



## Global Technical Consultation to Assess the Feasibility of Measles Eradication, July 2010



### Main Conclusions:

- Measles can and should be eradicated
- Global eradication by 2020 is feasible.
- Where appropriate, measles eradication activities should be used to accelerate rubella control and CRS prevention.

During the 50<sup>th</sup> PAHO Directing Council several countries requested the inclusion of a discussion of rubella and measles global elimination goals during the Sixty-fourth World Health Assembly in 2011.



50<sup>th</sup> PAHO Directing Council/62<sup>nd</sup> Session of the Regional Committee.

**Table.1**  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-44, 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	63	0	0	0	00/40	0	0	0	06/03	0	59	...	...	...	
	COL	1639	0	0	0	02/39	0	0	0	07/31	5	1551	161	0	...	
	ECU	583	0	0	0	08/21	0	0	0	04/45	85	485	1	0	...	
	PER	450	0	0	0	08/18	0	0	0	06/45	1	405	...	...	...	
	VEN	516	0	0	0	07/06	0	0	0	07/34	121	328	...	...	...	
BRA	BRA	7574	0	57	57	10/40	0	0	0	09/41	750	5559	0	0	...	
CAP	COR	27	0	0	0	05/22	0	0	0	01/42	0	1	0	0	0	
	ELS	165	0	0	0	01/19	0	0	0	06/30	31	134	...	...	...	
	GUT	274	0	0	0	98/05	0	0	0	06/30	23	249	0	0	0	
	HON	129	0	0	0	97/29	0	0	0	04/11	35	88	12	0	0	
CAR	NIC	101	0	0	0	94/14	0	0	0	04/19	0	101	...	...	...	
	PAN	63	0	0	0	95/49	0	0	0	02/48	0	48	0	0	0	
	CAR	391	0	0	0	08/26	0	0	0	08/18	22	343	0	0	...	
	LAC	CUB	674	0	0	0	93/27	0	0	0	04/06	0	674	0	0	...
	DOR	126	0	0	0	01/23	0	0	0	06/44	0	43	...	...	...	
	FGU	23	0	2	2	10/15	0	1	1	10/06	11	9	...	...	...	
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	HAI	9	0	0	0	01/39	0	0	0	06/47	0	3	0	0	...	
MEX	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	MEX	2172	0	0	0	06/49	0	0	0	08/20	0	2007	1	0	...	
NOA	CAN	...	0	96	96 <sup>a</sup>	10/43	0	7	7 <sup>a</sup>	10/17	...	...	...	...	...	
	USA	...	0	56	56 <sup>a</sup>	10/38	0	7	7 <sup>a</sup>	10/22	...	...	0	0	...	
SOC	ARG	70	0	17	17	10/37	0	0	0	09/05	2	67	1	0	...	
	CHI	103	0	0	0	09/07	0	0	0	08/30	0	92	159	0	...	
	PAR	371	0	0	0	98/44	0	0	0	05/21	18	332	0	0	...	
	URU	11	0	0	0	99/08	0	0	0	01/37	0	5	...	...	...	
TOTAL		15534	0	228	228	--	0	15	15	--	1104	12583	335	0	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 01-44, 2010

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA	3	54					
CAP	COR							
	ELS							
	GUT							
	HON							
	NIC							
CAR	PAN							
	LAC							
	CUB							
	DOR							
	FGU	1	1		1			
GUA	GUA							
	HAI							
	MAR							
	PUR							
	MEX							
NOA	CAN	9	25	62	2	5		
	USA	40	9	7	5		2	
SOC	ARG	2	15					
	CHI							
	PAR							
	URU							
TOTAL		55	104	69	8	5	2	

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-44, 2010

Country	Pending Cases 2009	Cumulative 2010	Week of Rash Onset							Unkn.
			1-39	40	41	42	43	44		
BOL	0	4	4	...	...	...	...	...	...	
COL	0	83	55	3	11	5	5	4		
ECU	0	13	3	3	2	3	2	0		
PER	0	44	44	...	...	...	...	...		
VEN	0	67	62	0	0	0	0	...		5
BRA	0	1208	902	91	87	94	34	...		
COR	0	26	26	0	0	...	...	...		
ELS	0	0	0	...	...	...	...	...		
GUT	0	2	1	0	1	0	0	0		
HON	0	6	6	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	11	11	0	0	0	0	0		
CAR	0	26	18	0	7	1	...	...		
CUB	0	0	0	0	0	0	0	0		
DOR	0	83	76	1	1	2	0	0		3
FGU	0	0	0	...	...	...	...	...		
GUA	...	...	...	...	...	...	...	...		
HAI	2	6	5	...	...	...	...	...		1
MAR	...	...	...	...	...	...	...	...		
PUR	...	...	...	...	...	...	...	...		
MEX	0	429	401	13	5	10	0	...		
CAN	...	...	...	...	...	...	...	...		
USA	...	...	...	...	...	...	...	...		
ARG	0	2	2	...	...	...	...	...		
CHI	0	11	9	1	1	0	0	...		
PAR	0	21	9	2	2	2	2	4		
URU	0	1	1	0	0	0	0	...		
TOTAL		2	2043	1635	114	117	117	43	8	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 01-44, 2010

Subregion and Country		% Sites Reporting Weekly	% Cases with Adequate Investigation	% Cases with Adequate Sample	% Lab Received ≤5 days	% Lab Result ≤4 days	Chains of Transmission With Representative Samples for Viral Isolation		
							Measles	Rubella	
AND	BOL	77	100	98	76	63			
	COL	76	82	94	96	94			
	ECU	92	69	97	98	93			
	PER	97	86	94	68	55			
	VEN	85	59	90	63	66			
BRA	BRA	69	69	85	...	...			
CAP	COR	0 <sup>a</sup>	33	70	74	21			
	ELS	...	86	99	93	85			
	GUT	3 <sup>a</sup>	51	100	100	81			
	HON	92	88	97	77	94			
	NIC	100	88	98	91	78			
CAR	PAN	0 <sup>a</sup>	76	98	98	78			
	LAC	CAR	99	62	94	33	88		
	CUB	100	100	100	100	100			
	DOR	77	41	89	57	45			
	FGU	...	...	...	...	...			
GUA	GUA	...	...	...	...	...			
	HAI	100	50	56	...	...			
	MAR	...	...	...	...	...			
	PUR	...	...	...	...	...			
	MEX	MEX	...	...	...	...	...		
NOA	CAN	...	...	...	...	...			
	USA	...	...	...	...	...			
SOC	ARG	30	20	100	80	100			
	CHI	99	15	83	58	91			
	PAR	90	56	94	84	95			
	URU	0 <sup>a</sup>	45	73	89	44			
Total and Average		77	71	89	84	86			

... No report received; (a) ISIS countries reporting only current week.