

Measles/Rubella Weekly Bulletin



Are we reaching everyone with the measles-rubella follow up campaigns?

Among the 15 countries that implemented follow-up vaccination campaigns for the period 2010-2015, six achieved coverage $\geq 95\%$ and four had coverage $\geq 100\%$; three countries achieved coverage between 90-94%; four countries had coverage between 80-89% and two countries had less than 80% coverage. It is essential to thoroughly and timely plan the next follow-up campaigns, and monitor their quality, in order to achieve coverage $\geq 95\%$ in all the municipalities in each country. A high quality campaign is key in sustaining the measles-rubella elimination gains.

Country	Year	<80%	80-89%	90-94%	$\geq 95\%$
Paraguay	2014	72			
Peru	2011	78			
Chile	2015		81		
Argentina	2014		82		
Honduras	2012		84		
Brazil	2014		89		
Costa Rica	2011			93	
Colombia	2010			93	
Bolivia	2011-2012			94	
Dominican Republic	2015				95
Venezuela	2014				99
Mexico	2010				104
Nicaragua	2012				107
Ecuador	2012				112
Haiti	2012				118

Source: Country reports through PAHO-WHO/UNICEF Joint Reporting Form (JRF).
Note: Administrative data as of 26 February 2016.

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-07, 2016

Subregion and Country	Susp. Cases 2016	Measles Confirmed 2016			Year/Week Last Conf. Measles case	Rubella Confirmed 2016			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2016		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	8	...	...	...	2000/40	...	...	...	2006/03	0	7	0	0	0	...
	COL	189	0	0	0	2015/36	0	0	0	2012/42	0	164	72	0	0	2005/34
	ECU	0	0	0	0	2012/28	0	0	0	2004/45	0	0	0	0	0	2011/14
	PER	15	0	0	0	2015/25	0	0	0	2006/45	0	9	0	0	0	2007/16
	VEN	14	0	0	0	2012/16	0	0	0	2007/51	2	12	0	0	0	...
BRA	BRA	170	0	0	0	2015/32	0	0	0	2014/40	0	71	1	0	0	2009/34
CAP	CRI	0	0	0	0	2005/22	0	0	0	2001/42	0	0	0	0	0	...
	GTM	17	0	0	0	1998/05	0	0	0	2006/30	1	16	0	0	0	2005/00
	HND	5	0	0	0	1997/29	0	0	0	2004/11	0	5	4	0	0	2001/00
	NIC	4	0	0	0	1994/14	0	0	0	2004/19	0	4	4	0	0	2005/00
	PAN	3	0	0	0	2011/20	0	0	0	2002/48	0	3	0	0	0	...
	SLV	1	0	0	0	2001/19	0	0	0	2006/30	0	0	0	0	0	2001/00
CAR	CAR	76	0	0	0	2011/48	0	0	0	2008/18	0	64	0	0	0	1999/00
LAC	CUB	32	0	0	0	1993/27	0	0	0	2004/06	0	32	0	0	0	...
	DOM	0	0	0	0	2011/18	0	0	0	2006/44	0	0	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	2	0	0	0	2001/39	0	0	0	2006/21	0	1	0	0	0	...
	MTQ	0	0	0	0	2011/27	0	0	0	...	0	0	0	...	...	...
MEX	MEX	154	0	0	0	2015/02	0	0	0	2012/49	0	131	0	0	0	...
NOA	CAN	...	...	2	2 ^a	2016/03	0	0	0	2014/10	...	...	...	...	...	2011/12
	USA	0	...	1	1 ^a	2016/01	...	...	...	2015/00	...	...	...	...	...	2015/00
SOC	ARG	18	0	0	0	2014/36	0	0	0	2014/22	0	4	8	0	0	2009/27
	CHL	17	0	0	0	2015/27	0	0	0	2011/25	0	17	124	0	0	...
	PRY	50	0	0	0	1998/44	0	0	0	2005/21	3	43	0	0	0	2003/06
	URY	0	0	0	0	1999/08	0	0	0	2001/37	0	0	0	...	...	...
TOTAL		775	0	3	3	--	0	0	0	--	6	583	213	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 01-07, 2016

Subregion and Country		Measles				Rubella				
		I	IR	CAC	U	I	IR	CAC	U	
AND	BOL									
	COL									
	ECU									
	PER									
	VEN									
BRA	BRA									
	CAP	CRI								
		GTM								
		HND								
		NIC								
PAN										
CAR	SLV									
	CAR									
	LAC									
	CUB									
	DOM									
MEX	GLP									
	GUF									
	HTI									
	MTQ									
	MEX									
NOA	CAN	2								
	USA	1								
SOC	ARG									
	CHL									
	PRY									
URY										
TOTAL		3	0	0	0	0	0	0	0	

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-07, 2016

Country	Pending Cases 2015	Cumulative 2016	Week of Onset							% Pend.Cases
			1-2	3	4	5	6	7		
BOL	1	1	0	0	0	1	0	0	13	
COL	52	25	14	4	3	1	2	1	13	
ECU	42	0	0	0	0	0	0	0	0	
PER	40	6	2	1	3	0	0	...	40	
VEN	0	0	0	0	0	0	0	0	0	
BRA	234	96	41	17	15	15	8	0	56	
CAP	CRI	3	0	0	0	0	0	...	0	
	GTM	1	0	0	0	0	0	0	0	
	HND	0	0	0	0	0	0	0	0	
	NIC	0	0	0	0	0	0	0	0	
	PAN	1	0	0	0	0	0	0	0	
CAR	SLV	13	1	1	0	0	0	...	100	
	CAR	4	11	2	4	3	2	0	14	
	LAC	0	0	0	0	0	0	0	0	
	CUB	48	0	0	0	0	0	0	0	
	DOM	0	0	0	0	0	0	0	0	
MEX	GLP	0	0	0	0	0	0	...	0	
	GUF	0	0	0	0	0	0	...	0	
	HTI	8	1	0	0	0	1	0	50	
	MTQ	0	0	0	0	0	0	0	0	
	MEX	7	8	3	0	1	3	0	1	5
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	53	14	4	1	4	3	2	0	78
	CHL	23	0	0	0	0	0	0	0	0
	PRY	10	4	0	0	1	1	1	1	8
URY	0	0	0	0	0	0	0	...	0	
TOTAL		540	167	67	27	30	27	13	3	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 01-07, 2016

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 (2015/08-2016/07)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	3459	...	100	100	38	75	0.9	0.0
	COL	5473	91	77	89	88	95	4.5	0.8
	ECU	2184	...	0	0	0	0	1.8	0.0
	PER	7314	...	100	93	79	50	2.1	0.0
	VEN	13092	...	100	100	50	64	2.1	0.1
CAP	BRA	13547	72	0	61	61	47	2.6	0.0
	CRI	57	...	0	0	0	0	0.8	0.0
	GTM	1506	91	24	100	81	88	1.3	0.5
	HND	470	84	100	100	100	100	1.0	0.2
	NIC	185	...	25	100	100	75	2.0	0.3
CAR	PAN	271	...	67	100	67	100	1.9	0.1
	SLV	1243	...	100	100	100	0	3.4	3.8
	CAR	714	96	92	96	38	74	4.3	1.4
	LAC	168	100	100	100	100	100	10.3	0.0
	DOM	247	...	0	0	0	0	0.6	0.0
MEX	GLP	...	...	...	...	...	...	0.2	0.0
	GUF	...	...	...	...	...	...	0.9	0.0
	HTI	320	82	100	100	50	50	1.5	1.2
	MTQ	...	...	...	...	...	...	0.0	0.0
	MEX	139	...	91	92	95	80	4.3	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	809	...	17	56	90	50	1.0	0.1
	CHL	817	...	24	88	93	100	4.1	5.0
	PRY	1050	88	68	100	80	89	8.6	0.3
URY	165	...	0	0	0	0	0.3	0.0	
Total and Average*		53230	78	79	85	77	76	3.0	0.5

*Weighted