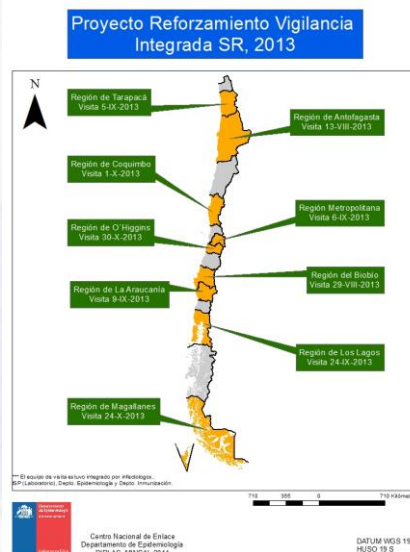


Measles/Rubella Weekly Bulletin



Strengthening surveillance systems: the Chilean example

- Due to the low reporting rate of suspected cases by the measles-rubella surveillance system, the Chilean MOH conducted site visits to 9 Health Departments.
- Emphasis was given to increasing the reporting rate, and to implement active search cases periodically.



Source: Chilean Ministry of Health (MOH)

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-08, 2014

Subregion and Country	Susp. Cases 2014	Measles Confirmed 2014			Year/Week Last Conf. Measles case	Rubella Confirmed 2014			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2014		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	7	0	0	0	2000/40	0	0	0	2006/03	0	4	0	...	...	...
	COL	58	0	0	0	2013/25	0	0	0	2012/42	0	43	47	0	0	2005/34
	ECU	0	...	...	...	2012/28	...	...	...	2004/45	0	0	0	...	...	...
	PER	55	0	0	0	2008/18	0	0	0	2006/45	0	37	0	0	...	2007/16
BRA	VEN	0	...	...	...	2012/16	...	...	...	2007/51	0	0	0	...	...	...
	BRA	628	0	100	100	2014/07	0	0	0	2009/41	0	185	3	0	...	2009/34
	CRI	2	0	0	0	2005/22	0	0	0	2001/42	0	0	0	0	...	...
	GTM	17	0	0	0	1998/05	0	0	0	2006/30	1	14	1	...	...	2005/00
CAR	HND	5	0	0	0	1997/29	0	0	0	2004/11	0	0	2	0	0	2001/00
	NIC	7	0	0	0	1994/14	0	0	0	2004/19	0	5	3	0	...	2005/00
	PAN	64	0	0	0	2011/20	0	0	0	2002/48	0	63	0	...	...	...
	SLV	83	0	0	0	2001/19	0	0	0	2006/30	0	0	0	0	...	2001/00
LAC	CAR	51	0	0	0	2011/48	0	0	0	2008/18	0	28	0	...	...	1999/00
	CUB	69	0	0	0	1993/27	0	0	0	2004/06	0	69	0	0	...	...
	DOM	3	0	0	0	2011/18	0	0	0	2006/44	0	3	0	...	...	...
	GLP	...	0	0	0	2011/28	0	0	0	...	...	...	...	0	0	2005/00
MEX	GUF	...	0	0	0	2011/26	0	0	0	2010/06	...	...	...	0	0	...
	HTI	27	0	0	0	2001/39	0	0	0	2006/21	0	0	1	0	0	...
	MTQ	...	0	0	0	2011/27	0	0	0	...	...	...	...	0	0	...
	PRI	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NOA	MEX	143	0	0	0	2011/12	0	0	0	2012/49	0	139	0	0	0	...
	CAN	...	0	20	20 ^a	2014/07	0	0	0	2013/15	0	0	0	0	...	2011/12
SOC	USA	...	...	14	14 ^a	2014/02	0	0	0	2013/48	...	...	...	...	...	2012/44
	ARG	29	0	0	0	2012/20	0	0	0	2011/20	0	16	8	...	...	2009/27
	CHL	25	0	0	0	2011/25	0	0	0	2011/25	0	14	0	0	0	...
	PRY	38	0	0	0	1998/44	0	0	0	2005/21	0	31	2	0	0	2003/06
URY	...	...	...	...	1999/08	...	...	...	2001/37	0	0	0	...	...	...
TOTAL	1311	0	134	134	--	0	0	0	--	1	651	67	0	0	0	--

*Congenital Rubella Infection; (a) Provisional data;

...No report received



Measles/Rubella Surveillance

Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-08, 2014

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA				100				
	CAP								
	CRI								
	GTM								
	HND								
CAR	NIC								
	PAN								
	SLV								
	CAR								
	LAC								
	CUB								
	DOM								
	GLP								
	GUF								
	HTI								
MEX	MTQ								
	PRI								
	MEX								
NOA	CAN	6	9		5				
	USA	13			1				
SOC	ARG								
	CHL								
	PRY								
	URY								
TOTAL		19	9	0	106	0	0	0	0

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

Table No.3

Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-08, 2014

Country	Pending Cases 2013	Cumulative 2014	Week of Onset							% Pend.Cases	
			1-3	4	5	6	7	8			
BOL	0	3	1	1	1	0	0	0	43		
COL	66	15	14	1	0	0	0	0	26		
ECU	...	...	...	...	...	...	...	...	...
PER	21	18	8	2	2	2	4	0	33		
VEN	154	0	0	0	0	0	0	0	0		
BRA	409	343	...	...	...	...	...	...	54
CRI	3	2	2	0	0	0	0	0	100		
GTM	14	2	1	0	0	1	0	0	12		
HND	1	0	0	0	0	0	0	0	0		
NIC	0	2	1	1	0	0	0	0	29		
PAN	3	1	0	0	0	0	0	1	2		
SLV	367	83	22	10	16	15	14	6	100		
CAR	101	23	10	3	1	3	4	2	45		
CUB	0	0	0	0	0	0	0	0	...		
DOM	17	0	0	0	0	0	0	0	0		
GLP	0	0	0	0	0	0	0	0	0		
GUF	0	0	0	0	0	0	0	0	0		
HTI	119	27	6	3	8	2	8	0	100		
MTQ	0	0	0	0	0	0	0	0	0		
PRI	...	...	...	...	...	...	...	...	...
MEX	35	1	1	0	0	0	0	0	1		
CAN	0	0	0	0	0	0	0	0	...		
USA	0	0	0	0	0	0	0	0	...		
ARG	84	13	4	3	1	4	0	1	45		
CHL	50	11	2	0	2	2	4	1	44		
PRY	6	7	1	2	4	0	0	0	18		
URY	0	0	0	0	0	0	0	0	...		
TOTAL			1450	551	73	26	35	29	34	11	42

... No report received

Table 4.

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-08, 2014

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 (2013/09-2014/08)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	...	...	100	100	57	29	1.2	0.8
	COL	5257	93	45	83	83	94	4.6	4.2
	ECU	2184	...	0	0	0	0	0.0	0.0
	PER	...	...	85	91	59	36	1.5	0.0
	VEN	13092	0	0	0	0	0	1.6	0.1
BRA	BRA	12382	78	99	...	84	...	2.6	0.4
	CAP	57	...	0	100	100	100	0.5	0.0
	GTM	1506	49	41	88	65	65	2.1	0.1
	HND	469	95	60	100	100	100	2.0	2.4
	NIC	185	...	71	100	86	100	2.9	2.9
CAR	PAN	223	70	92	97	72	91	5.7	0.3
	SLV	893	0	16	24	55	100	6.3	0.0
	CAR	759	56	4	47	8	79	4.4	0.0
	LAC	150	100	100	100	100	100	10.4	0.0
	CUB	166	...	33	100	100	33	0.8	0.0
	GLP	...	...	...	...	...	...	0.4	...
	GUF	...	...	...	...	...	...	0.4	...
	HTI	116	97	89	96	13	8	3.8	1.9
	MTQ	...	...	...	...	...	...	0.0	...
	PRI	...	...	...	...	...	...	...	...
MEX	MEX	11138	...	98	...	...	...	3.8	...
	NOA	CAN	...	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...	...	...
	ARG	779	0	24	97	50	15	0.8	1.6
	CHL	711	98	48	56	100	100	1.0	4.6
	PRY	970	93	63	84	90	97	5.0	0.3
URY	155	...	...	...	...	...	...	0.0	0.0
Total and Average*		51192	80	82	76	75	78	2.8	0.8

*Weighted