

COVID-19 All Tests Resulted Weekly

Brief Description

Number of tests resulted weekly among Berkeley residents.

Meta

- Category: Health
- Permissions: Public
- Tags/Keywords: health, covid, coronavirus, testing

Links

- <https://data.cityofberkeley.info/Health/COVID-19-All-Tests-Resulted-Weekly/mc9x-5kpz>

Attribution

- Data Provided By: City of Berkeley Public Health Division

Update Frequency

- Daily

One Page Narrative

This dataset represents the number of viral tests for confirming current infection that are resulted weekly among Berkeley residents. This dataset does not include antibody tests for past infection, as these tests are not currently used to diagnose active infection (<https://www.cdc.gov/coronavirus/2019-ncov/lab/serology-testing.html>). The number of tests reported in this dataset will be larger than the previously posted “COVID-19 Testing Data” dataset because this dataset does not de-duplicate the number of tests completed by unique Berkeley resident. Berkeley residents that are tested more than once on a different day are counted more than once in this dataset, including residents that test positive more than once on different days. Therefore, the number of positive test results in this dataset will also be greater than the number of confirmed cases in the City of Berkeley. This dataset also includes a large number of lab results that were performed and resulted in April and May, and were only recently reported through the state’s communicable disease tracking database, CalREDIE.

This dataset does not represent all tests completed in Berkeley, as not all people tested in Berkeley are residents of the city. Counts do not include lab results of two cases that were lab-confirmed in early March that were passengers of the Grand Princess cruise.

The dataset begins the week the first COVID-19 viral test was resulted for a Berkeley resident. Data in this report come from the state’s communicable disease tracking database, CalREDIE, and are updated daily. Dates reflect the week the test was resulted as reported in CalREDIE, or

the week the specimen for the test was collected as reported in CalREDIE, if the week the test was resulted is missing. The last line of the dataset reflects lab results that are missing both the date the test was resulted and the specimen collection date in CalREDIE.

Delays in reporting of lab tests occur often due to the high degree of variation in the time needed to complete and report tests by different laboratories. Note that due these delays, the number of labs reported on and/or closer to the current date are underreported, and the number of tests resulted for any given date are subject to change in the future.

On March 24, 2020, the Public Health Officers of the seven bay area counties mandated that all laboratories report all COVID-19 test results to the public health department through CalREDIE. Before this date, COVID-19 testing was limited. In February and early March, testing was only being conducted at public health laboratories. In mid-March 2020, commercial laboratories began to administer COVID-19 tests, however only select laboratories were voluntarily reporting all COVID-19 test results, including negatives.

Testing numbers before the mandate was issued on March 24, 2020 are not comprehensive of all COVID-19 tests completed. Tests with the negative results before this time may not have been reported through CalREDIE, and it is not anticipated that negative lab results will be added back retroactively before March 24, 2020. However, counts are always subject to change as information is updated in CalREDIE.

Tabular Data Descriptions

Column Name	API Field Name	Comment
Week Number	weekofyear	Reflects the week of the year based on the ISO week date system
Week Start Date	weekstartdate	Date the week begins based on the ISO week date system
Week End Date	weekenddate	Date the week ends based on the ISO week date system
Positive Tests	weeklypositives	Number of positive lab tests resulted tests by the week the test was resulted as reported in CalREDIE among Berkeley residents. The last line of the dataset reflects lab results that are missing both the date the test was resulted and the specimen collection date in CalREDIE.
Total Tests	weeklytests	Total number of lab tests resulted by the week the test was resulted as reported in CalREDIE among Berkeley residents. The last line of the dataset reflects lab results that are missing both the date the test was resulted and the specimen collection date in CalREDIE.
Percent Positive	percentpositive	The percentage of lab tests that were positive among the cumulative number of tests resulted each week.

