

Zika cases and congenital syndrome associated with Zika virus reported by countries and territories in the Americas, 2015 - 2017

Cumulative cases

Data as of 26 January 2017 2:00 PM EST

Country/Territory	Autochthonous cases ^a		Imported cases	Incidence Rate ^b	Deaths among Zika cases ^c	Confirmed congenital syndrome associated with Zika virus infection ^d	Population X 1000 ^{e,f}
	Suspected	Confirmed					
North America							
Bermuda	0	0	5	0.00	0	0	71
Canada	0	0	439	0.00	0	1	36,284
United States of America ^g	0	220	4,710	0.07	42	2	325,206
Subtotal	0	220	5,154	0.06	0	43	361,651
Latin America and the Caribbean							
Latin America							
Mexico	0	7,615	15	5.92	0	0	128,624
Central American Isthmus							
Belize	816	73	0	239.62	0	0	371
Costa Rica	5,906	1,686	32	155.54	0	2	4,881
El Salvador ^h	11,452	51	0	187.13	0	4	6,147
Guatemala ⁱ	3,373	788	0	24.96	0	15	16,674
Honduras	31,936	298	0	393.58	0	2	6,190
Nicaragua	0	2,059	3	33.30	0	2	6,184
Panama ^j	2,957	786	42	93.81	0	5	3,990
Subtotal	56,440	5,741	77	133.90	0	30	46,437
Latin Caribbean							
Cuba	0	187	58	1.64	0	0	11,392
Dominican Republic ^k	4,908	333	0	48.94	0	22	10,708
French Guiana ^l	9,700	483	10	3689.49	0	16	276
Guadeloupe ^m	30,845	379	0	6615.25	0	6	472
Haiti	2,955	5	0	27.12	0	1	10,916
Martinique ⁿ	36,680	12	0	935.66	0	18	396
Puerto Rico ^o	0	37,417	1	1016.49	5	11	3,681
Saint Barthelemy ^p	975	61	0	10360.00	0	0	10
Saint Martin ^q	3,115	200	0	9208.33	0	0	36
Subtotal	89,178	39,077	69	338.52	5	74	37,887
Andean Area							
Bolivia (Plurinational State of)	837	192	4	9.38	0	14	10,971
Colombia ^r	96,954	9,799	0	219.43	0	82	48,650
Ecuador ^s	2,716	885	15	21.82	0	0	16,506
Peru	1,958	399	21	7.37	0	0	31,970
Venezuela (Bolivarian Republic of) ^t	59,503	2,413	0	196.45	0	0	31,518
Subtotal	161,968	13,688	40	125.81	0	96	139,615
Brazil ^u	214,193	128,266	0	163.42	9	2,366	209,553
Southern Cone							
Argentina ^v	1,821	26	29	4.19	0	1	44,060
Chile	0	0	33	0.00	0	0	18,131
Paraguay ^w	568	14	0	8.65	0	2	6,725
Uruguay	0	0	1	0.00	0	0	3,444
Subtotal	2,389	40	63	3.36	0	3	72,360
Non-Latin Caribbean							
Anguilla	27	19	1	270.59	0	0	17
Antigua and Barbuda	465	14	2	509.57	0	0	94
Aruba	676	28	7	617.54	0	0	114
Bahamas	0	25	3	6.33	0	0	395
Barbados	699	46	0	255.14	0	0	292
Bonaire, Sint Eustatius and Saba ^x	0	85	0	340.00	0	0	25
Cayman Islands	211	30	10	415.52	0	0	58
Curacao	0	820	0	550.34	0	0	149
Dominica	1,150	79	0	1660.81	0	0	74
Grenada ^y	316	111	0	384.68	0	1	111
Guyana	0	37	0	4.79	0	0	773
Jamaica	7,354	203	0	269.12	0	0	2,808
Montserrat	2	5	0	140.00	0	0	5
Saint Kitts and Nevis	549	33	0	1098.11	0	0	53
Saint Lucia	822	50	0	528.48	0	0	165
Saint Vincent and the Grenadines	508	83	0	579.41	0	0	102
Sint Maarten (Dutch part) ^z	367	143	0	1214.29	0	0	42
Suriname	2,760	723	0	635.58	4	4	548
Trinidad and Tobago	0	643	1	47.04	1	1	1,367
Turks and Caicos Islands	179	17	3	376.92	0	0	52
Virgin Islands (UK)	74	52	0	360.00	0	0	35
Virgin Islands (US)	1,034	917	0	1894.17	0	0	103
Subtotal	17,193	4,163	27	289.30	4	6	7,382
TOTAL	541,361	198,810	5,445	73.76	18	2,618	1,003,509

SOURCE: Cases reported by the IHR National Focal Points to the WHO IHR Regional Contact Point for the Americas and through the Ministry of Health websites, 2016-17

NOTES: Data is shared in an effort to transparently disseminate available information reported by Member States. Any subsequent interpretation and analysis of this data should consider differences in surveillance systems and reporting requirements. Information may change as Member States review and integrate retrospective data.

^aPAHO/WHO Case definitions for suspected and confirmed Zika cases is available at: http://www.paho.org/hq/index.php?option=com_content&view=article&id=11117&Itemid=41532&lang=en

^bIncidence rate (autochthonous suspected + autochthonous confirmed) / 100,000 pop.

^cDeaths among Zika cases do not include deaths related to Guillain-Barré syndrome (GBS) or congenital malformations associated with Zika virus infection. As of 12 May 2016, previously reported deaths related to GBS were removed from this total.

^dConfirmed congenital syndrome associated with Zika virus infection case definition: Live newborn who meets the criteria for a suspected case of congenital syndrome associated with Zika virus AND Zika virus infection was detected in specimens of the newborn, regardless of detection of other pathogens. Case definitions for congenital syndrome associated with Zika virus infection is available at: http://www.paho.org/hq/index.php?option=com_content&view=article&id=11117&Itemid=41532&lang=en

^ePopulation Division of the Department of Economic and Social Affairs of the United Nations Secretariat, World Population Prospects: The 2015 Revision, <http://esa.un.org/unpd/wpp/index.htm>, July 2015. Processed and revised by PAHO. Population by Sex and Age range for Countries and Territories of Americas 2017. <http://www.paho.org/data/index.php/en/indicators/demographics-core/106-cat-data-en/536-poblacion-reg-en.html#showall=&limittstart> Accessed on January 26, 2017.

^fInternational Programs Center, Population Division, U.S. Census Bureau, IDB Release Date: December 2013. <http://www.paho.org/data/index.php/en/indicators/demographics-core/106-cat-data-en/536-poblacion-reg-en.html#showall=&limittstart> Accessed on January 26, 2017.

^gPopulation source for Saint Barthelemy and Saint Martin available for 2016 (updated 31 December 2016) available at: Journal officiel de la République Française. https://www.legifrance.gouv.fr/jo_pdf.do?cid=JORFTEXT000033748679 Accessed on January 26, 2017.

^hPopulation source for Bonaire, Sint Eustatius and Saba for 2015 (updated 29 November 2016) available at: Caribisch Nederland; bevolkingsontwikkeling, geboorte, sterfte, migratie - 29 November 2016 <http://statline.cbs.nl/StartWeb/publication/?DM=SLNL&PA=80539ned&D1=0-19-10&D2=a&D3=a&HDR=1&STB=G1,G2&CHARTYPE=1&XW=1> Accessed on January 26, 2017.

ⁱFor countries and territories which reported their first Zika case in 2015, the population is based on the average between 2015-2017. For countries and territories which reported their first Zika case in 2016, the population is based on the average between 2016-2017. For countries and territories which did not report Zika cases between 2015-2017, the population is based on the average between 2015-2017.

^jConfirmed cases in the United States of America includes one laboratory acquired case. Available at: <http://www.cdc.gov/zika/geo/united-states.html>

^kAfter retrospective review, laboratory-confirmed cases was adjusted by the El Salvador IHR National Focal Point as of 25 August 2016.

^lOn 24 October, the Guatemala IHR National Focal Point provided an update indicating that there were 15 laboratory-confirmed cases of microcephaly associated with Zika virus infection. They have explained that the retraction of two cases is due to an erroneous information posted by the Ministry of Health were two of the mothers who tested positive for Zika virus had been included in the total count; but no samples were obtained of the two infants with microcephaly. For this reason, the total was changed by Guatemala to 15.

^mAfter retrospective review, laboratory-confirmed cases were re-classified as imported cases by the Panama Ministry of Health as of 25 August 2016.

ⁿAs of 6 October, suspected Zika cases were adjusted by the Dominican Republic Ministry of Public Health after retrospective review. As of 20 October, confirmed Zika cases were adjusted by the Dominican Republic Ministry of Public Health after retrospective review.

^oPer the Ciré Antilles Guyane Bulletin on the epidemiological situation is classified in four level phases: Level 1 absence of autochthonous circulation; Level 2 initial autochthonous transmission; Level 3 epidemic; Level 4 end of epidemic and results. In the instance that a territory reaches Level 3, the data on all confirmed cases is no longer included in the epidemiological bulletin. Martinique was classified as Level 3 since 20 January 2016. Parts of French Guiana were classified as Level 3 on 22 January 2016 and 1 April 2016. Guadeloupe was classified as Level 3 since 28 April 2016.

^pOn 20 January 2017, the number of confirmed cases were changed from 37,488 to 37,417 based on the modification by the Puerto Rico Department of Health.

^qOn 9 December a joint publication between the National Institute of Health of Colombia, the US-CDC National Center on Birth Defects and Developmental Disabilities and the Colombia Ministry of Health reported that between 31 January and 12 November 2016, a total of 147 microcephaly cases in fetus and infants had laboratory evidence of Zika virus infection by real-time reverse transcription-polymerase chain reaction (RT-PCR) or immunohistochemistry.

^rAfter retrospective review by Ecuador Ministry of Public Health, only laboratory-confirmed cases were included in the confirmed Zika cases for Ecuador; previously reported non-laboratory-confirmed cases were included in the suspected Zika cases as of 18 August; Data is consistently modified as Ecuador reviews and integrates retrospective data.

^sAfter retrospective review, laboratory-confirmed cases was adjusted by the Venezuela (Bolivarian Republic of) IHR National Focal Point as of 25 August 2016.

^tBrazil Ministry of Health case definition for confirmed cases of congenital syndrome associated with Zika virus infection includes confirmed and probable cases per PAHO's case definition. As of EW 52 of 2016, 697 cases were confirmed for Zika virus by laboratory criteria. Information on Suspected and confirmed Zika cases is available at: <http://portalsaudefsaude.gov.br/images/pdf/2016/outubro/18/2016-029-Dengue-publicacao-n-34.pdf>

^uAs of 11 November, suspected Zika cases were adjusted by the Brazil Ministry of Public Health after retrospective review.

^vAs of 23 December 2016, two cases of congenital syndrome in Argentina, whose mothers acquired the Zika infection in Bolivia, were initially classified as confirmed cases by the Argentina Ministry of Health and then reclassified as probable cases. http://www.msal.gov.ar/images/stories/boletines/boletin_integrado_vigilancia_N338-SE48.pdf

^whttp://www.msal.gov.ar/images/stories/boletines/boletin_integrado_vigilancia_N339-SE50.pdf

^xAs of 29 December 2016, the number of suspected cases decreased based on the modification by the Paraguay Ministry of Health

^yThe data provided herein is the sum of cases reported for Bonaire (60), Sint Eustatius (15) and Saba (9)

^zAfter retrospective review, suspected cases were adjusted by the Grenada Ministry of Health as of 13 October 2016

^{aa}Per information shared by the Netherlands IHR NFP to PAHO/WHO, the confirmed Zika cases was adjusted for Sint Maarten.

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