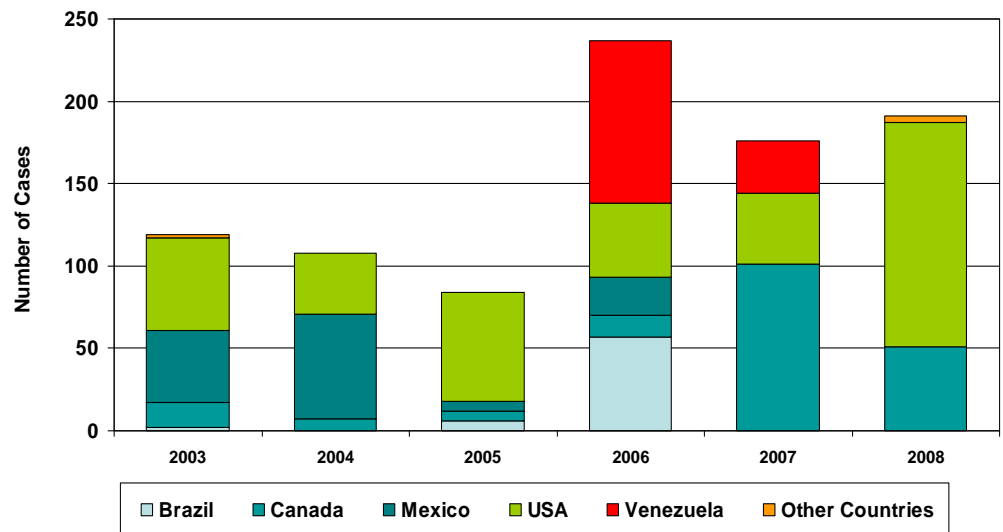


Only a few countries have reported confirmed measles cases following the interruption of endemic measles transmission in the Americas in late 2002. Canada and the United States have continuously improved their measles and rubella surveillance through high quality public health investigation and response efforts at the local, state, and national levels, as well as maintaining high vaccination coverage. Brazil, Mexico, and Venezuela are also committed to strengthening their surveillance systems and striving to reach high routine measles coverage levels. Furthermore, Venezuela conducted a mass MR vaccination campaign targeting persons aged 18-39 years in November 2007; Mexico vaccinated all persons aged 19-29 years against measles and rubella in March-May 2008; and Brazil is currently finishing a MR mass vaccination campaign targeting persons aged 20-39 years (12-39 years in 5 States).

Confirmed Measles Cases, Region of the Americas, 2003-2008*



* Data as of 9 October 2008.

Source: Measles Elimination Surveillance System (MESS) and country reports to PAHO.

Table No.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-40, 2008

Subregion and Country	Suspect Cases 2008	Measles Confirmed 2008			Year/Week Last Confr. Measles Case	Rubella Confirmed 2008			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2008		Congenital Rubella Syndrome		CRI *	
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.		
AND	BOL	224	0	0	0	0	0	0	06/03	0	217	...	0	2	
	COL	568	0	0	0	0	0	0	07/31	4	548	77	0		
	ECU	449	0	1	1 ^b	0	0	0	04/45	23	425	2	0		
	PER	881	0	1	1 ^b	0	0	0	06/45	0	820	...	0		
	VEN	738	0	0	0	0	10	10	07/34	92	561	...	0		
BRA	BRA	17228	0	0	0	105	1406	1511	08/39	714	12090	29	3		
	CAP	COR	11	0	0	0	0	0	0	01/42	1	1	...		0
		ELS	111	0	0	0	0	0	0	06/43	6	105	...		0
		GUT	253	0	0	0	0	0	0	06/30	2	237	0		0
		HON	142	0	0	0	0	0	0	04/11	29	112	20		0
CAR	NIC	95	0	0	0	0	0	0	04/19	0	92	0	0		
	PAN	82	0	0	0	0	0	0	02/48	1	80	0	0		
	LAC	CAR	659	0	2	2 ^b	0	1	1	08/18	0	276	0		0
		CUB	604	0	0	0	0	0	0	04/06	0	578	0		0
		DOR	76	0	0	0	0	0	0	06/44	0	68	...		0
MEX	FGU	10	0	0	0	0	1	1	...	0	1	...	0		
	GUA	...	...	...	...	...	...	...	...	...	...	...	0
	HAI	6	0	0	0	0	0	0	06/47	0	5	1	0		
	MAR	...	...	...	...	...	...	...	...	...	...	...	0
	PUR	...	...	...	...	...	...	...	...	...	...	...	0
NOA	MEX	4233	0	0	0	0	22	22	08/29	0	3199	0	0		
	CAN	...	0	51	51 ^b	0	0	0	07/15	...	...	...	0
	USA	...	0	136	136 ^{a,b}	0	12	12	08/32	...	...	...	0
SOC	ARG	1289	0	0	0	0	701	701	08/40	0	554	5	1		
	CHI	224	0	0	0	0	14	14	08/09	0	183	141	2		
	PAR	203	0	0	0	0	0	0	05/21	3	200	0	0		
	URU	4	0	0	0	0	0	0	01/37	0	4	...	0		
TOTAL	28090	0	191	191	-	105	2153	2272	-	875	20356	275	6		

... No report received; * Congenital rubella infection; (a) Provisional data; (b) See Table 2 for infection source.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-40, 2008

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU	1						
	PER	1						
	VEN							
BRA	BRA							1511
	CAP							
	COR							
	ELS							
	GUT							
CAR	HON							
	NIC							
	PAN							
	LAC	1	1	1				
	CUB							
MEX	DOR							
	FGU							
	GUA							
	HAI							
	MAR							
NOA	PUR							22
	MEX							
	CAN	5	42	4				
SOC	USA	20	100	16				
	ARG							701
	CHI				1			
	PAR						13	
	URU							
TOTAL		28	143	20	2		35	2212

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-40, 2008

Country	Pending Cases 2007	Cumulative 2008	Week of Rash Onset							Unkn.
			01-35	36	37	38	39	40		
BOL	0	7	3	2	2	0	0	...		
COL	0	16	16	0	0	0	0	0		
ECU	0	0	0	0	0	0	0	0		
PER	0	61	47	2	5	4	2	...	1	
VEN	0	74	69	0	0	0	0	0	5	
BRA	0	2913	2113	291	270	162	77	...		
COR	0	9	9	...	...	...	...	...
ELS	0	0	0	0	0	0	0	0		
GUT	0	14	14	0	0	0	0	0		
HON	0	1	1	0	0	0	0	0		
NIC	0	3	3	0	0	0	0	0		
PAN	0	1	1	0	0	0	...	...
CAR	0	380	361	6	4	2	2	2	3	
CUB	0	26	0	0	0	0	0	26		
DOR	0	8	6	1	1	0	0	0		
FGU	0	1	0	0	1	0	...	...
GUA	...	...	...	...	...	...	...	...
HAI	0	1	1	0	0	0	0	...		
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	1012	895	40	43	27	7	0		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	34	38	0	0	10	11	13		
CHI	0	30	25	2	2	0	1	0		
PAR	0	0	0	0	0	0	0	0		
URU	0	0	0	0	0	0	0	...		
TOTAL	0	4591	3602	344	328	205	100	41	9	

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 01-40, 2008

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	76	100	100	84	70	100		
	COL	80	66	97	79	90	99		
	ECU	67	51	99	89	86	99		
	PER	93	93	99	60	84	96		
	VEN	90	82	97	68	79	98		
BRA	BRA	79	59 ^a	67	...	...	98		
	CAP	...	73	100	91	27	100		
	COR	...	48	100	94	95	98		
	ELS	...	81	100	78	86	95		
	GUT	95	95	97	71	92	96		
CAR	HON	100	82	94	82	89	99		
	NIC	93	77	100	74	93	98		
	LAC	99	50	95	56	98	99		
	CUB	98	100 ^a	100	90	100	96		
	DOR	75	57	100	59	38	97		
MEX	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	84	83	100	0	0	100		
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
NOA	MEX	90	98	98	73	82	100		
	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
SOC	ARG	75	78	100	82	95	100		4
	CHI	100	17	83	67	84	97		
	PAR	90	69	100	85	100	100		
	URU	31	33	75	100	100	100		
Total and Average		86	69	79	74	86	98		

... No report received; (a) Also includes information on active case-searches.