COVID-19 vaccines administered by race/ethnicity
(estimates as of January 24 2021)

Race/Ethnicity	Total 1st doses	% of 1st doses	% 1st dose population coverage
Latinx	16,733	17.2%	2.2%
Black, Non-Latinx	14,787	15.2%	1.9%
White, Non-Latinx	51,463	52.9%	5.7%
Asian, Non-Latinx	13,912	14.3%	7.5%
Other, Non-Latinx	389	0.4%	0.6%
Unknown	7,489		
Chicago	104,773	100%	3.9%

As of January 9, 2021, 76% of all vaccination records received by the Chicago Department of Public Health (CDPH) were missing race/ethnicity. CDPH in collaboration with DePaul University Center for Data Science utilized a validated statistical methodology, known as the Bayesian Improved Surname Geocoding Method (BISG), to impute (predict) the race/ethnicity among those missing, based on the zipcode of residence and the surname (last name) of individuals whose COVID-19 vaccination records were missing race/ethnicity. Method was able to predict over 90% of missing data. More information about the methodology can be found here. The numbers in the above table reflect proportional estimates based on imputation performed as of 1/9/21. Race-ethnicity derived from data imputation inherently have a level of uncertainty and are not intended to substitute for an individual's self-reported identification. Imputation is intended as an activity to help the health department and stakeholders better understand and enhance the progress in COVID-19 vaccination efforts citywide. All activities were classified as health surveillance and all procedures for performing BISG data imputation underwent institutional review and approval.

Data represents COVID-19 vaccinations administered to Chicago residents based on home address, as reported by medical providers in Illinois Comprehensive Automated Immunization Registry Exchange (I-CARE). The site of vaccination may not be in the City of Chicago. Percentages reported exclude those still unknown after BISG imputation. All data are provisional and subject to change.

Data Source: Illinois Comprehensive Automated Immunization Registry Exchange (I-CARE), U.S. Census Bureau American Community Survey.