



**Interpretation algorithm of serological results for suspected measles or rubella cases with IgM-positive results regarded as being false-positive based on paired IgG titers.**

From *Recent Advances in Immunization, 2<sup>nd</sup> Ed.* In chapter on Interpretation of Measles and Rubella Serology. 2006, PAHO.

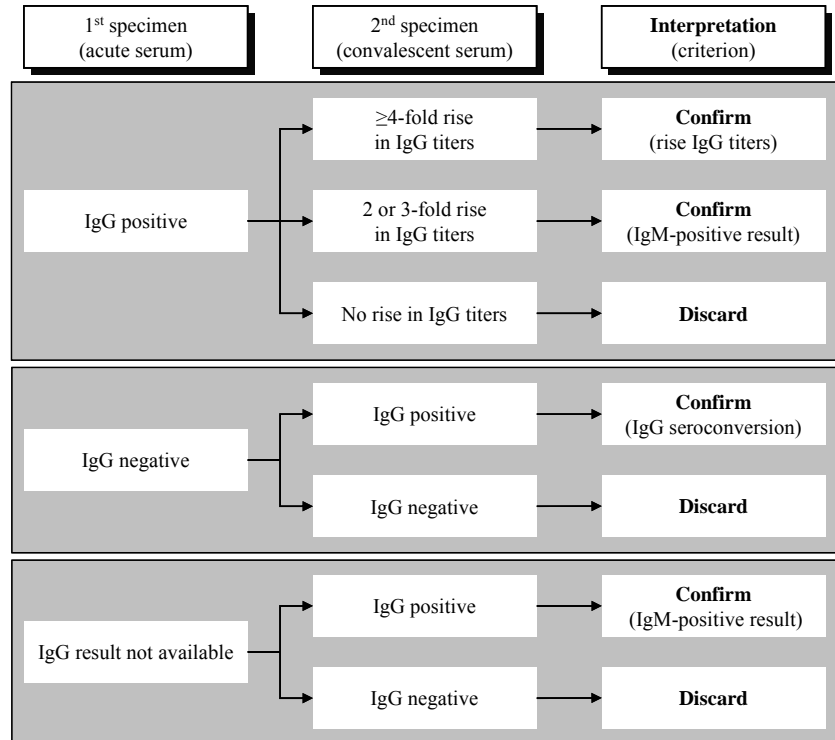


Table No.1

Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-26, 2008

Subregion and Country	Suspect Cases 2008	Measles Confirmed 2008			Year/Week Last Confir. Measles Case	Rubella Confirmed 2008			Year/Week Last Confir. Rubella Case	Diagnosis of Discarded Cases 2008		Congenital Rubella Syndrome		CRI *	
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.		
AND	BOL	131	0	0	0	00/40	0	0	0	06/03	0	126	...	...	2
	COL	327	0	0	0	02/39	0	0	0	07/31	2	311	22	0	
	ECU	278	0	1	1	08/21	0	0	0	04/45	16	260	2	0	
	PER	519	0	0	0	00/13	0	0	0	06/45	0	437	...	...	
	VEN	61	0	0	0	07/06	0	0	0	07/34	14	47	...	...	
BRA	BRA	9254	0	0	0	06/48	32	729	761	08/25	427	6431	12	3	
	COR	4	0	0	0	05/22	0	0	0	01/42	0	0	...	...	
	ELS	68	0	0	0	01/19	0	0	0	06/43	4	64	...	...	
	GUT	189	0	0	0	98/05	0	0	0	06/30	2	177	0	0	
	HON	72	0	0	0	97/29	0	0	0	04/11	15	47	14	0	
CAP	NIC	46	0	0	0	94/14	0	0	0	04/19	0	42	0	...	
	PAN	66	0	0	0	95/49	0	0	0	02/48	1	65	0	0	
	CAR	269	0	2	2	08/26	0	0	0	01/27	0	98	0	0	
	CUB	350	0	0	0	93/27	0	0	0	04/06	0	313	0	0	
	DOR	21	0	0	0	01/23	0	0	0	06/44	0	4	...	...	
LAC	FGU	8	0	0	0	...	0	0	0	...	0	8	...	...	
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	
	HAI	5	0	0	0	01/39	0	0	0	06/47	0	5	1	0	
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	
MEX	MEX	3288	0	0	0	06/49	0	17	17	08/20	0	1866	0	0	
NOA	CAN	...	0	50	50	08/22	0	0	0	07/15	...	...	...	...	
	USA	...	0	118	118 <sup>a</sup>	08/26	0	7	7	08/26	...	...	...	...	
SOC	ARG	96	0	0	0	00/11	0	29	29	08/13	0	61	...	...	
	CHI	166	0	0	0	03/19	...	...	15	08/09	0	117	109	0	
	PAR	135	0	0	0	98/44	0	0	0	05/21	3	132	0	0	
	URU	4	0	0	0	99/08	0	0	0	01/37	0	4	...	...	
TOTAL		15357	0	171	171	-	32	782	829	-	484	10615	160	3	2

... 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 01-26, 2008

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							761
	CAP							
	COR							
	ELS							
	GUT							
CAR	HON							
	NIC							
	PAN							
	LAC							
	CUB							
SOC	DOR							
	FGU							
	GUA							
	HAI							
	MAR							
MEX	PUR							
	MEX						17	
NOA	CAN	4	42	4				
	USA	14	54	17				
SOC	ARG							
	CHI				2	13		
	PAR							
	URU							
TOTAL		18	96	21	2	30	761	

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation  
for the Period of Weeks 01-26, 2008

Country	Pending Cases 2007	Cumulative 2008	Week of Rash Onset						
			01-21	22	23	24	25	26	Unkn.
BOL	0	5	1	1	0	1	1	1	
COL	0	14	14	0	...	...	...	...	
ECU	0	1	0	0	0	0	1	0	
PER	0	82	71	4	2	4	1	...	
VEN	4	0	0	0	0	0	0	0	
BRA	266	1635	1264	128	108	82	53	...	
COR	86	4	4	...	...	...	...	...	
ELS	0	0	0	0	0	0	0	0	
GUT	0	10	9	0	1	0	0	0	
HON	0	10	2	1	4	0	3	0	
NIC	0	4	4	...	...	...	...	...	
PAN	0	0	0	0	0	0	0	0	
CAR	0	169	160	9	0	0	0	0	
LAC	0	37	0	0	0	0	0	37	
DOR	4	17	17	0	0	0	0	0	
FGU	0	0	0	0	0	0	0	...	
GUA	...	...	...	...	...	...	...	...	
HAI	0	0	0	0	0	0	0	0	
MAR	...	...	...	...	...	...	...	...	
PUR	...	...	...	...	...	...	...	...	
MEX	0	1405	1209	50	54	34	50	8	
CAN	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	
ARG	0	6	5	0	0	0	0	...	
CHI	0	38	20	3	0	6	6	3	
PAR	0	0	0	0	0	0	0	0	
URU	0	0	0	0	0	0	0	0	
TOTAL	360	3437	2780	196	169	127	115	49	1

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 01-26, 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	77	100	100	84	69	100		
	COL	80	61	98	75	86	98		
	ECU	83	50	98	89	86	100		
	PER	...	92	99	78	44	97		
	VEN	89	98	97	97	65	100		
BRA	BRA	65	54 <sup>a</sup>	63	...	...	97		
	CAP	...	75	100	100	50	...		
	COR	...	68	99	97	93	99		
	ELS	91	83	98	78	86	94		
	GUT	...	96	100	75	85	97		
CAR	HON	95	72	96	87	82	100		
	NIC	100	80	100	76	94	98		
	PAN	93	44	93	54	97	99		
	LAC	99	100 <sup>a</sup>	100	85	100	89		
	CUB	96	30	50	40	50	100		
SOC	DOR	81	...	...	...	...	...		
	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	81	80	100	0	0	100		
	MAR	...	...	...	...	...	...		
MEX	PUR	...	...	...	...	...	...		
	MEX	89	98	98	69	88	100		
NOA	CAN	...	...	...	...	...	...		
	USA	...	...	...	...	...	...		
SOC	ARG	81	35	92	59	89	97		
	CHI	99	18	72	62	85	97		
	PAR	89	66	100	82	100	100		
	URU	0	33	75	100	100	100		
Total and Average		81	67	76	73	85	98		

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

Issues of the Measles/Rubella Surveillance Bulletin can be accessed at:  
<http://www.paho.org/english/ad/fch/im/measles.htm>