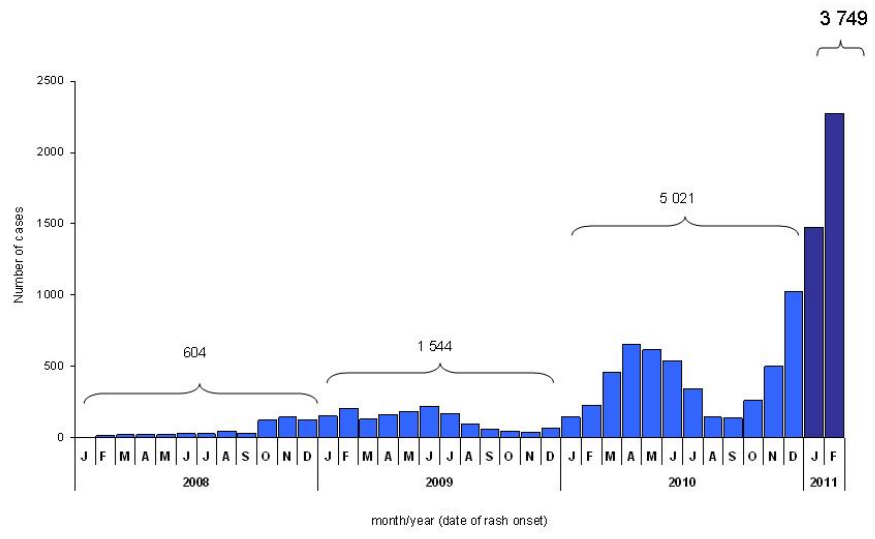




In 2011 there has been an increase in measles cases reported in Europe. The largest outbreaks have occurred in France, with 4,937 cases reported between January and March (data as of April – not all included in the graph). Other important outbreaks have occurred in Serbia, Spain (Andalucía), Macedonia, and Turkey.

PAHO urges countries of the Americas to strengthen measles epidemiological surveillance, as increased movement of people is expected for the Easter Week, thus increasing the risk of importation from affected countries into the Americas.

### Reported Measles Cases, France, 2008-2011\*



\* Provisional data as of 23 March 2011

Source: mandatory case reporting data – InVS, France. Available at: <http://www.invs.sante.fr/surveillance/rougeole/index.htm>

**Table.1**  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-15, 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.	CRIS*		
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	49	0	...	2005/34
	ECU	186	0	0	0	08/21	0	0	0	04/45	14	159	0	0	...	...
	PER	67	0	0	0	08/18	0	0	0	06/45	0	46	...	...	...	2007/16
	VEN	21	0	0	0	07/07	0	0	0	10/03	5	7	0	0	0	...
BRA	BRA	1596	0	3	3	11/09	0	0	0	09/41	...	1137	0	0	...	2009/34
CAP	COR	...	0	0	0	05/22	0	0	0	01/42	...	...	0	0	0	...
	ELS	112	0	0	0	01/19	0	0	0	06/30	4	4	46	0	0	2001/xx
	GUT	52	0	0	0	98/05	0	0	0	06/30	3	29	0	0	0	...
	HON	18	0	0	0	97/29	0	0	0	04/11	0	15	9	0	0	...
	NIC	33	0	0	0	94/14	0	0	0	04/19	0	33	...	...	...	...
	PAN	18	0	0	0	95/49	0	0	0	02/48	0	17	0	0	0	1999/xx
CAR	CAR	81	0	0	0	08/21	0	0	0	08/18	0	0	0	0	0	...
LAC	CUB	...	0	0	0	93/27	0	0	0	04/06	...	...	0	0	...	...
	DOR	40	0	0	0	01/23	0	0	0	06/44	0	39	0	0	...	...
	FGU	...	...	...	...	10/15	...	...	...	10/06	...	...	...	...	...	...
	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	HAI	...	0	0	0	01/39	0	0	0	06/47	...	...	...	...	...	...
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MEX	MEX	...	...	...	...	06/49	...	...	...	08/20	...	...	...	...	...	...
NOA	CAN	...	...	20	20 <sup>a</sup>	11/15	0	0	0	10/17	...	...	1	1 <sup>b</sup>	...	...
	USA	...	0	73	73 <sup>a</sup>	11/15	0	1	1	11/15	...	...	0	0	...	...
SOC	ARG	...	...	30	30	11/11	...	3	3	11/05	...	...	0	0	0	...
	CHI	47	0	4	4	11/11	0	0	0	08/30	0	19	23	0	...	...
	PAR	148	0	0	0	98/44	0	0	0	05/21	0	147	0	0	0	...
	URU	...	0	0	0	99/08	0	0	0	01/37	...	...	0	0	0	...
<b>TOTAL</b>		<b>2819</b>	<b>0</b>	<b>130</b>	<b>130</b>		<b>0</b>	<b>4</b>	<b>4</b>		<b>26</b>	<b>1997</b>	<b>128</b>	<b>1</b>	<b>0</b>	<b>--</b>

... 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 01-15, 2011

Subregion and Country		Measles				Rubella			
		I	IR	CAC	U	I	IR	CAC	U
AND	BOL								
	COL								
	ECU								
	PER								
	VEN								
BRA	BRA	2			1				
	CAP								
	COR								
	ELS								
	GUT								
CAR	HON								
	LAC								
	NIC								
	PAN								
	CAR								
MEX	CUB								
	NOA	8	19		3	1			
	CAN	41	27		5				
	USA		3						
	SOC	1	2		1				3
SOC	CHI								
	PAR								
	URU								
	TOTAL	52	51		10	1			3

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-15, 2011

Country	Pending Cases 2010	Cumulative 2011	Week of Onset							% Pend.Cases
			1-10	11	12	13	14	15		
BOL	0	7	7	...	...	...	...	...	58	
COL	23	48	23	5	8	10	2	0	9	
ECU	1	13	1	2	6	1	2	1	6	
PER	35	21	20	0	0	...	...	...	31	
VEN	2	9	9	...	...	...	...	...	43	
BRA	116	455	244	51	66	63	31	...	29	
COR	58	0	0	0	0	0	0	0	...	
ELS	0	0	0	0	0	0	0	0	0	
GUT	0	20	12	1	2	5	0	0	39	
HON	3	0	0	0	0	0	0	0	0	
NIC	0	0	0	0	0	0	0	0	0	
PAN	1	1	0	0	0	0	0	0	6	
CAR	0	81	59	3	8	6	5	0	100	
CUB	0	0	0	0	0	0	0	0	0	
DOR	3	1	1	0	0	0	0	0	3	
FGU	0	...	...	...	...	...	...	...	...	
GUA	...	...	...	...	...	...	...	...	...	
HAI	21	...	...	...	...	...	...	...	...	
MAR	...	...	...	...	...	...	...	...	...	
PUR	...	...	...	...	...	...	...	...	...	
MEX	163	...	...	...	...	...	...	...	...	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	1	5	5	0	0	0	0	0	100	
CHI	9	25	8	0	10	5	1	0	53	
PAR	1	1	1	0	0	0	0	0	1	
URU	2	0	0	0	0	0	0	0	0	
TOTAL	439	687	390	62	100	90	41	1	24	

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 01-15, 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 (2010/16-2011/15)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	100	100	60	80	0.9	0.0
	COL	3640	...	78	90	90	92	5.3	2.4
	ECU <sup>a</sup>	490	78	73	97	94	81	5.6	0.0
	PER	3703	...	85	88	60	62	1.2	0.0
	VEN <sup>a</sup>	3283	0	95	100	76	24	0.1	0.0
BRA	BRA	...	78	25	...	99	...	4.5	0.0
	CAP	57	0	...	...	...	...	0.8	0.0
	ELS <sup>a</sup>	893	0	84	100	100	79	4.3	0.0
	GUT <sup>a</sup>	1506	14	94	94	94	76	2.2	0.1
	HON <sup>a</sup>	445	97	78	100	100	89	1.3	0.9
CAR	NIC	185	100	88	100	97	79	1.8	0.0
	PAN <sup>a</sup>	202	86	78	100	100	94	1.8	0.0
	CAR	130	0	73	100	99	85	5.2	0.0
	LAC	444	...	100	100	100	100	9.4	0.0
	DOR	202	65	62	92	67	47	1.4	0.0
MEX	NOA	...	...	...	...	...	...	7.1	...
	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
	SOC	409	0	20	0	0	0	0.0	0.0
	CHI	569	99	16	68	82	100	0.9	6.5
SOC	PAR <sup>a</sup>	590	77	48	100	65	59	4.7	0.0
	URU <sup>a</sup>	155	0	...	...	...	...	0.6	0.0
	Total and Average	19636	74	52	95	94	84	3.0	0.4

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