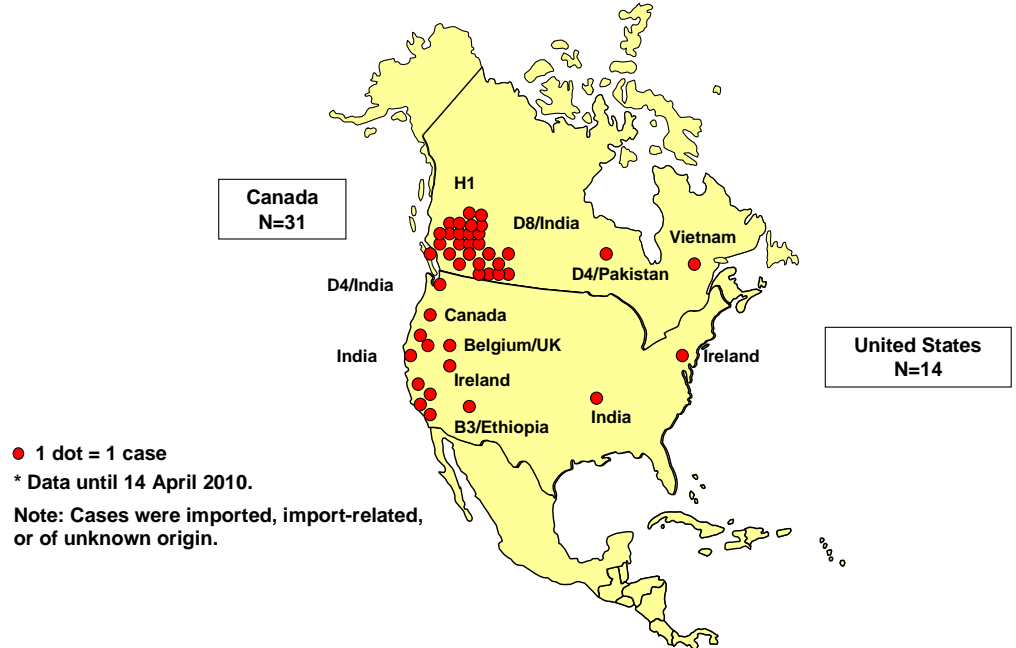




As of 14 April 2010, the Region of the Americas has confirmed a total of 45 measles cases, imported or secondary to importation (CAN=31; US=14). A total of 7 source countries have been identified. Most measles cases reported by the province of British Columbia (Canada) are suspected to be related to the occurrence of the 2010 Winter Games in Vancouver (large international event). For this reason, it is crucial that countries of the Americas take preventative measures to avert the importation of measles and rubella viruses to the Region in light of the upcoming 2010 FIFA World Cup in South Africa, where more than 11,000 measles cases have been identified to date during an ongoing outbreak.

Reported Measles Cases in the Americas, 2010*



Source: Country reports from Centers for Disease Control and Prevention and Public Health Agency of Canada.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-14, 2010

Subregion and Country	Suspect Cases 2010	Measles Confirmed 2010			Year/Week Last Confr. Measles Case	Rubella Confirmed 2010			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2010		Congenital Rubella Syndrome		CRI *		
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.			
AND	BOL	22	0	0	0	00/40	0	0	0	06/03	0	20	...	...	...
	COL	250	0	0	0	02/39	0	0	0	07/31	1	243	32	0	...	
	ECU	159	0	0	0	08/21	0	0	0	04/45	34	124	0	0	...	
	PER	132	0	0	0	08/18	0	0	0	06/45	1	100	...	...	...
	VEN	55	0	0	0	07/06	0	0	0	07/34	0	51	...	...	...
BRA	BRA	1407	0	0	0	06/48	0	0	0	09/41	48	679	0	0	...	
	COR	40	...	...	...	05/22	...	...	...	01/42	...	...	...	...	...
CAP	ELS	40	0	0	0	01/19	0	0	0	06/30	5	35	...	...	...
	GUT	51	0	0	0	98/05	0	0	0	06/30	2	41	0	0	...	
	HON	42	0	0	0	97/29	0	0	0	04/11	7	30	5	0	...	
	NIC	21	0	0	0	94/14	0	0	0	04/19	0	20	...	...	...
	PAN	19	0	0	0	95/49	0	0	0	02/48	0	19	0	0	...	
	CAR	CAR	105	0	0	0	08/26	0	0	0	08/18	2	62	0	0	...
		CUB	40	0	0	0	93/27	0	0	0	04/06	0	31	0	0	...
	LAC	DOR	25	0	0	0	01/23	0	0	0	06/44	0	10
		FGU	7	0	0	0	...	0	0	0	...	5	0
GUA		...	...	...	...	...	...	...	...	...	...	...	...	...	...
HAI		1	0	0	0	01/39	0	0	0	06/47	0	0	0	0	...	
MAR		...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	MEX	458	0	0	0	06/49	0	0	0	08/20	0	245	0	0	...	
NOA	CAN	...	0	31	31	10/12	0	5	5	10/09	...	...	...	...	...
	USA	...	0	14	14 ^a	10/14	0	1	1	10/04	...	...	0	0	...
SOC	ARG	50	0	0	0	09/15	0	0	0	09/05	0	49	2	0	...	
	CHI	33	0	0	0	09/07	0	0	0	08/30	0	29	40	0	...	
	PAR	109	0	0	0	98/44	0	0	0	05/21	11	98	0	0	...	
	URU	0	0	0	0	99/08	0	0	0	01/37	0	0	...	...	...
TOTAL	3026	0	45	45	--	0	6	6	--	116	1886	84	0	...		

... No report received; * Congenital rubella infection; (a) Provisional data.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-14, 2010

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							
	CAP							
	COR							
	ELS							
	GUT							
CAR	HON							
	LAC							
	CUB							
	DOR							
	FGU							
MEX	GUA							
	HAI							
	MAR							
	PUR							
	MEX							
NOA	CAN	3	15	13	1	4		
	USA	8		6	1			
SOC	ARG							
	CHI							
	PAR							
	URU							
TOTAL		11	15	19	2	4		

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-14, 2010

Country	Pending Cases 2009	Cumulative 2010	Week of Rash Onset						
			1-9	10	11	12	13	14	Unkn.
BOL	0	2	2	0	0	0	0	0	
COL	8	6	5	0	0	0	1	0	
ECU	0	1	1	0	0	0	0	0	
PER	2	31	21	4	1	3	2	0	
VEN	4	4	3	0	0	0	0	0	1
BRA	601	680	402	83	92	84	19	...	
COR	0	...	...	...	...	...	...	...
ELS	0	0	0	0	...	...	...	...
GUT	5	8	0	0	0	3	2	3	1
HON	0	5	4	1	0	0	0	0	
NIC	0	1	1	0	0	...	...	...
PAN	1	0	0	0	0	0	0	0	
CAR	0	41	18	4	10	5	1	3	
CUB	0	0	0	0	0	0	0	...	
DOR	1	15	15	0	0	0	0	...	
FGU	0	2	1	1	...	...	...	...
GUA	...	...	...	...	...	...	...	...
HAI	2	1	1	0	0	...	...	...
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	213	148	13	20	17	6	9	
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	1	1	0	0	0	0	0	
CHI	0	4	3	1	0	0	0	0	
PAR	0	0	0	0	0	0	0	0	
URU	0	0	0	0	0	...	...	...
TOTAL	624	1015	626	107	123	112	31	15	2

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 Weeks 01-14, 2010

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	72	100	100	80	65	100			
	COL	79	69	98	91	93	99			
	ECU	94	73	99	96	95	100			
	PER	97	85	93	64	36	98			
	VEN	83	39	73	54	76	76			
BRA	BRA	76	69	85	...	...	99		
	CAP	...	...	...	...	...	...
	COR	...	...	...	...	...	...
	ELS	...	78	100	90	90	100			
	GUT	0	24	88	100	87	100			
CAR	HON	92	93	98	88	86	100			
	LAC	NIC	99	90	95	95	43	100		
	PAN	69	68	100	100	100	100			
	CAR	99	63	95	43	77	97			
	LAC	CUB	100	100	100	100	100	100		
MEX	DOR	99	58	100	76	56	100			
	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	100	...	0	...	...	...
	MAR	...	...	...	...	...	...
NOA	PUR	...	...	...	...	...	...
	MEX	96	98	99	69	89	100			
SOC	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
SOC	ARG	30	...	...	...	...	...
	CHI	99	9	88	53	100	100			
	PAR	88	65	98	88	85	99			
	URU	62	...	...	...	...	...
Total and Average		87	73	91	77	83	99			

... No report received.