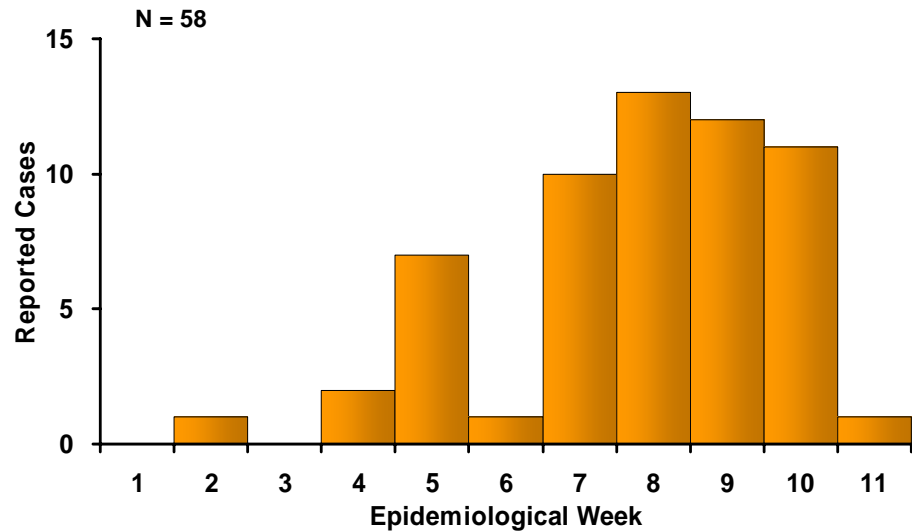




This week's graph shows the epidemic curve of a measles outbreak occurring in Madrid, Spain. The first patient mainly lives in the United Kingdom; he fell ill on 9 January, one day after arriving in Spain. Measles was not diagnosed until 3 February, when a secondary case was detected. Fifty-nine cases have been reported until 16 March; measles virus of genotype B3 was detected in 13 patients.

The patient from whom the outbreak in Venezuela originated was in Madrid between 1 and 13 February; rash onset occurred upon his return to Caracas on 23 February. Sequencing of the measles virus isolated in this patient is pending.

Measles Outbreak in the Region of Madrid, Spain, 2006 *



* Cases reported until 16 March 2006 (Epidemiological Week 11).

Source: Eurosurveillance, March 30, 2006, vol. 11, no. 3 (<http://www.eurosurveillance.org/ew/2006/060330.asp#3>)

Table No.1

Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period Between Weeks 01-13, 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	47	0	0	0	00/40	0	2	2	06/07	0	42	...	...	...
	COL	225	0	0	0	02/39	0	1	1	06/09	8	186	47	0	...
	ECU	104	0	0	0	01/14	0	0	0	04/45	13	88	1	0	...
	PER	661	0	0	0	00/13	0	110	110	06/10	0	142	60	1	2
	VEN	234	0	21	21	06/12	0	37	37	06/12	14	162	...	...	...
BRA	BRA	2854	0	0	0	05/29	2	13	15	06/09	0	2079	27	0	...
CAP	COR	17	0	0	0	05/22	0	0	0	01/42	0	0	0	0	...
	ELS	31	0	0	0	01/19	0	0	0	03/31	2	29	...	...	...
	GUT	150	0	0	0	98/05	0	2	2	06/12	2	146	0	0	...
	HON	18	0	0	0	97/29	0	0	0	04/11	0	18	4	0	...
	NIC	26	0	0	0	94/14	0	0	0	04/19	0	26	0	0	...
	PAN	50	0	0	0	95/49	0	0	0	02/48	1	47	0	0	...
CAR	CAR	42	0	0	0	98/23	0	0	0	01/27	6	32	0	0	...
LAC	CUB	201	0	0	0	93/27	0	0	0	04/11	0	133	0	0	...
	DOR	55	0	0	0	01/23	0	0	0	05/37	0	0	...	...	...
	FGU	31	0	0	0	...	...	...	...	...	0	31	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	7	0	0	0	01/39	0	0	0	04/25	0	2	6	0	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	0	0	0	...	...	...	...	...	...	...	...	...	...
MEX	MEX	660	0	22	22	06/07	0	2	2	06/10	0	186	0	0	...
NOA	CAN	...	0	1	1	06/07	...	...	...	05/25	...	...	...	...	...
	USA	...	0	3	3	06/04	0	0	0	05/52	...	...	...	...	...
SOC	ARG	32	0	0	0	00/11	0	0	0	04/50	0	21	...	...	...
	CHI	59	0	0	0	03/19	0	0	0	05/21	0	54	61	0	...
	PAR	153	0	0	0	98/44	0	0	0	05/21	0	152	0	0	...
	URU	1	0	0	0	99/08	0	0	0	01/37	0	0	0	0	...
TOTAL		5658	0	47	47	-	2	167	169	-	46	3576	206	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 01-13, 2006

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU						1	
	PER							
	VEN	1	20					
BRA	BRA							
	CAP							
	COR							
	ELS							
	GUT							
CAR	HON							
	NIC							
	PAN							
	LAC							
	CUB							
MEX	DOR							
	FGU							
	GUA							
	HAI							
	MAR							
NOA	PUR							
	MEX	22						
	CAN	1						
SOC	USA	3						
	ARG							
	CHI							
	PAR							
TOTAL	27	20				1		

Table No.3
Measles/Rubella Suspected Cases Under Investigation
for the Period Between Weeks 01-13, 2006

Country	Pending Cases 2005	Cumulative 2006	Week of Rash Onset							Unkn.
			1-8	9	10	11	12	13		
BOL	0	3	1	1	1	0	0	0		
COL	55	31	18	0	3	1	4	2	3	
ECU	0	3	2	1	0	0	0	0		
PER	1962	409	386	12	11	0	0	0		
VEN	0	0	0	0	0	0	0	0		
BRA	123	629	539	14	21	25	30	...		
COR	0	3	0	0	0	0	0	0	3	
ELS	0	0	0	0	0	0	0	0		
GUT	0	0	0	0	0	0	0	0		
HON	0	0	0	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	2	0	1	0	0	1	0		
CAR	0	4	1	1	2	0	0	0		
LAC	150	68	0	0	16	52	...	...
DOR	4	55	42	4	7	2	0	0		
FGU	0	0	0	0	0	0	0	0		
GUA	...	...	...	...	...	...	...	...
HAI	0	5	2	2	0	0	0	1		
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	450	263	65	44	36	28	14		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	6	11	10	0	0	0	0	0	1	
CHI	4	5	3	0	1	1	0	0		
PAR	1	1	0	0	0	1	0	0		
URU	0	1	0	0	0	1	0	0		
TOTAL	2305	1680	1267	101	106	119	63	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 Between Weeks 01-13, 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	39	96	100	84	93	100		
	COL	92	50	94	76	64	98		
	ECU	54	63	95	91	79	98		
	PER	100	87	93	82	33	97		
	VEN	72	65	97	62	52	99		
BRA	BRA	93	62 ^a	65	33	89	98		
	CAP	82	85	100	78	100	100		
	COR	92	55	97	100	84	100		
	ELS	45	93	99	71	96	99		
	GUT	93	94	100	89	100	100		
CAR	HON	100	62	100	62	92	100		
	NIC	94	84	98	64	94	98		
	PAN	99	83	98	40	100	100		
	LAC	96	88 ^a	100	30	100	66		
	CUB	84	51	100	67	73	...		
MEX	DOR	...	...	...	...	...	...
	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	57	86	100	40	0	50		
	MAR	...	...	...	...	...	...
NOA	PUR	...	...	...	...	...	...
	MEX	92	99 ^b	100	76	40	0	4	
	CAN	...	...	...	...	...	...
SOC	USA	...	...	...	...	...	...
	ARG	84	3	94	79	69	100		
	CHI	84	10	97	86	86	100		
	PAR	88	71	100	84	100	100		
URU	56	0	100	...	...	...
Total and Average	86	71	81	53	75	97	4		

... No report received

^a Also includes information on active case-searches

^b Only considers home visit within 48 hours of notification