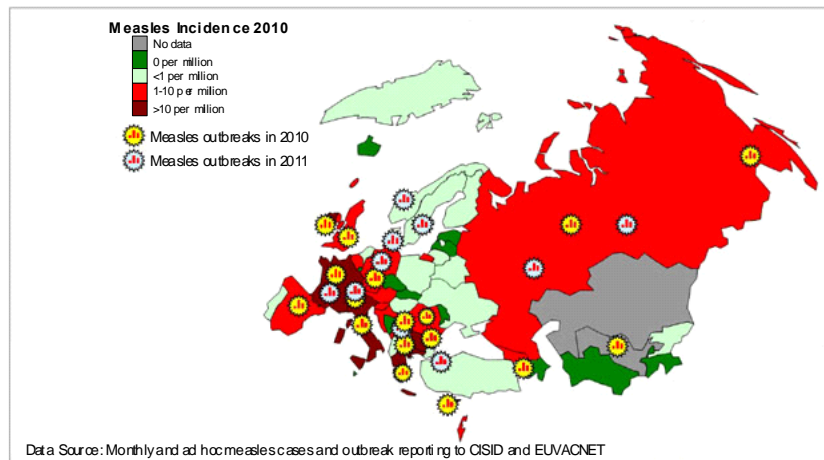




As of 18 April 2011 a total of 33 countries in Europe have reported more than 6,500 measles cases. Epidemiological investigations and genotyping have confirmed transmission of measles virus from countries of Europe to Argentina, Brazil, Canada, Chile, and the United States in 2011. PAHO has circulated an epidemiological alert recommending that countries ensure high vaccination coverage and heighten surveillance.

Measles Incidence in 2010 and Measles Outbreaks Between January 2010 and February 2011 European Region



Graph source: EURO/WHO

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-17, 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.	CR1*		
AND	BOL	12	0	0	0	00/40	0	0	0	06/03	0	5	...	...	...	...
	COL	388	0	0	0	02/39	0	0	0	09/18	0	340	72	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	1903	0	4	4	11/14	0	0	0	09/41	0	1386	0	0	...	2009/34
	CAP	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	62	0	0	0	98/05	0	0	0	06/30	3	30	0	0	0	...
	HON	20	0	0	0	97/29	0	0	0	04/11	0	15	0	0	0	...
CAR	NIC	35	0	0	0	94/14	0	0	0	04/19	0	35	...	...	...	...
	PAN	18	0	0	0	95/49	0	0	0	02/48	0	17	0	0	0	1999/xx
	CAR	104	0	0	0	08/21	0	0	0	08/18	0	0	0	0	0	...
	LAC	476	0	0	0	93/27	0	0	0	04/06	0	476	0	0	...	...
	DOR	43	0	0	0	01/23	0	0	0	06/44	0	42	0	0	...	...
MEX	FGU	...	...	...	...	10/15	...	...	...	10/06	...	...	...	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	0	0	0	0	01/39	0	0	0	06/47	...	...	...	...	...	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NOA	MEX	...	...	...	...	06/49	...	...	...	08/20	...	...	...	...	...	...
	CAN	...	...	30	30 ^a	11/15	0	0	0	10/17	...	...	1	1 ^b	...	...
SOC	USA	...	...	89	89 ^a	11/17	0	1	1	11/15	...	...	0	0	...	...
	ARG	5	...	3	3	11/11	...	3	3	11/05	0	0	0	0	0	...
	CHI	86	0	5	5	11/16	0	0	0	08/30	0	26	23	0	...	...
	PAR	182	0	0	0	98/44	0	0	0	05/21	0	180	0	0	0	...
URU	0	0	0	0	99/08	0	0	0	01/37	0	0	0	0	0	...	
TOTAL	3804	0	131	131	--	0	4	4	--	26	2840	142	1	0	--	

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



Measles / Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-17, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA	2			2				
	COR								
	ELS								
	GUT								
	HON								
CAR	NIC								
	PAN								
	CAR								
	CUB								
	DOR								
SOC	FGU								
	GUA								
	HAI								
	MAR								
	PUR								
MEX	MEX								
	CAN	8	19		3				
	USA	43	40		6	1			
SOC	ARG	1	2						3
	CHI	1	4						
	PAR								
URU									
TOTAL		55	65		11	1			3

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-17, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset							% Pend.Cases
			1-12	13	14	15	16	17		
BOL	0	7	7	...	...	...	...	...	...	58
COL	23	48	36	10	2	0	0	0	0	12
ECU	1	20	9	2	7	2	0	...	...	10
PER	19	26	12	3	8	0	0	...	...	18
VEN	2	9	9	...	...	...	...	...	...	43
BRA	110	513	336	53	58	38	28	...	...	27
COR	58	0	0	0	0	0	...	...	...	0
ELS	0	0	0	0	0	0	...	...	...	0
GUT	0	29	15	6	2	5	1	0	0	47
HON	3	2	0	0	0	1	0	1	0	10
NIC	0	0	0	0	0	0	0	0	0	0
PAN	1	1	0	1	0	0	0	0	0	6
CAR	0	104	78	11	7	6	2	0	0	100
CUB	0	0	0	0	0	0	0	0	0	0
DOR	3	1	1	0	0	0	0	0	0	2
FGU	0	...	...	...	...	...	...	...	...	...
GUA	...	...	...	...	...	...	...	...	...	...
HAI	21	...	...	...	...	...	...	...	...	...
MAR	...	...	...	...	...	...	...	...	...	...
PUR	...	...	...	...	...	...	...	...	...	...
MEX	163	...	...	...	...	...	...	...	...	...
CAN	...	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...	...
ARG	1	5	5	...	...	...	...	...	...	100
CHI	9	55	21	7	5	10	6	5	0	64
PAR	1	2	1	0	1	0	0	0	0	1
URU	2	0	0	0	...	...	...	...	...	0
TOTAL	417	822	530	93	90	62	37	6	6	22

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 01-17, 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 (2010/18-2011/17)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	83	100	60	80	0.8	0.0
	COL	3640	0	71	90	90	92	5.0	2.5
	ECU ^a	472	...	76	97	94	82	5.3	0.0
	PER	43	...	83	94	67	72	1.2	0.0
	VEN ^a	3283	...	95	100	76	24	1.0	0.0
BRA	BRA	...	80	25	...	99	...	4.3	0.0
	COR ^a	57	...	0	0	0	0	0.8	0.0
	ELS ^a	893	...	84	100	100	79	4.2	3.8
	GUT ^a	1506	27	95	95	95	71	2.2	0.3
	HON ^a	469	90	75	100	100	85	1.2	0.5
CAR	NIC	99	10	94	100	91	80	1.7	0.0
	PAN ^a	202	6	78	100	100	94	1.7	0.0
	CAR	748	0	79	100	96	94	5.3	0.0
	CUB	444	100	100	100	100	100	10.1	0.0
	DOR	251	0	53	91	67	45	1.3	0.0
SOC	FGU	...	...	...	...	...	...	7.1	...
	GUA	...	...	...	...	...	...	...	...
	HAI	76	...	...	...	...	...	0.1	0.0
	MAR	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...
MEX	MEX	...	...	...	...	...	...	1.4	0.0
	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG ^a	409	...	20	0	0	0	0.0	0.0
	CHI	569	99	15	36	82	100	1.0	5.7
	PAR ^a	590	89	42	100	71	64	4.8	0.0
URU ^a	155	0	0	0	0	0	0	0.4	0.0
Total and Average		16563	76	51	94	94	86	2.9	0.4

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