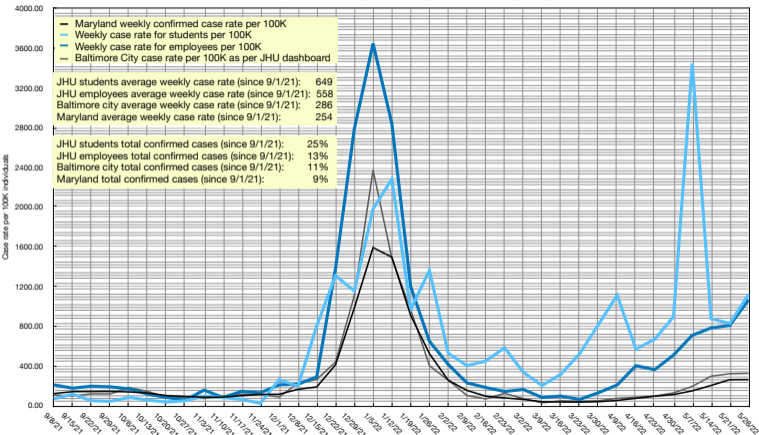


Weekly confirmed case rate per 100K population:
Johns Hopkins University Community, Baltimore City, Maryland



- Data for weekly confirmed case rate for Johns Hopkins Community students and employees is from <https://covidinfo.jhu.edu/diagnostic-testing/testing-dashboard/>; we collected cumulative confirmed cases weekly in each category (students, employees), took the difference between end of the week and beginning of the week, and divided by the approximate total population in each category (~15,000 students, ~24,500 employees, as kindly provided by [Dr. L. Rutkow](#), Vice Provost of Interdisciplinary Initiatives). Confirmed case rates for Baltimore City computed, in a similar way, from data at <https://covidinfo.jhu.edu/diagnostic-testing/testing-dashboard/>, cross-checked with data from <https://coronavirus.maryland.gov>. Confirmed case rate for Maryland from data from https://covid.cdc.gov/covid-data-tracker/#trends_dailycases_7daycasesper100k, cross-checked with data from <https://coronavirus.maryland.gov>. The definition of the confirmed data case is assumed to be comparable in the different data sets, and consistent with CDC guidance. Testing requirements vary dramatically however, so an unknown portion of the differences may be inputted to testing, and lack thereof, for example for asymptomatic cases. JHU students, especially undergraduate students, are tested at a high rate (e.g. in average once weekly or higher), and similarly graduate students (albeit perhaps at a lower rate); employees however appear to test only at less than a 5% rate weekly, as per the JHU testing dashboard. The numbers in the dashboard on date X do not include positive cases of subjects that have left Hopkins by date X, even if they tested positive before date X. For example if a student tested positive in Nov. '21 and graduated on May 22nd, 2022, the dashboard would remove that positive case from the JHU dashboard data, retroactively. I think this is absurd, but I was told that this is what happens by design, after I inquired, having noticed significant variations, from time to time, in the time series for the whole academic year. I have snapshots of the non-doctored data, available upon request.
- Current (Jan. '22 onward) policies at Johns Hopkins (see <https://covidinfo.jhu.edu/>): mandatory vaccination and booster dose - vaccination rate Johns Hopkins Community: >99% fully vaccinated (includes booster, mandatory as of 2/1/2022), both students and employees, as per <https://covidinfo.jhu.edu/diagnostic-testing/testing-dashboard/>; twice weekly testing for vaccination-exempt students and employees; twice weekly testing for all students (once weekly from mid-March; back to twice weekly for undergrads in April) regardless of vaccination status; available but not mandatory testing for vaccinated faculty; Jan-beginning of March: required check-in every 12 hours on Prodensity app; no distancing rules in classrooms; masking mandatory Jan-March, after March 9th mandatory only in classrooms and for non-vaccinated individuals; back to mandatory (I think) at the beginning of April. Vaccination rate in Baltimore City: 64% (all ages), 73% (18+ yrs old) as of 3/24/22, as per <https://coronavirus.maryland.gov> (I am not sure "fully vaccinated" here includes the booster dose, see definition of "fully vaccinated" at the bottom of that webpage).
- Total confirmed cases: data from <https://covidinfo.jhu.edu/diagnostic-testing/testing-dashboard/>; Maryland data cross-checked with <https://coronavirus.maryland.gov>.
- Unfortunately the time series provided by the Johns Hopkins Testing Dashboard have changed multiple times, with changes in the number of positive cases for students and employees changed suddenly, retroactively, by rather significant amount (in some cases >10% of cases). I have asked for a reason, to no avail so far. I am reporting the older data above, but have at least some of it available upon request.