

21 April 2020

Global 2,434,433
cases

170,953
deaths

212
countries/territories/areas

HIGHLIGHTS

In the Region of the Americas, an additional 31,345 cases and 2,601 deaths were reported in the past 24 hours – representing a 4% (cases) and 5% (deaths) relative increase compared to the previous day. Majority of the new cases (25,634 cases, 82%) and deaths (2,154 deaths, 83%) continue to be reported from the United States of America.

- **Other countries with a significant increase in the number of cases** compared to the previous day are Brazil (1,927 additional cases, 5% increase), Canada (1,991 additional cases, 6% increase), Peru (697 additional cases, 4% increase) and Mexico (511 additional cases, 6% increase).
- While the true mortality of COVID-19 will take some time to fully understand, the data we have so far indicate that the highest **crude mortality ratio** (the number of reported deaths divided by the reported cases) among the countries with more than 1,000 cumulative cases reported to date are **Mexico (8.1%), Ecuador (13.7%), and Brazil (6.3%)**. See table 1. The ratio for all three (3) countries have increased since last week (14 April) when the CMR (%) for each country were as follows: Mexico (6.6%), Ecuador (11%) and Brazil (5.6%)
- **In the United States of America, New York State** reported a fifth consecutive day of declining case counts with 4,726 new cases reported in the past 24 hours – the lowest daily incidence since 20 March. New York City represents more than half of the new cases reported statewide (2,370 new cases), but the city has also reported 5 consecutive days of declining incidence. The declining trend was also observed in the daily death toll with 481 new deaths reported in the past 24 hours – a number significantly lower than all of last week.
- **The US Food and Drug Administration (FDA)** has approved the country's first at-home coronavirus test kit. LabCorp is the company that produced the test kits and the kit, currently called Pixel, costs 119\$.

Global Update

India and Pakistan continue to report increasing rates of COVID-19 cases with 1,329 new cases reported in India, and 796 new cases reported in Pakistan – the latter is most likely a result of increased testing in the last two days in Pakistan. Despite a nationwide lock down in India, an increasing trend over all is observed in the two south-east Asian countries.

Hong Kong reported no local cases of COVID-19 for the first time since March. The city has which has been battling a second wave of infections fueled in large part by residents who were returning from Europe and the United States, extended their social distancing measures to May 7.

In Singapore, the Prime Minister extended their lockdown until June 1 in response to a rapid increase in new cases the last few weeks - "vast majority" of which are among residents of migrant worker dormitories

In Europe, Italy is the latest country to announce relaxation of their social distancing measures to slowly open their country, joining Germany, Spain and Denmark. The country had issued stringent restrictions on the movement of people across the country six weeks ago.

PAHO

925,302 (+4%)
Cases*

50,542 (+5%)
deaths*

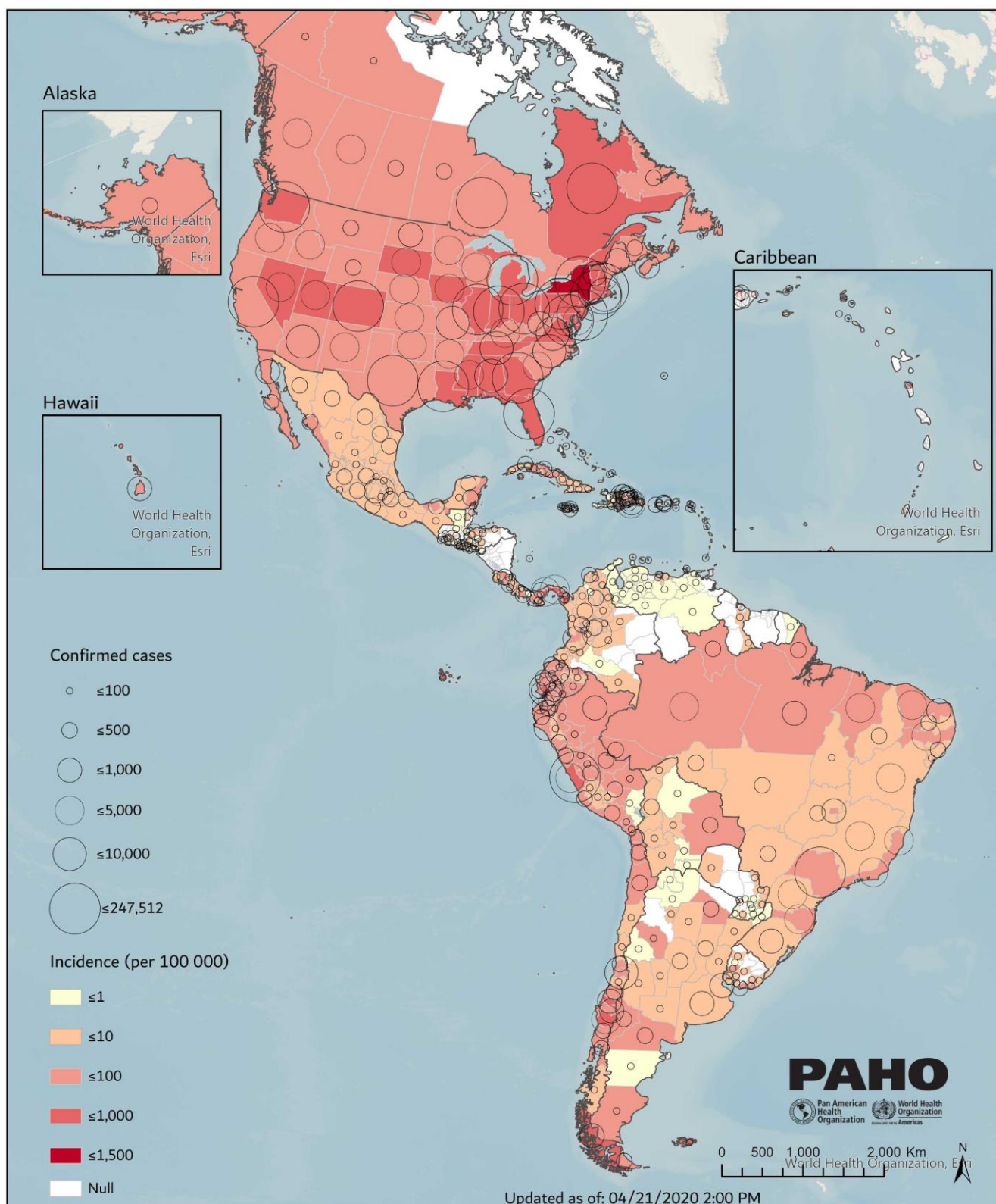
54
Countries/areas/territories

* 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	776,907	42,467	5.5%
Brazil	40,581	2,575	6.3%
Canada	37,382	1,728	4.6%
Peru	16,325	445	2.7%
Chile	10,832	147	1.4%
Ecuador	10,398	1,422	13.7%
Mexico	8,772	712	8.1%
Dominican Republic	5,044	245	4.9%
Panama	4,658	136	2.9%
Colombia	3,977	189	4.8%
Argentina	3,073	145	4.7%
Puerto Rico	1,298	64	4.9%
Cuba	1,137	38	3.3%

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 21 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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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	37,374	8	1,728		12,092	6%	Community transmission
	Mexico	8,772		712		819	6%	Community transmission
	United States of America (the)†‡	776,907		37,602	4,865	54,530	3%	Community transmission
	Subtotal	823,053	8	40,042	4,865	67,441	4%	
Central America	Belize	18		2			0%	Sporadic cases
	Costa Rica	662		6		124	0%	Clusters of cases
	El Salvador	225		7		48	3%	Clusters of cases
	Guatemala	294		9		24	2%	Clusters of cases
	Honduras	494		46		29	4%	Clusters of cases
	Nicaragua	10		2		7	11%	Undetermined
	Panama	4,658		136		204	4%	Community transmission
Subtotal	6,361	0	208	0	436	4%		
South America	Argentina	3,073		145		840	4%	Community transmission
	Bolivia	598		34		37	6%	Clusters of cases
	Brazil	40,581		2,575		22,991	5%	Community transmission
	Chile	10,832		147		4,969	3%	Community transmission
	Colombia	3,977		189		804	5%	Community transmission
	Ecuador§	10,398		520	902	1,207	3%	Community transmission
	Paraguay	208		8		53	0%	Community transmission
	Peru¶	16,325		445		6,968	4%	Community transmission
	Uruguay	535		10		313	1%	Clusters of cases
	Venezuela (Bolivarian Republic of)	285		10		117	11%	Clusters of cases
Subtotal	86,812	0	4,083	902	38,299	4%		
Caribbean and Atlantic Ocean Islands	Anguilla	3				1	0%	Sporadic cases
	Antigua and Barbuda	23		3		7	0%	Clusters of cases
	Aruba	97		2		51	0%	Clusters of cases
	Bahamas (the)	64		9		11	7%	Clusters of cases
	Barbados	75		5		23	0%	Clusters of cases
	Bermuda	86		5		37	0%	Clusters of cases
	Bonaire, Sint Eustatius, and Saba	5					0%	Sporadic cases
	Cayman Islands	66		1		7	8%	Clusters of cases
	Cuba	1,137		38		309	5%	Clusters of cases
	Curacao	14	2	1		11	0%	Sporadic cases
	Dominica	16				8	0%	Clusters of cases
	Dominican Republic (the)	5,044		245		463	2%	Community transmission
	Falkland Islands (the) [Malvinas]	11				1	0%	Clusters of cases
	French Guiana	97		1		76	0%	Clusters of cases
	Grenada	14				7	8%	Clusters of cases
	Guadeloupe	148		12		73	0%	Clusters of cases
	Guyana	66		7		9	2%	Clusters of cases
	Haiti	57		3			21%	Clusters of cases
	Jamaica	223		6		27	14%	Clusters of cases
	Martinique	163		14		73	0%	Clusters of cases
	Montserrat	11				2	0%	Sporadic cases
	Puerto Rico	1,298		64			4%	Clusters of cases
	Saint Barthelemy	6				5	0%	Sporadic cases
	Saint Kitts and Nevis	15					0%	Sporadic cases
	Saint Lucia	15				13	0%	Sporadic cases
	Saint Martin	37		2		19	0%	Sporadic cases
	Saint Pierre and Miquelon	1					0%	Sporadic cases
	Saint Vincent and the Grenadines	12				2	0%	Sporadic cases
	Sint Maarten	68	1	10		12	1%	Clusters of cases
	Suriname	10		1		6	0%	Sporadic cases
	Trinidad and Tobago	114		8		26	0%	Sporadic cases
Turks and Caicos	11		1		0	0%	Sporadic cases	
Virgin Islands (UK)	4		1		2	0%	Sporadic cases	
Virgin Islands (US)	54		3		48	2%	Clusters of cases	
Subtotal	9,065	3	442	0	1,329	3%		
Total	925,291	11	44,775	5,767	107,505	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

‡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 8,964 cases tested positive by RT-PCR and the remaining 7,361 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 exp
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