MEDICAL UPDATE – CORONAVIRUS (COVID-19)
Situation Report #100
August 2, 2020

earlyAlert
real-time emergency management

This report has been adjusted based on current information provided by state officials. Other related data can be found on our Early Alert COVID 19 Dashboard and/or Resource Center.

CURRENT STATISTICS AND MEDICAL UPDATES:

- There are now 18,019,400+ cases of COVID-19 worldwide, with over 688,300+ confirmed deaths, which is a case fatality rate of 3.8%.
- The United States is now reporting 4,644,509+ cases of COVID-19 with 147,132+ confirmed deaths which is a case fatality rate of 3.2%. This is an increase of 179,358+ cases and 2,991+ deaths in the past 72 hours.
- The Case Fatality Rate (CFR) is the ratio between confirmed deaths and confirmed cases to measure the severity of a disease and is not an accurate representation of an individual's mortality risk.
- Nationally, levels of influenza-like illness (ILI) are below baseline but higher than typically seen at this time of year. Indicators that track ILI and COVID-19-like illness (CLI) showed decreases nationally from week 29 to week 30, with decreasing or stable levels in nearly all regions of the country.
- The percentage of specimens testing positive for SARS-CoV-2 increased in six of ten HHS regions, but the percentages of visits for ILI and CLI decreased or remained stable in nine of ten regions. The percentage of visits for ILI increased in Region 2 (NY/NJ/Puerto Rico) compared to last week.
- Using combined data from the three laboratory types, the national percentage of respiratory specimens testing positive for SARS-CoV-2 with a molecular assay remained stable from week 29 to week 30 at 8.7%.
    - The highest percentages of specimens testing positive for SARS-CoV-2 were seen in Regions 4 (South East, 13.6%), 6 (South Central, 16.5%) and 9 (South West/Coast, 8.9%); however, the percentages are decreasing in Regions 4 (South East) and 9 (South West/Coast) following peaks seen in weeks 28 and 27, respectively.
    - Increases in the percentage of specimens testing positive for SARS-CoV-2 were reported in six of ten HHS surveillance regions: Regions 2 (NY/NJ/Puerto Rico), 5 (Midwest), 6 (South Central), 7 (Central), 8 (Mountain) and 10 (Pacific Northwest).
- The percentage of visits to EDs for CLI decreased nationally for the second consecutive week, and compared to the previous week, decreased or remained stable in all ten HHS regions.
- The overall cumulative COVID-19-associated hospitalization rate was 130.1 per 100,000; rates were highest in people 65 years of age and older (360.2 per 100,000) followed by people 50-64 years (196.3 per 100,000). Cumulative hospitalization rates will increase as the pandemic continues.
- Based on death certificate data, the percentage of deaths attributed to pneumonia, influenza or COVID-19 (PIC) increased from week 26 – week 28 (weeks ending June 27 – July 11) after declining for 11 weeks since mid-April. The percentage of deaths due to PIC for week 30 is 8.6%, lower than the percentage during week 29 (12.0%), but above the epidemic threshold. These percentages will likely increase as more death certificates are processed.
- The CDC publish guidance intended to aid school administrators as they consider how to protect the health, safety, and wellbeing of students, teachers, other school staff, their families, and communities and prepare for educating students this fall. It outlines strategies to implement multiple SARS-CoV-2 mitigation strategies (e.g., social distancing, cloth face coverings, hand hygiene and use of cohorting. Additional information can be found through the following link:

  https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/prepare-safe-return.html

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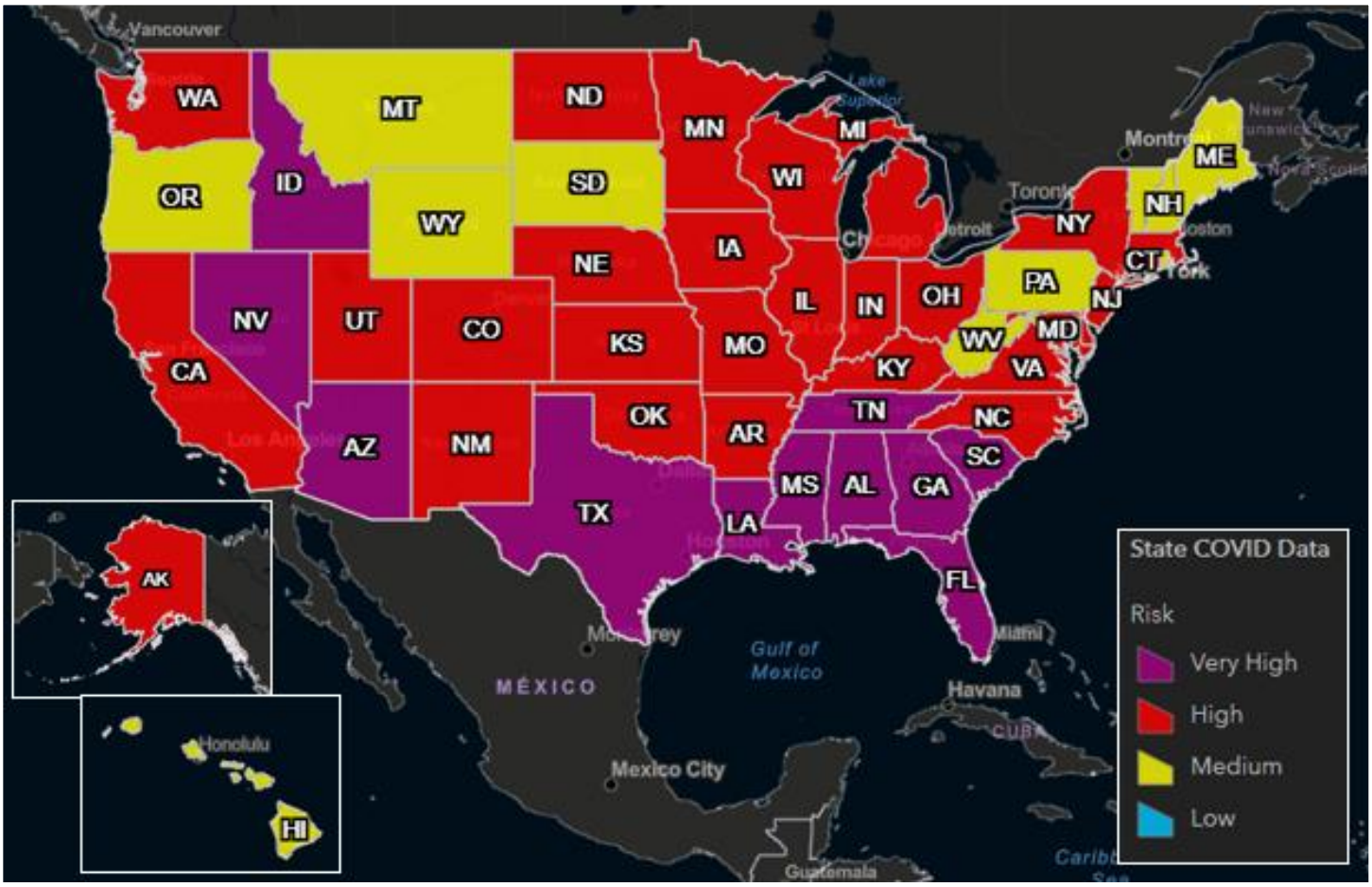
ASSOCIATED RISK FOR STATES AND COUNTIES: **Please refer to the Early Alert dashboard for daily risk levels.**

- The Early Alert dashboard now displays a map representing the associated risk for states and counties.
- Risk levels shown are based on Active Case Rates. (**Very High** > 350 per 100k, **High** 140-350 per 100k, **Medium** 14-140 per 100k, **Low** 0-14 per 100k).
- These thresholds have been based on a publication by the Harvard Global Health Institute located here: https://globalepidemics.org/wp-content/uploads/2020/06/TTSI-Technical-Advice-Handbook-2.0-June-30-2020-FINAL.pdf



CONFIRMED U.S. CASES BY STATE: **New information in this table is presented in red**

State	Confirmed Cases	72 Hr. Increase	Deaths
Alaska	3,984	425	24
Alabama	91,444	5,682	1,627
Arizona	178,467	7,669	3,765
Arkansas	43,173	1,414	458
California	509,162	23,660	9,356
Colorado	47,267	1,471	1,691
Connecticut	49,810	140	4,432
Delaware	14,949	260	585
District of Columbia	12,274	217	586
Florida	487,132	25,753	7,206

State	Confirmed Cases	72 Hr. Increase	Deaths
Nebraska	26,391	969	332
Nevada	50,205	3,381	832
New Hampshire	6,613	69	416
New Mexico	20,796	408	651
New Jersey	182,350	1,380	15,836
New York	416,298	1,928	25,170
North Carolina	125,219	5,025	1,969
North Dakota	6,602	301	95
Oklahoma	38,225	2,485	550
Ohio	93,031	3,405	3,529

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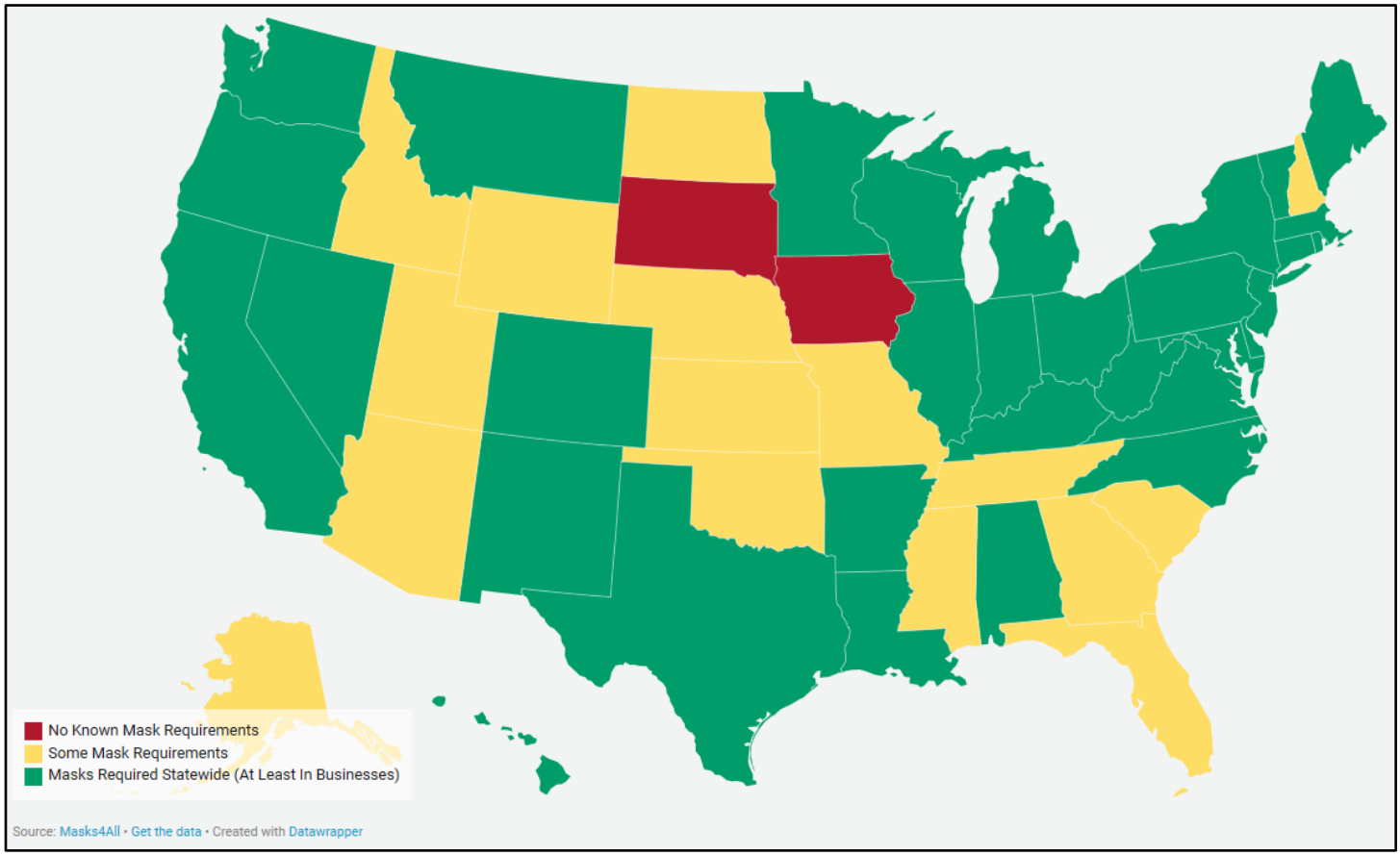
Georgia	193,177	10,891	3,840	Oregon	19,097	966	326
Hawaii	2,197	332	26	Pennsylvania	113,590	2,512	7,209
Idaho	21,114	1,435	197	Puerto Rico	18,411	1,839	230
Illinois	183,224	5,086	7,714	Rhode Island	19,022	72	1,007
Indiana	67,857	2,604	2,975	South Carolina	91,788	4,216	1,777
Iowa	45,492	1,454	876	South Dakota	8,955	270	135
Kansas	27,812	603	358	Tennessee	109,627	6,756	1,073
Kentucky	31,185	1,799	742	Texas	430,485	18,378	6,837
Louisiana	119,747	5,266	4,007	Utah	41,175	1,479	311
Maine	3,958	70	123	Vermont	1,426	19	57
Maryland	90,274	3,097	3,515	Virginia	91,782	2,878	2,218
Massachusetts	118,458	1,360	8,638	West Virginia	6,854	432	117
Michigan	91,761	1,980	6,457	Washington	57,541	2,556	1,592
Minnesota	55,947	2,255	1,654	Wisconsin	58,990	2,911	955
Mississippi	60,553	2,974	1,703	Wyoming	2,808	122	26
Missouri	51,840	6,287	1,253	Guam	356	2	5
Montana	4,193	379	61	U.S. Virgin Islands	421	36	8

U.S. Cloth Mask Requirement Map: **Please refer to the Early Alert dashboard for additional details.**



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U.S. STATE PROTECTIVE ACTIONS SUMMARY: New information in this table is presented in red.

*Number denotes % of occupancy allowed in facility

**Phase shown is current phase / total phase's in reopening plan

State	Retail*	Restaurant*	Opening Phase **	Additional Information
Alabama	50	Capacity Limits	2 & 3 of 3	Face masks are now required when in public spaces, indoors or outdoors. Safer at home guidelines extended thru August 31.
Alaska	100	100	4 of 4	All nonresident travelers to Alaska will be required to have a negative test for the coronavirus before they arrive in the state beginning on Aug. 11.
Arizona	100	50	2	Statewide mask order extended to Aug. 31.
Arkansas	100	75	2	Statewide face mask order issued for indoor and outdoor public spaces for anyone 10 or older.
California	In-store Retail for Stage 2 & 3 Counties	Outdoor Dining	2 & 3 of 4 (Varies by County)	
Colorado	50	50	3 of 3	Facemask now required statewide for anyone over 10 yrs. of age for indoor public spaces.
Connecticut	50	50	2 of 4	Phase 3 reopening paused until further notice.
Delaware	60	60	2	Phase 3 delayed due to increased COVID-19 cases.
District of Columbia	50	50	2 of 4	
Florida	100	50	2 of 3	
Georgia	100	100	1	
Hawaii	Capacity Limits	Capacity Limits	2 of 4	Public health emergency and related restrictions extended thru August.
Idaho	100	100	4 of 4	
Illinois	Capacity Limits	25	4 of 5	
Indiana	100	75	4 of 5	Stage 4.5 opening in effect until at least Aug. 27. Face coverings required statewide for anyone 8 years old or older in indoor public spaces, commercial entities, transportation services and outdoor areas where social distancing is not possible.
Iowa	100	100	By County	
Kansas	100	100	3 of 4	Phase 4 reopening delayed.
Kentucky	100	25		
Louisiana	50	50	2	Phase 2 extended until August 07.
Maine	100	100	3 of 4 (By County)	
Maryland	50	50	2	Face masks required in all indoor and outdoor public spaces.
Massachusetts	Capacity Limits or 40%	Indoor Dining	3 of 4	
Michigan	Capacity Limits	50	4 & 5 of 6	Restrictions reimposed on gathering limits and indoor bars.
Minnesota	50	50	3 of 4	Residents required to wear masks in stores, restaurants, and public indoor gathering spaces and outdoors where social distancing is difficult.
Mississippi	Capacity Limits	50	3 of 4	Reopening paused until further notice.
Missouri	100	100	1 of 2	

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Montana	100	75	2 of 3	
Nebraska	100	100	3 of 4 (By County)	
Nevada	100	50	2 of 3	Phase 2 will remains in place. New reopening plans will be announced Monday August 3.
New Hampshire	50	Capacity limits	1 of 2	
New Jersey	Capacity Limits	Outdoor Dining	2 of 4	
New Mexico	25	Outdoor dining	1	All public health orders extended through August keeping restrictions in place until at least September.
New York	50	Take Out (Indoor 50%, Phase 3 Only)	4 of 4 (By Region)	
North Carolina	50	50	2 of 3	Phase 2 remains in place until at least August 7.
North Dakota	Capacity Limits	75	2 of 3 (Color Codes)	
Ohio	100	100		
Oklahoma	100	100	3 of 3	
Oregon	100	100	2 of 3	Mask required when outdoors and social distancing cannot be conducted.
Pennsylvania	75	25	3 of 3 (Color Code)	Indoor dining capacity is reduced from 50 percent to 25 percent, including staff.
Rhode Island	66	66	3 of 3	
South Carolina	Capacity Limits	50	2	Effective August 3 masks will be required in restaurants and government buildings.
South Dakota	100	100		
Tennessee	100	100	3	
Texas	50	50	3	
Utah	100	100	3 of 4	
Vermont	Capacity Limits or 25%	50	2	Residents will be are required to wear masks inside and outdoors if they can't socially distance.
Virginia	100	50	3 of 3	
Washington	30	50	2 & 3 of 4 (By County)	Phased reopening paused indefinitely, barring any county from advancing to the next phase of the state's four-part plan.
West Virginia	100	50	8 of 10	
Wisconsin	100	100	3 of 3	Statewide mask order requiring face coverings when indoors or in enclosed spaces.
Wyoming	Capacity Limits	Capacity Limits		Public heath orders will remain in place until at least August 15.
Puerto Rico	Capacity Limits	50	2 of 3	

INTERNATIONAL HIGHLIGHTS:

Australia:

- A state of disaster was declared in Victoria with the local government implementing a nightly curfew as part of its restrictions to contain the virus.
- The new restrictions will be in place until mid-September and will allow only one person per household to go shopping once a day.

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- A curfew from 8 p.m. to 5 a.m. has also been implemented in the state capital of Melbourne, barring the nearly five million people in the city from leaving their houses except for work, or to receive or give care.

Belgium:

- Belgium's Foreign Ministry made a significant number of additions to its list of areas in Europe to which citizens are not authorized to travel due to surges in coronavirus cases.
- New areas have also been added to the Ministry's orange list; places where visitors are urged to exercise increased caution.
- The new additions to the Ministry's red list include Mayenne in France, the Severoiztochen and Yugozapaden regions of Bulgaria, Switzerland's Lake Geneva region and the Centre, Southeast, South Muntenia and Southwest Oltenia areas of Romania.
- In Spain, Navarre, Aragon, and Barcelona and Lleida in Catalonia are now on also the red list.
- The new orange list includes many French departments, with Nord, Pas de Calais, Haut Rhin and Haute Savoie joining the Loire country and Ile de France (except Seine-et-Marne department, now moved from orange to green)

Hong Kong:

- Seven Chinese health officials have arrived in Hong Kong, which was on the verge of a large-scale outbreak after a surge in locally transmitted coronavirus cases.
- They are the first members of a 60-person team from mainland China that will assist with anti-epidemic work in the city, starting with the construction of a temporary laboratory to ramp up testing.
- The initiative marks the first time the mainland health officials have assisted Hong Kong in its battle to control the epidemic.

Ireland:

- Random coronavirus testing is being introduced in airports across Ireland and tracing teams are also being bulked up in an effort to ensure that an increase in case numbers is effectively managed.
- The moves come as part of a cautious approach by the government in the wake of a recent rise in COVID-19 cases.
- Over the past three days, 168 new cases of the virus have been recorded by the Health Department.
- The government is also considering the introduction of further measures to restrict non-essential travel.
- Anyone coming into Ireland is currently required to restrict their movements for a minimum of 14 days, with the only exception being those traveling from Northern Ireland.

Philippines:

- The Philippines will reimpose a stricter coronavirus lockdown in and around the capital city of Manila beginning August 4th, as the country struggles to contain infections that have jumped to more than 100,000 cases.
- Some businesses and public transport are expected to be closed in the capital and work and quarantine passes will also be required, as authorities seek to restrict movements.
- The Philippines recorded 5,032 additional infections on August 2nd, the country's largest single-day increase.
- It was the second-highest number of COVID-19 infections in Southeast Asia, behind Indonesia.

Poland:

- Poland experienced its highest daily rise in infections since the start of the pandemic, with 657 new cases.
- This week has seen infection rates climb rapidly and new cases have appeared in all provinces in the country.
- The greatest number of cases are still in the southern region of Silesia, where the virus has rampaged through coal mines, prompting the government to close 12 of them. Three have since reopened, but that's been met with another jump in new cases.
- Masks remain mandatory in enclosed spaces.

Russia:

- Russia plans to launch a nationwide vaccination campaign in October with a coronavirus vaccine that has yet to complete clinical trials.
- This is raising international concern about the methods the country is using to compete in the global race to inoculate the public.
- Russia has used the race as a propaganda tool, even in the absence of published scientific evidence to support its claim as a front-runner.

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- The Minister of Health said that the plan was to begin by vaccinating teachers and health care workers. He also said that amid accelerated testing, the laboratory that developed the vaccine was already seeking regulatory approval for it and will start Phase III trials of the vaccine in early August.
- The World Health Organization maintains a list of worldwide vaccine trials, but there is no Russian Phase III trial on the list.

United Kingdom:

- Millions of COVID-19 tests able to detect the virus within 90 minutes will be rolled out to British hospitals, care homes and laboratories to boost capacity in the coming months, according to the Health Minister.
- The Health Minister also stated that there are two types of the tests and neither will need to be administered by a healthcare professional.

TRAVEL INFORMATION:

The links below are to the CDC travel webpage and the Department of State travel webpage, which are updated regularly and outline specific guidelines and regulations in detail. Please refer to these for information regarding specific countries for the most up-to-date information.
https://www.cdc.gov/coronavirus/2019-ncov/travelers/index.html
https://travel.state.gov/content/travel/en/traveladvisories/ea/covid-19-information.html

EARLY ALERT COVID-19 UPDATE:

Early Alert has developed a COVID-19 / 19-nCoV Dashboards and Resource Center in an effort to display the most up-to-date tools and information available, in real-time, to help you maintain situational awareness and critical decision support. Included in the site you will find:

- **Real-Time Statistics**: The latest worldwide and U.S. numbers.
- **Interactive Charts**: Animated timelines where users can choose which countries to view and compare data.
- **Travel Guidance**: Information is available as issued by the respective states in the US.
- **Dashboard Links**: Now consolidated in one location for ease of use.
- **Link to our latest Situation Report** in PDF format.

Resource Center:
https://covid19-early-alert.hub.arcgis.com/

Global Dashboard:
https://earlyalert.maps.arcgis.com/apps/opsdashboard/index.html#/20bfbf89c8e74c0494c90b1ae0fa7b78

US Dashboard:
https://early-alert.maps.arcgis.com/apps/opsdashboard/index.html#/b4cff3aa546947e4812a233459b0b514

Note: All information contained in this report is compiled from multiple regulatory agency sources including the Centers for Disease Control and Prevention, World Health Organization, U.S. Department of State, National Institutes of Health and U.S. Department of Health and Human Services. Federal, state and local protective actions will be included as pertinent to the situation. The facts and data presented in this report are the most up-to-date available at the time of release.

Situation Reports will be issued Sunday, Tuesday and Thursday evenings to have available the following morning for planning purposes. Additional reports will be generated as conditions warrant.

***** END OF REPORT *****

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