7	
	PAR							
URU								
TOTAL		11	4	2	2		32	595

**Table No.3**  
Measles/Rubella Suspected Cases Under Investigation  
for the Period of Weeks 01-19, 2007

Country	Pending Cases 2006	Cumulative 2007	Week of Rash Onset							Unkn.
			1-14	15	16	17	18	19		
BOL	0	1	0	0	0	0	1	0		
COL	10	10	4	1	3	1	1	0		
ECU	0	3	1	1	0	1	0	0		
PER	107	239	172	23	21	13	7	3		
VEN	0	1	1	0	0	0	0	...		
BRA	663	2116	1614	129	160	114	99	...		
COR	0	8	8	...	...	...	...	...		
ELS	0	0	0	0	0	0	...	...		
GUT	6	0	0	0	0	...	...	...		
HON	0	0	0	0	0	0	0	0		
NIC	0	1	0	0	0	1	0	0		
PAN	0	0	0	0	0	0	0	0		
CAR	0	15	4	1	0	1	8	1		
CUB	0	95	0	0	0	0	39	56		
DOR	1	51	51	0	0	0	0	0		
FGU	0	0	0	0	0	0	...	...		
GUA	...	...	...	...	...	...	...	...		
HAI	0	2	0	0	2	0	0	0		
MAR	...	...	...	...	...	...	...	...		
PUR	...	...	...	...	...	...	...	...		
MEX	0	299	172	23	30	32	28	14		
CAN	...	...	...	...	...	...	...	...		
USA	...	...	...	...	...	...	...	...		
ARG	3	3	2	1	0	0	0	0		
CHI	0	17	9	0	2	3	2	1		
PAR	0	2	2	0	0	0	0	0		
URU	2	5	5	0	0	0	0	0		
TOTAL	792	2868	2045	179	218	166	185	75		

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 01-19, 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	74	59	100		
	COL	90	74	95	83	90	97		
	ECU	65	57	98	77	80	99		
	PER	96	90	92	66	3	93		
	VEN	75	93	99	66	94	99		
BRA	BRA	91	50 <sup>a</sup>	53	43	80	99		
	CAP	COR	...	13	75	100	100	...	
		ELS	79	28	100	95	90	98	
		GUT	...	89	98	80	84	92	
		HON	92	98	100	78	95	100	
CAR	NIC	100	74	99	72	94	100		
	PAN	91	80	96	69	100	98		
	LAC	CAR	98	81	92	14	96	98	
		CUB	96	100 <sup>a</sup>	100	90	100	57	
		DOR	85	71	100	53	45	...	
MEX	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	77	95	100	26	47	100		
	MAR	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...		
NOA	MEX	89	99	99	80	92	100		
	CAN	...	...	...	...	...	3		
SOC	USA	...	...	...	...	...	...		
	ARG	82	23	96	75	69	100		
	CHI	100	22	89	71	97	99	1	
	PAR	90	54	100	83	100	100		
URU	57	...	0	...	...	...			
Total and Average		88	62	68	54	81	98		

... No report received

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