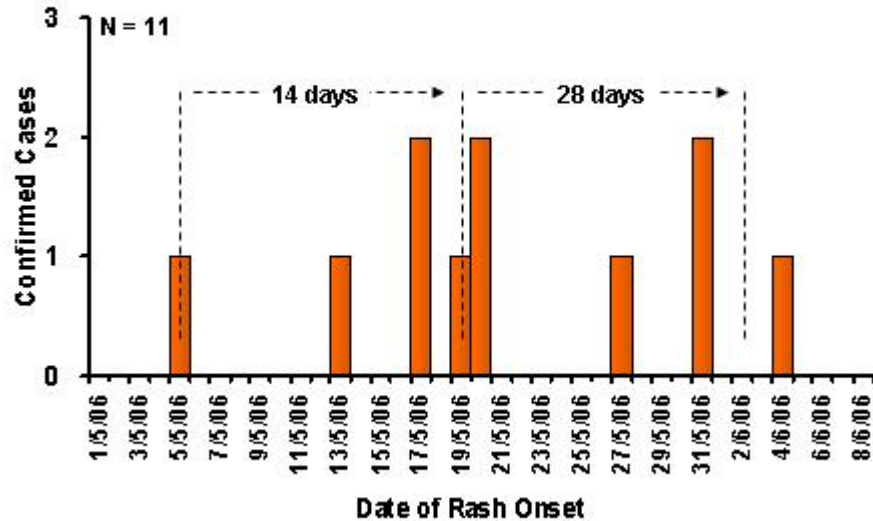




This week's graph relates to a measles outbreak that is occurring in Boston, USA. The first case-patient contracted the infection in India. One of the ten subsequent case-patients works at a religious organization which does not routinely accept vaccinations. Although no exposure has been identified at this organization, a potentially large pool of susceptible individuals might exist. While evaluating the risk of measles virus spread following an importation, countries should be mindful of the existence and location of population groups not accepting vaccinations.

**Epidemic Curve of Confirmed Measles Cases
Boston, Massachusetts, USA, May-June 2006 ***



Source: Massachusetts Department of Public Health

* As of 8 June.

**Table No.1
Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period Between Weeks 01-22, 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	87	0	0	0	00/40	0	2	2	06/07	1	75	...	...	...
	COL	693	0	0	0	02/39	0	0	0	06/09	16	628	95	0	...
	ECU	224	0	0	0	01/14	0	0	0	04/45	29	190	3	0	...
	PER	988	0	0	0	00/13	22	248	270	06/21	0	408	60	1	2
	VEN	656	0	49	49	06/18	0	73	73	06/21	77	463	...	...	...
BRA	BRA	5106	0	0	0	05/29	5	30	35	06/21	0	4492	48	0	...
CAP	COR	17	0	0	0	05/22	0	0	0	01/42	0	14	0	0	...
	ELS	43	0	0	0	01/19	0	0	0	03/31	2	41	...	...	...
	GUT	285	0	0	0	98/05	0	4	4	06/12	6	271	0	0	...
	HON	37	0	0	0	97/29	0	0	0	04/11	0	37	8	0	...
	NIC	76	0	0	0	94/14	0	0	0	04/19	0	76	0	0	...
	PAN	91	0	0	0	95/49	0	0	0	02/48	1	86	0	0	...
CAR	CAR	80	0	0	0	98/23	0	0	0	01/27	6	72	1	0	...
LAC	CUB	473	0	0	0	93/27	0	0	0	04/11	0	322	0	0	...
	DOR	108	0	0	0	01/23	0	0	0	05/37	0	80	...	...	...
	FGU	63	0	0	0	...	...	...	...	...	0	63	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	44	0	0	0	01/39	0	0	0	04/25	0	19	7	0	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	0	0	0	...	...	...	...	...	...	...	...	...	...
MEX	MEX	1735	0	22	22	06/07	0	6	6	06/17	0	1011	0	0	...
NOA	CAN	...	0	7	7	06/20	...	...	...	05/25	...	...	...	...	...
	USA	...	0	19	19	06/22	0	3	3	06/19	...	...	...	...	...
SOC	ARG	110	0	0	0	00/11	0	0	0	04/50	0	105	...	...	...
	CHI	116	0	0	0	03/19	0	0	0	05/21	0	107	86	0	...
	PAR	281	0	0	0	98/44	0	0	0	05/21	13	268	1	0	...
	URU	2	0	0	0	99/08	0	0	0	01/37	0	0	0	0	...
TOTAL		11315	0	97	97	-	27	366	393	-	151	8828	309	1	2

... No report received

* Congenital Rubella Infection



Measles / Rubella Surveillance

Table No.2

Infection Source of Measles and Rubella Confirmed Cases for the Period Between Weeks 01-22, 2006

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN	1	41	7				
BRA	BRA							
	COR							
	ELS							4
	GUT							
	HON							
CAP	NIC							
	PAN							
	CAR							
	LAC							
	CUB							
DOR	DOR							
	FGU							
	GUA							
	HAI							
	MAR							
MEX	PUR							
	MEX	22						4
	CAN	2						
	USA	2		10				
	NOA							
SOC	ARG							
	CHI							
	PAR							
	URU							
	TOTAL	27	41	17				8

Table No.3

Measles/Rubella Suspected Cases Under Investigation for the Period Between Weeks 01-22, 2006

Country	Pending Cases 2005	Cumulative 2006	Week of Rash Onset							Unkn.
			1-17	18	19	20	21	22		
BOL	0	9	4	0	1	4	0	0		
COL	22	49	33	4	6	0	0	0	6	
ECU	0	5	0	0	0	0	1	4		
PER	1286	310	271	12	4	17	5	1		
VEN	0	0	0	0	0	0	0	...		
BRA	0	579	343	50	65	56	65	...		
COR	0	0	0	...	...	...	...	...
ELS	0	0	0	0	0	...	...	...
GUT	0	4	0	0	1	3	0	0		
HON	0	0	0	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	4	0	0	0	2	1	1		
CAR	0	2	2	0	0	0	0	0		
LAC	62	151	69	0	33	49	...	...
CUB	0	28	12	3	9	4	0	...		
DOR	0	0	0	0	0	0	0	...		
FGU	0	0	0	0	0	0	0	...		
GUA	...	...	...	...	...	...	...	...
HAI	0	25	11	0	0	3	8	1	2	
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	696	551	27	38	37	35	8		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	5	4	0	0	0	0	...	1	
CHI	0	9	1	0	0	4	0	4		
PAR	0	0	0	0	0	0	0	0		
URU	0	2	2	0	0	0	0	0		
TOTAL	1370	1878	1303	96	157	179	115	19	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 Between Weeks 01-22, 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	18	98	99	78	90	100		
	COL	91	48	93	76	80	98		
	ECU	66	59	97	86	85	100		
	PER	100	88	92	81	50	93		
	VEN	72	83	98	69	71	99	2	
BRA	BRA	94	71 ^a	74	33	59	99		
	COR	82	85	100	78	100	100		
	ELS	93	56	95	100	86	100		
	GUT	46	91	97	74	97	98		
	HON	93	89	100	84	95	100		
CAP	NIC	100	63	100	50	95	99		
	PAN	93	82	99	66	96	99		
	CAR	99	88	99	37	95	99		
	LAC	95	90 ^a	100	35	100	68		
	CUB	85	60	99	65	72	100		
DOR	DOR	...	...	...	...	...	...
	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	67	98	95	30	...	89		
	MAR	...	...	...	...	...	...
MEX	PUR	...	...	...	...	...	...
	MEX	93	99 ^b	98	73	42	100	4	
	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
	NOA	...	...	...	...	...	...
SOC	ARG	73	5	94	65	81	100		
	CHI	91	21	91	78	91	100		
	PAR	90	77	99	83	100	100		
	URU	57	...	100	...	...	...
	TOTAL	85	77	86	54	64	97	6	

... No report received

^a Also includes information on active case-searches^b Only considers home visit within 48 hours of notification

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