

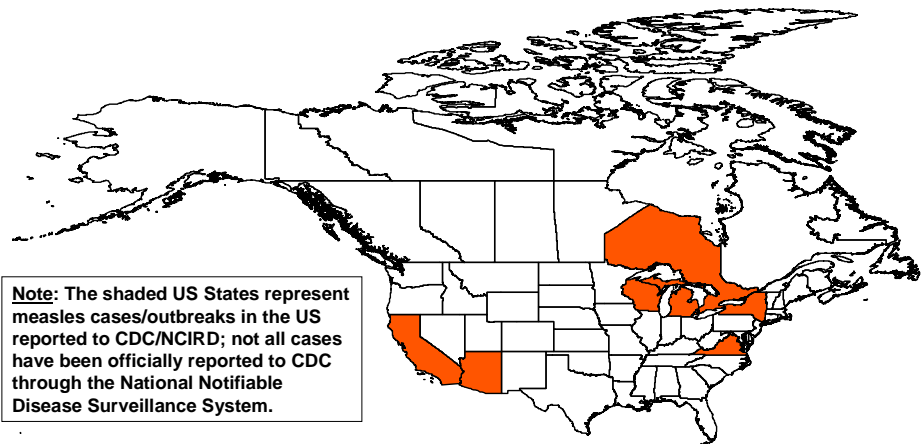


Measles remains endemic in Africa and Asia. In 2008, cases have also been reported in Austria, Denmark, France, Germany, Ireland, Israel, Norway, Spain, Switzerland, and the United Kingdom. The risk of importations to the Americas is real. Canada and the United States have reported outbreaks linked to importations and affected Provinces and States are conducting vaccination activities to control them.

References:

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- An outbreak of measles in Reims, eastern France, January-March 2008 - a preliminary report. Euro Surveill 2008;13(13). Available at: [http://www.eurosurveillance.org/edition/v13n13/080327\\_1.asp](http://www.eurosurveillance.org/edition/v13n13/080327_1.asp)
- CDC. 2008 Measles update. Available at: <http://www.cdc.gov/travel/contentMeasles.aspx>
- Upsurge in Measles Across Europe: EU Agency. Agence France Presse (04/11/08). Available at: <http://afp.google.com/article/ALeqM5hCohf4QL7c kW3gNHe4WvmvmiQwVgw>

**Provinces and States Reporting Confirmed Measles Cases  
Canada and USA, 2008\***



**Note:** The shaded US States represent measles cases/outbreaks in the US reported to CDC/NCIRD; not all cases have been officially reported to CDC through the National Notifiable Disease Surveillance System.

\* Data as of 17 April 2008.

Source: Canadian Public Health Agency & Centers for Disease Control and Prevention.

**Table No.1**  
**Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-15, 2008**

Subregion and Country	Suspect Cases 2008	Measles Confirmed 2008			Year/Week Last Confr. Measles Case	Rubella Confirmed 2008			Year/Week Last Confr. Rubella Case	Diagnosis of Discarded Cases 2008		Congenital Rubella Syndrome		CRI *		
		Clinic.	Lab.	Total		Clinic.	Lab.	Total		Dengue	Other	Suspect	Conf.			
AND	BOL	46	0	0	0	00/40	0	0	0	06/03	0	45	...	...		
	COL	172	0	0	0	02/39	0	0	0	07/31	1	148	3	0		
	ECU	176	0	0	0	01/14	0	0	0	04/45	11	165	0	0		
	PER	277	0	0	0	00/13	0	0	0	06/45	0	179	...	...		
	VEN	43	0	0	0	07/06	0	0	0	07/34	17	26	...	...		
BRA	BRA	4747	0	0	0	06/48	6	404	410	08/14	48	2903	0	0		
CAP	COR	4	0	0	0	05/22	0	0	0	01/42	0	0	...	...		
	ELS	31	0	0	0	01/19	0	0	0	06/43	3	28	...	...		
	GUT	110	0	0	0	98/05	0	0	0	06/30	1	104	0	0		
	HON	33	0	0	0	97/29	0	0	0	04/11	5	25	5	0		
	NIC	32	0	0	0	94/14	0	0	0	04/19	0	28	0	...		
CAR	PAN	33	0	0	0	95/49	0	0	0	02/48	0	32	0	0		
	CAR	88	0	0	0	98/23	0	0	0	01/27	0	49	0	0		
	LAC	CUB	90	0	0	0	93/27	0	0	0	04/06	0	64	0	0	
	DOR	17	0	0	0	01/23	0	0	0	06/44	0	3	...	...		
	FGU	6	0	0	0	...	0	0	0	...	0	5	...	...		
MEX	GUA	...	...	...	...	...	...	...	...	...	...	...	...	...		
	HAI	3	0	0	0	01/39	0	0	0	06/47	0	3	0	0		
	MAR	...	...	...	...	...	...	...	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...	...	...	...	...	...	...	...		
	MEX	MEX	1072	0	0	0	06/49	0	5	5	08/14	0	297	0	0	
NOA	CAN	...	0	11	11	08/15	0	0	0	07/15	...	...	...	...		
	USA	...	0	15	15 <sup>a</sup>	08/15	0	3	3	08/13	...	...	...	...		
SOC	ARG	77	0	0	0	00/11	0	17	17	08/09	0	43	...	...		
	CHI	55	0	0	0	03/19	0	7	7	08/08	0	33	46	0		
	PAR	87	0	0	0	98/44	0	0	0	05/21	2	85	0	0		
	URU	1	0	0	0	99/08	0	0	0	01/37	0	1	...	...		
TOTAL		7200	0	26	26	-	6	436	442	-	88	4266	54	0		

... No report received; (a) Does not include all cases from Arizona, California, Hawaii, Michigan, New York, Virginia, and Wisconsin; \* Congenital rubella infection.



# Measles / Rubella Surveillance

**Table No.2**  
Infection Source of Measles and Rubella Confirmed  
Cases for the Period of Weeks 01-15, 2008

Subregion and Country		Measles			Rubella			
		I	IR	U	I	IR	U	IN
AND	BOL							
	COL							
	ECU							
	PER							
	VEN							
BRA	BRA							410
	CAP							
	COR							
	ELS							
	GUT							
CAR	HON							
	NIC							
	PAN							
	CAR							
	LAC							
MEX	CUB							
	DOR							
	FGU							
	GUA							
	HAI							
NOA	MAR							
	PUR							
	MEX							5
	CAN	2	8	1				
	USA							
SOC	ARG							7
	CHI							
	PAR							
	URU							
	TOTAL	2	8	1				12

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation  
for the Period of Weeks 01-15, 2008

Country	Pending Cases 2007	Cumulative 2008	Week of Rash Onset							Unkn.
			01-10	11	12	13	14	15		
BOL	2	1	1	0	0	0	0	0	0	
COL	7	22	15	3	0	2	1	0	0	1
ECU	0	0	0	0	0	0	0	0	0	
PER	17	98	80	2	4	2	8	2	0	
VEN	4	0	0	0	0	0	0	0	0	
BRA	886	1386	834	152	135	141	124	...	...	
COR	86	4	4	0	0	0	0	...	...	
ELS	0	0	0	0	0	0	0	...	...	
GUT	0	5	0	0	0	2	2	1	1	
HON	1	3	1	0	0	0	1	1	1	
NIC	0	4	4	0	0	0	0	0	0	
PAN	0	1	0	0	0	1	0	0	0	
CAR	0	39	8	7	6	8	6	4	4	
LAC	0	26	0	0	0	0	26	0	0	
DOR	101	14	13	1	0	0	0	0	0	
FGU	0	0	0	0	0	0	0	...	...	
GUA	...	...	...	...	...	...	...	...	...	
HAI	0	0	0	0	0	0	0	0	0	
MAR	...	...	...	...	...	...	...	...	...	
PUR	...	...	...	...	...	...	...	...	...	
MEX	0	770	492	70	35	79	68	26	0	
CAN	...	...	...	...	...	...	...	...	...	
USA	...	...	...	...	...	...	...	...	...	
ARG	0	17	10	2	0	0	2	0	0	3
CHI	294	15	6	3	5	1	0	0	0	
PAR	0	0	0	0	0	0	0	0	0	
URU	1	0	0	0	0	0	0	0	0	
TOTAL	1399	2405	1468	240	185	236	238	34	4	

I: Imported; IR: Import-related; U: Unknown; IN: Indigenous

... No report received

**Table No.4**  
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-15, 2008

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	77	100	100	80	91	100		
	COL	81	63	90	71	84	98		
	ECU	82	50	99	94	84	100		
	PER	...	93	97	88	27	97		
	VEN	...	100	94	100	49	100		
BRA	BRA	86	41 <sup>a</sup>	47	...	...	99		
	CAP	...	75	100	100	50	...		
	ELS	91	94	100	94	94	97		
	GUT	...	80	97	82	87	96		
	HON	92	73	100	79	91	100		
CAR	NIC	100	69	94	77	81	100		
	PAN	92	76	100	79	94	100		
	CAR	99	57	95	31	95	98		
	LAC	95	100 <sup>a</sup>	100	60	100	71		
	DOR	79	19	41	43	57	100		
MEX	FGU	...	...	...	...	...	...		
	GUA	...	...	...	...	...	...		
	HAI	81	100	100	0	0	100		
	MAR	...	...	...	...	...	...		
	PUR	...	...	...	...	...	...		
NOA	MEX	90	99	99	58	100	100		
	CAN	...	...	...	...	...	...		
	USA	...	...	...	...	...	...		
SOC	ARG	91	36	90	63	86	98		
	CHI	99	20	65	58	85	94		
	PAR	88	52	100	80	100	100		
	URU	0	...	100	100	100	100		
Total and Average	87	55	64	68	86	99			

... No report received; (a) Also includes information on active case-searches.

Issues of the Measles/Rubella Surveillance Bulletin can be accessed at:  
<http://www.paho.org/english/ad/fch/im/measles.htm>