

Global & Regional Update. 3 PM WDC.

22 May 2020

Global 5,053,786
cases

331,303
deaths

215
countries/territories/areas

PAHO HIGHLIGHTS

In the Region of the Americas, an additional 57,790 cases and 3,482 deaths were reported in the past 24 hours, representing a 3% relative increase for cases and deaths respectively, compared to the previous day.

- Countries reporting the highest numbers of new cases ($\geq 1,000$) compared with the previous day are: the **United States of America** (22,787 additional cases, 2% increase), **Brazil** (18,508 additional cases, 6% increase), **Peru** (4,749 additional cases, 4% increase), **Mexico** (2,973 additional cases, 5% increase), and **Canada** (1,210 additional cases, 2% increase).
- 81% of all cases and 84% of all deaths currently reported are from the **United States of America and Brazil**. The United States of America accounts for 68% of all cases and 69% of all deaths for the Region of the Americas. Brazil accounts for 14% and 15% of all cases and deaths respectively.
- Countries reporting the highest numbers of new deaths are the **United States of America** (1,396 additional deaths, 2% increase), **Brazil** (1,188 additional deaths, 6% increase), **Mexico** (420 additional deaths, 7% increase), **Peru** (124 additional deaths, 4% increase), **Canada** (118 additional deaths, 2% increase), and **Ecuador** (117 additional deaths, 4% increase).
- Two countries/territories reported a $\geq 10\%$ relative increase in cases:** Haiti (11%), and Guatemala (11%).
- The pooled crude case-fatality estimate** (the number of reported deaths divided by the reported cases) **in the region of the Americas is 6%** (median country-specific estimate: 4.2%; IQR: 1.1% - 7.8%).

Global Updates from last 24 hours

- 103,736 new confirmed cases from 144 countries/territories/areas
- 4,477 new deaths from 86 countries/territories/areas

WHO has launched a new search feature for questions on COVID-19. WHO's COVID-19 webpage now features an enhanced natural language processing search bar, which understands questions posed in everyday language and more accurately delivers answers to those queries.

WHO Collaborating Centre for Infectious Disease Modelling—MRC Centre for Global Infectious Disease Analytics including researchers from Imperial College, and the University of Oxford published a report on the effects of statewide social distancing measures on population mobility and the time-varying reproductive number (R_t) in the United States of America. High population density and earlier community transmission were associated with higher R_t values early in the epidemic.

Hydroxychloroquine—According to a recent publication in [the Lancet](#), a multinational registry analysis of the use of hydroxychloroquine or chloroquine with or without a macrolide for treatment of COVID-19 was unable to confirm a benefit on in-hospital outcomes for COVID-19. Each of these drug regimens was associated with decreased in-hospital survival and an increased frequency of ventricular arrhythmias when used for treatment of COVID-19.

PAHO

2,282,488
cases

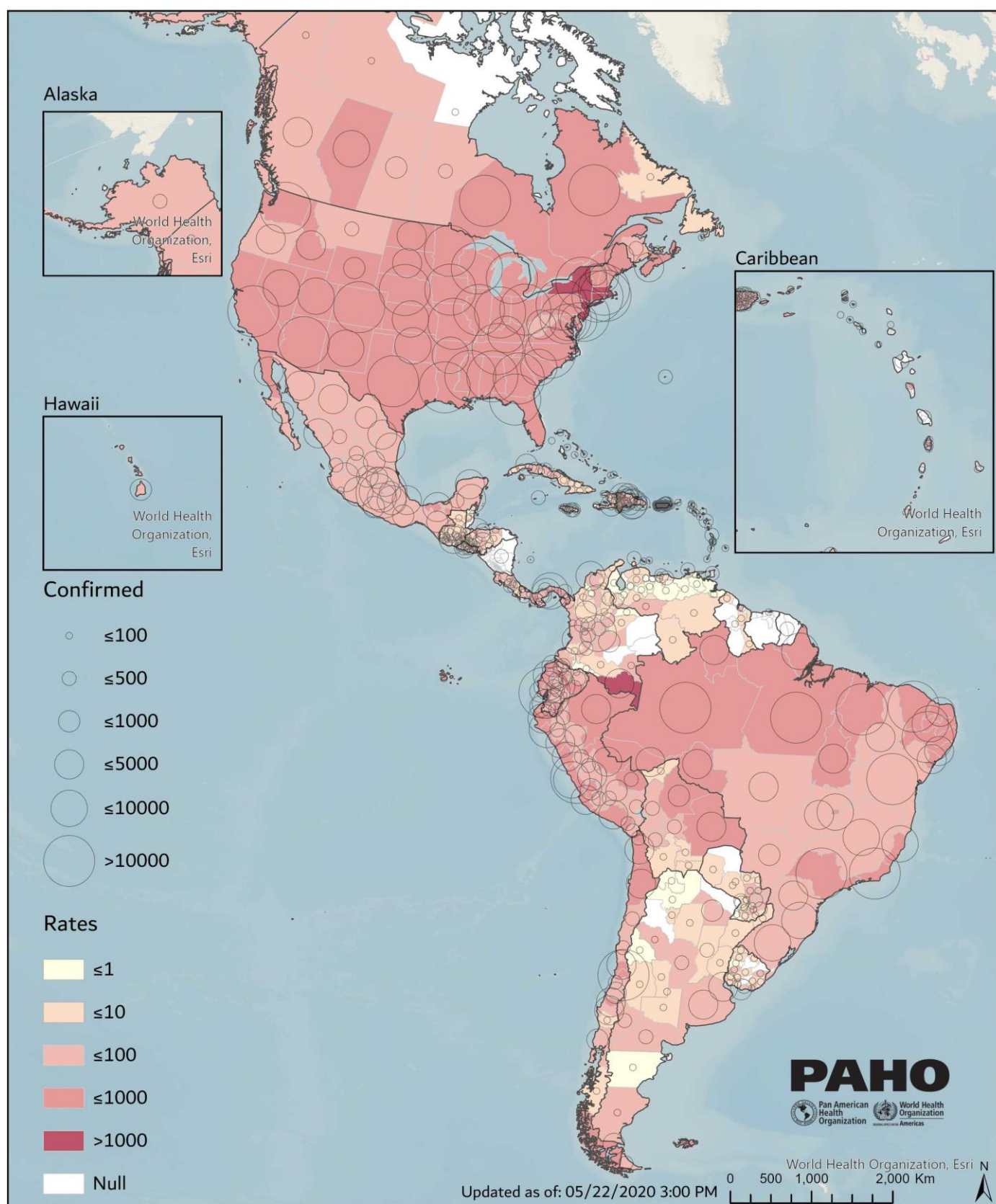
135,184
deaths

54
Countries/areas/territories

Table 1: Cumulative cases, deaths & crude case fatality rate (CFR%) among PAHO countries/territories with $\geq 10,000$ cumulative cases.

Country/Territory	Cases	Deaths	CFR(%)
United States	1,547,973	92,923	6.0%
Brazil	310,087	20,047	6.5%
Peru	108,769	3,148	2.9%
Canada	81,765	6,180	7.6%
Chile	61,857	630	1.0%
Mexico	59,567	6,510	10.9%
Ecuador	35,828	3,056	8.5%
Colombia	18,330	652	3.6%
Dominican Republic	13,989	456	3.3%
Panama	10,116	291	2.9%

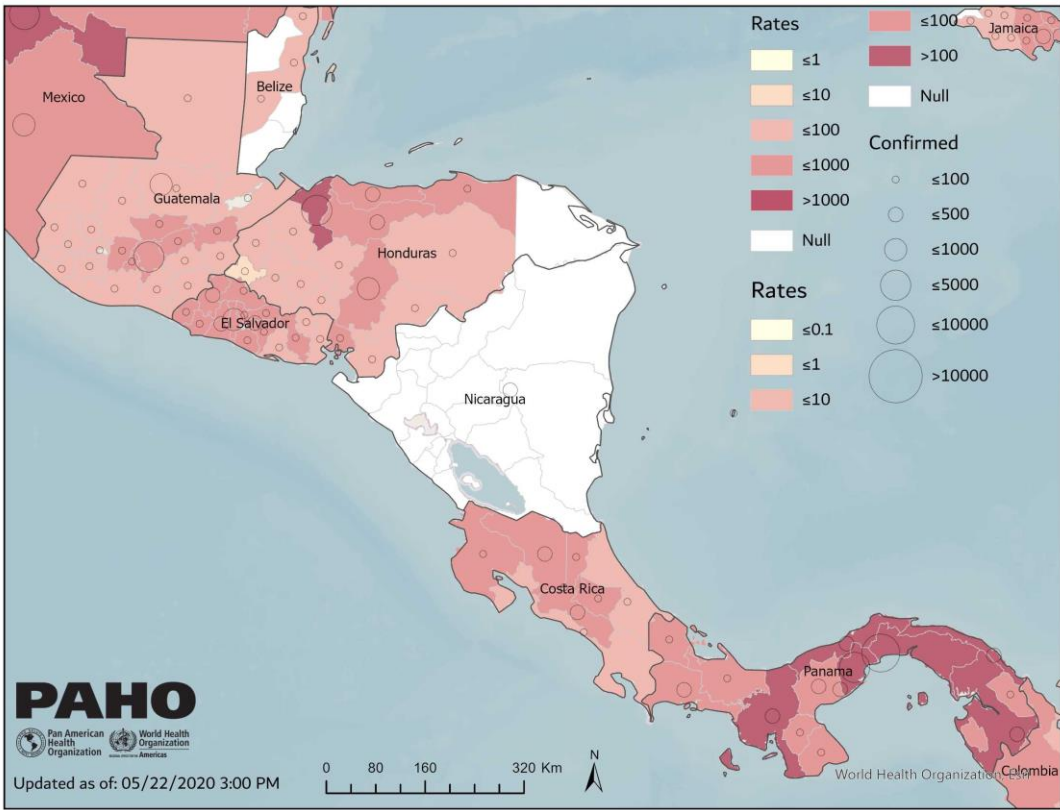
Map 1. Reported number of cumulative COVID-19 cases in the Region of the Americas and corresponding incidence rate (per 100,000 persons) by country/territory. As of 22 May 2020



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

© PAHO-WHO, 2020. All rights reserved
The designations employed and the presentation of the material in these maps do not imply the expression of any opinion whatsoever on the part of the Secretariat of the Pan American Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

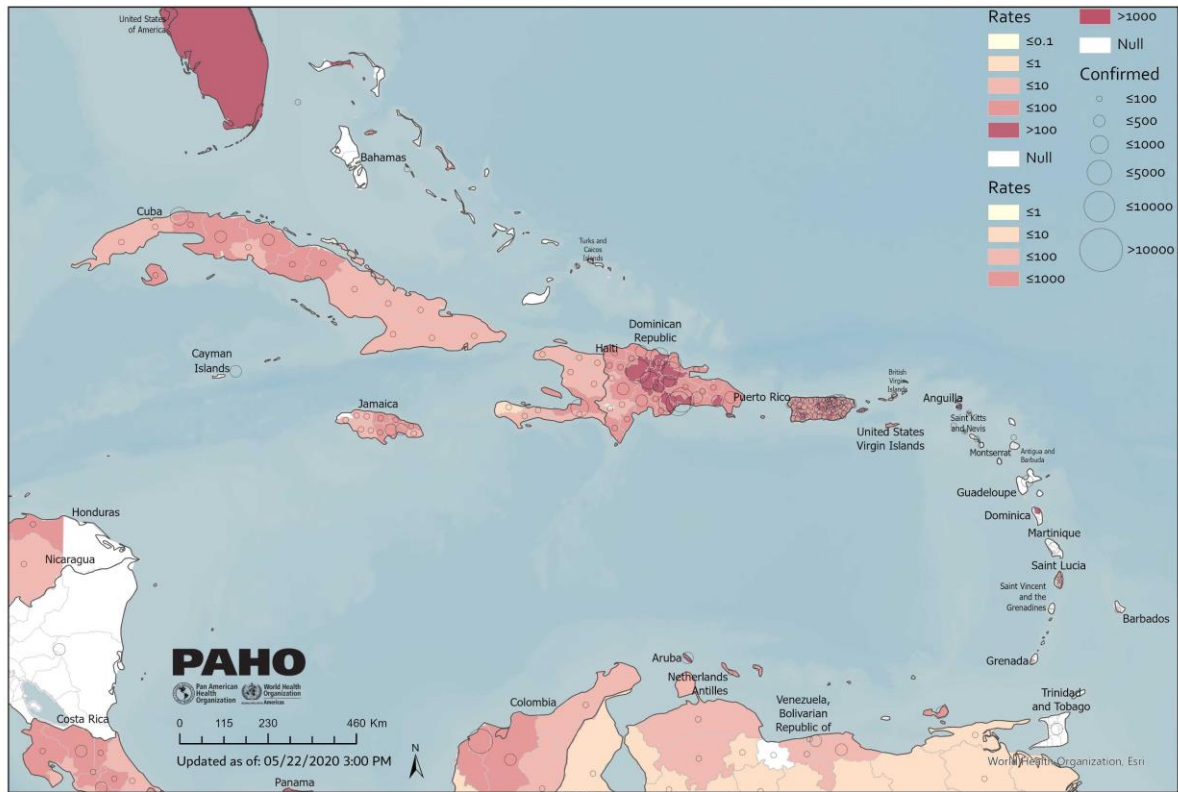
Map 2. Reported number of cumulative COVID-19 cases in the Central American sub-region and corresponding incidence rate (per 100,000 persons) by country/territory (sub-national level). As of 22 May 2020.



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

© PAHO-WHO, 2020. All rights reserved
The designations employed and the presentation of the material in these maps do not imply the expression of any opinion whatsoever on the part of the Secretariat of the Pan American Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Map 3. Reported number of cumulative COVID-19 cases in the Caribbean sub-region and corresponding incidence rate (per 100,000 persons) by country/territory (sub-national level). As of 22 May 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

© PAHO-WHO, 2020. All rights reserved
The designations employed and the presentation of the material in these maps do not imply the expression of any opinion whatsoever on the part of the Secretariat of the Pan American Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its

Cumulative COVID-19 cases and deaths reported by countries and territories in the Americas, as of 22 May 2020

Updated as of 3 PM

Sub-Region	Country/Territory	Cases	Deaths	Recovered	% Relative Increase in Cases	Transmission Type
North America	Canada	81,765	6,180	41,108	2%	Community transmission
	Mexico	59,567	6,510	40,657	5%	Community transmission
	United States of America (the)	1,547,973	92,923	298,219	1%	Community transmission
	Subtotal	1,689,305	105,613	379,984	2%	
Central America	Belize	18	2	16	0%	Sporadic cases
	Costa Rica	903	10	592	1%	Clusters of cases
	El Salvador	1725	33	562	5%	Community transmission
	Guatemala	2512	48	222	11%	Community transmission
	Honduras	3204	156	397	3%	Community transmission
	Nicaragua	279	17	199	0%	Clusters of cases
	Panama	10,116	291	6245	1%	Community transmission
	Subtotal	18,757	557	8,233	3%	
South America	Argentina	9,931	419	3,062	7%	Community transmission
	Bolivia (the Plurinational State of)	5,187	215	561	5%	Community transmission
	Brazil	310,087	20,047	125,960	6%	Community transmission
	Chile	61,857	630	25,342	7%	Community transmission
	Colombia	18,330	652	4,431	4%	Community transmission
	Ecuador	35,828	3,056	17,455	1%	Community transmission
	Paraguay	838	11	264	0%	Community transmission
	Peru	108,769	3,148	43,587	5%	Community transmission
	Uruguay	749	20	594	0%	Clusters of cases
	Venezuela (Bolivarian Republic of)	882	10	262	7%	Community transmission
	Subtotal	552,458	28,208	221,518	6%	
Caribbean and Atlantic Ocean Islands	Anguilla	3		3	0%	Sporadic cases
	Antigua and Barbuda	25	3	14	0%	Clusters of cases
	Aruba	101	3	95	0%	Sporadic cases
	Bahamas (the)	97	11	44	0%	Clusters of cases
	Barbados	90	7	70	0%	Clusters of cases
	Bermuda	125	9	80	0%	Clusters of cases
	Bonaire, Sint Eustatius, and Saba	6		6	0%	No cases
	Cayman Islands	121	1	55	9%	Clusters of cases
	Cuba	1,916	81	1631	0%	Clusters of cases
	Curacao	16	1	14	0%	Sporadic cases
	Dominica	16		16	0%	Clusters of cases
	Dominican Republic (the)	13,989	456	7,572	2%	Community transmission
	Falkland Islands (the) [Malvinas]	13		13	0%	Clusters of cases
	French Guiana	249	1	137	5%	Clusters of cases
	Grenada	22		17	0%	Clusters of cases
	Guadeloupe	155	13	113	0%	Clusters of cases
	Guyana	127	10	57	2%	Clusters of cases
	Haiti	734	25	21	11%	Clusters of cases
	Jamaica	534	9	181	1%	Clusters of cases
	Martinique	197	14	91	3%	Clusters of cases
	Montserrat	11	1	8	0%	Sporadic cases
	Puerto Rico	3,030	126		4%	Community transmission
	Saint Barthelemy	6		6	0%	Sporadic cases
	Saint Kitts and Nevis	15		15	0%	Sporadic cases
	Saint Lucia	18		18	0%	Sporadic cases
	Saint Martin	39	3	30	0%	Sporadic cases
	Saint Pierre and Miquelon	1		1	0%	Sporadic cases
	Saint Vincent and the Grenadines	18		14	0%	Sporadic cases
	Sint Maarten	78	15	59	0%	Sporadic cases
	Suriname	11	1	9	0%	Sporadic cases
	Trinidad and Tobago	116	8	108	0%	Sporadic cases
	Turks and Caicos	12	1	10	0%	Sporadic cases
	Virgin Islands (UK)	8	1	6	0%	Sporadic cases
	Virgin Islands (US)	69	6	61	0%	Clusters of cases
	Subtotal	21,968	806	10,575	3%	
	Total	2,282,488	135,184	620,310	3%	

Table notes on the next page

Table Notes

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

Recovered counts as indicated and defined by reporting Member States.

To date, rapid diagnostic tests (RDTs) are not recommended for use by WHO.

United States of America: Case and death counts includes both confirmed and probable classifications, as published on the U.S. Centers for Disease Control and Prevention (US CDC) website on 21 May (for data confirmed at 16:00 EST the previous day).

Excludes counts for Guam, Commonwealth of the Northern Marianas, Puerto Rico, and the United States Virgin Islands. Source: <https://bit.ly/2WJN2dd>. Recovered counts as reported by state and territorial health authorities, available at the COVID Tracking Project <https://bit.ly/2ztbRC6>

Chile: Confirmed cases include both symptomatic and asymptomatic PCR-positive cases, as defined by Chile MoH, available at: <https://bit.ly/2KQ99Jw>

Ecuador: Aggregated case total as reported by the Ecuador Ministry of Public Health (25,898 positives by RT-PCR + 8,956 by RDTs). To date, these RDTs are not recommended for use by WHO. The Ecuador Ministry of Public Health reports an additional 1,892 'probable deaths' under investigation that are not included in this table. Recovered counts are the sum of the recovered patients, hospital discharges, and epidemiological discharges as per the Ecuador Ministry of Public Health. Available at: <https://bit.ly/2RZtqjR>

Mexico: Recovered counts as reported by the Mexico MoH, as defined as all those positive for SARS-CoV-2 with a symptom onset date of more than 14 days, with no date of death, available at: <https://bit.ly/3bIOdz0>

Peru: Aggregated case total as reported by the Peru MoH (30,351 by RT-PCR + 78,418 by RDTs). To date, these RDTs are not recommended for use by WHO.

Puerto Rico: Aggregated case total as reported by the Puerto Rico Department of Health (DoH); 1,221 were positive by RT-PCR and 1,809 were positive by serological tests. Total deaths include probable deaths. Available at: <https://bit.ly/2VvjksQ>

DATA ADJUSTMENTS: Differences in the total number of cases, deaths, and/or recovered cases and respective % increases reflect the following adjustments:

Chile: Data for 21 May were retrospectively adjusted to align with the Chile MoH, reporting 57,581 cases, 589 deaths, and 23,992 recovered.

Ecuador: Data for 20-21 May were retrospectively adjusted to align with the Ecuador Ministry of Public Health, reporting 35,306 cases, 2,939 deaths, and 17,261 recovered for 21 May, and 34,854 cases, 2,888 deaths, and 17,054 recovered for 20 May.