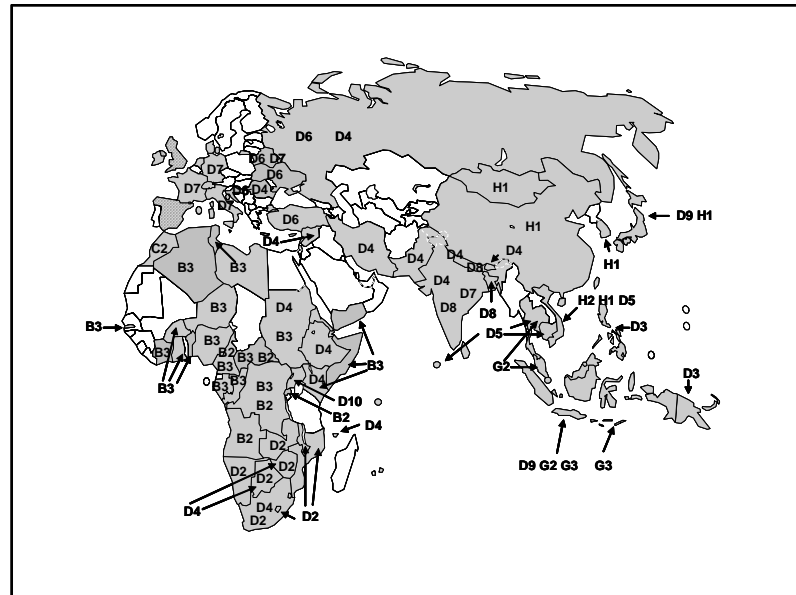




Geographic Distribution of Measles Virus Genotypes for Regions Yet to Eliminate Measles - 1995-2006*

The Ministry of Health in Brazil has identified the virus that caused a measles outbreak in a municipality of the State of Bahia (14 cases to date). It is the measles virus genotype D4, which has been isolated in European countries and South Africa, and was imported to Canada in 2006.



* Updated Weekly Epidemiological Report No 44, 2005, 80, 384-388, World Health Organization.

Table No.1
Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period Between Weeks 01-50, 2006

Subregion and Country	Suspect Cases 2006	Measles Confirmed 2006			Year/Week Last Confr. Measles Case	Rubella Confirmed 2006			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2006		Congenital Rubella Syndrome		CRI *
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.	
AND														
BOL	205	0	0	0	00/40	0	2	2	06/03	2	197	...	...
COL	1834	0	0	0	02/39	1	1	2	06/18	72	1708	130	0	
ECU	396	0	0	0	01/14	0	0	0	04/45	32	363	3	0	
PER	2210	0	0	0	00/13	29	566	595	06/45	0	1230	60	1	2
VEN	2252	0	92	92	06/49	0	181	181	06/50	328	1651	...	...
BRA	17187	0	14	14	06/48	37	680	717	06/49	0	14563	146	3	
CAP														
COR	...	...	...	...	05/22	...	...	...	01/42	...	...	...	...
ELS	154	0	0	0	01/19	0	11	11	06/43	13	130	...	...
GUT	536	0	0	0	98/05	0	5	5	06/30	8	505	0	0	
HON	148	0	0	0	97/29	0	0	0	04/11	14	132	14	0	
NIC	178	0	0	0	94/14	0	0	0	04/19	2	176	0	0	
PAN	214	0	0	0	95/49	0	0	0	02/48	11	197	0	0	
CAR														
CAR	186	0	0	0	98/23	0	0	0	01/27	6	164	1	0	
LAC														
CUB	990	0	0	0	93/27	0	0	0	04/06	0	949	0	0	
DOR	238	0	0	0	01/23	0	20	20	06/44	1	192	...	...
FGU	70	0	0	0	...	...	...	...	...	0	70	...	...
GUA	...	...	...	...	...	...	...	...	...	...	...	...	...
HAI	76	0	0	0	01/39	0	11	11	06/47	3	43	9	0	
MAR	...	...	...	...	...	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	4207	0	23	23	06/49	0	49	49	06/45	...	...	0	0	
NOA														
CAN	...	0	13	13	06/46	0	4	4	06/48	...	...	...	...
USA	...	0	45	45	06/49	0	9	9	06/45	0	3909	...	1	
SOC														
ARG	355	0	0	0	00/11	0	0	0	04/50	0	352	9	...	
CHI	312	0	0	0	03/19	0	0	0	05/21	0	297	224	0	
PAR	566	0	0	0	98/44	0	0	0	05/21	17	546	1	0	
URU	9	0	0	0	99/08	0	0	0	01/37	0	8	0	0	
TOTAL	32323	0	187	187	-	67	1539	1606	-	509	27382	597	5	2



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period Between Weeks 01-50, 2006

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL						2	
	COL							
BRA	PER							
	VEN	1	41	32				
	BRA				1			716
	CAP							
	COR							
CAR	ELS							5
	GUT							
	HON							
	NIC							
	PAN							
	LAC							
	CAR							
	CUB							
	DOR							
	FGU							
MEX	GUA							
	HAI							
	MAR							
NOA	PUR							
	MEX	23					49	
SOC	CAN	4	2	2				
	USA	6	7	10				
SOC	ARG							
	CHI						47	
	PAR							
	URU							
TOTAL		34	50	44	1		96	721

Table No.3
Measles/Rubella Suspected Cases Under Investigation for the Period Between Weeks 01-50, 2006

Country	Pending Cases 2005	Cumulative 2006	Week of Rash Onset							
			1-45	46	47	48	49	50	Unkn.	
BOL	0	4	1	0	1	0	1	1		
COL	2	52	46	3	1	0	1	0	1	
ECU	0	1	0	0	0	1	...	...
PER	0	384	356	19	9	...	...	...
VEN	0	0	0	0	0	0	0	0		
BRA	0	1893	1007	172	205	304	205	...		
COR	0	...	...	...	...	...	...	...
ELS	0	0	0	0	...	...	...	...
GUT	0	18	18	0	0	0	0	...		
HON	0	2	2	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	6	2	0	0	1	2	1		
CAR	0	16	9	2	2	3	0	...		
LAC	0	41	0	0	0	31	0	10		
DOR	0	25	24	0	0	0	0	0	1	
FGU	0	0	0	0	0	...	...	...
GUA	...	...	...	...	...	...	...	...
HAI	0	19	9	1	1	0	0	...	8	
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	226	168	10	12	17	17	2		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	3	3	0	0	0	0	0		
CHI	0	15	4	3	3	0	4	1		
PAR	0	3	3	0	0	0	0	0		
URU	0	1	0	0	0	0	1	0		
TOTAL		2	2709	1652	210	234	357	231	15	10

I: Imported – IR: Import-related – U: Unknown – IN: Indigenous

... No report received

Table No.4
Indicators of Integrated Measles/Rubella Surveillance for the Period Between Weeks 01-50, 2006

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	51	96	99	83	78	99			
	COL	92	60	96	79	83	98			
	ECU	76	59	99	87	83	99			
	PER	100	80	89	74	53	91			
	VEN	72	88	98	68	78	99	2		
BRA	BRA	89	75 ^a	78	43	82	98			
	CAP	...	...	...	...	...	...
	ELS	88	60	99	95	93	99			
	GUT	49	90	96	76	93	98			
	HON	94	93	98	81	88	98			
	NIC	100	77	99	57	96	99			
	PAN	93	72	99	69	95	97			
	LAC	CAR	99	78	95	32	90	98		
	CUB	96	92 ^a	100	48	100	96			
	DOR	81	71	98	57	67	99			
MEX	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	73	88	83	21	31	91			
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
	NOA	MEX	92	99 ^a	97	87	76	99	4	
	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
	SOC	ARG	84	12	93	76	83	99		
	CHI	96	27	92	81	92	99			
PAR	93	71	99	86	100	100				
URU	59	22	89	89	44	100				
Total and Average		87	78	86	58	80	98	6		

... No report received

^a Also includes information on active case-searches