

Region of the Americas Update



3 PM WDC. 22 December 2021

Last 24 hours *

- 243,626** Additional cases
- 2,749** Additional deaths
- 0.24%** Relative increase in cases
- 0.12%** Relative increase in deaths
- 41** Countries/territories reporting new cases
- 23** Countries/territories reporting new deaths

Highest numbers of cases & deaths in the last 24 hrs.*

Cases (≥ 1,000)

United States	201,750
Canada	11,309
Argentina	9,336
Brazil	3,621
Puerto Rico	3,166
Mexico	2,980
Bolivia	2,376
Colombia	1,766
Peru	1,510

Deaths (≥ 100)

United States	2,194
Mexico	245

Region of the Americas

100,567,882 cases

2,393,039 deaths

56

countries/areas/territories affected.

Global

275,802,578 cases

5,369,361 deaths

236

countries/areas/territories affected.

COVID-19 – Highlights

Today's maps illustrate mortality from COVID-19 per 1 million population in the region of the Americas in EW 49 and 50.

In **North America**, most states with a mortality rate >50 per million, while some states continue to report a mortality rate >100 per million population (Kentucky, Montana, Wyoming, Arizona, Michigan, Virginia, Pennsylvania). In Canada, we see decreased mortality rates relative to the previous weeks, with Manitoba, Alberta, and British Columbia having the highest mortality rates in the country.

In **Central America**, Belize shows a decline in mortality, with Cayo, Toledo, and Belize districts having >25 deaths per million people. We see a continued decline in the other countries in the sub-region.

In **South America** we see a continued decline in new deaths in all countries in the sub-region except for Chile where we observe an increase in Aysen.

The **Caribbean** islands report decreased mortality rates in most of its territories. However, Trinidad and Tobago continues to report the highest mortality in the region. Dominica, Martinique, and Barbados report the high mortality rates in the region, with a decline relative to the last 2 weeks.

Total cases, deaths & CFR (%) among PAHO countries/territories with ≥ 200,000 cumulative cases.

Country/Territory	Cases	Deaths	CFR (%)
United States of America	51,092,599	803,744	1.6%
Brazil	22,219,477	617,948	2.8%
Argentina	5,404,380	116,953	2.2%
Colombia	5,110,788	129,534	2.5%
Mexico	3,937,082	298,161	7.6%
Peru	2,267,715	202,338	8.9%
Canada	1,907,771	30085	1.6%
Chile	1,794,750	38900	2.2%
Cuba	964,317	8317	0.9%
Guatemala	624,171	16081	2.6%
Bolivia	568,967	19480	3.4%
Costa Rica	568,860	7343	1.3%
Ecuador	538,218	33624	6.2%
Panama	484,125	7405	1.5%
Paraguay	464,793	16588	3.6%
Venezuela	442,178	5299	1.2%
Dominican Republic	412,263	4223	1.0%
Uruguay	405,236	6157	1.5%
Honduras	378,963	10429	2.8%
Puerto Rico	202,316	3287	1.6%

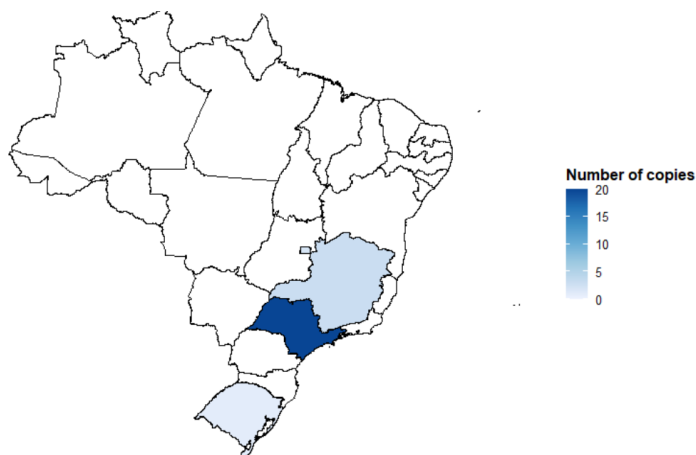
*Numbers may vary due to differences in reporting times.

Spotlight – Brazil – COVID-19 Daily PAHO CO Situation Report – 22 December 2021

Current Situation: Since the start of the pandemic up to 21 December 2021, there have been 22,219,477 cumulative confirmed cases of COVID-19 in Brazil. Of these, 21,505,879 have recovered and 617,948 have been reported dead. There are 95,650 on-going cases with variant of concern (VOC), Omicron, detected amongst the population. Community transmission continues within the nation.

Figure 2: Distribution of Genomic Sequences of VOC Omicron reported to GISAID in Brazil. As of December 2021

Epidemiological Trends: Between 14 and 20 December 2021, the Northern region reported the highest number of cases (9,630 additional cases) with most of cases reported in the state of Pará (4,475 new cases). The Northern region also accounted for the highest incidence rate during the same period (52 cases per 100,000 population). However, the state of Rondônia led the country with the highest incidence rate of 119 cases per 100,000 population.



VOC Omicron: Figure 1 illustrates the distribution of genomic copies of VOC Omicron submitted to the GISAID in Brazil as of 21 December 2021 (26 cases). However, since its detection on 29 November 2021, 27 cases have been identified via whole genomic sequencing and reported by the Brazilian ministry of health (MoH); 16 of the identified cases have occurred in the State of São Paulo, 2 cases have been recorded in Distrito Federal, 1 case in Rio Grande do Sul, 4 cases in the state of Goiás, 3 cases in the state of Minas Gerais and 1 case in the state of Rio de Janeiro. The differences in number of confirmed cases and genomic sequences of VOC Omicron submitted to the GISAID can be found in Table 1.

Table 1: Number of Confirmed Cases and Genomic Sequences of VOC Omicron (B.1.1.529 + BA.x) reported to GISAID from Brazil, by Federal Unit

Federation Unit	Confirmed cases	Genomic copies submitted to GISAID
São Paulo	16	20
Minas Gerais	3	3
Distrito Federal	2	2
Rio Grande do Sul	1	1
Goiás	4	0
Rio de Janeiro	1	0
Total	27	26

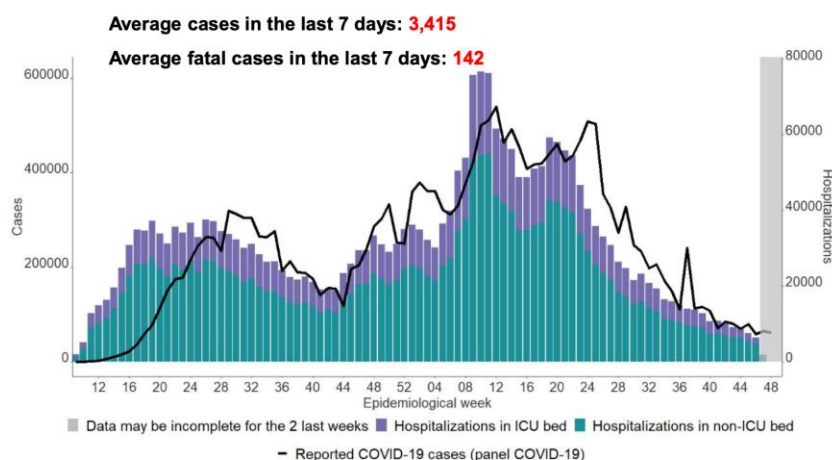
however, reported the highest mortality rate (0.62 death per 100,000 population), with Rondônia reporting the highest mortality rate (1.9 cases per 100,000 population).

Vaccinations: As of 20 December, 86% of the population of 18+ years of age has received at least one dose of the COVID-19 vaccine. However, as of 8 December, there were 6,987,784 doses applied that are not registered by FU's according to the Ministry of Health dashboard. São Paulo, Paraná, Santa Catarina and Minas Gerais have the highest percentages of the population >18 years old vaccinated with the 2nd or single dose. Additionally, 19,743,199 doses have already been administered to 12 to 17-year-olds in Brazil.

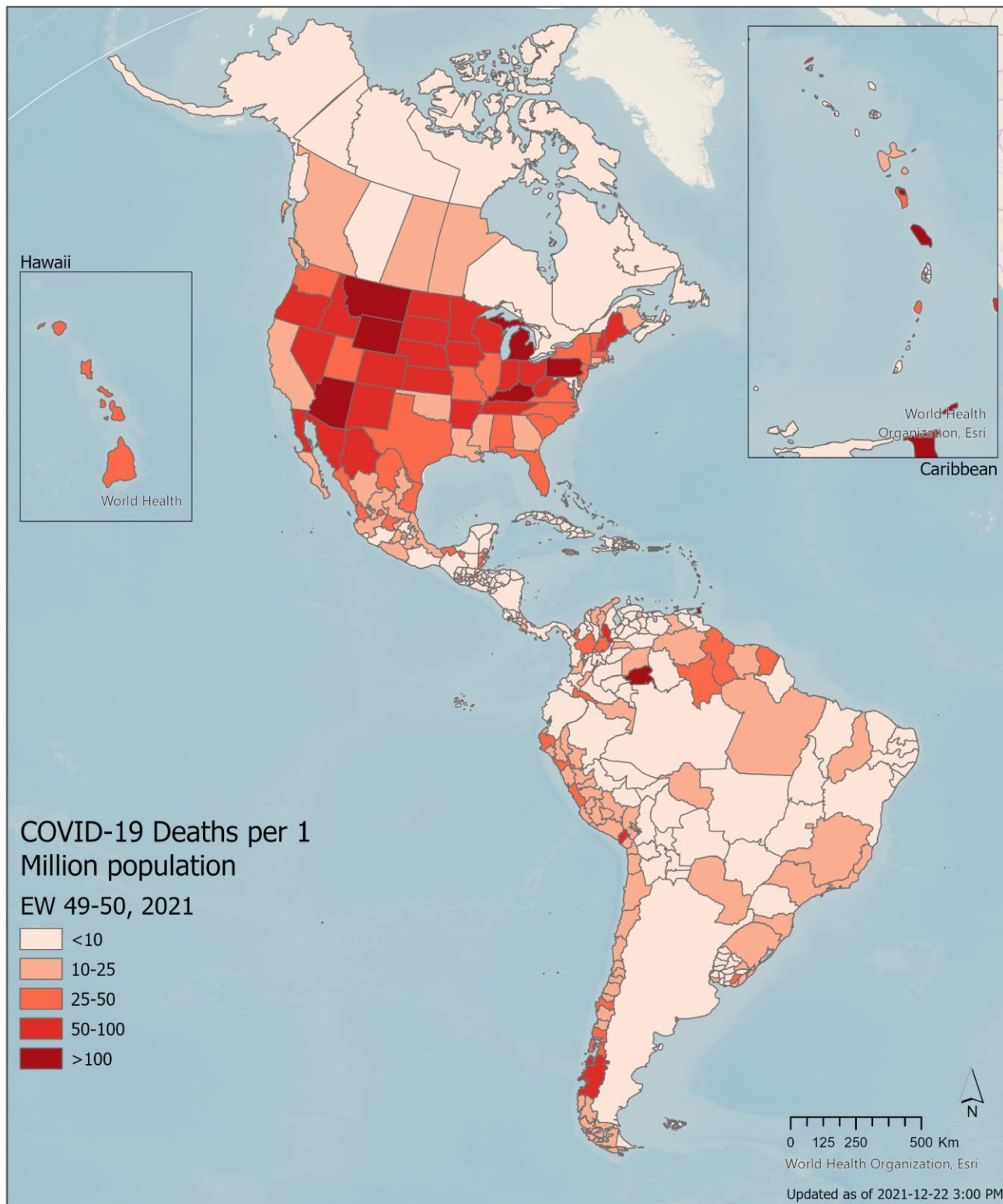
Hospitalizations: Figure 2 illustrates the number of COVID-19 case and hospitalizations by Epidemiological week (EW), between EW 9 of 2020 and EW 48 of 2021. As of 20 December 2021, no Federal Units has a high ICU bed occupancy rate (above 70%).

Deaths and Mortality: Between 14 and 20 December 2021, the Southeastern region reported the highest number of fatal cases (493 additional deaths) with São Paulo being the state with the highest number of fatal cases (310 additional deaths). The Northern region,

Figure 1: COVID-19 Cases and Hospitalizations by Epidemiological Week as of 20 December 2021



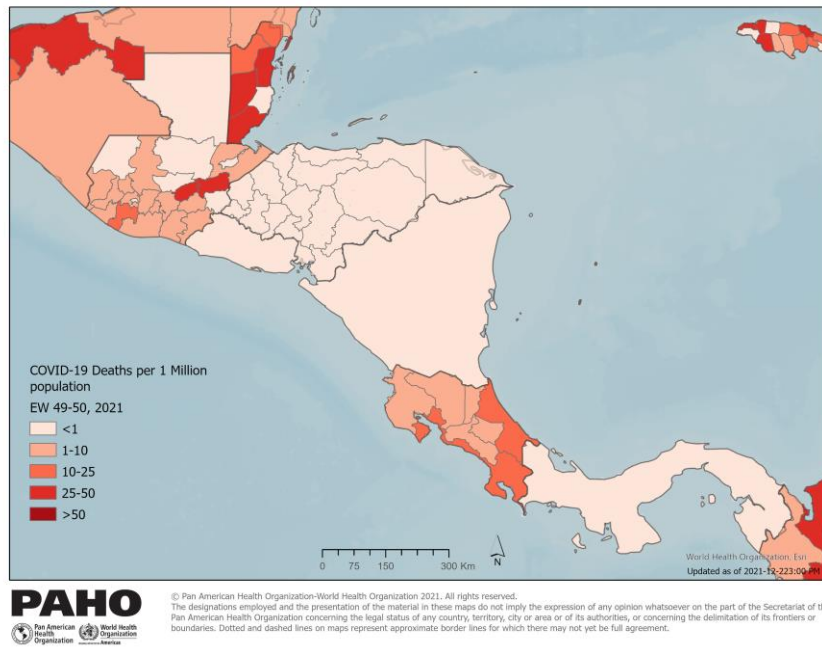
Map 1. Mortality from COVID-19 per 1 million population in the Region of the Americas by country/territory reported in EW 49 and 50. As of 22 December 2021



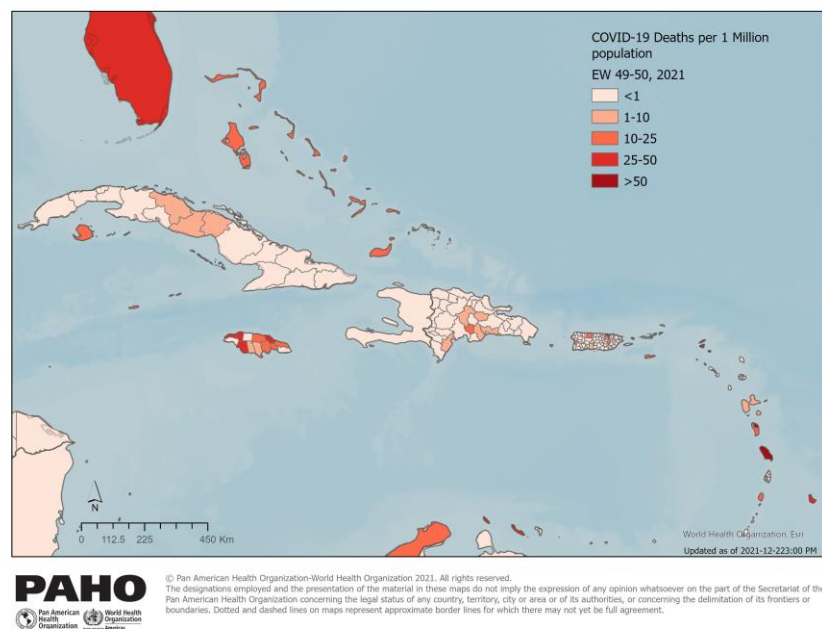
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Map 2. Mortality from COVID-19 per 1 million population in the Region of the Americas by country/territory reported in EW 49 and 50. As of 22 December 2021



Map 3. Mortality from COVID-19 per 1 million population in the Region of the Americas by country/territory reported in EW 49 and 50. As of 22 December 2021





COVID-19 situation reported by countries and territories in the Americas, as of 22 December 2021
 Updated as of 3 PM

Sub-Region	Country/Territory	Cases			Deaths		
		7 Day MA* Trend	Cummulative	7day % change	7 Day MA* Trend	Cummulative	7day % change
North America	Canada		1,907,771	108%		30,085	-18%
	Mexico		3,937,082	-35%		298,161	-33%
	United States of America (the)		51,092,599	38%		803,744	10%
	Subtotal		56,937,452			1,131,990	
Central America	Belize		31,322	-36%		591	25%
	Costa Rica		568,860	-7%		7,343	11%
	El Salvador		121,623	-76%		3,812	20%
	Guatemala		624,171	-21%		16,081	-42%
	Honduras		378,963	31%		10,429	-38%
	Nicaragua		13,531	-14%		216	0%
	Panama		484,125	43%		7,405	17%
	Subtotal		2,222,595			45,877	
South America	Argentina		5,404,380	87%		116,953	3%
	Bolivia (the Plurinational State of)		568,967	15%		19,480	37%
	Brazil		22,219,477	-38%		617,948	3%
	Chile		1,794,750	-11%		38,900	-7%
	Colombia		5,110,788	-1%		129,534	-1%
	Ecuador		538,218	-14%		33,624	-34%
	Paraguay		464,793	94%		16,588	125%
	Peru		2,267,715	7%		202,338	-4%
	Uruguay		405,236	38%		6,157	22%
	Venezuela (Bolivarian Republic of)		442,178	-24%		5,299	7%
Subtotal		39,216,502			1,186,821		
Caribbean and Atlantic Ocean Islands	Anguilla		1,629	-70%		5	0%
	Antigua and Barbuda		4,205	8%		117	0%
	Aruba		16,920	69%		180	-33%
	Bahamas (the)		23,240	140%		713	-100%
	Barbados		27,308	-44%		256	-77%
	Bermuda		5,917	323%		106	0%
	Bonaire		3,176	-25%		22	0%
	Cayman Islands		8,097	-68%		9	0%
	Cuba		964,317	8%		8,317	100%
	Curacao		17,901	144%		184	0%
	Dominica		6,520	113%		44	0%
	Dominican Republic (the)		412,263	-31%		4,223	-63%
	Falkland Islands (the)		81	0%		0	0%
	French Guiana		47,012	48%		337	100%
	Grenada		5,933	260%		200	0%
	Guadeloupe		55,564	20%		830	-33%
	Guyana		38,926	-14%		1,039	0%
	Haiti		25,945	-74%		765	-100%
	Jamaica		92,226	23%		2,450	6%
	Martinique		47,337	-27%		769	-41%
Montserrat		45	0%		1	0%	
Puerto Rico		202,316	1513%		3,287	233%	
Saba		14	0%		0	0%	
Saint Barthelemy		1,692	0%		4	0%	
Saint Kitts and Nevis		2,809	100%		28	0%	
Saint Lucia		13,209	131%		295	0%	
Saint Martin		4,075	-16%		38	0%	
Saint Pierre and Miquelon		96	-75%		0	0%	
Saint Vincent and the Grenadines		5,810	12%		79	100%	
Sint Eustatius		31	0%		0	0%	
Sint Maarten		4,705	14%		75	0%	
Suriname		51,498	1%		1,186	75%	
Trinidad and Tobago		86,596	-10%		2,639	23%	
Turks and Caicos		3,178	19%		26	0%	
Virgin Islands (UK)		3,016	86%		39	-100%	
Virgin Islands (US)		7,726	143%		88	-100%	
Subtotal		2,191,333			28,351		
Total		100,567,882			2,393,039		

* 7 Day Moving Average

Legend



Table notes on the next page.

NOTES:

-Case and death counts may include both confirmed and probable classifications depending on the reporting Member State.

-Antibody tests, including rapid diagnostic tests (RDTs) based on antibody detection, are not recommended for use by PAHO/WHO in clinical diagnosis. Antigen-detecting RDTs may be used following the WHO 122 December 2020 Guidance, available at: <https://bit.ly/2FxK2fs>.

-Data is updated on a weekly basis for the British Virgin Islands, Guadeloupe, Martinique, Nicaragua, Saint Barthelemy, Saint Martin, and Saint Pierre and Miquelon.

-As of 122 December 2020, the previously aggregated Bonaire, Saba and Sint Eustatius are now being presented separately in the table.

-*A dispute exists between the Governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (the) (Malvinas)

Argentina: On 14 March 2021, due to daylight savings time observed in Eastern Standard Time zone, the Argentina data is no longer published by 3:00PM EST same day and is henceforth included in the following day table. Between 22 February and 14 March 2021, the data had corresponded to the same date.

Bahamas: According to the latest Bahamas Ministry of Health (MoH) publication, there are a total of 38 additional deaths under investigation, available at: <https://bit.ly/3wh84Aq>,

Ecuador: According to a 6 September Ecuador Ministry of Public Health press release, only cases confirmed by RT-PCR will be reported; previously, cases who tested positive by either RT-PCR or RDTs were reported, resulting in the exclusion of 8,956 cases. Available at: <https://bit.ly/3h2EWEA> ,,,

El Salvador: Cumulative cases and deaths as published by the Government of El Salvador: <https://covid19.gob.sv/>. The government presents a retroactively adjusted epidemiological curve of daily cases on the same dashboard.

Jamaica: According to the latest Jamaica Ministry of Health and Wellness press release, there are a total of 349 additional deaths under investigation, available at: <https://bit.ly/3qAwIJo>

Mexico: On 1 June 2021, the Mexico Ministry of Health reported 4,272 deaths in 24 hours. Of these, 3,924 were reported in 2020 and the remaining were reported in 2021. Available at: <https://bit.ly/3pfdMA8>

Nicaragua: Please note there are discrepancies with the data published by the Citizen's Observatory COVID-19 Nicaragua as of 15 December 2021. Available at: <https://bit.ly/3pw7ZVR>

Peru: Aggregated case total as reported by the Peru MoH; latest disaggregated data available is 683,503 by RT-PCR + 630,832 by antigen tests + 949,404 by other RDTs. Antibody tests, including RDTs based on antibody detection, are not recommended for use by PAHO/WHO in clinical diagnosis. Antigen-detecting RDTs may be used following the WHO 11 September 2020 Guidance, available at: <https://bit.ly/3fjVKTM>. On 31 May 2021, the Government of Peru announced that, after revision, the death toll was 180,764 deaths as of 22 May 2021, available at: <https://bit.ly/3fYGj8V>. The number of cumulative deaths reported prior to the revision, on 30 May, was 69,342, available at: <https://bit.ly/3pkar2U>.

Puerto Rico: Aggregated case total as reported by the Puerto Rico Department of Health (DoH); 162,072 were positive by RT-PCR and 40,244 were positive by antigen tests; previously, cases who tested positive by either RT-PCR or serological RDTs were reported, resulting in the exclusion of 33,965 cases. Available at: <https://bit.ly/3AXY7KU>

United States of America: Case and death counts include both confirmed and probable classifications, as published on the U.S. Centers for Disease Control and Prevention (US CDC) website on 22-December. Excludes American Samoa, Federated States of Micronesia, Guam, Commonwealth of the Northern Marianas, Puerto Rico, Palau, Republic of Marshall Islands and the United States Virgin Islands. Please note that the state of Maryland has not been submitting COVID-19 data to the U.S. CDC since 3 December 2021 due to server issues. Case and death counts may differ from other US CDC data sources because these are provisional counts which are subject to change, including updates to data reported previously, adjustments can occur.

Sources: <https://bit.ly/2RSpap5> and <https://bit.ly/2RVI2n6>. No update was available on the US CDC website as of 4PM on 21 December 2021.

Uruguay: According to the latest Uruguay Ministry of Public Health report, the total notes 00 positive cases reported in the last 24 hours were excluded from the total. Available at: <https://bit.ly/3so8xBL>.

DATA ADJUSTMENTS: Differences in the total number of cases and/or deaths and respective % increases reflect the following adjustment(s):

ISO3_CODE	Adjusted Date	Cases	Deaths	Source
AIA	2021-12-20	1629	5	https://bit.ly/3FngSt2
BHS	2021-12-21	23161	713	https://bit.ly/3yOZIHT
CRI	2021-12-19	568641	7340	https://bit.ly/3H5amHL
CRI	2021-12-20	568684	7340	https://bit.ly/3GWTdQC
CRI	2021-12-21	568755	7342	https://bit.ly/32mnCsx
HTI	2021-12-18	25934	765	https://bit.ly/3ySxiXZ
HTI	2021-12-19	25941	765	https://bit.ly/3spfoLe
HTI	2021-12-20	25945	765	https://bit.ly/3msqueC
HTI	2021-12-21	25945	765	https://bit.ly/3msqueC
MTQ	2021-12-20	47208	764	https://bit.ly/3sAbuz0
MTQ	2021-12-21	47337	769	https://bit.ly/3ehFtDI
USA	2021-12-19	50515274	799986	
USA	2021-12-20	50605870	800148	
USA	2021-12-21	50890849	801550	