

Zika cases and congenital syndrome associated with Zika virus reported by countries and territories in the Americas, 2015 - 2016 Cumulative cases

Data as of 30 November 2016 12:00 PM EST

Country/Territory	Autochthonous cases ^a		Incompand accord		Deaths among	Confirmed congenital syndrome associated with Zika	Population
	Suspected	Confirmed	Imported cases	Incidence Rate ^b	Zika cases ^c	virus infection ^d .	X 1000°
orth America							
		_		0.00	^		
ermuda anada ¹	0	0	5 374	0.00	0	0	71 36,286
nited States of America ²	0	183	4,261	0.06	0	33	324,119
Subtotal	0	183	4,640	0.05	0	33	360,476
atin America and the Caribbean							
atin America							
lexico	0	6,764	15	5.26	0	0	128,632
entral American Ishtmus		- 12		400.00			249
elize	537 2,618	49 1,453	0 32	159.67 83.82	0	0 2	367 4,857
osta Rica I Salvador ³	11.363	51	0	185.71	0	2 A	6,146
saivador uatemala ⁴	2,785	466	0	1950	0	15	16,673
onduras	31.863	298	0	392.69	0	2	8.190
icaragua	0	2,045	3	33.25	0	0	6,150
anama ⁵	2,168	544	42	67.97	0	5	3,990
Subtotal	51,334	4,906	77	121.28	0	28	46,373
ntin Caribbean							
uba	0	3	30	0.03	0	0	11,393
ominican Republic ⁶	4,898	327	0	49.07	0	22	10,649
rench Guiana ⁷	9,700	483	10	3689.49	0	14	276
uadeloupe ⁷	30,845 2,955	379 5	0	6629.30 27.29	0	1 1	471 10,848
aiti	2,955 36,680	12	0	27.29 9265.66	0	14	10,848 396
Iartinique ⁷ uerto Rico	36,680	34.562	1	9205.00	5	5	3,681
	930	61	0	11011.11	0	0	9
aint Barthelemy ⁷ aint Martin ⁷	2,950	200	0	8750.00	0	0	36
Subtotal	88,958	36,032	41	331.02	5	57	37,759
ndean Area	00,550	30,032	72	331.02			37,733
olivia (Plurinational State of)	718	140	4	7.88	0	9	10,888
olombia	96,692	8,826	0	216.87	0	60	48,654
cuador ⁸	2,668	833	15	21.37	0	0	16,385
eru	0	171	18	0.55	0	0	31,374
enezuela (Bolivarian Republic of) 9	59,147	2.380	0	195.21	0	0	31,519
Subtotal	159,225	12,350	37	123.60	0	69	138,820
razil ¹⁰	200.465	109,596	0	147.95	6	2,189	209,568
outhern Cone		.,,,,,					,
	1,821	26	27	421	0	1	43.847
rgentina	0	0	29	0.00	0	0	18,132
hile	583	12	0	8.85	0	2	6,725
araguay	0	0	1	0.00	0		
	0						
						0	344
Subtotal	2,404	38	57	3.54	0	3	344 69,048
Subtotal	2,404						
Subtotal on-Latin Caribbean	2,404 53						
Subtotal on-Latin Caribbean nguilla		38	57	3.54	0	3	69,048
Subtotal on-Latin Caribbean nguilla ntigua and Barbuda	53	38	1	3.54 358.82	0	0	69,048
Subtotal on-Latin Caribbean nguilla ntigua and Barbuda uba	53 465 614 0	8 14 28 21	1 2 7 3	3.54 358.82 509.57 563.16 5.34	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17 94 114 393
Subtotal on-Latin Caribbean nguilla ntiqua and Barbuda ruba shamas	53 465 614 0 653	8 14 28 21 37	1 2 7 3 0 0	3.54 358.82 509.57 563.16 5.34 237.11	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17 94 114 393 291
Subtotal on-Latin Caribbean nguilla ntigua and Barbuda ruba ahamas arbados onaire, St Eustatius and Saba ¹¹	53 465 614 0 653	8 14 28 21 37 85	1 2 7 7 3 0 0 0	358.82 509.57 563.16 5.34 237.11 340.00	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17 94 114 393 291 25
on-Latin Caribbean nguilla ntigua and Barbuda ruba shamas arbados onaire, S Eustatius and Saba ¹¹ yaynan Islands	53 465 614 0 653 0	8 14 28 21 37 85 29	1 2 7 7 3 0 0 0 10 10	3.54 358.82 509.57 563.16 5.34 237.11 340.00 403.51	0 0 0 0 0 0	0 0 0 0 0 0 0 0	17 94 114 393 291 25 57
Subtotal on-Latin Caribbean Inguilla Intiqua and Barbuda ruba ahamas arbados onaire, 5 t Eustatius and Saba ¹¹ ayman Islands uracao	53 465 614 0 653 0 201	8 8 14 28 21 37 85 29 820	1 2 7 3 0 0 0	3.54 358.82 509.57 563.16 5.34 227.11 340.00 403.51 550.34	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	94 114 393 291 25 57 149
Subtotal on-Latin Caribbean Inguilla Intigua and Barbuda Iuba Ishamas Ivbados	53 465 614 0 653 0 201 0	8 8 14 28 21 37 85 29 820 79	57 1 2 7 3 0 0 10 0	3.54 358.82 509.57 563.16 5.34 237.11 340.00 403.51 550.34 1660.81	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0	17 94 114 393 291 25 57 149
Subtotal on-Latin Caribbean niguila intigua and Barbuda urba shamas whados naire, St Eustatius and Saba ¹¹ yaman Islands uracao minica emada ²¹	53 465 614 0 653 0 201	8 14 28 21 37 85 29 820 79 109	1 2 7 3 0 0 0	358.82 509.57 563.16 5.34 237.11 340.00 403.51 550.34 1660.81 381.08	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	17 94 114 393 291 25 57 149 74
Subtotal on-Latin Caribbean nguilla ntigua and Barbuda tuba shamas vrbados naire, St Eustatius and Saba ¹¹ yyman Islands urnatean ominica enada ¹² yyana	53 465 614 0 653 0 201 0 1,150 314	8 8 14 28 21 37 85 29 820 79	1 2 2 7 3 3 0 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 237.11 340.00 403.51 550.34 1660.81	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17 94 114 393 291 25 57 149
Subtotal on-Latin Caribbean nguilla ntigua and Barbuda uba shamas urbados naire, St Eustatius and Saba ¹¹ yman Islands uracao ominica renada ¹² yyana maica	\$3 465 614 0 653 0 201 0 1,150 314 0	38 8 14 28 21 37 85 29 820 79 109 6	57 1 2 7 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 227.11 340.00 403.51 550.34 1660.81 381.08 0.78 258.22 40.00	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 393 291 25 57 149 74 111 771
Subtotal on-Latin Caribbean nguilla trigus and Barbuda uba hahmas rrbados narie, St Eustatius and Saba ¹¹ yman Islands reraca ominica enada ¹² yyana maica motiserat	53 465 614 0 653 0 201 0 0 1,150 314 0 7,052 0	38 8 14 28 21 37 85 29 820 79 109 6 186 2 26	57 1 2 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 227.11 340.00 40.51 550.34 1660.81 381.08 0.78 258.22 40.00 1073.08	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 393 291 25 57 149 74 111 2,803 5 52
Subtotal an-Latin Caribbean uguilla utiqua and Barbuda uba hamas ribados onaire, SE textatius and Saba ¹¹ yman Islands racao minica enada ¹² yayaa maica onterrat int Kitts and Nevis	53 465 614 0 653 0 201 0 1,150 1,150 3,14 0 7,05,2 0 5,32 822	8 14 28 21 37 85 820 99 109 6 6 186 2 2 2 5 50	57 1 2 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 237.11 340.00 403.51 1660.81 361.08 0.78 258.22 40.00 1073.08 533.71	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 393 291 25 57 149 74 111 771 2,803 5 52
Subtotal on-Latin Caribbean niquilla ntiqua and Barbuda urba shamas rrbados naire, St Eustatius and Saba ¹² yman Islands uracao pominica enada ¹² uyana maica ontserrat int Kitts and Nevis int Lucia	53 465 614 0 63 0 201 0 1,150 314 0 7,052 0 0 532 822	38 8 14 28 21 37 85 29 820 79 109 6 186 2 26 50 38	57 1 2 7 7 3 3 0 0 10 10 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 227.11 340.00 403.51 550.34 1660.81 381.08 0.78 258.22 40.00 1073.08 531.71 190.20	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 393 291 25 57 149 74 111 771 2,803 5 52 164 102
on-Latin Caribbean nguilla ntigua and Barbuda ruba ahamas arbados onaire, 51 Eustatius and Saba ¹¹ ayman Islands uracao ominica renada ¹² uyana uyana umaica lontserrat aint Kitts and Nevis sint Lucia sint Vincent and the Grenadines	53 465 614 0 653 0 201 0 1,150 314 0 532 822 156	38 8 14 28 21 37 85 29 820 79 109 6 186 2 26 50 38 62	57 1 2 7 7 3 0 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 237.11 340.00 403.51 550.34 1660.81 381.08 0.78 225.22 40.00 1073.08 531.71 190.20 560.98	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 393 291 25 57 149 74 111 771 2,803 5 52 164 102
on-Latin Caribbean nguilla ntigua and Barbuda ruba shamas arbados onaire, St Eustatius and Saba ¹¹ yyman Islands uracao ominica renada ¹² uyana maica onsternat int Kitts and Nevis sint Lucia sint Vincent and the Grenadines nt Maarten (Dutch part) ¹³	53 465 614 0 653 0 201 0 1,150 1,150 0 7,052 0 532 822 156 168 168 2,7755	38 8 14 28 21 37 85 29 820 79 109 6 186 2 2 26 38 62 723	57 1 2 7 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 227.11 340.00 403.51 550.34 1660.81 381.08 0.78 258.22 40.00 1073.08 1073.08 531.71 190.20 560.98 634.67	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 393 291 25 57 149 74 111 771 2,803 5 52 164 102 41 548
on-Latin Caribbean Inguilla Intigue and Barbuda Intigue and Saba ¹¹ Intigue	53 465 614 0 633 0 201 0 1,150 334 0 7,052 0 532 822 156 168 2,755 0 0	38 8 14 28 21 37 85 29 820 79 109 6 186 2 26 50 38 62 723 38 62 723	57 1 2 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1	3.54 358.82 509.57 563.16 5.34 227.11 340.00 403.51 550.34 1660.81 381.08 0.78 258.22 40.00 1073.08 531.71 190.20 560.98 634.67 47.11	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 339 291 25 74 111 77 2803 5 52 164 41 548 13665
on-Latin Caribbean Inguilla Intigua and Barbuda Intigua and Barbuda Intigua and Barbuda Intigua and Sabau Intigua In	53 465 614 0 653 0 201 0 1,150 314 0 7,052 0 532 822 156 168 2,755 0 115	38 8 14 28 21 37 85 29 29 109 6 186 2 26 50 38 38 62 723 643 112	57 1 2 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 1 1 3 3	3.54 358.82 509.57 563.16 5.34 227.11 340.00 403.51 1660.81 381.08 278.258.22 40.00 1073.08 531.71 190.20 634.67 47.11 249.02	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	62,048 17 94 114 129 129 125 57 149 74 111 77 12,803 5 5 120 41 1302 41 1,365 51
Subtotal on-Latin Caribbean nguilla ntigua and Barbuda ruba shamas arbados onaire, 5t Eustatius and Saba ³¹ syman Islands suracao ominica remada ¹² uyana umaica lontserrat sint Kitts and Nevis sint Lucia sint Vincent and the Grenadines nt Maarten (Dutch part) ¹³ uriname rinidad and Tobago urks and Caicos Islands regins Islands (UK)	53 465 634 0 653 0 201 0 1,150 314 0 7,052 0 532 822 156 168 2,755 0 115	38 8 14 28 21 37 37 85 29 820 79 109 6 186 2 2 6 50 38 62 723 643 12 38	57 1 2 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.54 358.82 509.57 563.16 5.34 227.11 237.11 550.34 1660.81 381.08 0.78 258.22 40.00 1073.08 533.71 190.20 560.98 634.67 47.11 249.02 261.76	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 0 0 0 0 0 0 0 0 0 0 0 0	69,048 17 94 114 393 291 25 57 149 74 111 2,803 5 52 164 102 41 588 1,365 51
rugusay Subtotal Ion-Latin Caribbean Inguilla Intigua and Barbuda Iruba Intigua and Saba ¹¹ Intigua Iruba I	53 465 614 0 653 0 201 0 1,150 314 0 7,052 0 532 822 156 168 2,755 0 115	38 8 14 28 21 37 85 29 29 109 6 186 2 26 50 38 38 62 723 643 112	57 1 2 7 3 0 0 10 0 0 0 0 0 0 0 0 0 0 0 1 1 3 3	3.54 358.82 509.57 563.16 5.34 227.11 340.00 403.51 1660.81 381.08 278.258.22 40.00 1073.08 531.71 190.20 634.67 47.11 249.02	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	62,048 17 94 114 129 129 125 57 149 74 111 77 12,803 5 5 120 41 1302 41 1,365 51

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. nformation 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

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

Deaths 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.

Confirmed 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 "Contimed congenital syndrome associated with Zika virus infection case definition cive newborn was detected in a suppected case of congenital syndrome associated with Zika virus infection was detected in specimens of the memborn, regardless of detection of other pathogens. Case definitions for congenital syndrome associated with Zika virus infection was available at: http://www.paho.org/n/indee.ph/poption=com_concentent/evew-article/disd 1711/28/tennied-18228/dang=en
"Population 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/indee.htm, July 2015. Processed and revised by PAHO. Core Basic Indicators 2016. http://www.paho.org/n/data/indee.ph/por/indicators/data/nee.ph/enrindicators/demographics-core/do-cat-data-en-thinh Accessed on August 16, 2016.
Population source for Saint Barthelemy and Saint Martin available at: Populations légales 2011 des collectivités d'outre-mer http://www.insee.fr/fr/ppp/bases-de-donnees/recensement/populations-legales/france-departements asp?annee=2011#com

accessed on August 16, 2016.

Population source for Bonaire. Sint Eustatius and Saba available at: Caribisch Nederland: bevolkingsontwikkeling. geboorte, sterfte, migratie - 12 augustus 2015 http://statline.cbs.nl/StatWeb/publication/?DM=SLNL&PA=80539ned&D1=0-1.9-

108(DZ=a&tD3=a&tHDR=T8GTB=G1,G2&CHARTTYPE=1&VW=1 Accessed on August 16, 2016.

The previously reported case has been removed due to clarification received from Public Health Agency of Canada (PHAC).

Confirmed cases in the United States of America includes one laboratory acquired case. Available at: http://www.cdc.gov/zika/geo/united-states.html
After retrospective review, laboratory-confirmed cases was adjusted by the El Salvador IHR National Focal Point as of 25 August 2016.
On 24 October, The Guatemala IHR Alkational Focal Point provided an update indicating that there were El Salvadorsbory-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 anged by Guatemala to 15.

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

7 Per the Circ Antilles Guyane Bulletin 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.

After retrospective review by Excusion 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 was 10 May 18 automated and suspected Zika cases was lowered as of 25 August; imported Zika cases ware lowered as of 25 August; suspected Zika cases ware lowered as of 30 November.

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

Brazil 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 46 of 2016, 432 cases were confirmed for Zika virus by boratory criteria. Information on Suspected and confirmed Zika cases is available at: http://portalsaude.saude.gov.br/images/pdf/2016/outubro/18/2016-029-Dengue-publicacao-n-34.pdf

s of 11 November, suspected Zika cases were adjusted by the Brazil Ministry of Public Health after retrospective review. The data provided herein is the sum of cases reported for Bonaire (60), Sint Eustatius (16) and Saba (9).

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

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

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