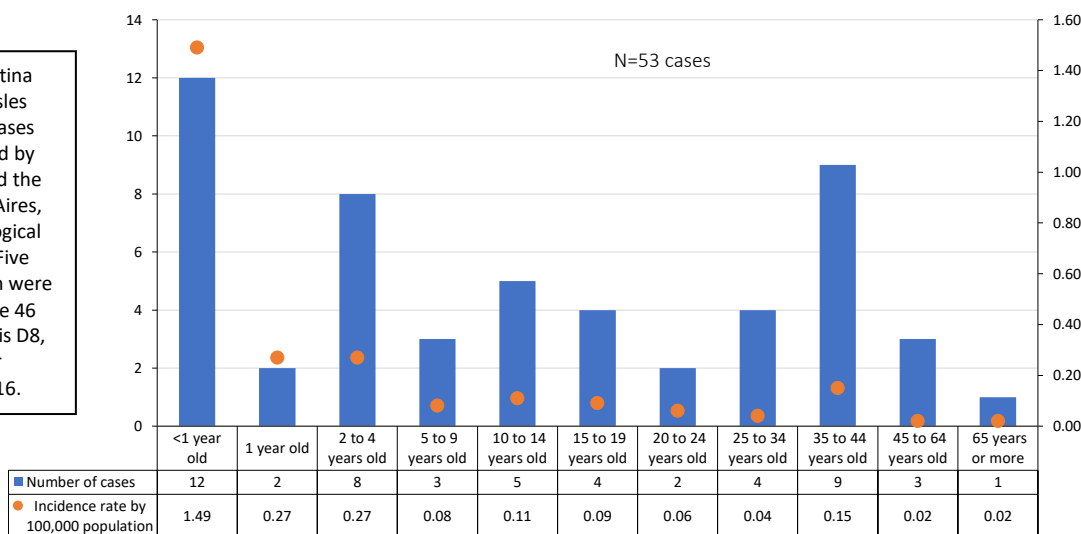




Confirmed measles case and incidence rate by 100,000 population by age groups. Cumulative data up to epidemiological week 46-2019. Argentina

During 2019, Argentina confirmed 53 measles cases; 46 of these cases (87%) were reported by Buenos Aires city and the province of Buenos Aires, between epidemiological weeks 35 and 46. Five chains of transmission were identified among the 46 cases. The genotype is D8, lineage MVs/Gir Somnath.IND/42.16.



Source: Boletín Integrado de Vigilancia, N°473, Semana Epidemiológica 46/2019, Argentina

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for Weeks 01-46, 2019

Subregion and Country	Susp. Cases 2019	Measles Confirmed 2019				Year/Week Last Conf. Measles case	Rubella Confirmed 2019			Year/Week Last Conf. Rubella Case	Diagnosis of Discarded Cases 2019		Congenital Rubella Syndrome			Year/Week Last Conf. CRS Case	
		Clin.	Lab.	EPI link	Total		Clin.	Lab.	Total		Dengue	Others	Susp.	Conf.	CRI*		
AND	BOL	125	0	0	...	0	2000-40	0	0	0	2006-03	1	113	8	0	0	...
	COL	4037	1	214	...	215 ^a	2019-45	0	0	0	2012-31	1	1733	292	0	0	2005-34
	ECU	174	0	0	0	0	2018-33	0	0	0	2004-49	0	162	0	0	0	2011-14
	PER	401	0	2	...	2	2019-18	0	0	0	2009-04	0	387	0	0	0	2007-16
	VEN	1447	100	397	23	520 ^b	2019-44	0	0	0	2007-51	6	250	19	0	0	...
BRA	BRA	54911	2596	9291	...	11887	2019-44	0	0	0	2014-40	0	22636	30	0	0	2009-34
CAP	CRI	49	0	10	...	10	2019-13	0	0	0	2001-39	0	38	25	0	0	...
	GTM	337	0	0	...	0	2018-03	0	0	0	2006-31	1	201	2	0	0	2005-00
	HND	338	0	0	...	0	1998-16	0	0	0	2004-11	0	326	19	0	0	2001-00
	NIC	666	0	0	...	0	1994-14	0	0	0	2004-19	10	636	27	0	0	2005-00
	PAN	62	0	0	...	0	2011-20	0	0	0	2002-48	0	59	0	0	0	...
	SLV	489	0	0	...	0	2001-19	0	0	0	2006-30	0	489	0	0	0	2001-00
CAR	CAR	311	0	3	1	4	2019-07	0	0	0	2008-18	0	294	43	0	0	1999-00
LAC	CUB	3083	0	1	...	1 ^b	2019-24	0	0	0	2004-06	0	3083	0	0	0	1989-10
	DOM	154	0	0	...	0	2011-18	0	0	0	2007-45	8	135	0	0	0	...
	HTI	187	0	0	...	0	2001-39	0	0	0	2006-21	0	136	18	0	0	...
MEX	MEX	4856	0	20	...	20	2019-43	0	0	0	2018-14	0	3994	0	0	0	...
NOA	CAN	...	...	104	9	113	2019-45	...	...	...	2016-06	0	0	0	...	...	2018-39
	USA	...	...	1262	...	1262	2019-45	...	...	...	2019-03	0	0	0	...	...	2017-00
SOC	ARG	205	0	53	...	53 ^c	2019-46	0	3	3	2019-20	0	150	0	0	0	2009-27
	CHL	756	0	10	...	10	2019-43	0	1	1	2019-14	0	725	136	0	0	...
	PRY	1368	0	0	...	0	1998-44	0	0	0	2005-21	88	1076	3	0	0	2003-06
	URY	70	0	9	...	9	2019-22	...	...	...	2001-37	0	58	0	0	0	...
TOTAL		74026	2697	11376	33	14106	--	0	4	4	--	115	36681	622	0	0	--

*Congenital Rubella Infection.

...No updated report received

(a) Boletín Epidemiológico Semanal, SE 45-2019, Instituto Nacional de Salud, Colombia; (b) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019; (c) Boletín Integrado de Vigilancia, N°473, Semana Epidemiológica 46/2019, Argentina



Table No.2
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-46, 2019

Subregion and Country		Measles				Rubella			
		I	IR	En.	U	I	IR	CAC	U
AND	BOL	66	130		19				
	COL								
	ECU								
	PER	1	1						
	VEN			520					
BRA	BRA	39		48	11800				
	CAP	1	9						
CAR	CRI								
	GTM								
	HND								
	NIC								
	PAN								
	SLV								
	LAC	4							
	CUB ^a	1							
	DOM								
	HTI								
MEX	MEX	6	14						
	NOA	42	62		9				
SOC	USA	133	1118		11				
	ARG	5	1		47	1			2
	CHL	5	5			1			
	PRY								
	URY	2	6		1				
TOTAL		305	1346	568	11887	2	0	0	2

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-46, 2019

Country	Pending Cases 2018	Cumulative 2019	Week of Onset							% Pend. Cases
			1-41	42	43	44	45	46		
BOL	3	11	7	1	2	0	0	1	9	
COL	184	118	118	0	0	0	0	...	3	
ECU	84	8	8	0	0	0	...	...	5
PER	0	12	4	1	2	0	3	2	3	
VEN	2	3	3	0	0	0	0	0	0	
BRA	465	19903	16387	1928	1219	369	0	...	36	
CRI	23	1	1	0	0	0	0	0	2	
GTM	12	135	135	0	0	0	...	...	40
HND	0	12	12	0	0	0	0	0	4	
NIC	0	20	13	0	3	3	0	1	3	
PAN	0	3	3	0	0	0	0	0	5	
SLV	0	0	0	0	0	0	0	0	0	
CAR	0	13	6	2	2	0	3	0	4	
LAC	0	0	0	0	0	0	0	...	0	
CUB	0	11	11	0	0	0	0	0	7	
DOM	0	11	11	0	0	0	0	0	7	
HTI	56	51	51	0	0	0	0	0	27	
MEX	0	842	682	41	28	23	44	24	17	
CAN	...	...	...	...	...	...	...	...	...
USA	...	...	...	...	...	...	...	...	...
ARG	82	2	2	0	0	0	0	0	1	
CHL	0	19	15	2	0	2	0	...	3	
PRY	8	204	123	4	24	24	19	10	15	
URY	0	3	3	...	...	...	...	...	4
TOTAL	919	21371	17584	1979	1280	421	69	38	29	

I: Imported; IR: Import-related; En: Endemic case; U: Unknown.

(a) PAHO/WHO. Epidemiological Update. Measles 1 November 2019, Washington, D.C.: PAHO/WHO; 2019.

... No updated report received

Table 4
Indicators of Integrated Measles/Rubella Surveillance for Period of Weeks 01-46, 2019

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 (2018/47-2019/46)	
		Total Units	% This Week					Measles/Rubella (100,000 pop.)	CRS (10,000 lb)
AND	BOL	2657	...	62	57	61	60	1.3	0.3
	COL	5175	...	93	96	92	97	5.3	9.1
	ECU	2184	...	86	97	77	91	1.5	0.0
	PER	7781	...	87	96	84	49	1.5	0.0
	VEN	13092	...	100	62	9	16	1.8	0.3
CAP	BRA	...	...	72	82	84	21	25.6	0.1
	CRI	57	...	73	86	86	79	1.1	3.7
	GTM	1541	...	85	97	63	86	2.0	0.0
	HND	470	86	79	99	80	99	4.1	2.4
	NIC	185	100	97	95	93	83	11.1	6.3
	PAN	324	...	95	95	76	97	1.6	0.0
	SLV	1283	92	74	98	97	95	8.4	0.0
CAR	CAR	763	82	84	97	9	84	4.3	13.2
	LAC	168	...	100	100	100	100	31.0	0.0
	DOM	247	...	21	97	84	75	1.4	0.0
	HTI	652	74	90	94	75	66	1.7	0.7
MEX	MEX	20320	97	95	99	91	89	3.8	0.0
NOA	CAN	...	...	...	...	...	...	...	...
	USA	...	...	...	...	...	...	...	...
SOC	ARG	784	...	19	92	77	58	0.6	0.0
	CHL	767	...	22	98	96	97	5.4	10.7
	PRY	1257	98	77	89	86	79	22.0	0.2
	URY	155	...	97	54	54	46	2.0	0.0
Total and Average*		59862	40	88	94	84	85	11.2	1.1

*Weighted

... No updated report received