



Measles/Rubella Weekly Bulletin

Comprehensive Family Immunization Project/Family and Community Health Area



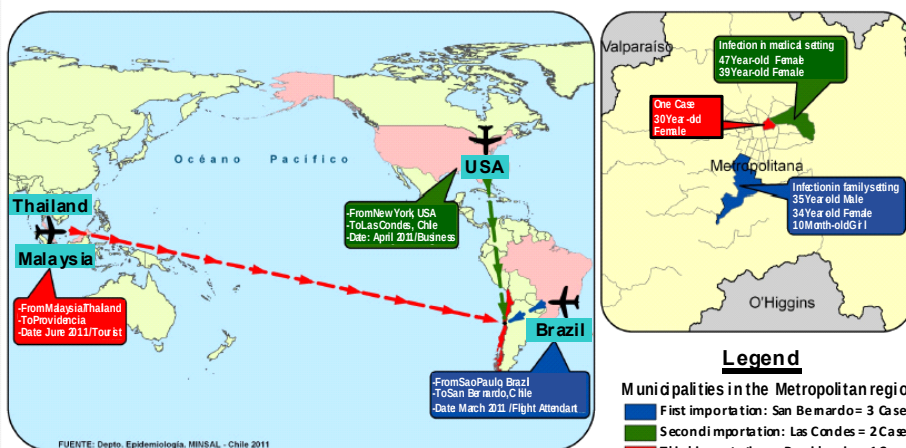
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Measles and Rubella Surveillance in the Americas

Week ending
16 July 2011

Route of importation of measles cases to Chile, 2011

The increase in measles virus circulation in European countries, and in other regions of the world, has heightened the risk of importations to the Americas. Up to epidemiological week 28, 866 confirmed cases have been reported in the Region of the Americas; a marked increase from the 253 cases in all of 2010. As a result, the source of infection for some of these cases in countries like Chile has been other countries in the Region (Brazil and USA). The timely specimen collection for viral isolation has allowed for the identification of the virus genotype as D4, therefore, documenting that the cases reported in Chile were importations.



3 importations: 1 from Asia (D9), 1 from Brazil (D4) with 2 secondary cases, and 1 from United States (D4) with 1 secondary case.

Data as of epidemiological week 24
Source: Ministry of Health, Chile

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-28, 2011

Subregion and Country	Susp. Cases 2011	Measles Confirmed 2011			Year/Week Last Conf. Measles case	Rubella Confirmed 2011			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2011		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRS*	
AND	BOL	82	0	0	0	00/40	0	0	0	06/03	2	76	...	...	...
	COL	795	0	0	0	02/39	0	0	0	09/18	0	744	136	0	...
	ECU	340	0	0	0	08/26	0	0	0	04/45	40	163	0	0	...
	PER	366	0	0	0	08/18	0	0	0	06/45	0	337	...	...	2007/16
	VEN	53	0	0	0	07/07	0	0	0	10/03	6	24	0	0	...
BRA	BRA	3852	0	18	18	11/22	0	0	0	09/41	0	3192	0	0	...
CAP	COR	0	0	0	0	05/22	0	0	0	01/42	...	...	0	0	...
	ELS	198	0	0	0	01/19	0	0	0	06/30	4	194	46	0	...
	GUT	132	0	0	0	98/05	0	0	0	06/30	6	100	0	0	...
	HON	38	0	0	0	97/29	0	0	0	04/11	3	32	16	0	...
	NIC	71	0	0	0	94/14	0	0	0	04/19	0	69	...	...	...
	PAN	155	0	4	4	11/20	0	0	0	02/48	2	136	0	0	...
CAR	CAR	206	0	0	0	08/21	0	0	0	08/18	0	0	0	0	...
LAC	CUB	564	0	0	0	93/27	0	0	0	04/06	...	564	0	0	...
	DOR	64	0	1	1	11/18	0	0	0	06/44	0	58	0	0	...
	FGU	...	0	4	4	10/15	0	0	0	10/06	...	...	...	...	...
	GUA	...	...	11	11 ^c	11/18	...	...	...	...	...	...	...	...	...
	HAI	...	0	0	0	01/39	0	0	0	06/47	...	...	...	...	...
	MAR	...	...	2	2	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	1549	0	1	1	06/49	0	0	0	08/20	0	1124	...	...	...
NOA	CAN	...	...	634	634 ^a	11/23	0	0	0	10/17	...	...	1	1 ^b	...
	USA	...	...	182	182 ^a	11/23	0	4	4	11/18	...	...	0	0	...
SOC	ARG	93	...	3	3	11/12	...	0	0	09/05	0	8	19	0	...
	CHI	287	0	6	6	11/16	0	2	2	11/25	0	235	23	0	...
	PAR	309	0	0	0	98/44	0	0	0	05/21	8	301	0	0	...
	URU	0	0	0	0	99/08	0	0	0	01/37	0	0	0	0	...
TOTAL		9154	0	866	866	--	0	6	6	--	71	7357	241	1	0

... No report received; * Congenital Rubella Infection; (a) Provisional data; (b) imported;

(c) Five cases have been notified in the island of Saint Martin (1 import and 4 import-related), For the surveillance of vaccine-preventable diseases, Saint Martin reports cases to Guadeloupe's Regional Agency of Health.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-28, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA	8	10						
CAP	COR								
	ELS								
	GUT								
	HON								
	NIC								
CAR	PAN	4							
LAC	CAR								
	CUB								
	DOR	1							
	FGU	2	2						
	GUA	3	8						
	HAI								
	MAR	2							
	PUR								
MEX	MEX	1							
NOA	CAN	19	22		593				
	USA	85	79		18	2	1		1
SOC	ARG	1	2						
	CHI	3	3			1	1		
	PAR								
	URU								
TOTAL		129	126		611	3	2		1

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-28, 2011

I: Imported; IR: Import-related; CAC: Country-acquired case
U: Unknown.

... No report received

Table 4.
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-28, 2011

Subregion and Country		Sites Reporting Weekly		% Cases with Adequate Investigation	% Cases with Adequate Sample	% Blood Samples Received in Lab. ≤5 days	% Lab. Results ≤4 days	Rate of Suspected Cases Last 52 weeks (2010/29-2011/28)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	99	91	92	1.3	0.0
	COL	4827	0	72	91	93	94	4.7	1.5
	ECU ^a	1885	...	76	99	99	69	5.5	0.0
	PER	3703	...	76	97	75	75	1.3	0.0
	VEN ^a	3283	...	79	89	72	32	1.2	0.0
BRA	BRA	...	77	94	...	97	...	4.5	0.0
CAP	COR ^a	57	...	0	0	0	0	0.5	0.0
	ELS ^a	893	...	76	99	96	80	5.0	3.8
	GUT ^a	1506	20	95	96	97	89	2.2	0.0
	HON ^a	469	94	63	100	100	92	1.0	0.8
	NIC	185	...	87	100	93	90	1.8	0.0
	PAN ^a	202	...	61	94	94	88	5.3	0.0
CAR	CAR ^a	130	0	75	93	92	89	5.5	0.0
LAC	CUB	444	...	100	100	100	100	7.7	0.0
	DOR	251	...	47	89	71	55	1.1	0.0
	FGU	...	...	...	...	...	...	0.0	...
	GUA	...	...	...	...	...	...	...	...
	HAI	76	...	...	...	...	...	0.0	0.0
	MAR	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...
MEX	MEX	...	...	98	...	...	...	1.6	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG ^a	409	...	11	83	65	42	0.2	0.3
	CHI	569	99	19	81	80	98	2.1	0.9
	PAR ^a	208	...	50	98	86	99	6.0	0.0
	URU ^a	155	...	0	...	...	...	0.4	0.0
Total and Average		21909	75	85	94	94	87	3.0	0.2

... No report received

(a) Countries using ISIS