# Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization/Family, Gender and Life Course Measles and Rubella Surveillance in the Americas

Week ending 9 July 2016 Vol. 22, No. 27

### Confirmed measles cases by second administrative level The Americas, 2011, 2014, 2015, and 2016\*

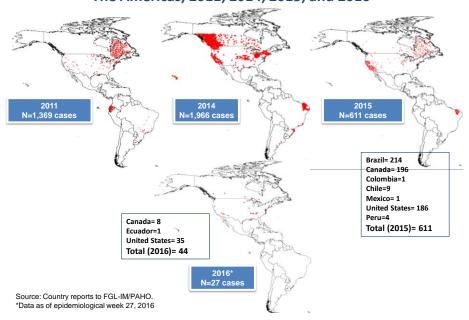


Table.1 Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-27, 2016

Subregion and Country		Susp. Cases			Year/Week Last Conf. Measles	Rube	Rubella Confirmed 2016		Year/Week Last Conf. Rubella	Diagnosis of Discarded Cases 2016		Congenital Rubella Syndrome		Year/Week Last Conf.			
			Clin.	Lab.	Total	case	Clin.	Lab.	Total	Case	Dengue	Others	Susp.	Conf.	CRI*	CRS Case	
AND	BOL	61	0	0	0	2000/40	0	0	0	2006/03	0	59	0	0	0		
	COL	788	0	0	0	2015/36	0	0	0	2012/42	0	768	252	0	0	2005/34	
	ECU	117	0	1	1	2016/14	0	0	0	2004/45	0	97	0	0	0	2002/00	
	PER	189	0	0	0	2015/25	0	0	0	2006/45	0	140	0	0	0	2007/16	
	VEN	90	0	0	0	2012/16	0	0	0	2007/51	6	84	0	0	0		
BRA	BRA	1098	0	0	0	2015/32	0	0	0	2014/40	0	967	37	0	0	2009/34	
CAP	CRI	14	0	0	0	2005/22	0	0	0	2001/42	2	8	40	0	0		
	GTM	58	0	0	0	1998/05	0	0	0	2006/30	1	57	0	0	0	2005/00	
	HND	34	0	0	0	1997/29	0	0	0	2004/11	1	33	10	0	0	2001/00	
	NIC	46	0	0	0	1994/14	0	0	0	2004/19	0	42	26	0	0	2005/00	
	PAN	35	0	0	0	2011/20	0	0	0	2002/48	0	35	0	0	0		
	SLV	74	0	0	0	2001/19	0	0	0	2006/30	0	42	0	0	0	2001/00	
CAR	CAR	261	0	0	0	2011/48	0	0	0	2008/18	0	244	13	0	0	1999/00	
LAC	CUB	104	0	0	0	1993/27	0	0	0	2004/06	0	104	0	0	0		
	DOM	41	0	0	0	2011/18	0	0	0	2006/44	0	10	0	0	0		
	GLP	0	0	0	0	2011/28	0	0	0		0	0	0			2005/00	
	GUF	0	0	0	0	2011/26	0	0	0	2010/06	0	0	0				
	HTI	20	0	0	0	2001/39	0	0	0	2006/21	0	15	4	0	0		
	MTQ	2	0	0	0	2011/27	0	0	0		0	2	0				
MEX	MEX	2003	0	0	0	2015/02	0	0	0	2012/49	0	1723	0	0	0		
NOA	CAN	0		8	8 <sup>a</sup>	2016/22	0	1	1	2016/06	0	0	0			2015/50	
	USA	0		35	35 <sup>a</sup>	2016/24		1	1	2016/03	0	0	0			2015/00	
SOC	ARG	135	0	0	0	2014/36	0	0	0	2014/22	7	68	56	0	0	2009/27	
	CHL	96	0	0	0	2015/27	0	0	0	2011/25	0	90	32	0	0		
	PRY	206	0	0	0	1998/44	0	0	0	2005/21	22	110	0	0	0	2003/06	
URY		0	0	0	0	1999/08	0	0	0	2001/37	0	0	0				
TOTAL		5472	0	44	44	-	0	2	2	-	39	4698	470	0	0	-	

\*Congenital Rubella Infection; (a) Provisional data.

...No report received



## Measles/Rubella Surveillance

Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-27, 2016

## Table No.3 Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-27, 2016

Subregion and			Mea	asles		Rubella				
Country		_	IR	CAC	U	ı	IR	CAC	U	
AND	BOL COL ECU PER VEN	1								
BRA CAP	BRA CRI GTM HND NIC PAN SLV									
CAR LAC	CAR CUB DOM GLP GUF HTI MTQ									
MEX NOA	MEX CAN USA	7 4			1 31	1 1				
SOC	ARG CHL PRY URY									
TO	OTAL	12	0	0	32	2	0	0	0	

Country   Cases   2015   2016   1-22   23   24   25   26   27   % Pend.Case   2016   1-22   23   24   25   26   27   % Pend.Case   20   20   0   0   0   0   3   3   3   3   3				tne Per	loa ot v	Veeks (	11-27, 2	016			
BOL											
BOL         0         2         2         0         0         0         0         0         3           COL         13         20         14         0         2         1         3         0         3           ECU         42         19         14         2         3         0           16           PER         21         49         41         1         2         2         0         3         26           VEN         0         0         0         0            0         0           BRA         234         132         114         5         4         6         3         0         12           CRI         0         4         1         1         1         1            29           GTM         1         0	Country			1-22	23	24	25	26	27	% Pend.Cases	
ECU         42         19         14         2         3         0           16           PER         21         49         41         1         2         2         0         3         26           VEN         0         0         0         0             0         0         3         26           VEN         0         0         0         0             0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         12         CCRI         0         4         1         1         1         1             29         GTM         1         0             <	BOL		2	2	0	0	0	0	0	3	
ECU         42         19         14         2         3         0           16           PER         21         49         41         1         2         2         0         3         26           VEN         0         0         0         0             0         0         3         26           VEN         0         0         0         0             0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         12         CCRI         0         4         1         1         1         1         1         1            29         GTM         0         <	COL	13	20	14	0	2	1	3	0	3	
PER         21         49         41         1         2         2         0         3         26           VEN         0         0         0         0            0         0           BRA         234         132         114         5         4         6         3         0         12           CRI         0         4         1         1         1         1           29           GTM         1         0	ECU	42	19	14	2	3	0			16	
BRA         234         132         114         5         4         6         3         0         12           CRI         0         4         1         1         1         1           29           GTM         1         0         0         0         0         0         0         0         0           HND         0	PER	21	49	41	1	2	2	0	3	26	
CRI         0         4         1         1         1         1           29           GTM         1         0	VEN	0	0	0	0					0	
GTM         1         0	BRA	234	132	114	5	4	6	3	0	12	
GTM         1         0	CRI	0	4	1	1	1	1			29	
NIC         0         4         3         1            9           PAN         0         0         0         0         0         0         0           0         0         0         0            0         0	GTM	1	0	0	0	0	0	0	0		
PAN         0         43           CAR         0         17         8         0         1         5         2         1         7         7         CUB         0         0         0 </td <td>HND</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td>	HND	0	0	0	0	0	0	0	0	0	
SLV         9         32         25         5         1         1         0         0         43           CAR         0         17         8         0         1         5         2         1         7           CUB         0         0         0             0           DOM         69         31         31         0         0              0           GLP         0         0         0              0         0           GUF         0         0         0 <t< td=""><td>NIC</td><td>0</td><td>4</td><td>3</td><td>1</td><td></td><td></td><td></td><td></td><td>9</td></t<>	NIC	0	4	3	1					9	
CAR         0         17         8         0         1         5         2         1         7           CUB         0         0         0             0         0           DOM         69         31         31         0         0	PAN	0	0	0	0	0	0	0		0	
CUB         0         0         0             0         0           0         0             0         0   <		9	32	25	5	1	1	0	0	43	
DOM         69         31         31         0         0           76           GLP         0         0         0             0         0           GUF         0         0         0             0         0         0         0         0         0         0         0         0         0         0         0         0 <t< td=""><td>CAR</td><td>0</td><td>17</td><td>8</td><td>0</td><td>1</td><td>5</td><td>2</td><td>1</td><td>7</td></t<>	CAR	0	17	8	0	1	5	2	1	7	
GLP         0         0         0             0         0             0		0	0	0						0	
GUF         0         0         0             0 <td< td=""><td>DOM</td><td>69</td><td>31</td><td>31</td><td>0</td><td>0</td><td></td><td></td><td></td><td>76</td></td<>	DOM	69	31	31	0	0				76	
HTI         0         5         5         0         0         0          25           MTQ         0         0         0             0         0           MEX         0         0         0         0         0         0         0         0         0           CAN         0         0		0	0	0						0	
MTQ         0         0         0             0 <td< td=""><td></td><td>0</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td>0</td></td<>		0		-						0	
MEX         0		_			0	0	0	0		25	
CAN         0         0		0	-	-							
USA 0 0		0	0	0	0	0	0	0	0	0	
ARG     2     60     51     6     2     1     0      44       CHL     0     6     3     0     0     1     1     1     6       PRY     10     74     63     2     4     2     1     2     36       URY     0     0     0     0     0     0     0     0		-	-								
CHL         0         6         3         0         0         1         1         1         6           PRY         10         74         63         2         4         2         1         2         36           URY         0         0         0         0         0         0         0         0			-								
PRY         10         74         63         2         4         2         1         2         36           URY         0         0         0         0         0         0         0         0         0		2	60	51	6	2	1	0		44	
URY 0 0 0 0 0 0 0 0 0		_	-	-	_	_	-		-		
		_				-	_				
TOTAL   401   455   375   23   20   20   10   7   8					_	_					
No report received	TOTAL	401	455	375	23	20	20			-	

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

... No report received

U: Unknown.

Table 4 Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-27, 2016

Country	Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-27, 2016											
Country   Total Units   Week   Units   Week   Units   Week   Sample   S5 days   S5 days   S6 days   C100,000 pop.)   (10,000   C10,000   C10,000							Samples		Rate of Suspected Cases Last 52 weeks (2015/28-2016/27)			
COL         5319          73         98         87         93         4.3         2.8           ECU         3208          87         98         77         76         1.5         0.0           PER         7061          84         90         77         30         1.8         0.0           VEN         13092          97         100         69         67         1.3         0.1           BRA         14875         76          33         33         70         1.3         0.1           CAP         CRI         57          36         100         86         93         0.7         5.3           GTM         1506         80         7         97         62         72         0.9         0.5           HND         470         90         71         100         82         94         0.8         0.5           NIC         185          89         100         100         71         97         1.8         0.5           NIC         1243          69         93         96         83						•				CRS (10,000 lb)		
ECU         3208          87         98         77         76         1.5         0.0           PER         7061          84         90         77         30         1.8         0.0           VEN         13092          97         100         69         67         1.3         0.1           BRA         14875         76          33         33         70         1.3         0.1           CAP         CRI         57          36         100         86         93         0.7         5.3           GTM         1506         80         7         97         62         72         0.9         0.5           HND         470         90         71         100         82         94         0.8         0.5           NIC         185          89         100         100         78         1.9         1.9           PAN         282          91         100         71         97         1.8         0.1           SUSA         1243          69         93         96         83         3.3	AND		3514		100	95	42	83	1.3	0.0		
PER         7061          84         90         77         30         1.8         0.0           VEN         13092          97         100         69         67         1.3         0.1           BRA         14875         76          33         33         70         1.3         0.1           CAP         CRI         57          36         100         86         93         0.7         5.3           GTM         1506         80         7         97         62         72         0.9         0.5           HND         470         90         71         100         82         94         0.8         0.5           NIC         185          89         100         100         78         1.9         1.9           PAN         282          91         100         71         97         1.8         0.1           SLV         1243          69         93         96         83         3.3         3.8           CAR         CAR         714         91         82         97         17         72			5319		-		87		4.3	2.8		
VEN         13092          97         100         69         67         1.3         0.1           BRA         14875         76          33         33         70         1.3         0.1           CAP         CRI         57          36         100         86         93         0.7         5.3           GTM         1506         80         7         97         62         72         0.9         0.5           HND         470         90         71         100         82         94         0.8         0.5           NIC         185          89         100         100         78         1.9         1.9           PAN         282          91         100         71         97         1.8         0.1           SLV         1243          69         93         96         83         3.3         3.8           CAR         CAR         714         91         82         97         17         72         5.1         2.0           LAC         CUB         168          0         0         0         <			3208			98	77			0.0		
CAP         CRI         57          36         100         86         93         0.7         5.3           GTM         1506         80         7         97         62         72         0.9         0.5           HND         470         90         71         100         82         94         0.8         0.5           NIC         185          89         100         100         78         1.9         1.9           PAN         282          91         100         71         97         1.8         0.1           SLV         1243          69         93         96         83         3.3         3.8           CAR         CAR         714         91         82         97         17         72         5.1         2.0           LAC         CUB         168          0         0         0         0         4.7         0.0           DOM         247          0         95         0         0         0.7         0.0           GUF			7061		-	90	77		1.8	0.0		
CAP         CRI         57          36         100         86         93         0.7         5.3           GTM         1506         80         7         97         62         72         0.9         0.5           HND         470         90         71         100         82         94         0.8         0.5           NIC         185          89         100         100         78         1.9         1.9           PAN         282          91         100         71         97         1.8         0.1           SLV         1243          69         93         96         83         3.3         3.8           CAR         CAR         714         91         82         97         17         72         5.1         2.0           LAC         CUB         168          0         0         0         0         4.7         0.0           GLP           0         95         0         0         0.7         0.0           GLP		VEN	13092		97	100	69	67	1.3	0.1		
GTM         1506         80         7         97         62         72         0.9         0.5           HND         470         90         71         100         82         94         0.8         0.5           NIC         185          89         100         100         78         1.9         1.9           PAN         282          91         100         71         97         1.8         0.1           SLV         1243          69         93         96         83         3.3         3.8           CAR         CAR         714         91         82         97         17         72         5.1         2.0           LAC         CUB         168          0         0         0         0         4.7         0.0           DOM         247          0         95         0         0         0.7         0.0           GLP                     0.0         0         0         0         0 </td <td></td> <td>BRA</td> <td>14875</td> <td>76</td> <td></td> <td>33</td> <td>33</td> <td>70</td> <td>1.3</td> <td>0.1</td>		BRA	14875	76		33	33	70	1.3	0.1		
HND 470 90 71 100 82 94 0.8 0.5 NIC 185 89 100 100 78 1.9 PAN 282 91 100 71 97 1.8 0.1 SLV 1243 69 93 96 83 3.3 3.8 CAR CAR 714 91 82 97 17 72 5.1 2.0 LAC CUB 168 0 0 0 0 0 4.7 0.0 DOM 247 0 95 0 0 0 0.7 0.0 GLP	CAP	CRI	57		36	100	86	93	0.7	5.3		
NIC		GTM	1506	80	7	97	62	72	0.9	0.5		
PAN         282          91         100         71         97         1.8         0.1           SLV         1243          69         93         96         83         3.3         3.8           CAR         CAR         714         91         82         97         17         72         5.1         2.0           LAC         CUB         168          0         0         0         0         4.7         0.0           DOM         247          0         95         0         0         0.7         0.0           GLP               0.0         0         0         0.7         0.0           GUF                0.0         0         0         0.7         0.0           MTQ                0.0         0         0         0         0         0         0         0         0         0         0         0         0		HND	470	90	71	100	82	94	0.8	0.5		
CAR         CAR         714         91         82         97         17         72         5.1         2.0           LAC         CUB         168          0         0         0         0         4.7         0.0           DOM         247          0         95         0         0         0.7         0.0           GLP               0.0         0.0           GUF               0.0         0.0           HTI         320         79         90         95         80         75         0.8         0.2           MEX         MEX         139          98         96         97         86         1.8         0.0           NOA         CAN                     SOC         ARG         809          22         85         72         45         0.9         0.8           CHL         817		NIC	185		89	100	100	78	1.9	1.9		
CAR         CAR         714         91         82         97         17         72         5.1         2.0           LAC         CUB         168          0         0         0         0         4.7         0.0           DOM         247          0         95         0         0         0.7         0.0           GLP               0.0         0.0           GUF               0.0         0.0           HTI         320         79         90         95         80         75         0.8         0.2           MEX         MEX         139			282		91	100	71					
LAC         CUB         168          0         0         0         0         4.7         0.0           DOM         247          0         95         0         0         0.7         0.0           GLP               0.0         0.0           GUF               0.0         0.0           HTI         320         79         90         95         80         75         0.8         0.2           MEX         MEX         139               0.5         0.0           NOA         CAN  <			1243			93	96	83		3.8		
DOM         247          0         95         0         0         0.7         0.0           GLP               0.0         0.0           GUF               0.4         0.0           HTI         320         79         90         95         80         75         0.8         0.2           MEX         MEX         139 <td>-</td> <td></td> <td>714</td> <td>91</td> <td>82</td> <td>97</td> <td>17</td> <td>72</td> <td></td> <td>2.0</td>	-		714	91	82	97	17	72		2.0		
GLP              0.0         0.0           GUF              0.4         0.0           HTI         320         79         90         95         80         75         0.8         0.2           MTQ               0.5         0.0           MEX         MEX         139          98         96         97         86         1.8         0.0           NOA         CAN </td <td>LAC</td> <td></td> <td>168</td> <td></td> <td>0</td> <td></td> <td>0</td> <td>0</td> <td></td> <td></td>	LAC		168		0		0	0				
GUF			247		0	95	0	0	0.7	0.0		
HTI 320 79 90 95 80 75 0.8 0.2  MTQ												
MTQ              0.5         0.0           MEX         MEX         139          98         96         97         86         1.8         0.0           NOA         CAN												
MEX         MEX         139          98         96         97         86         1.8         0.0           NOA         CAN			320	79	90	95	80	75		-		
NOA         CAN <td></td>												
SOC         ARG         809          22         85         72         45         0.9         0.8           CHL         817         87         31         89         92         95         2.3         1.3           PRY         1109         84         82         94         74         75         6.8         0.3           URY         345          0         0         0         0         0.1         0.0			139		98	96	97	86	1.8	0.0		
SOC         ARG         809          22         85         72         45         0.9         0.8           CHL         817         87         31         89         92         95         2.3         1.3           PRY         1109         84         82         94         74         75         6.8         0.3           URY         345          0         0         0         0         0.1         0.0	NOA	_										
CHL     817     87     31     89     92     95     2.3     1.3       PRY     1109     84     82     94     74     75     6.8     0.3       URY     345      0     0     0     0     0.1     0.0												
PRY         1109         84         82         94         74         75         6.8         0.3           URY         345          0         0         0         0         0.1         0.0	SOC	_						-				
URY 345 0 0 0 0 0.1 0.0			_	_								
				84	-	-	74					
Total and Average*   FE400   77   04   02   74   70   4.0   0.0					-							
Total and Average*			55480	77	84	83	74	79	1.8	0.8		

\*Weighted ... No report received