



Measles virus continues to circulate in 38 European countries, resulting in a total of 7,028 cases this year (up to 6 May 2011). The age group most affected by these outbreaks are persons aged <20 years. As part of the rubella and congenital rubella syndrome elimination initiative, countries of the Americas implemented wide-spread vaccination of adolescents and young adults ("speed-up" campaigns) with measles-rubella (MR) vaccine, contributing to the significant reduction of measles susceptibles in this age group.

Measles Outbreak in Europe, 2011

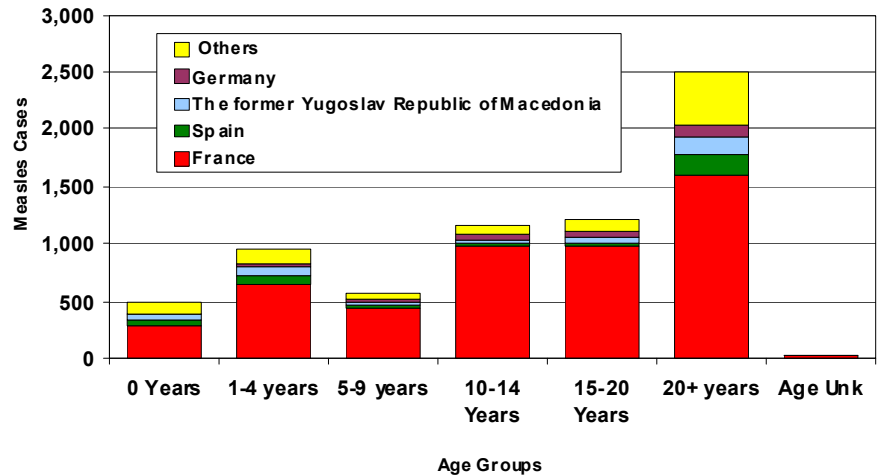


Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-20, 2011

Subregion and Country	Susp. Cases 2011	Measles Confirmed 2011			Year/Week Last Conf. Measles case	Rubella Confirmed 2011			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2011		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	62	0	0	0	00/40	0	0	0	06/03	2	56	...	...	...	...
	COL	528	0	0	0	02/39	0	0	0	09/18	0	476	96	0	...	2005/34
	ECU	194	0	0	0	08/21	0	0	0	04/45	14	160	0	0	...	...
	PER	143	0	0	0	08/18	0	0	0	06/45	0	117	...	...	...	2007/16
	VEN	21	0	0	0	07/07	0	0	0	10/03	5	7	0	0	0	...
BRA	BRA	2193	0	10	10	11/16	0	0	0	09/41	0	1647	0	0	...	2009/34
CAP	COR	0	0	0	0	05/22	0	0	0	01/42	0	0	0	0	0	...
	ELS	112	0	0	0	01/19	0	0	0	06/30	4	4	46	0	0	2001/xx
	GUT	68	0	0	0	98/05	0	0	0	06/30	3	30	0	0	0	...
	HON	26	0	0	0	97/29	0	0	0	04/11	1	21	12	0	0	...
	NIC	38	0	0	0	94/14	0	0	0	04/19	0	38	...	...	...	...
	PAN	28	0	4	4	11/20	0	0	0	02/48	1	25	0	0	0	1999/xx
CAR	CAR	128	0	0	0	08/21	0	0	0	08/18	0	0	0	0	0	...
LAC	CUB	514	0	0	0	93/27	0	0	0	04/06	0	514	0	0	...	...
	DOR	51	0	1	1	11/18	0	0	0	06/44	0	49	0	0	...	...
	FGU	...	...	...	...	10/15	...	...	...	10/06	...	...	...	...	...	...
	GUA	...	...	11	11 ^c	11/18	...	...	...	...	...	...	...	...	...	...
	HAI	...	0	0	0	01/39	0	0	0	06/47	...	...	...	...	...	...
	MAR	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	...	...	...	...	06/49	...	...	...	08/20	...	...	...	...	...	...
NOA	CAN	...	...	111	111 ^a	11/17	0	0	0	10/17	...	...	1	1 ^b	...	...
	USA	...	...	118	118 ^a	11/19	0	3	3	11/18	...	...	0	0	...	...
SOC	ARG	5	...	3	3	11/11	...	3	3	11/05	0	0	0	0	0	...
	CHI	132	0	5	5	11/16	0	0	0	08/30	0	91	23	0	...	...
	PAR	234	0	0	0	98/44	0	0	0	05/21	3	228	0	0	0	...
	URU	0	0	0	0	99/08	0	0	0	01/37	0	0	0	0	0	...
TOTAL		4477	0	265	265	--	0	6	6	--	33	3463	178	1	0	--

... No report received; * Congenital Rubella Infection; (a) Provisional data; (b) imported;

(c) Five cases have been notified in the island of Saint Martin (1 import and 4 import-related), For the surveillance of vaccine-preventable diseases, Saint Martin reports cases to Guadeloupe's Regional Agency of Health.



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-20, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA CAP	BRA	4	3		3				
	COR								
	ELS								
	GUT								
	HON								
CAR LAC	NIC	4							
	PAN								
	CAR								
	CUB								
	DOR	1							
MEX NOA	FGU								
	GUA	3	8						
	HAI								
	MAR	2							
	PUR								
SOC	MEX				81				
	CAN	11	19		2	1			
	USA	56	49		13				
TOTAL	ARG	1	2						3
	CHI	1	4						
	PAR								
	URU								
TOTAL		83	85		97	2	1		3

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-20, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset							% Pend.Cases
			1-15	16	17	18	19	20		
BOL	0	4	3	0	0	0	1	0	6	
COL	21	52	37	3	5	5	2	0	10	
ECU	1	20	20	0	...	...	...	...	10
PER	19	26	23	0	...	...	...	...	18
VEN	2	9	9	...	...	...	...	...	43
BRA	110	537	400	26	34	48	29	...	26	
COR	0	0	0	...	...	...	...	...	0
ELS	0	0	0	...	...	...	...	...	0
GUT	0	35	31	1	3	0	0	0	52	
HON	3	0	0	0	0	0	0	0	0	
NIC	0	0	0	0	0	0	0	0	0	
PAN	1	2	1	0	1	0	0	0	7	
CAR	0	128	110	4	4	9	1	0	100	
CUB	0	0	0	0	0	0	0	0	0	
DOR	3	2	1	0	0	1	0	0	4	
FGU	0	...	...	...	...	...	...	...	...
GUA	...	...	...	...	...	...	...	...	...
HAI	21	...	...	...	...	...	...	...	...
MAR	...	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...	...
MEX	163	...	...	...	...	...	...	...	...
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	1	5	5	...	...	...	...	...	100
CHI	10	36	17	3	3	3	5	4	27	
PAR	1	2	2	0	0	0	0	0	1	
URU	0	0	0	...	...	...	...	...	0
TOTAL		356	858	659	37	50	66	38	4	19

I: Imported; IR: Import-related; CAC: Country-acquired case
U: Unknown.

... No report received

Table 4.
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-20, 2011

Subregion and Country		Sites Reporting Weekly		% Cases with Adequate Investigation	% Cases with Adequate Sample	% Blood Samples Received in Lab. ≤5 days	% Lab. Results ≤4 days	Rate of Suspected Cases Last 52 weeks (2010/21-2011/20)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	0	100	100	91	89	1.2	0.0
	COL	4827	91	27	33	93	94	5.1	2.6
	ECU ^a	472	...	76	97	94	82	5.1	0.0
	PER	43	...	83	94	67	72	1.1	0.0
	VEN ^a	3283	...	95	100	76	24	0.9	0.0
BRA CAP	BRA	...	84	94	...	97	...	4.3	0.0
	COR ^a	57	...	0	0	0	0	0.7	0.0
	ELS ^a	893	...	84	100	100	79	4.1	3.8
	GUT ^a	1506	0	96	96	96	66	2.1	0.3
	HON ^a	469	93	69	100	100	96	1.2	1.1
CAR LAC	NIC	56	0	92	100	100	82	1.7	0.0
	PAN ^a	202	0	82	100	100	96	1.9	0.0
	CAR	748	0	61	99	96	93	5.6	0.0
	CUB	444	...	100	100	100	100	9.9	0.0
	DOR	251	0	47	90	66	50	1.3	0.0
MEX NOA	FGU	...	...	...	...	...	...	7.1	...
	GUA	...	...	...	...	...	...	...	...
	HAI	76	...	...	...	...	...	0.1	0.0
	MAR	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...
SOC	MEX	...	...	...	...	...	...	1.3	0.0
	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
TOTAL	ARG ^a	409	...	20	0	0	0	0.0	0.0
	CHI	569	99	20	68	83	95	1.3	5.7
	PAR ^a	600	90	41	98	88	99	5.5	0.0
	URU ^a	155	...	0	0	0	0	0.4	0.0
Total and Average		17717	87	81	84	95	90	2.8	0.4

... No report received; (a) Countries using ISIS.