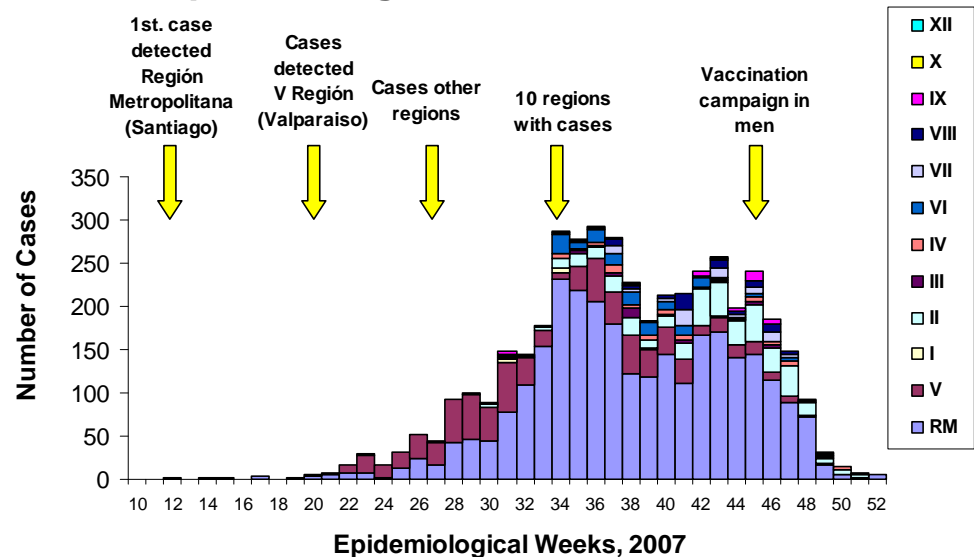




Rubella Cases by Region, Chile, Epidemiological Weeks 12-52, 2007

Between March and December 2007, Chile experienced a rubella outbreak that resulted in 4,337 confirmed cases (data as of 9 January 2008). The genotype identified was 2B, the same type currently circulating in Europe. Ninety-six percent of cases were male and 80% were aged between 19 and 30 years. Between 5 November and 14 December, Chile conducted a mass rubella-measles vaccination campaign targeting men aged 19 to 29 years.



Source: Epidemiology Department, Ministry of Health of Chile
<http://epi.minsal.cl/epi/html/Actualidad/Nacional/BroteRubeola2007.pdf>

Table No.1
Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Week 01, 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	...	...	...	...	00/40	...	...	...	06/03	...	...	...	...	...
	COL	1	0	0	0	02/39	0	0	0	07/31	0	1	0	0	0
	ECU	...	...	...	...	01/14	...	...	...	04/45	...	...	...	...	...
	PER	...	...	...	...	00/13	...	...	...	06/45	...	...	...	...	...
VEN	...	0	0	0	0	07/06	0	0	0	07/34	0	0	...	...	...
	...	...	...	...	...	06/48	...	...	...	07/51	...	...	...	...	...
BRA	...	...	...	...	...	05/22	...	...	...	01/42	...	...	...	...	...
	...	...	...	...	...	01/19	...	...	...	06/43	...	...	...	...	...
GUT	...	0	0	0	0	98/05	0	0	0	06/30	0	0	...	...	...
	...	0	0	0	0	97/29	0	0	0	04/11	0	0	...	...	...
HON	...	...	...	...	...	94/14	...	...	...	04/19	...	...	...	...	...
	...	...	...	...	...	95/49	0	0	0	02/48	0	2	0	0	0
CAR	...	0	0	0	0	98/23	0	0	0	01/27	0	0	0	0	0
	...	0	0	0	0	93/27	0	0	0	04/06	0	0	...	...	...
LAC	...	0	0	0	0	01/23	0	0	0	06/44	0	0	...	...	...

FGU	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	0	0	0	0	01/39	0	0	0	06/47	0	0	...	...	...
HAI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

MEX	...	2	0	0	0	06/49	0	0	0	07/45	...	...	...	...	...
	...	...	0	0	0	07/40	0	0	0	07/15	...	...	...	...	...
NOA	...	...	0	0	0	07/47	0	0	0	07/36	...	...	...	...	...
	...	...	0	0	0	00/11	0	0	0	07/50	0	0	...	...	...
SOC	...	2	0	0	0	00/11	0	0	0	07/50	0	0	...	...	...
	...	...	0	0	0	03/19	0	0	0	07/51	0	0	0	0	0
PAR	...	0	0	0	0	98/44	0	0	0	05/21	0	0	...	...	...
	...	0	0	0	0	99/08	0	0	0	01/37	0	0	...	...	...
URU	...	0	0	0	0	...	...	...	...	...	...	...	...	...	...

TOTAL		7	0	0	0	-	0	0	0	-	0	3	0	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 Week 01, 2008

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

Table No.3
Measles/Rubella Suspected Cases Under Investigation
for the Period of Week 01, 2008

Country	Pending Cases 2007	Cumulative 2008	Week of Rash Onset					
			01				Unkn.	
BOL	11	...	...			
COL	17	0	0					
ECU	3	...	...			
PER	629	...	...			
VEN	10	0	0					
BRA	0	...	...			
COR	61	...	...			
ELS	0	...	...			
GUT	5	0	0					
HON	1	0	0					
NIC	0	...	...			
PAN	2	0	0					
CAR	70	0	0					
CUB	0	0	0					
DOR	86	0	0					
FGU	0	...	...			
GUA	0	...	...			
HAI	0	...	...			
MAR	0	...	...			
PUR	0	...	...			
MEX	0	2	2					
CAN	0	...	...			
USA	0	...	...			
ARG	1	2	2					
CHI	1102	0	0					
PAR	0	0	0					
URU	21	0	0					
TOTAL	2019	4	4					

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 Week 01, 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	...	...	...	...	...	...
	COL	100	0	100	100	100	100		
	ECU	...	...	...	...	...	...
	PER	...	...	...	...	...	...
	VEN	...	...	...	...	...	...
BRA	BRA	...	...	...	...	...	...
CAP	COR	...	...	...	...	...	...
	ELS	...	...	...	...	...	...
	GUT	...	...	...	...	...	...
	HON	91	...	...	...	...	...
	NIC	...	...	...	...	...	...
	PAN	80	0	100	100	100	100		
CAR	CAR	99	...	...	...	...	...
LAC	CUB	97	0	0	0	0	0		
	DOR	...	...	...	...	...	...
	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	...	...	...	...	...	...
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
MEX	MEX	100	100 ^a	100	0	0	0		
NOA	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
SOC	ARG	100	100	50	100	100	...		
	CHI	100	...	...	...	...	...
	PAR	91	...	...	...	...	...
	URU	...	...	...	...	...	...
Total and Average		99	100	86	100	100	100		

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

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