

This situational heatmap (Beta) illustrates the rank of active confirmed cases in all countries or U.S. states in the descending order. It uses a series of blocks in different size and color to represent the number and recover rate of coronavirus cases of different places within the last 20 days. The size of the block increases as the number of active confirmed case increases. While the color of the block, in a "yellow-orange-red" ramp, gets darker as the 'active / aggregate' rate (a.k.a recover rate) increases.

Infection Case(s) indicates one or several confirmed infected individual(s) in the U.S., excluding those were identified from the Diamond Princess. The dataset of the infected cases are continuously enriched from different data portals such as [1point3acres](#) and state officials. Notably, each case was geocoded to an approximate location within the county which reported the case. The location is by no means identical to the exact address where the case was discovered.

An Infected Community indicates a community or village where confirmed cases were found. The local governments in China have taken strict measures to isolate the residents of these places from the outside. The dataset of infected community can be found at [ahusmart](#).

This map is made by the [Humanistic GIS Lab at University of Washington - Seattle](#). The data are mainly collected from [WHO](#), [CDC](#), [PHA](#), [China CDC](#), [NBC News](#), [Wikipedia](#), and [Baidu](#). Regarding the state level data in the U.S., they are collected from CDC, state officials and [NBC News](#). The computational resources are provided by [UW's Center for Studies in Demography and Ecology](#). The base maps are from [Carto](#) and [ESRI](#), and the geospatial data for the base maps are acquired from the [OpenStreetMap](#). The timely updated dataset of the virus infection can be downloaded [here](#). Details about this interactive map can be found [here](#). If you have any questions or concerns, please contact [Bo Zhao](#).

