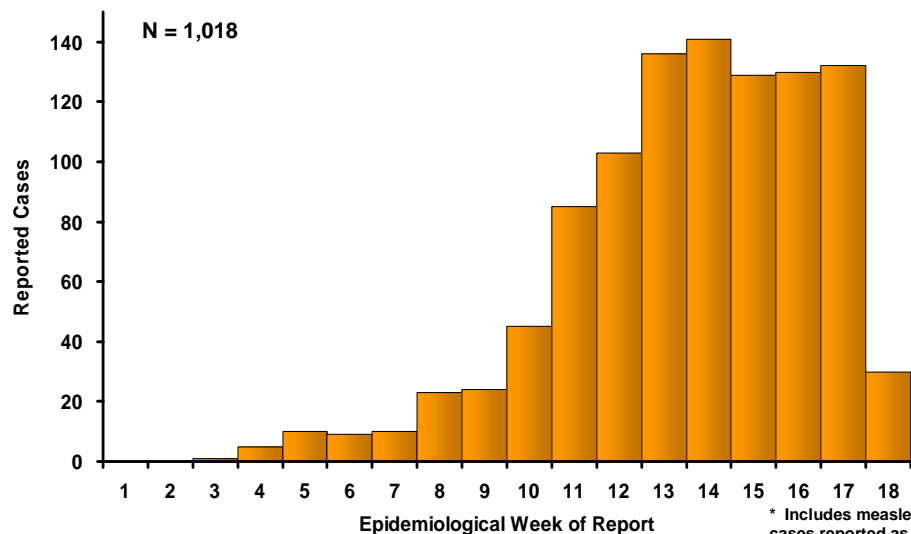




Measles Cases—North Rhine-Westphalia, Germany, 2006 *

This week's graph relates to a large, ongoing measles outbreak in the German region of North Rhine-Westphalia. Six of the eight teams representing the Americas in the upcoming World Soccer Cup are scheduled to play in games held in cities of this region; it is likely that residents of the Americas traveling to Germany will be exposed to measles virus. Countries should recommend that their residents traveling outside the Western Hemisphere be immune to measles and ensure that health professionals of the public and private sectors are alert to possible measles virus importations.



Note: An update on this outbreak was recently published as *Eurosurveillance Weekly Release* (11 May 2006; available online at <http://www.eurosurveillance.org/ew/2006/060511.asp#1>)

* Includes measles cases reported as of 3 May 2006. Number of cases for week 18 is underestimated due to data transmission delay to federal agency.

Source: *Epidemiological Bulletin* 18/2006, Robert Koch Institute, Berlin

Table No.1
Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period Between Weeks 01-19, 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	75	0	0	0	00/40	0	2	2	06/07	1	69	...	...	...
	COL	341	0	0	0	02/39	0	1	1	06/09	12	300	68	0	...
	ECU	182	0	0	0	01/14	0	0	0	04/45	25	157	1	0	...
	PER	661	0	0	0	00/13	0	110	110	06/10	0	142	60	1	2
	VEN	447	0	49	49	06/18	0	59	59	06/18	37	309	...	...	...
BRA	BRA	3856	0	0	0	05/29	5	28	33	06/17	0	3688	34	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	271	0	0	0	98/05	0	4	4	06/12	2	264	0	0	...
	HON	27	0	0	0	97/29	0	0	0	04/11	0	27	6	0	...
	NIC	62	0	0	0	94/14	0	0	0	04/19	0	62	0	0	...
	PAN	75	0	0	0	95/49	0	0	0	02/48	1	71	0	0	...
CAR	CAR	70	0	0	0	98/23	0	0	0	01/27	6	36	1	0	...
LAC	CUB	391	0	0	0	93/27	...	...	...	04/11	0	211	0	0	...
	DOR	94	0	0	0	01/23	0	0	0	05/37	0	80	...	...	...
	FGU	31	0	0	0	...	...	...	...	...	0	31	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	30	0	0	0	01/39	0	0	0	04/25	0	18	6	0	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	0	0	0	...	...	...	...	...	...	...	...	...	...
MEX	MEX	1462	0	22	22	06/07	0	5	5	06/18	0	590	0	0	...
NOA	CAN	...	0	6	6	06/19	...	...	...	05/25	...	...	...	...	...
	USA	...	0	14	14	06/19	0	1	1	06/13	...	...	...	...	...
SOC	ARG	98	0	0	0	00/11	0	0	0	04/50	0	95	...	...	...
	CHI	97	0	0	0	03/19	0	0	0	05/21	0	77	85	0	...
	PAR	253	0	0	0	98/44	0	0	0	05/21	11	242	1	0	...
	URU	2	0	0	0	99/08	0	0	0	01/37	0	0	0	0	...
TOTAL		8585	0	91	91	-	5	210	215	-	97	6524	262	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 01-19, 2006

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

Table No.3

Measles/Rubella Suspected Cases Under Investigation for the Period Between Weeks 01-19, 2006

Country	Pending Cases 2005	Cumulative 2006	Week of Rash Onset							Unkn.
			1-14	15	16	17	18	19		
BOL	0	3	1	1	1	0	0	0		
COL	46	29	18	1	2	1	3	2	2	
ECU	0	0	0	0	0	0	0	0		
PER	1962	691	408	48	67	59	109	...		
VEN	0	0	0	0	0	0	0	0		
BRA	3	691	408	48	67	59	109	...		
COR	0	3	3	...	...	...	...	...
ELS	0	0	0	0	0	0	0	0		
GUT	0	1	0	0	0	0	1	0		
HON	0	0	0	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	3	2	1	0	0	0	0		
CAR	0	28	13	3	3	3	5	1		
CUB	100	180	97	9	23	51	...	...
DOR	0	14	5	0	3	3	2	1		
FGU	0	0	0	...	...	...	...	...
GUA	...	...	...	...	...	...	...	...
HAI	0	12	3	5	2	1	0	0	1	
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	845	675	45	61	34	16	14		
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	3	3	3	0	0	0	0	0		
CHI	0	20	5	0	2	5	5	3		
PAR	0	0	0	0	0	0	0	0		
URU	0	2	2	0	0	0	0	0		
TOTAL	2114	2525	1643	161	231	216	250	21	3	

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 01-19, 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	25	97	100	82	90	100		
	COL	91	45	95	76	76	97		
	ECU	65	59	99	87	84	99		
	PER	100	87	93	82	33	97		
	VEN	72	79	97	66	62	99	2	
BRA	BRA	94	72 ^a	74	33	59	99		
	COR	82	85	100	78	100	100		
	ELS	93	56	95	100	86	100		
	GUT	46	92	99	74	96	98		
	HON	93	93	100	85	100	100		
CAP	NIC	100	61	100	44	90	97		
	PAN	93	84	99	61	95	99		
	CAR	99	79	97	41	100	98		
	CUB	96	87 ^a	100	30	100	54		
	DOR	85	57	99	63	72	100		
LAC	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	67	97	97	43	0	89		
	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
MEX	MEX	93	99 ^b	98	68	30	100	4	
	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
SOC	ARG	72	4	94	64	81	100		
	CHI	91	12	91	76	90	100		
	PAR	90	73	100	84	100	100		
	URU	57	0	100	...	...	...
Total and Average		86	77	87	53	60	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>