



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
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Immunization Newsletter: Over 30 Years Reaching Every Corner of the Americas



Launch of electronic book that compiles 2,500 articles published in PAHO's Immunization Newsletter since 1979

"Thirty years of the *Immunization Newsletter*: The history of the EPI in the Americas" compiles over 2,500 articles on immunization published since 1979. This book will take you from the early implementation of the Expanded Program on Immunization (EPI) in the Americas to the current efforts to sustainably introduce new vaccines. You will read about the regional polio, measles and rubella elimination initiatives, from their conception to their achievement, and of the many experiences and lessons learned that have made the Immunization Program of the Americas one of the most successful life-saving initiatives in the world.

With publication of this e-book, the Immunization Newsletter relaunches its electronic and paper subscriptions for all those who are interested in knowing about the advances and challenges of vaccination in the Americas.

To subscribe: http://new.paho.org/hq/index.php?option=com_content&task=view&id=3130&Itemid=3504&lang=en

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Links:

Book *Thirty Years of the Immunization Newsletter: History of the Expanded Program on Immunization in the Americas*:

www.paho.org/inb

Immunization Newsletter: www.paho.org/immunization/newsletter (English)

PAHO Immunization: www.paho.org/immunization

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-27, 2011

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-27, 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.	CRIS*	
AND	BOL	82	0	0	0	00/40	0	0	0	06/03	2	76	...	...	...	...
	COL	748	0	0	0	02/39	0	0	0	09/18	0	691	122	0	...	2005/34
	ECU	399	0	0	0	08/26	0	0	0	04/45	40	163	0	0	0	...
	PER	399	0	0	0	08/18	0	0	0	06/45	0	337	...	...	...	2007/16
	VEN	25	0	0	0	07/07	0	0	0	10/03	5	11	0	0	0	...
	BRA	3555	0	18	18	11/22	0	0	0	09/41	0	2938	0	0	...	2009/34
CAP	COR	0	0	0	0	05/22	0	0	0	01/42	0	0	0	0	0	...
	ELS	198	0	0	0	01/19	0	0	0	06/30	4	194	46	0	0	2001/xx
	GUT	132	0	0	0	98/05	0	0	0	06/30	6	100	0	0	0	2005/00
	HON	35	0	0	0	97/29	0	0	0	04/11	3	32	14	0	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	0	1999/xx
CAR	CAR	197	0	0	0	08/21	0	0	0	08/18	0	0	0	0	0	...
	CUB	564	0	0	0	93/27	0	0	0	04/06	0	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	1549	0	0	0	06/49	0	0	0	08/20	0	1124	...	...	...	...
NOA	CAN	...	...	460	460 ^a	11/23	0	0	0	10/17	...	...	1	1 ^b	...	...
	USA	...	...	174	174 ^a	11/23	0	4	4	11/18	...	...	0	0	...	...
SOC	ARG	93	...	3	3	11/12	...	0	0	11/05	0	8	19	0	0	...
	CHI	271	0	6	6	11/16	0	1	1	11/25	0	204	23	0	...	...
	PAR	300	0	0	0	98/44	0	0	0	05/21	8	292	0	0	0	...
	URU	0	0	0	0	99/08	0	0	0	01/37	0	0	0	0	0	...
TOTAL		8837	0	683	683	--	0	5	5	--	70	6997	225	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 01-27, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA	7	10						
CAP	COR								
	ELS								
	GUT								
	HON								
	NIC								
	PAN		4						
CAR	CAR								
LAC	CUB								
	DOR	1							
	FGU	2	2						
	GUA	3	8						
	HAI								
	MAR	2							
	PUR								
MEX	MEX								
NOA	CAN	19	22		419				
	USA	79	79		16	2	1		1
SOC	ARG	1	2						
	CHI	2	4						1
	PAR								
	URU								
TOTAL		120	127		435	2	1		2

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-27, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset						
			1-22	23	24	25	26	27	% Pend.Cases
BOL	0	4	3	0	0	0	1	0	5
COL	29	57	48	7	2	0	0	0	8
ECU	0	14	10	1	2	1	0	0	4
PER	16	22	12	2	0	7	0	...	6
VEN	2	9	9	0	0	...	...	...	36
BRA	67	616	410	53	62	61	30	...	17
COR	0	0	0	0	0	0	0	0	0
ELS	0	0	0	0	0	0	0	0	0
GUT	0	24	23	1	0	0	0	0	18
HON	0	0	0	0	0	0	0	0	0
NIC	0	2	0	1	0	1	0	0	3
PAN	1	13	6	2	1	0	3	1	8
CAR	0	197	175	8	5	4	4	1	100
CUB	0	0	0	0	0	0	0	0	0
DOR	3	5	5	0	0	0	0	0	8
FGU	0	0	0	...	...	...	...	...	0
GUA	...	...	...	...	...	...	...	...	...
HAI	21	...	...	...	...	...	...	...	...
MAR	...	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...	...
MEX	0	167	163	3	2	...	...	...	11
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	82	82	0	0	0	...	...	88
CHI	15	61	43	9	4	4	0	...	23
PAR	1	0	0	0	0	0	0	0	0
URU	2	0	0	0	0	0	0	0	0
TOTAL		157	1273	989	87	78	38	2	14

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 01-27, 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 (2010/28-2011/27)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	0	100	99	91	92	1.3	0.0
	COL	4827	0	74	91	92	93	4.7	1.4
	ECU ^a	1885	39	76	99	99	69	5.6	0.0
	PER	3703	0	76	97	75	75	1.4	0.0
	VEN ^a	3283	...	96	100	80	32	1.2	0.0
BRA	BRA	...	91	94	...	97	...	4.4	0.0
CAP	COR ^a	57	...	0	0	0	0	0.5	0.0
	ELS ^a	893	0	76	99	96	80	5.1	3.8
	GUT ^a	1506	8	95	96	97	89	2.2	0.0
	HON ^a	469	93	66	100	100	91	1.0	0.7
	NIC	185	100	63	100	93	90	1.9	0.0
	PAN ^a	202	89	61	94	94	88	5.0	0.0
CAR	CAR ^a	130	0	78	97	92	89	5.5	0.0
LAC	CUB	444	...	100	100	100	100	8.1	0.0
	DOR	251	0	47	89	71	55	1.2	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	80	81	97	2.0	0.9
	PAR ^a	208	0	24	98	86	99	5.9	0.0
	URU ^a	155	0	0	0	0	0	0.4	0.0
Total and Average		22291	75	86	95	94	87	3.0	0.2

... No report received; (a) Countries using ISIS.