

Pan American Health Organization		Zika cases and congenital syndrome associated with Zika virus reported by countries and territories in the Americas, 2015 - 2017						
World Health Organization		Cumulative cases						
Data as of 02 November 2017 2:00 PM EST								
Country/Territory	Autochthonous cases ¹		Imported cases	Incidence Rate ²	Deaths among Zika cases ³	Confirmed congenital syndrome associated with Zika virus infection ⁴	Population x 1000 ⁵	
	Suspected	Confirmed						
North America								
Bermuda	0	0	6	6.00	0	0	75	
Canada	0	0	523	0.00	0	1	36,284	
United States of America ⁶	0	225	5,779	0.07	0	98	325,296	
Subtotal	0	225	5,808	0.06	0	99	361,651	
Latin America and the Caribbean								
Latin America								
Mexico ⁷	0	10,748	15	0.36	0	20	128,624	
Central American Isthmus								
Belize	2,005	355	0	636.12	0	0	371	
Costa Rica ⁸	7,635	1,994	32	197.28	0	6	4,881	
El Salvador	32,140	75	0	19,824	0	4	6,387	
Guatemala ⁹	3,877	1,032	0	25.64	0	140	16,674	
Honduras ¹⁰	32,385	308	3	399.18	0	8	8,190	
Nicaragua	16	2,789	3	43.09	0	2	6,384	
Panama	5,646	1,359	42	171.95	0	13	3,990	
Subtotal	63,288	7,728	77	152.95	0	173	46,437	
Latin Caribbean								
Cuba	0	187	58	1.64	0	0	11,952	
Dominican Republic ¹¹	4,919	335	0	49.07	0	85	10,708	
French Guiana ¹²	10,500	483	10	3979.35	0	1	276	
Guadeloupe ¹³	30,845	382	0	46,257.99	0	5	472	
Haiti ¹⁴	2,955	5	0	27.12	0	1	10,016	
Martinique ¹⁵	36,680	21	0	9267.93	0	5	396	
Puerto Rico ¹⁶	0	40,562	137	13,019.93	5	47	3,681	
Saint Barthélemy	16	1,005	0	1,060.00	0	0	10	
Saint Martin ¹⁷	3,263	200	0	3675.00	0	1	36	
Subtotal	90,187	42,236	205	3879.52	5	145	37,887	
Andean Area								
Bolivia (Plurinational State of)	2,586	790	4	30.77	0	14	10,971	
Colombia ¹⁸	98,644	9,925	0	23,824	0	348	48,610	
Ecuador ¹⁹	3,753	3,058	15	41.26	0	7	16,506	
Peru ²⁰	6,578	1,527	22	25.35	0	0	31,970	
Venezuela (Bolivarian Republic of)	60,126	2,413	0	108.62	0	36	31,218	
Subtotal	172,687	17,713	41	112.64	0	409	129,412	
Brazil ²¹	211,725	117,288	0	176.20	11	2,952	209,553	
Southern Cone								
Argentina ²²	539	277	41	1.85	0	2	44,060	
Chile	0	0	34	0.00	0	0	18,131	
Paraguay ²³	600	18	0	120.00	0	2	6,225	
Uruguay	0	0	1	0.00	0	0	3,444	
Subtotal	1,139	295	76	2.06	0	4	72,860	
Non-Latin Caribbean								
Anguilla	31	23	1	31.60	0	0	17	
Antigua and Barbuda ²⁴	540	25	2	601.06	0	0	94	
Aruba	1,208	7	7	1676.32	0	0	124	
Bahamas ²⁵	531	25	3	140.76	0	0	395	
Barbados ²⁶	715	150	0	296.23	0	1	292	
Bonaire, St. Eustatius and Saba ²⁷	423	0	0	2038.00	0	0	21	
Cayman Islands ²⁸	237	10	11	460.34	0	0	58	
Curacao ²⁹	4,476	2,049	0	4379.19	0	0	149	
Curaçao	1,154	79	0	1856.21	0	0	69	
Dominica	335	118	0	409.11	0	2	111	
Grenada	0	37	0	4.79	0	0	773	
Guyana ³⁰	7,712	209	0	26,424.00	0	0	2,808	
Jamaica	209	5	0	460.00	0	0	5	
Montserrat	18	5	0	1107.50	0	0	33	
Saint Kitts and Nevis	94	33	0	526.68	0	0	103	
Saint Lucia	822	83	0	579.44	0	0	208	
Saint Vincent and the Grenadines	114	83	0	374.00	0	0	103	
Sint Maarten (Dutch part)	253	149	0	951.14	0	0	42	
Suriname	2,768	724	0	637.23	4	4	548	
Trinidad and Tobago ³¹	4	718	1	53.52	0	17	3,367	
Turks and Caicos Islands	203	3	0	438.66	0	0	52	
Virgin Islands (UK)	74	53	0	362.86	0	0	35	
Virgin Islands (US)	1,168	1,048	2	212.88	0	0	203	
Subtotal	23,599	6,743	30	412.87	4	27	7,382	
TOTAL	381,685	222,866	6,252	80.19	20	1,689	1,001,909	

SOURCE: Cases reported by the Inter National Focal Points to the WHO IR 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.

PAHO/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

¹Incidence rate (autochthonous suspected + autochthonous confirmed) / 100,000 pop.

²Deaths 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.

³Confirmed 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

⁴Population 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 group for Countries and Territories of Americas 2017. <http://www.paho.org/data/index.php/en/indicadores/demograficos-core/106-cat-data-en/336-poblacion-reg-en/mi/showall-31limitstart> Accessed on January 26, 2017.

⁵International Programs Center, Population Division, U.S. Census Bureau, IODE Release Date: December 2013. <http://www.paho.org/data/index.php/en/indicadores/demograficos-core/106-cat-data-en/336-poblacion-reg-en/mi/showall-31limitstart> Accessed on January 26, 2017.

⁶Population source for Saint Barthélemy and Saint Martin available for 2014 (updated 11 December 2016) available at: Journal officiel de la République Française. <https://www.legifrance.gouv.fr/joi/pdf/20161211/JORFTEXT00001748679> Accessed on January 26, 2017.

⁷Population source for Bonaire, Sint Eustatius and Saba for 2015 (updated 29 November 2016) available at: Caribisch Nederland: bevolkingontwikkeling, geboorte, sterfte, migratie - 29 November 2016 <http://statline.cib.nl/StartPage/publication/004-524/NL/AR/805/ShowRDS-0-3-3-308020-A8D-3-4-808-161878-CL2/62/HARTYF-349WV-1> Accessed on January 26, 2017.

⁸For 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.

⁹In addition to the 225 reported cases acquired through presumed local mosquito-borne transmission, 50 cases were acquired through other routes, including sexual transmission (N=48), laboratory transmission (N=1), and person-to-person transmission through an unknown route (N=1). As of 13 September 2017, 8 pregnancy losses with birth defects have been reported. Available at: <http://www.cdc.gov/zika/united-states.html>

¹⁰On 13 September 2017, the Mexico Secretariat of Health reported 20 cumulative confirmed cases of congenital syndrome associated with Zika virus infection, one of which was stillborn. http://www.gob.mx/cms/uploads/attachment_data/filename/255063/Despacho_Casos_Sc_Congenito_asociado_a_Zika.pdf

¹¹The difference between the number of suspected (7635) and confirmed cases (3942) of Zika reported by 26 October 2017 with respect to the number of suspected (7635) and confirmed cases (3942) reported by 02 November 2017 is due to a retrospective adjustment of data by the Ministry of Health of Costa Rica. Available at: <http://www.ministeriodesalud.gov/index.php/vigilancia-de-la-salud/bolinetes/358-bolinet-epidemiologico-no-40-2017-zika-chikungunya-y-dengue/ile>

¹²In the previous Zika update from the Guatemala Ministry of Public Health on 20 March 2017, a total of 59 cases of confirmed congenital syndrome associated with Zika virus infection were notified to PAHO / WHO (EW 32 of 2015 to EW 9 of 2017). On 25 May 2017, the Guatemala Ministry of Public Health notified 140 cases of confirmed congenital syndrome associated with Zika virus infection to PAHO/WHO (EW 32 of 2015 to EW 33 of 2017), of which 39 cases were newly reported cases between EW 14 and EW 18 of 2017.

¹³On 20 August 2017, the Honduras Ministry of Health reported 10 confirmed and 379 suspected cases of Zika (EW 1 of 2017 and EW 33 of 2017), corresponding to a cumulative total of 308 confirmed and 32,385 suspected cases (EW 49 of 2015 to EW 33 of 2017). In addition, the Honduras Ministry of Health reported 6 cases of confirmed congenital syndrome associated with Zika virus infection (EW 1 of 2017 and EW 33 of 2017), corresponding to a cumulative total of 8 confirmed cases (EW 1 of 2016 to EW 33 of 2017).

¹⁴The difference between the number of reported confirmed cases of Zika from 10 August 2017 (945 cases) to 21 August 2017 (335 cases) is due to retrospective adjustment of data by the Dominican Republic Ministry of Public Health and Social Assistance. The difference between the number of reported cases of confirmed congenital syndrome associated with Zika virus infection from 10 August 2017 (93 cases) to 21 August 2017 (85 cases) is due to a change in the criteria for the case definition of microcephaly by the Dominican Republic Ministry of Public Health and Social Assistance, which resulted in the retrospective re-classification of cases.

¹⁵The reported number of suspected cases of Zika are estimates. According to Santé publique France, the estimated number of suspected cases is the sum of the number of visits reported by the Decentralized Centers of Prevention and Care (CDPS) and the estimated number of people who sought medical care from a general practitioner for this purpose. The estimate is based on data collected by the sentinel physician network.

¹⁶In the previous Zika update from the Antigua and Barbuda Ministry of Health and the Environment on 25 November 2016, a total of 465 suspected and 14 confirmed cases were notified to PAHO/WHO (EW 31 to EW 46 of 2016). On 16 August 2017, the Antigua and Barbuda Ministry of Health and the Environment notified PAHO/WHO of 540 suspected cases and 25 confirmed cases distributed between EW 2 of 2016 and EW 27 of 2017. No confirmed cases have been reported between EW 1 and EW 27 of 2017.

¹⁷In the previous Zika update from the Bahamas Ministry of Health on 19 June 2017, a total of 440 suspected and 25 confirmed cases of Zika were notified to PAHO / WHO (EW 1 of 2016 to EW 32 of 2016). On 23 August 2017, the Bahamas Ministry of Health reported 51 additional suspected cases (EW 1 of 2017 to EW 30 of 2017), resulting in a cumulative total of 531 suspected and 25 confirmed cases of Zika distributed between EW 1 of 2016 and EW 30 of 2017.

¹⁸In the previous Zika update from the Barbados Ministry of Health on 15 December 2016, a total of 699 suspected and 46 confirmed cases were notified to PAHO / WHO (EW 1 of 2016 to EW 46 of 2016). On 27 April 2017, the Barbados Ministry of Health notified 705 suspected and 150 confirmed cases of Zika to PAHO/WHO occurred between EW 1 of 2016 and EW 31 of 2017. Of the 150 confirmed cases, 3 occurred in 2015, 144 in 2016 and 3 in 2017.

¹⁹In the 26 April Zika update from the Netherlands Ministry of Health, Welfare and Sport, a total of 235 suspected and 381 confirmed cases were notified to PAHO / WHO (EW 1 of 2016 to EW 32 of 2017). On 21 June 2017, the Netherlands Ministry of Health, Welfare and Sport reported 56 additional confirmed cases, resulting in a cumulative total of 235 suspected and 437 confirmed cases (EW 1 of 2016 to EW 22 of 2017). The data provided herein is the sum of confirmed cases reported for Bonaire (352), Sint Eustatius (61) and Saba (24).

²⁰On 21 August 2017, Public Health England reported one confirmed and 20 suspected cases of Zika (EW 1 of 2017 and EW 32 of 2017), corresponding to a cumulative total of 31 confirmed and 237 suspected cases (EW 1 of 2016 to EW 32 of 2017). The single confirmed case of Zika notified in 2017 is an imported case.

²¹In the previous Zika update from the Netherlands Ministry of Health, Welfare and Sport on 26 April 2017, a total of 2,589 suspected and 1,259 confirmed cases were notified to PAHO / WHO (EW 1 of 2016 to EW 47 of 2016). On 10 July 2017, the Netherlands Ministry of Health, Welfare and Sport notified 4,016 suspected and 2,549 confirmed cases distributed between EW 1 of 2016 and EW 22 of 2017.

²²The three cases of congenital syndrome associated with Zika virus infection were confirmed by the Guyana Ministry of Health on June 2017; these cases were detected between September and December 2016.

²³In the previous Zika update from the Trinidad and Tobago Ministry of Health on 29 May 2017, a total of 3 cases of confirmed congenital syndrome associated with Zika virus infection were notified to PAHO / WHO (EW 6 of 2016 to EW July of 2017). On 21 August 2017, Trinidad and Tobago Ministry of Health notified 37 cases of confirmed congenital syndrome associated with Zika virus infection distributed between EW 32 of 2015 and EW 33 of 2017, of which 10 corresponded to new cases notified between EW 1 and EW 33 of 2017.