

FILE: FINAL\_All\_Quincy\_Block\_Scores\_Bluebikes\_9\_24.geojson

MAP: FINAL\_Map\_All\_Quincy\_Block\_Scores\_Bluebikes\_9\_24.html

Contains all of the census blocks in Quincy with their scores and normalized (0 to 1) or logical (TRUE/FALSE) metrics contributing to their scores.

Column Name	Description	Example Value
GEOID	Census designated ID for the census block; character	2.50214E+14
rt_coverage	Whether or not the block is near a rapid transit station; logical	FALSE
SCORE	Total points from weighted inputs; numeric Calculated as 20*BG_total_pop_sqmi_scale + 15*pi_coverage + 15*bike_coverage + 10*avg_bike_ed_block_scale + 10*avg_bike_pd_block_scale + 10*TRACT_zero_veh_hh_sqmi_scale + 10*mixed_use_metric + 5*min_city_owned_ft + 5*multiple_bus_routes + 5*cr_coverage	49.611082
BG_total_pop_sqmi_scale	Population density for the block's census block group, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.37723432
pi_coverage	Whether or not the block is near a public input location; logical	TRUE
bike_coverage	Whether or not the block is near existing or planned bike infrastructure; logical	FALSE
avg_bike_ed_block_scale	Average existing biking demand of the network within the census block, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.48802824
avg_bike_pd_block_scale	Average potential biking demand of the network within the census block, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.8840059
mixed_use_metric	Balance of commerical, residential, and civic building area for the block's census block group, normalized from 0.33 to 1; numeric	0.4974644
TRACT_zero_veh_hh_sqmi_scale	Density of zero-vehicle households for the block's census tract, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.33676611
min_city_owned_ft	Whether or not the block has at least 936 sq ft of city-owned land (approx 5 times the space of a standard 19-dock Bluebikes station); logical	TRUE
multiple_bus_routes	Whether or not the block is near multiple bus routes; logical	FALSE
cr_coverage	Whether or not the block is near a commuter rail station; logical	TRUE

**FILE: FINAL\_Quincy\_Block\_Scores\_Bluebikes\_RT\_Proximity\_Split\_9\_24.geojson**  
**MAP: FINAL\_Map\_Quincy\_Block\_Scores\_Bluebikes\_RT\_Proximity\_Split\_9\_24.html**  
Contians a subset of Quincy blocks, particularly those that either a) are near a rapid transit station, or b) are outside of a 1/2 mile buffer of a rapid transit station.  
Contains their scores and normalized (0 to 1) or logical (TRUE/FALSE) metrics contributing to their scores.

Column Name	Description	Example Value
GEOID	Census designated ID for the census block; character	2.50214E+14
rt_coverage	Whether or not the block is near a rapid transit station; logical	FALSE
SCORE	Total points from weighted inputs; numeric Calculated as 20*BG_total_pop_sqmi_scale + 15*pi_coverage + 15*bike_coverage + 10*avg_bike_ed_block_scale + 10*avg_bike_pd_block_scale + 10*TRACT_zero_veh_hh_sqmi_scale + 10*mixed_use_metric + 5*min_city_owned_ft + 5*multiple_bus_routes + 5*cr_coverage	49.611082
BG_total_pop_sqmi_scale	Population density for the block's census block group, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.37723432
pi_coverage	Whether or not the block is near a public input location; logical	TRUE
bike_coverage	Whether or not the block is near existing or planned bike infrastructure; logical	FALSE
avg_bike_ed_block_scale	Average existing biking demand of the network within the census block, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.48802824
avg_bike_pd_block_scale	Average potential biking demand of the network within the census block, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.8840059
mixed_use_metric	Balance of commerical, residential, and civic building area for the block's census block group, normalized from 0.33 to 1; numeric	0.4974644
TRACT_zero_veh_hh_sqmi_scale	Density of zero-vehicle households for the block's census tract, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.33676611
min_city_owned_ft	Whether or not the block has at least 936 sq ft of city-owned land (approx 5 times the space of a standard 19-dock Bluebikes station); logical	TRUE
multiple_bus_routes	Whether or not the block is near multiple bus routes; logical	FALSE
cr_coverage	Whether or not the block is near a commuter rail station; logical	TRUE
near_RT	Whether or not the block is near a rapid transit station; logical	FALSE

FILE: FINAL\_Recommended\_Blocks\_Quincy\_Bluebikes\_9\_24.geojson  
MAP: FINAL\_Map\_Recommended\_Blocks\_Quincy\_Bluebikes\_9\_24.html

Column Name	Description	Example Value
GEOID	Census designated ID for the census block; character	2.50214E+14
near_RT	logical	FALSE
rt_station	NA otherwise; character	North Quincy
rank_rt_station	near its rt_station, NA otherwise; numeric	2
rank_non_rt_group	outside of a 1/2 mile buffer of a rapid transit station, NA	8
SCORE	Total points from weighted inputs; numeric	74.58721
top_factors	average for relative to all Quincy blocks; character	Public input, Mixed use, City land

FILE: FINAL\_Equity\_Enhancing\_Alternative\_Blocks\_Quincy\_Bluebikes\_9\_24.geojson

MAP: FINAL\_Map\_Equity\_Enhancing\_Alternative\_Blocks\_Quincy\_Bluebikes\_9\_24.html

Contians a subset of Quincy blocks, particularly those that scored within the top 100 of blocks outside of a 1/2 mile buffer of rapid transit stations but were not initially proposed, either to fit spatial considerations or due to having slightly lower scores

Contains their scores and normalized (0 to 1) or logical (TRUE/FALSE) metrics contributing to their scores, alongside demographic information

Column Name	Description	Example Value
GEOID	Census designated ID for the census block; character	2.50214E+14
rt_coverage	Whether or not the block is near a rapid transit station; logical	FALSE
SCORE	Total points from weighted inputs; numeric Calculated as 20*BG_total_pop_sqmi_scale + 15*pi_coverage + 15*bike_coverage + 10*avg_bike_ed_block_scale + 10*avg_bike_pd_block_scale + 10*TRACT_zero_veh_hh_sqmi_scale + 10*mixed_use_metric + 5*min_city_owned_ft + 5*multiple_bus_routes + 5*cr_coverage	49.611082
BG_total_pop_sqmi_scale	Population density for the block's census block group, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.37723432
pi_coverage	Whether or not the block is near a public input location; logical	TRUE
bike_coverage	Whether or not the block is near existing or planned bike infrastructure; logical	FALSE
avg_bike_ed_block_scale	Average existing biking demand of the network within the census block, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.48802824
avg_bike_pd_block_scale	Average potential biking demand of the network within the census block, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.8840059
mixed_use_metric	Balance of commerical, residential, and civic building area for the block's census block group, normalized from 0.33 to 1; numeric	0.4974644
TRACT_zero_veh_hh_sqmi_scale	Density of zero-vehicle households for the block's census tract, normalized relative to other blocks between 0 (least) to 1 (most); numeric	0.33676611
min_city_owned_ft	Whether or not the block has at least 936 sq ft of city-owned land (approx 5 times the space of a standard 19-dock Bluebikes station); logical	TRUE
multiple_bus_routes	Whether or not the block is near multiple bus routes; logical	FALSE
cr_coverage	Whether or not the block is near a commuter rail station; logical	TRUE
GEOID_BG	Census designated ID for the census block group that the block is within, referenced to source demographic information; character	2.50214E+11
BG_minority_pct	Percent population that is minority (non-white or hispanic) within the block's block group; numeric	0.5223214