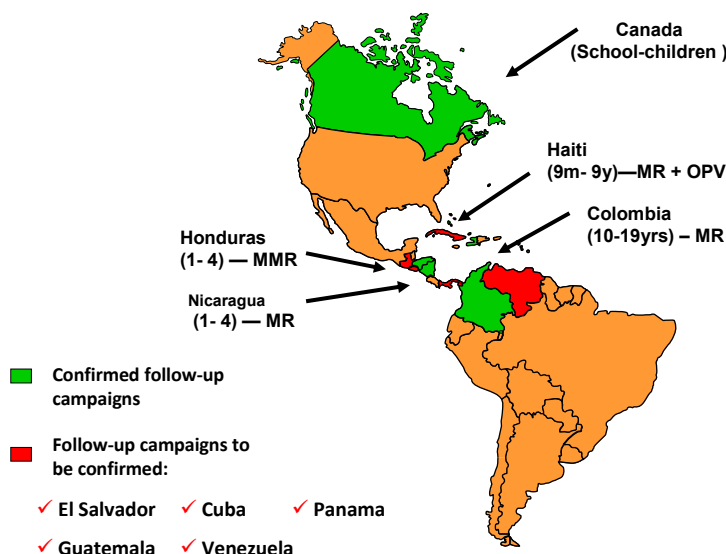




High-quality Follow-up Campaigns and Rapid Coverage Monitoring, The Americas, 2012

Many countries in the Americas will implement high-quality follow-up campaigns in 2012 in their efforts to fight the accumulation of measles and rubella susceptible populations. The Pan American Health Organization (PAHO) has highlighted the importance of maintaining a rigorous surveillance of these susceptible populations, focusing particularly on high-risk areas that share the following main characteristics:

- High tourist or migratory flows (emigration or immigration)
- Located on a high-traffic border
- Difficult to reach geographically, culturally, or socioeconomically
- Densely populated, especially those with fringe settlements
- Dedicated to commerce/trade (fairs, markets, etc.) or highly industrialized areas
- With low vaccination coverage or high drop-out rates
- With epidemiological silence (not reporting)



Source: Country reports to PAHO/WHO

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-48, 2011

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-46, 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	144	0	0	0	2000/40	0	0	0	2006/03	2	139	22	0	0	...
	COL	2615	0	6	6	2011/37	0	0	0	2009/18	3	2494	260	0	0	2005/34
	ECU	604	0	139	139	2011/43	0	0	0	2004/45	51	378	0	0	0	...
	PER	820	0	0	0	2008/18	0	0	0	2006/45	8	745	0	0	0	2007/16
	VEN	510	0	0	0	2007/07	0	0	0	2007/51	61	410	0	0	0	...
	BRA	6978	0	42	42	2011/42	0	0	0	2009/41	0	6340	54	0	0	2009/34
CAP	COR	20	0	0	0	2005/22	0	0	0	2001/42	0	5	0	0	0	...
	ELS	331	0	0	0	2001/19	0	0	0	2006/30	4	327	46	0	0	2001/00
	GUT	254	0	0	0	1998/05	0	0	0	2006/30	20	209	0	0	0	2005/00
	HON	81	0	0	0	1997/29	0	0	0	2004/11	5	67	32	0	0	2002/00
	NIC	177	0	0	0	1994/14	0	0	0	2004/19	0	169	0	0	0	...
	PAN	255	0	4	4	2011/20	0	0	0	2002/48	30	205	0	0	0	...
CAR	CAR	392	0	1	1	2008/21	0	0	0	2008/18	0	321	0	0	0	1999/00
	CUB	1003	0	0	0	1993/27	0	0	0	2004/06	0	1003	0	0	0	...
	DOR	115	0	1	1	2011/18	0	0	0	2006/44	0	75	0	0	0	...
	FGU	20	0	5	5	2011/26	...	...	...	2010/06	3	12	...	...	...	...
	GUA	21	0	13	13 ^c	2011/28	0	0	0	...	0	8	...	...	...	2005/00
	HAI	37	0	0	0	2001/39	0	0	0	2006/47	0	26	0	0	...	...
	MAR	10	...	3	3	2011/27	...	...	...	...	0	7	...	...	...	...
	PUR	0	...	...	...	...	...	...	...	...	0	0	...	...	...	...
	MEX	6087	0	3	3	2011/12	0	0	0	2008/20	0	5753	0	0	0	...
NOA	CAN	0	75	711	786 ^a	2011/40	...	1	1	2011/25	0	0	1	1 ^b	...	...
	USA	0	...	222	222 ^a	2011/38	...	4	4	2011/18	0	0	0	0	0	...
SOC	ARG	346	0	3	3	2011/12	0	1	1	2011/20	0	67	46	0	0	2009/27
	CHI	448	0	6	6	2011/25	0	1	1	2011/25	0	411	91	0	0	...
	PAR	429	0	0	0	1998/44	0	0	0	2005/21	5	423	0	0	0	2005/00
	URU	13	0	0	0	1999/08	0	0	0	2001/37	0	10	0	0	0	...
TOTAL		21710	75	1159	1234	--	0	7	7	--	192	19604	552	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 01-48, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL	1	5						
	COL	1	138						
	ECU								
	PER								
	VEN								
BRA	BRA	8	9		25				
	COR								
	ELS								
	GUT								
	HON								
CAR	NIC	4							
	PAN	1							
	CAR								
	CUB								
	DOR	1							
MEX	FGU	2	3						
	GUA	7	6						
	HAI								
	MAR	2			1				
	PUR								
NOA	MEX	3							
	CAN	18	28		740				1
	USA	110	89		23	2	1		1
	ARG	1	2						
	CHI	3	3			1	1		
SOC	PAR								
	URU								
TOTAL		162	283		789	3	2		2

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-48, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset						
			1-43	44	45	46	47	48	% Pend.Cases
BOL	0	3	3	...	...	...	...	...	2
COL	3	112	100	9	3	0	0	...	4
ECU	0	49	49	0	0	0	0	0	8
PER	0	66	32	12	18	4	0	...	8
VEN	0	39	39	0	0	0	0	0	8
BRA	17	596	437	52	52	37	18	...	9
COR	0	15	15	0	0	...	...	...	75
ELS	0	0	0	0	0	0	0	...	0
GUT	0	25	25	0	0	0	0	0	10
HON	0	0	0	0	0	0	0	0	0
NIC	0	8	8	0	0	0	0	0	5
PAN	0	16	14	1	0	1	0	0	6
CAR	0	71	58	3	3	6	1	0	18
CUB	0	0	0	0	0	0	0	...	0
DOR	4	38	37	1	0	0	0	0	33
FGU	0	0	0	0	0	0	0	0	0
GUA	0	0	0	0	0	0	0	0	0
HAI	0	11	10	1	0	0	0	0	30
MAR	0	0	0	0	0	0	0	0	0
PUR	...	...	...	...	...	...	...	...	...
MEX	0	331	319	6	3	1	1	1	5
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	0	253	242	3	5	3	...	...	73
CHI	3	30	16	5	3	3	2	1	7
PAR	1	0	0	0	0	0	...	...	0
URY	2	2	2	0	0	0	...	...	15
TOTAL	30	1665	1406	93	87	55	22	2	8

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 01-48, 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 (2010/49-2011/48)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	0	...	99	99	92	91	1.5	0.9
	COL	4827	...	73	95	91	95	6.1	2.9
	ECU ^a	1773	0	73	99	80	64	4.8	0.0
	PER	0	...	77	94	77	71	3.0	0.0
	VEN ^a	3283	0	69	96	60	54	1.8	0.0
BRA	BRA	270	82	30	...	96	...	3.8	0.2
	COR ^a	57	...	35	90	72	50	0.5	0.0
	ELS ^a	256	...	62	100	91	73	1.9	3.2
	GUT ^a	1506	75	94	99	80	87	1.1	0.0
	HON ^a	469	94	49	99	78	95	3.1	1.6
CAR	NIC	0	0	90	97	88	89	7.5	0.0
	PAN ^a	214	0	44	93	87	91	5.5	0.0
	CAR ^a	130	0	83	91	37	95	4.7	0.0
	CUB	150	...	100	100	100	100	10.4	0.0
	DOR	0	0	43	89	70	57	1.2	0.0
MEX	FGU	...	...	...	...	...	...	4.3	...
	GUA	...	...	...	...	...	...	8.9	...
	HAI	90	0	...	...	...	...	0.2	0.0
	MAR	...	...	...	...	...	...	2.2	...
	PUR	...	...	...	...	...	...	...	...
NOA	MEX	11138	0	99	...	...	...	5.7	0.0
	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	ARG ^a	779	...	7	67	58	35	0.9	0.7
	CHI	569	99	20	81	80	96	2.8	3.6
SOC	PAR ^a	622	...	51	100	80	83	6.8	0.0
	URU ^a	155	...	8	15	50	0	0.4	0.0
Total and Average		26757	82	65	94	88	84	3.9	0.5

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