



Preventing Measles Reintroduction in Haiti

- Endemic measles virus transmission was interrupted in Haiti in 2001.
- Even though routine coverage against measles has been historically low, a vaccination campaign against measles and rubella targeting the age group 1-19 years (plus polio vaccine in children <5 years) was implemented from November 2007 to November 2008.
- The risk of a measles outbreak will depend upon the reintroduction of the measles virus into the Haitian population.
- Therefore, all aid workers going to Haiti should be vaccinated against both measles and rubella.
- Once the situation is stabilized and vaccinating becomes logistically feasible, vaccination activities will initially target priority groups.



Haiti Earthquake: Health Q&As

http://new.paho.org/disasters/index.php?option=com_content&task=view&id=1104&Itemid=1

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-02, 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	...	...	...	...	00/40	...	...	...	06/03	...	...	...	...	...
	COL	0	0	0	0	02/39	0	0	0	07/31	0	0	1	0	...
	ECU	10	0	0	0	08/21	0	0	0	04/45	4	4	0	0	...
	PER	8	0	0	0	08/18	0	0	0	06/45	0	0	...	...	...
	VEN	0	0	0	0	07/06	0	0	0	07/34	0	0	...	...	...
BRA	BRA	19	0	0	0	06/48	0	0	0	09/41	0	0	0	0	...
	COR	...	...	...	...	05/22	...	...	...	01/42	...	...	...	...	...
	ELS	...	...	...	...	01/19	...	...	...	06/30	...	...	...	...	...
	GUT	1	0	0	0	98/05	0	0	0	06/30	0	0	0	0	...
	HON	5	0	0	0	97/29	0	0	0	04/11	0	4	3	0	...
CAR	NIC	2	0	0	0	94/14	0	0	0	04/19	0	1	...	...	...
	PAN	0	0	0	0	95/49	0	0	0	02/48	0	0	0	0	...
	CAR	5	0	0	0	08/26	0	0	0	08/18	0	0	0	0	...
	CUB	0	0	0	0	93/27	0	0	0	04/06	0	0	...	...	...
	DOR	0	0	0	0	01/23	0	0	0	06/44	0	0	...	...	...
LAC	FGU	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	...	...	...	...	01/39	...	...	...	06/47	...	...	...	...	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	0	0	0	0	06/49	0	0	0	08/20	0	0	0	0	...
	CAN	...	0	0	0	09/28	0	0	0	09/30	...	...	...	...	...
NOA	USA	...	...	...	...	09/41	...	...	...	09/30	...	...	...	...	...
	ARG	2	0	0	0	09/15	0	0	0	09/05	0	1	0	...	...
SOC	CHI	6	0	0	0	09/07	0	0	0	08/30	0	0	...	...	...
	PAR	7	0	0	0	98/44	0	0	0	05/21	0	7	0	0	...
URU	URU	...	...	...	...	99/08	...	...	...	01/37	...	...	...	...	...
TOTAL		65	0	0	0		0	0	0		4	17	4	0	...

... No report received; * Congenital rubella infection.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed
Cases for the Period of Weeks 01-02, 2010

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							
	LAC							
CUB	CUB							
	DOR							
	FGU							
	GUA							
	HAI							
MAR	MAR							
	PUR							
	MEX							
	NOA							
	CAN							
USA	USA							
	ARG							
	CHI							
	PAR							
	URU							
TOTAL								

Table No.3
Measles/Rubella Suspect Cases Under Investigation
for the Period of Weeks 01-02, 2010

Country	Pending Cases 2009	Cumulative 2010	Week of Rash Onset					
			1	2				Unkn.
BOL	3	...	...	...				
COL	57	0	0	0				
ECU	0	2	1	1				
PER	25	8	8	...				
VEN	3	0	0	0				
BRA	982	0	0	...				
COR	...	...	...	...				
ELS	0	...	...	...				
GUT	17	1	1	0				
HON	0	1	1	0				
NIC	0	1	0	1				
PAN	3	0	0	0				
CAR	47	5	5	0				
CUB	0	0	0	0				
DOR	3	0	0	...				
FGU	...	...	...	...				
GUA	...	...	...	...				
HAI	2	...	...	...				
MAR	...	...	...	...				
PUR	...	...	...	...				
MEX	948	0	0	0				
CAN	...	...	...	...				
USA	...	...	...	...				
ARG	0	0	0	0				
CHI	44	6	1	5				
PAR	0	0	0	0				
URU	0	...	...	...				
TOTAL	2134	24	17	7				

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 01-02, 2010

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	...	...	...	...	...	...		
	COL	...	...	...	...	...	...		
	ECU	94	64	80	100	100	100		
	PER	...	75	88	29	0	...		
	VEN	...	...	...	...	...	...		
BRA	BRA	89	...	...	...	...	...		
	CAP	...	...	...	...	...	...		
	COR	...	...	...	...	...	...		
	ELS	...	...	...	...	...	...		
	GUT	...	50	100	0	100	...		
HON	HON	92	80	100	100	100	100		
	NIC	100	100	100	100	0	100		
	PAN	89	...	...	...	...	...		
	CAR	99	0	40	...	...	...		
	LAC	100	0	0	0	0	0		
CUB	CUB	67	...	...	...	...	...		
	DOR	...	...	...	...	...	...		
	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	...	...	...	...	...	...		
MAR	MAR	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...		
	MEX	...	...	...	...	...	...		
	NOA	...	...	...	...	...	...		
	CAN	...	...	...	...	...	...		
USA	USA	...	...	...	...	...	...		
	ARG	20	...	...	...	...	...		
	CHI	86	0	17	50	100	...		
	PAR	83	57	100	100	100	100		
	URU	...	...	...	...	...	...		
Total and Average		91	70	75	77	100	100		

... No report received.