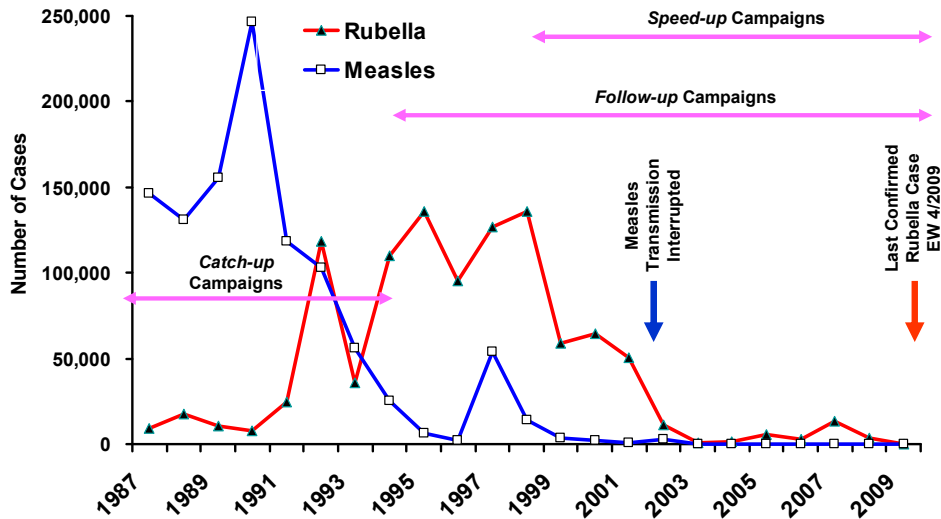




**Impact of Measles and Rubella Elimination Strategies
The Americas, 1987–2009***



* Includes rubella and measles cases reported to PAHO as of epidemiological week 31/2009.

Source: Country reports to FCH/IM, PAHO.

Table No.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-34, 2009

Subregion and Country		Suspect Cases 2009	Measles Confirmed 2009			Year/Week Last Confir. Measles Case	Rubella Confirmed 2009			Year/Week Last Confir. Rubella Case	Diagnosis of Discarded Cases 2009		Congenital Rubella Syndrome		CRI *	
			Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.		
AND	BOL	123	0	0	0	00/40	0	0	0	06/03	0	123	2	...		
	COL	568	0	0	0	02/39	0	0	0	07/31	1	536	59	...		
	ECU	422	0	0	0	08/21	0	0	0	04/45	60	342	0	0		
	PER	506	0	0	0	08/18	0	0	0	06/45	4	476	...	...
BRA	VEN	480	0	0	0	07/06	0	0	0	07/34	19	449		
	BRA	6284	0	0	0	06/48	0	0	0	08/53	418	5005	45	3		3
	CAP	29	0	0	0	09/23	0	0	0	08/31	0	26	10	0		0
	ELS	128	0	0	0	01/19	0	0	0	06/30	2	124	...	...
CAR	GUT	168	0	0	0	98/05	0	0	0	06/30	0	156	5	0		
	HON	79	0	0	0	97/29	0	0	0	04/11	12	67	34	0		
	NIC	80	0	0	0	94/14	0	0	0	04/19	0	75	0	0		
	PAN	46	0	0	0	95/49	0	0	0	02/48	1	44	1	0		
LAC	CAR	270	0	0	0	08/26	0	0	0	08/18	3	263	0	0		
	CUB	422	0	0	0	93/27	0	0	0	04/06	0	422	0	0		
	DOR	79	0	0	0	01/23	0	0	0	06/44	1	77	...	...
	FGU	15	0	0	0	...	0	0	0	...	12	4	...	...
MEX	GUA		
	HAI	2	0	0	0	01/39	0	0	0	06/47	0	0	1	0		
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...
NOA	MEX	2097	0	0	0	06/49	0	47	47	08/20	0	1534	0	0		
	CAN	...	0	14	14 ^a	09/28	0	3	3 ^a	09/19	...	...	...	...
SOC	USA	...	0	63	63 ^a	09/29	0	2	2 ^a	09/30		
	ARG	234	0	3	3 ^a	09/15	0	3	3 ^a	09/04	5	220	4	3		
	CHI	92	0	1	1 ^a	09/07	0	0	0	08/30	0	54	87	0		
	PAR	253	0	0	0	98/44	0	0	0	05/21	17	236	2	0		
	URU	2	0	0	0	99/08	0	0	0	01/37	0	2	...	...
TOTAL		12379	0	81	81	-	0	55	55	-	555	10235	250	6	3	

... No report received; * Congenital rubella infection; (a) 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 01-34, 2009

Subregion and Country		Measles			Rubella				
		I	IR	U	I	IR	U	IN	
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA								
	CAP								
	COR								
	ELS								
	GUT								
HON	HON								
	NIC								
	PAN								
	CAR	CAR							
		LAC							
CUB									
DOR									
FGU									
GUA	GUA								
	HAI								
	MAR								
	PUR								
	MEX	MEX						47	
NOA		4	10		1	1	1		
CAN		26	28	9			2		
USA									
SOC		ARG	1	2					3
	CHI	1							
	PAR								
	URU								
	TOTAL	32	40	9	1	1	50	3	

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-34, 2009

Country	Pending Cases 2008	Cumulative 2009	Week of Rash Onset							Unkn.
			1-29	30	31	32	33	34		
BOL	0	0	0	0	0	0	0	0		
COL	0	31	26	1	1	2	0	0	1	
ECU	0	20	18	0	0	0	2	0		
PER	0	26	20	1	3	0	1	0	1	
VEN	0	12	6	4	1	0	0	0	1	
BRA	509	861	682	50	45	41	43	...		
COR	0	2	0	0	0	0	0	0	2	
ELS	0	0	0	0	0	0	0	0		
GUT	1	12	6	0	0	4	1	1		
HON	0	0	0	0	0	0	0	0		
NIC	0	5	2	1	0	0	2	0		
PAN	0	1	0	1	0	0	0	0		
CAR	0	4	4	0	0	0	0	0		
CUB	0	0	0	0	0	0	0	0		
DOR	0	1	0	0	0	0	0	0	1	
FGU	0	0	0	0	0	0	0	0		
GUA	...	...	...	...	...	...	...	...
HAI	0	2	2	0	0	0	0	0		
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	516	507	4	5	0	0	0		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	3	0	0	0	1	2	0		
CHI	0	37	37	0	0	0	0	0		
PAR	0	0	0	0	0	0	0	0		
URU	0	0	0	0	0	0	0	0		
TOTAL	510	1533	1310	62	55	48	51	1	6	

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 01-34, 2009

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	79	99	100	72	76	100			
	COL	67	66	93	83	93	100			
	ECU	86	63	94	91	92	98			
	PER	95	94	98	66	81	95			
	VEN	0	63	94	70	74	99			
BRA	BRA	81	62	72	...	...	99		
	CAP	16	41	48	78	52	...			
	COR	83	87	99	90	85	99			
	ELS	...	21	96	94	69	97			
	GUT	93	95	92	75	95	100			
HON	HON	100	79	96	92	81	99			
	NIC	87	91	98	87	91	100			
	PAN	99	67	97	36	96	98			
	CAR	CAR	100	100	100	100	100	100		
		LAC	83	54	96	58	31	97		
CUB		...	...	...	...	...	...
DOR		...	...	...	...	...	...
FGU		...	...	...	...	...	...
GUA	GUA	100	0	100	50	50	...			
	HAI	...	...	...	...	...	...
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
	MEX	MEX	92	99	98	80	81	100		
NOA		...	...	...	...	...	...
CAN		...	...	...	...	...	...
USA		...	...	...	...	...	...
SOC		ARG	80	80	100	82	97	100		
	CHI	100	5	84	64	77	94			
	PAR	89	67	99	89	100	100			
	URU	83	50	50	100	0	50			
	Total and Average	86	72	84	79	85	99			

... No report received.