



2006 World Soccer Cup in Germany and Risk of Measles Virus Importation into the Americas

Recent measles outbreaks have been reported in several European countries: Denmark, Germany, Greece, Spain, Sweden, and Ukraine. Since January 2006, the German region of North Rhine-Westphalia has reported 1,106 cases (data as of 10 May). Six of the eight teams representing countries of the Americas to the World Cup are scheduled to play in that region.

There is a real possibility that residents of the Americas traveling to Germany will be exposed to measles virus. PAHO recommends that every country in the Region adopt the following measures to prevent importation of measles virus to the Americas from overseas:

1. Any resident of the Americas traveling outside the Western Hemisphere should be immune to measles **before** departure; and
2. Health care workers in the **public and private** sectors should be alerted to the possibility of measles importations.

Schedule of 2006 First Round World Soccer Cup Games of Teams from the Americas to be Held in North Rhine-Westphalia, Germany

Date	City	Team from the Americas Playing
9-Jun-06	Gelsenkirchen	Ecuador
10-Jun-06	Dortmund	Trinidad and Tobago
12-Jun-06	Gelsenkirchen	United States
16-Jun-06	Gelsenkirchen	Argentina
21-Jun-06	Gelsenkirchen	Mexico
22-Jun-06	Dortmund	Brazil

For more information, please consult the Immunization web page at: <http://www.paho.org/english/ad/fch/im/Vaccines.htm>

Table No.1
Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period Between Weeks 01-20, 2006

Subregion and Country	Suspect Cases 2006	Measles Confirmed 2006			Year/Week Last Confir. Measles Case	Rubella Confirmed 2006			Year/Week Last Confir. 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	498	0	0	0	02/39	0	0	0	06/09	14	440	89	0	
	ECU	200	0	0	0	01/14	0	0	0	04/45	25	168	1	0	
	PER	963	0	0	0	00/13	21	240	261	06/20	0	395	60	1	
BRA	VEN	547	0	49	49	06/18	0	69	69	06/20	62	373	...	...
	BRA	4647	0	0	0	05/29	5	28	33	06/17	0	3992	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	273	0	0	0	98/05	0	4	4	06/12	2	264	0	0	
	HON	28	0	0	0	97/29	0	0	0	04/11	0	28	8	0	
	NIC	62	0	0	0	94/14	0	0	0	04/19	0	62	0	0	
	PAN	80	0	0	0	95/49	0	0	0	02/48	1	75	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	0	0	0	04/11	0	211	0	0
MEX	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	1538	0	22	22	06/07	0	5	5	06/18	0	744	0	0
NOA	CAN	...	0	7	7	06/20	...	...	...	05/25	...	...	...	...
	USA	...	0	13	13	06/19	0	2	2	06/19	...	...	...	...
SOC	ARG	98	0	0	0	00/11	0	0	0	04/50	0	95	...	...
	CHI	103	0	0	0	03/19	0	0	0	05/21	0	92	85	0	
	PAR	262	0	0	0	98/44	0	0	0	05/21	13	249	1	0	
	URU	2	0	0	0	99/08	0	0	0	01/37	0	0	0	0	
TOTAL	10052	0	91	91	-	26	350	376	-	126	7477	285	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 01-20, 2006

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

Table No.3
Measles/Rubella Suspected Cases Under Investigation
for the Period Between Weeks 01-20, 2006

Country	Pending Cases 2005	Cumulative 2006	Week of Rash Onset							Unkn.
			1-15	16	17	18	19	20		
BOL	0	3	2	1	0	...	...	...
COL	23	44	22	7	0	3	7	2	3	
ECU	0	7	0	0	0	1	3	3		
PER	1510	307	262	7	3	16	6	13		
VEN	0	0	0	0	0	0	0	0		
BRA	3	622	400	46	39	62	75	...		
COR	0	3	3	...	...	...	...	...
ELS	0	0	0	0	0	0	0	...		
GUT	0	3	0	0	0	2	1	0		
HON	0	0	0	0	0	0	0	0		
NIC	0	0	0	0	0	0	0	0		
PAN	0	4	3	0	0	1	0	0		
CAR	0	28	16	3	3	5	1	0		
CUB	100	180	106	23	51	...	...	...
DOR	0	14	5	3	3	2	1	...		
FGU	0	0	...	...	...	...	...	...
GUA	...	...	...	...	...	...	...	...
HAI	0	12	8	2	1	0	0	0	1	
MAR	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...
MEX	0	767	588	55	42	27	33	20	2	
CAN	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...
ARG	0	3	3	0	0	0	0	...		
CHI	0	11	4	0	1	1	2	3		
PAR	0	0	0	0	0	0	0	0		
URU	0	2	2	0	0	0	0	0		
TOTAL	1636	2010	1424	147	143	120	129	41	6	

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 01-20, 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	49	94	78	79	97		
	ECU	63	57	96	87	84	99		
	PER	100	89	93	80	49	93		
	VEN	72	81	97	66	68	99	2	
BRA	BRA	94	72 ^a	74	33	59	99		
	CAP								
	COR	82	85	100	78	100	100		
	ELS	93	56	95	100	86	100		
	GUT	46	92	98	74	96	98		
CAR	HON	93	93	100	82	100	100		
	NIC	100	61	100	44	90	97		
	PAN	93	85	99	63	95	99		
	LAC								
	CAR	99	79	97	41	100	98		
MEX	CUB	96	87 ^a	100	30	100	54		
	DOR	85	57	99	63	72	100		
	FGU	...	...	...	...	...	...
	GUA	...	...	...	...	...	...
	HAI	67	97	97	40	0	89		
NOA	MAR	...	...	...	...	...	...
	PUR	...	...	...	...	...	...
	MEX	93	99 ^b	98	68	32	100	4	
SOC	CAN	...	...	...	...	...	...
	USA	...	...	...	...	...	...
	ARG	72	4	94	64	81	100		
	CHI	91	14	91	76	91	100		
PAR	90	73	100	84	100	100			
URU	57	0	100	...	...	...
Total and Average	86	77	86	53	61	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>