

Divvy Station Prevalence by Community Demographics (divvy_demographics)

77 observations (all variables should be aggregated by community area)

VARIABLE NAME	DESCRIPTION	CONSTRUCTION/TRANSFORMATION	DATA ORIGIN	TYPE
community_id	community area ID	N/A	communities.RDS	numeric
community	community area name	N/A	communities.RDS	character
geometry	community area boundaries	N/A	communities.RDS	spatial
num_stations	number of stations			numeric
num_stations_capita	number of stations per capita			numeric
num_bikes	number of bikes	We don't have access to number of bikes, only to number of bike docks, so that's what's used here		numeric
num_bikes_capita	number of bikes per capita			numeric
population	population (count)	rename variable		numeric
white	white population (count)	rename variable: 1. white alone, not hispanic or latino (estimate)		numeric
prop_white	proportion of population that is white (between 0 and 1)	construct by dividing `white` by `population`		numeric
non_white	non-white population (count)	construct by taking population - white (since hispanic/latino was double counted in other categories sometimes). Thus, it includes: 1. black or african american, not hispanic or latino (estimate) 2. asian, not hispanic or latino (estimate) 3. hispanic/latino (estimate) 4. all others (data was aggregated by chicago community data snapshots)		numeric
prop_non_white	proportion of population that is non-white (between 0 and 1)			numeric
median_income *	median income			numeric
inc_low_high (example)	count	It refers to less than, gt refers to greater than. So inc_lt_25k is household income less than \$25,000, inc_25_50k is household income between \$25,000 and \$49,999, and so on, with inc_gt_150k being household income of \$150,000 or more.		numeric
inc_lt_25k				numeric
inc_25_50k				
inc_gt_150k				numeric
prop_poverty	proportion of families below poverty line (using income to poverty threshold ratio as defined by census bureau)			numeric
disabled	count			numeric
prop_disabled	disabled count / population			
msh_index_score	Marginalization and Socioeconomic Hardship Index	All variables marked with a * are included in the index		
tot_hh	count of households			
unemp	Unemployment count as defined by census bureau			
unemp_perc *	(unemp/population)*100			
non_white_perc *	(non_white/population)*100			
disabled_perc *	(disabled count / population)*100			
no_veh	count of households without vehicle access			
no_veh_perc *	(no_veh/tot_hh)*100			
rent_occ_hu	count of renter-occupied housing units			
renting_hh_perc *	(ren_occ_hu/tot_hh)*100			
single_parent_hh	count of households that are single parent with at least one child			
single_parent_perc *	(single_parent_hh/tot_hh)*100			
no_internet	count of households without internet access			
no_internet_perc *	(no_internet/tot_hh)*100			
bach	count of people with bachelors degree			
bach_perc *	(bach_perc/population)*100			
under_pov_perc *	prop_pov*100			
		For more info on variables, see codebook in google drive and/or standard census definitions		