

17 April 2020

Global 2,119,283 cases 146,818 deaths 212 countries/territories/areas

HIGHLIGHTS

In the Region of the Americas, the Island of Bonaire which is one of the three (3) islands together known as (BES Islands) – Bonaire, Sint Eustatius and Saba – and part of the Dutch Caribbean – reported their first confirmed COVID-19 case in a local resident. To date, Sint Eustatius and Saba have reported two (2) cases each for a total of five (5) cases of COVID-19 on the BES islands.

- An additional 40,662 cases and 2,612 deaths were reported in the past 24 hours – representing an 5% (cases) and 7% (deaths) relative increase compared to the previous day. Majority of the new cases (32,549 cases, 85%) and deaths (2,163 deaths, 85%) continue to be reported from the United States of America.
- In the United States, while the deaths in New York State are declining slightly (630 new deaths), neighboring New Jersey reported a doubling of deaths in one week – from 1,933 total deaths last week to 3,840 this week.
- The U.S. CDC published a [Morbidity and Mortality Weekly Report \(MMWR\)](#) which reported that 19% of the 315,531 COVID-19 cases reported in the country between 12 February – 9 April were among Health Care Personnel (HCP). Among those with data available, the median age was 42 years ([IQR] = 32–54 years), 6,603 (73%) were female, and 1,779 (38%) reported at least one underlying health condition.
- Other countries in the region with significant increase in cases compared to the previous day are Brazil (2,105 additional cases, 7% increase), Canada (1,775 additional cases, 7% increase) and Peru (2,014 additional cases, 18 % increase).
- While the true mortality of COVID-19 will take some time to fully understand, the data we have so far indicate that the crude mortality ratio (the number of reported deaths divided by the reported cases) for the region is approximately 5%, mostly driven by cases and deaths from the US. The crude mortality ratio among the countries/territories with more than 1,000 cumulative cases reported to date are Mexico (7.7%), Ecuador (13%), Brazil (6.3%) and the Dominican Republic (4.8%). See table 1. Of note is Ecuador rate which has steadily increased from 8.1% last week to 13% this week.

China: The death toll in Wuhan city was revised in the past 24 hours adding 1,290 deaths and raising Wuhan’s total from 2,579 to 3,869, a 50% increase and China's national total from 3,342 deaths to 4,632, a 38.6% increase. China also reported an additional 325 cases in Wuhan. The underreporting was attributed to the large surge of cases early in the outbreak hindering data collection efforts, testing hurdles, deaths outside hospitals and healthcare facilities not being able to utilize the central reporting system.

26 new cases were reported in China of which 15 are imported and 11 are local cases (5 cases in Guangdong, 3 cases in Heilongjiang, 2 cases in Shandong, 1 case in Liaoning); no new deaths

Today, WHO issued a warning against using serological tests to determine whether a person has immunity or is no longer at risk of becoming re-infected. Currently, it is still unknown if a person with antibodies is fully protected against the disease or being re-infected – and if so, for how long that protection lasts. This is important because many countries are considering using the levels of antibody as thresholds/passports for relaxing the current social distancing rules in place.

PAHO

784,285 (+5%)
Cases*

40,331 (+7%)
deaths *

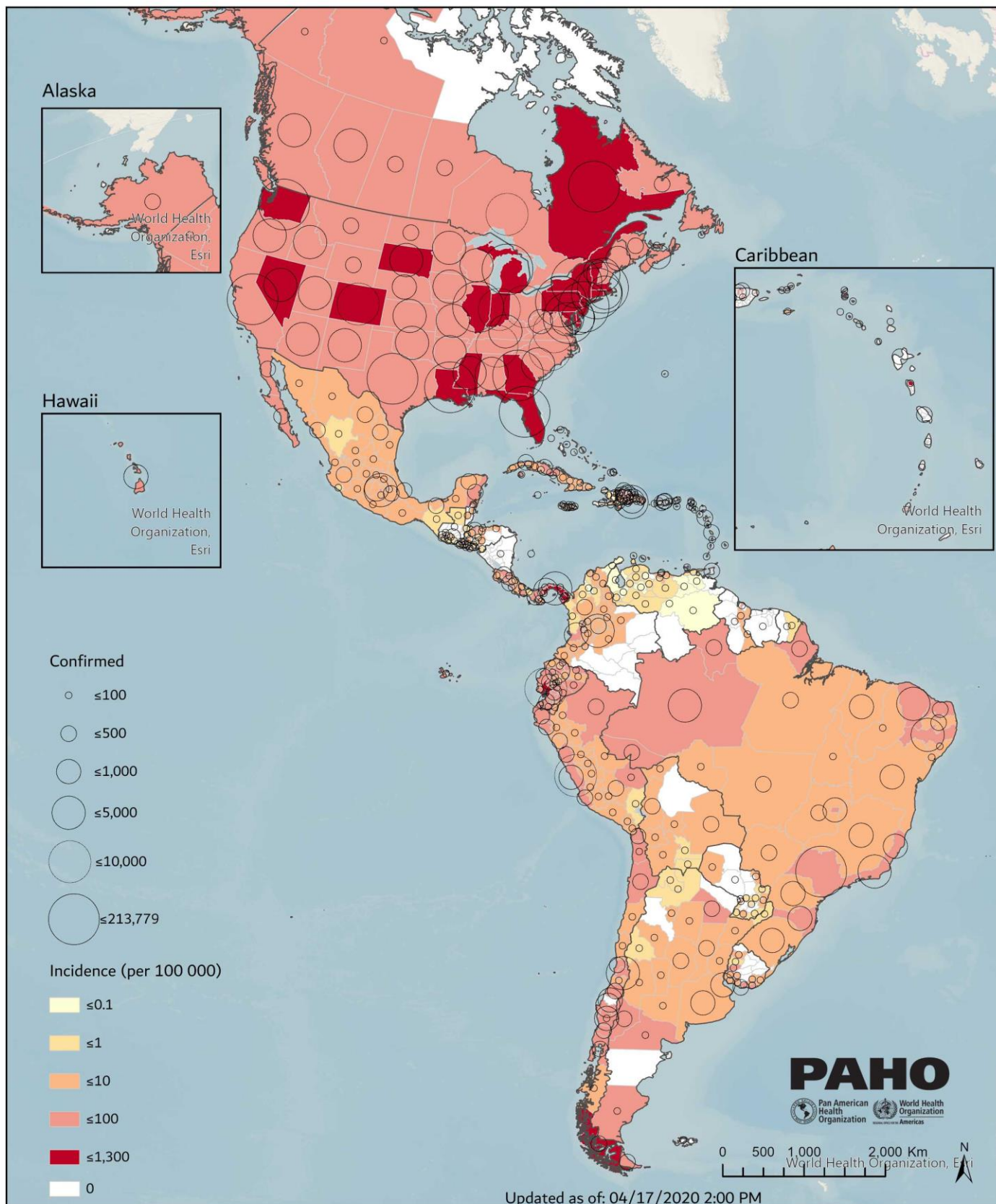
54
Countries/areas/territories

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

Table 1: Cumulative cases and deaths among PAHO countries with ≥ 1,000 cumulative confirmed cases

Country/territory	Cases	Deaths
USA	665,330	34,298
Canada	30,670	1,250
Brazil	30,425	1,924
Peru	13,489	300
Chile	9,252	116
Ecuador	8,450	1,096
Mexico	6,297	486
Dominican Republic	4,126	200
Panama	4,016	109
Colombia	3,233	144
Argentina	2,694	122
Puerto Rico	1,068	58

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 17 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 17 April 2020

Updated as of 2 PM

Sub-Region	Country/Territory	Cases		Deaths		Recovered ^d	% Relative Increase in Confirmed Cases	Transmission Type
		Confirmed	Probable	Confirmed	Probable			
North America	Canada	30,659	11	1,250		9,271	6%	Community transmission
	Mexico	6,297		486			8%	Community transmission
	United States of America (the) ^{†‡}	665,330		30,384	3,914	42,739	5%	Community transmission
	Subtotal	702,286	11	32,120	3,914	52,010	5%	
Central America	Belize	18		2			0%	Sporadic cases
	Costa Rica	642		4		74	3%	Clusters of cases
	El Salvador	177		7		38	8%	Clusters of cases
	Guatemala	214		7		21	9%	Clusters of cases
	Honduras	442		41		7	4%	Clusters of cases
	Nicaragua	9		1		6	0%	Undetermined
	Panama	4,016		109		98	7%	Community transmission
Subtotal	5,518	0	171	0	244	6%		
South America	Argentina	2,694		122		666	4%	Community transmission
	Bolivia	465		31		26	5%	Clusters of cases
	Brazil	30,425		1,924		14,026	7%	Community transmission
	Chile	9,252		116		3,621	5%	Community transmission
	Colombia	3,233		144		550	4%	Community transmission
	Ecuador [§]	8,450		421	675	922	3%	Community transmission
	Paraguay	199		8		30	14%	Community transmission
	Peru [¶]	13,489		300			18%	Community transmission
	Uruguay	502		9		286	2%	Clusters of cases
	Venezuela (Bolivarian Republic of)	204		9		111	4%	Clusters of cases
Subtotal	68,913	0	3,084	675	20,238	8%		
Caribbean and Atlantic Ocean Islands	Anguilla	3				1	0%	Sporadic cases
	Antigua and Barbuda	23		2		3	0%	Clusters of cases
	Aruba	96		2		43	1%	Clusters of cases
	Bahamas (the)	54		9		9	2%	Clusters of cases
	Barbados	75		5		15	0%	Clusters of cases
	Bermuda	83		5		35	2%	Clusters of cases
	Bonaire, Sint Eustatius, and Sab	5					25%	Sporadic cases
	Cayman Islands	61		1		7	2%	Clusters of cases
	Cuba	923		31		192	7%	Clusters of cases
	Curacao	14	1	1		10	0%	Sporadic cases
	Dominica	16				8	0%	Clusters of cases
	Dominican Republic (the)	4,126		200		268	10%	Community transmission
	Falkland Islands (the) [Malvinas]	11				1	0%	Clusters of cases
	French Guiana	96				61	0%	Clusters of cases
	Grenada	14					0%	Clusters of cases
	Guadeloupe	145		8		70	0%	Clusters of cases
	Guyana	57		6		9	4%	Clusters of cases
	Haiti	43		3			5%	Clusters of cases
	Jamaica	143		5		25	14%	Clusters of cases
	Martinique	159		8		73	0%	Clusters of cases
	Montserrat	11				1	0%	Sporadic cases
	Puerto Rico	1,068		58			2%	Clusters of cases
	Saint Barthelemy	6				4	0%	Sporadic cases
	Saint Kitts and Nevis	14					0%	Sporadic cases
	Saint Lucia	15				11	0%	Sporadic cases
	Saint Martin	35		2		17	0%	Sporadic cases
	Saint Pierre and Miquelon	1					0%	Sporadic cases
	Saint Vincent and the Grenadines	12				1	0%	Sporadic cases
	Sint Maarten	57	1	9		12	0%	Clusters of cases
	Suriname	10		1		4	0%	Sporadic cases
	Trinidad and Tobago	114		8		20	0%	Sporadic cases
	Turks and Caicos	11		1			0%	Sporadic cases
Virgin Islands (UK)	3				2	0%	Sporadic cases	
Virgin Islands (US)	51		2		46	0%	Clusters of cases	
Subtotal	7,555	2	367	0	948	7%		
Total	784,272	13	35,742	4,589	73,440	5%		

^dRecovered 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

[‡]To date, the probable deaths are those reported and defined by New York City, available at <https://on.nyc.gov/2RloJdU>

[§]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 7,703 cases tested positive by RT-PCR and the remaining 5,786 cases tested positive by rapid diagnostic tests (RDTs); however, to date, these RDTs are not recommended for use by WHO

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: <ul style="list-style-type: none"> - 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