

23 April 2020

Global 2,587,754
cases

184,766
deaths

212
countries/territories/areas

HIGHLIGHTS

In the Region of the Americas, an additional **38,110 cases and 3,020 deaths** were reported in the past 24 hours – representing a 4% (cases) and 6% (deaths) relative increase compared to the previous day. Majority of the new cases (29,127) deaths (2,390) continue to be reported from the United States of America, representing 83% of all new cases and 84% of all new deaths in the region.

- **Other countries with a significant increase in the number of cases** compared to the previous day are **Brazil** (2,678 additional cases, 6% increase), **Canada** (1,890 additional cases, 5% increase), **Peru** (1,413 additional cases, 8% increase) and **Mexico** (1,043 additional cases, 11% increase). This is the first instance that Mexico has reported >1,000 COVID-19 cases in a single day.
- While the true mortality of COVID-19 will take some time to fully understand, the data we have so far indicate that **the mean crude case-mortality** (the number of reported deaths divided by the reported cases) **in the region of the Americas as of 23 April is 5.3%** (median country-specific estimate: 4.8%; range: 0.0–20%).
- The highest **crude mortality ratio** among the countries with more than 1,000 cumulative cases reported to date are **Ecuador (14.2%), Mexico (9.2%), and Brazil (6.4%)**. See table 1
- **Two countries/territories in the Caribbean subregion reported that all 21 of total their confirmed COVID-19 cases have recovered.** **Saint Lucia** reported a total of 15 cases to date since 14 March, with no deaths. While some of the 15 cases were high risk for severe disease due to age, chorionic illnesses etc, all have since recovered. The country is still observing partial shut-down and a 10-hour curfew from 7 p.m. to 5 a.m. The French overseas territory of **Saint Barthelemy** which reported their first case on 1 March – one of the earliest confirmed cases in the subregion – also reported that all six (6) of their cases have recovered. There were no deaths reported in Saint Barthelemy due to COVID-19 to date.
- **In the United States of America, New York State** reported an increase in new cases for the first time in a week – a total of 5,526 new cases were reported in the last 24 hours, 32% more than the daily incidence reported yesterday. Similarly, New York City reported 3,107 new cases, a 23% increase over the daily incidence reported the previous day. However, the number of tests performed statewide including New York City were also both greater than the previous day (25,938 tests vs. 20,657).

GLOBAL UPDATE

Globally, daily incidence of cases seems to be decreasing over all in **Spain, Italy, Austria**, and **Germany** compared to March. **In Asia, Bangladesh, India and Pakistan** continue seeing steady increases in cases with 1,716 new cases reported in India overnight. Similarly, **Singapore** continues to report an increasing number of new cases daily, with majority of them still being reported among migrant worker dormitory residents who have been accelerating their outbreak.

PAHO

995,524 (+4%)
Cases*

56,753 (+6%)
deaths*

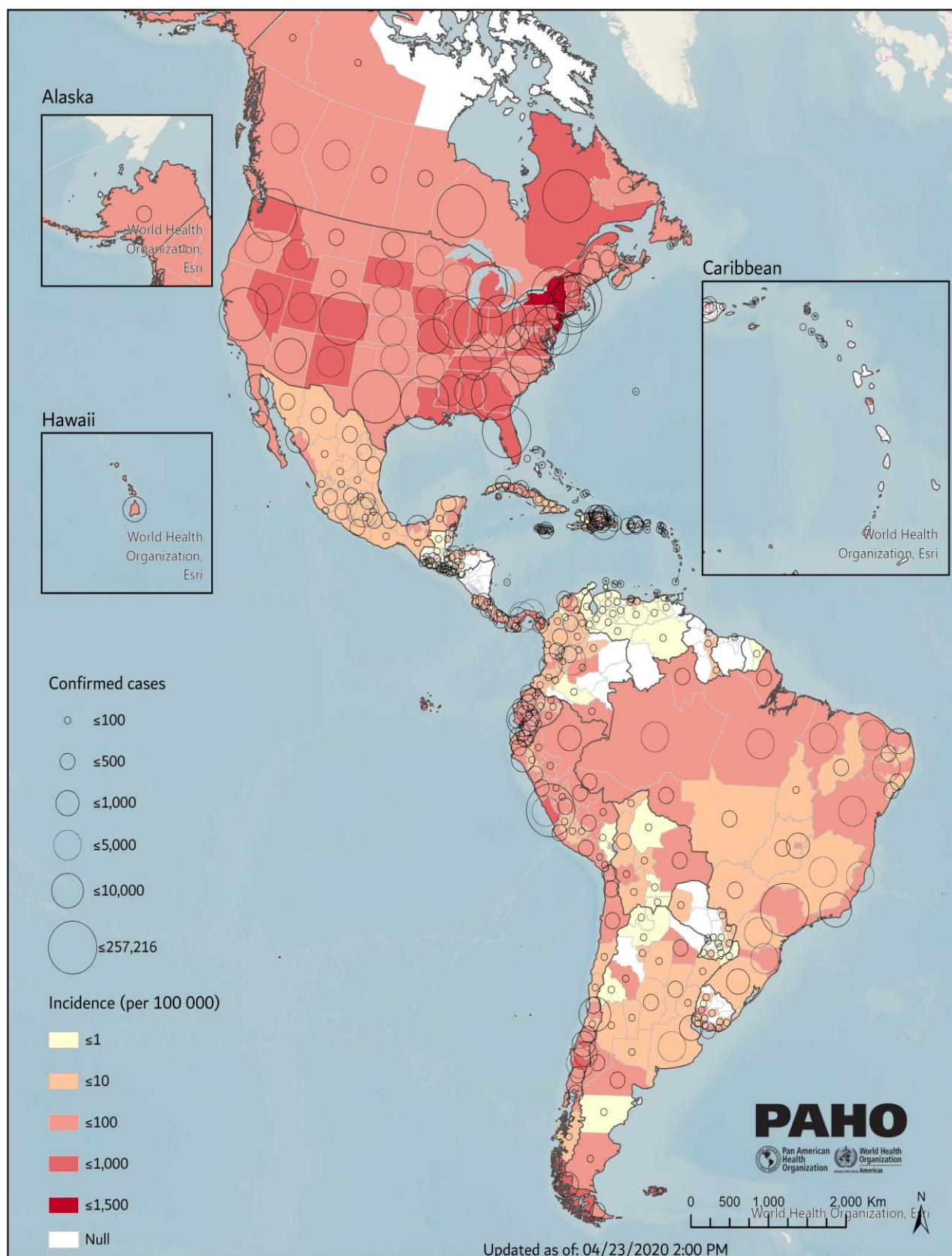
54
Countries/areas/territories

* Total includes both confirmed and probable for Ecuador (deaths), Canada (cases) and the US (probable deaths in NYC)

Table 1: Cumulative cases, deaths & crude mortality ratio (CMR%) among PAHO countries/territories with ≥ 1,000 cumulative cases.

Country/Territory	Cases	Deaths	CMR(%)
USA	830,053	47,432	5.7%
Brazil	45,757	2,906	6.4%
Canada	40,824	2,028	5.0%
Peru	19,250	530	2.8%
Chile	11,812	168	1.4%
Ecuador	11,183	1,588	14.2%
Mexico	10,544	970	9.2%
Dominican Republic	5,543	265	4.8%
Panama	4,992	144	2.9%
Colombia	4,356	206	4.7%
Argentina	3,340	159	4.8%
Puerto Rico	1,416	69	4.9%
Cuba	1,235	43	3.5%

Map 1. Reported number of cumulative COVID-19 cases in the Region of the Americas and corresponding incidence rate (per 100,000 persons) by country/territory. As of 23 April 2020



Data Sources: Member States Ministries of Health
Map Production: Health Emergency Information & Risk Assessment (HIM),
PAHO Health Emergencies Department (PHE)
Digital cartography sources: SALB-PAHO

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Cumulative confirmed and probable COVID-19 cases reported by countries and territories in the Americas, as of 23 April 2020

Updated as of 2 PM

Sub-Region	Country/Territory	Cases		Deaths		Recovered*	% Relative Increase in Confirmed Cases	Transmission Type
		Confirmed	Probable	Confirmed	Probable			
North America	Canada	40,813	11	2,028		13,603	5%	Community transmission
	Mexico	10,544		970		1,040	11%	Community transmission
	United States of America (the)††	830,053		42,311	5,121	61,690	4%	Community transmission
	Subtotal	881,410	11	45,309	5,121	76,333	4%	
Central America	Belize	18		2			0%	Sporadic cases
	Costa Rica	681		6		180	2%	Clusters of cases
	El Salvador	250		8		67	5%	Clusters of cases
	Guatemala	342		10		25	8%	Clusters of cases
	Honduras	519		47		31	2%	Clusters of cases
	Nicaragua	10		2		7	0%	Undetermined
	Panama	4,992		144		255	4%	Community transmission
	Subtotal	6,812	0	219	0	565	4%	
South America	Argentina	3,340		159		919	4%	Community transmission
	Bolivia	672		40		44	10%	Clusters of cases
	Brazil	45,757		2,906		25,318	6%	Community transmission
	Chile	11,812		168		5,804	5%	Community transmission
	Colombia	4,356		206		870	5%	Community transmission
	Ecuador§	11,183		560	1,028	1,328	3%	Community transmission
	Paraguay	213		9		67	0%	Community transmission
	Peru¶	19,250		530		7,027	8%	Community transmission
	Uruguay	549		12		337	1%	Clusters of cases
Venezuela (Bolivarian Republic of)	298		10		122	3%	Clusters of cases	
	Subtotal	97,430	0	4,600	1,028	41,836	6%	
Caribbean and Atlantic Ocean Islands	Anguilla	3				1	0%	Sporadic cases
	Antigua and Barbuda	24		3		10	0%	Clusters of cases
	Aruba	100		2		69	0%	Clusters of cases
	Bahamas (the)	70		9		12	8%	Clusters of cases
	Barbados	76		6		27	1%	Clusters of cases
	Bermuda	99		5		39	1%	Clusters of cases
	Bonaire, Sint Eustatius, and Saba	5					0%	Sporadic cases
	Cayman Islands	66		1		7	0%	Clusters of cases
	Cuba	1,235		43		365	4%	Clusters of cases
	Curacao	14	2	1		11	0%	Sporadic cases
	Dominica	16				9	0%	Clusters of cases
	Dominican Republic (the)	5,543		265		674	5%	Community transmission
	Falkland Islands (the) [Malvinas]	12				11	0%	Clusters of cases
	French Guiana	107		1		84	10%	Clusters of cases
	Grenada	15				6	7%	Clusters of cases
	Guadeloupe	148		12		76	0%	Clusters of cases
	Guyana	67		7		10	0%	Clusters of cases
	Haiti	62		4		2	7%	Clusters of cases
	Jamaica	243		6		27	4%	Clusters of cases
	Martinique	170		14		73	4%	Clusters of cases
	Montserrat	11				2	0%	Sporadic cases
	Puerto Rico	1,416		48	21		9%	Clusters of cases
	Saint Barthélemy	6				6	0%	Sporadic cases
	Saint Kitts and Nevis	15				1	0%	Sporadic cases
	Saint Lucia	15				15	0%	Sporadic cases
	Saint Martin	38		2		20	0%	Sporadic cases
	Saint Pierre and Miquelon	1					0%	Sporadic cases
	Saint Vincent and the Grenadines	13				4	0%	Sporadic cases
	Sint Maarten	73	1	12		22	3%	Clusters of cases
	Suriname	10		1		6	0%	Sporadic cases
Trinidad and Tobago	115		8		41	0%	Sporadic cases	
Turks and Caicos	11		1		4	0%	Sporadic cases	
Virgin Islands (UK)	5		1		2	25%	Sporadic cases	
Virgin Islands (US)	54		3		48	0%	Clusters of cases	
	Subtotal	9,858	3	455	21	1,684	5%	
	Total	995,510	14	50,583	6,170	120,418	4%	

*Recovered counts as indicated by reporting Member States

†Data reported by state/district/territory public health authorities. Confirmed case and death totals may include a small proportion of probable cases and deaths due to differences in reporting. Excludes counts for Guam, Commonwealth of the Northern Marianas, Puerto Rico, and the United States Virgin Islands

‡Probable deaths are those reported and defined by New York City, available at <https://on.nyc.gov/2R1oJdU>

§Probable deaths as defined by the Ecuador Ministry of Public Health, available at: <https://bit.ly/2RZtqjR>

¶Total confirmed cases reported as per Peru Ministry of Health, of which 10,062 cases tested positive by RT-PCR and the remaining 9,188 cases tested positive by rapid diagnostic tests (RDTs); however, to date, these RDTs are not recommended for use by WHO

|| Confirmed case counts for Puerto Rico have been revised to reflect confirmed versus probable deaths. Probable deaths as defined by the Puerto Rico Department of Health, available at: <https://bit.ly/2VvjksQ>

Note: WHO recommends using the following categories to describe **transmission patterns** at national and sub-national levels (wherever possible) to guide decisions for preparedness, readiness and response activities.

Category number	Category name	Definition
1	No cases	Countries/territories/areas with no cases
2	Sporadic cases	Countries/territories/areas with one or more cases, imported or locally detected
3	Clusters of cases	Countries/territories/areas experiencing cases, clustered in time, geographic location and/or by common exposures
4	Community transmission	Countries/area/territories experiencing larger outbreaks of local transmission defined through an assessment of factors including, but not limited to: - Large numbers of cases not linkable to transmission chains - Large numbers of cases from sentinel lab surveillance - Multiple unrelated clusters in several areas of the country/territory/area