

Revere Open Space & Recreation Goals

Goal	Priority			Comments
	Low	Medium	High	
Provide recreational opportunities for residents of all ages and abilities.				
Protect and preserve Revere's natural resources.				
Develop facilities and programs that promote fitness and health.				
Improve stewardship of the parks.				
Develop partnerships and engage in regional collaboration to maximize limited resources and develop regional open spaces.				
What other goals would you like to see?				
These ideas come from a data analysis of existing conditions in Revere, and Revere's 2018 Open Space and Recreation Plan.				

Revere Energy and Climate Goals

Goal	Priority			Comments
	Low	Medium	High	
Continue to reduce municipal energy use and greenhouse gas emissions.				
Develop a community-wide Climate Action Plan that sets the community on a pathway towards net-zero (amount of energy used is balanced by the energy produced).				
Increase access for local residents and businesses to clean energy for electricity and heating/cooling needs.				
Ensure that important infrastructure is protected or adapted to natural hazards and climate change.				
Utilize grey infrastructure (concrete and steel) and green infrastructure to reduce flooding impacts.				
Increase and improve open space and green infrastructure (including street trees) to reduce extreme heat impacts and reduce air pollution.				
Implement programs to increase education, awareness, and access to climate resilience for community members.				
What other goals would you like to see?				
These ideas come from a data analysis of existing conditions in Revere, and public comments gathered at the Revere Master Plan kickoff meeting earlier this year.				

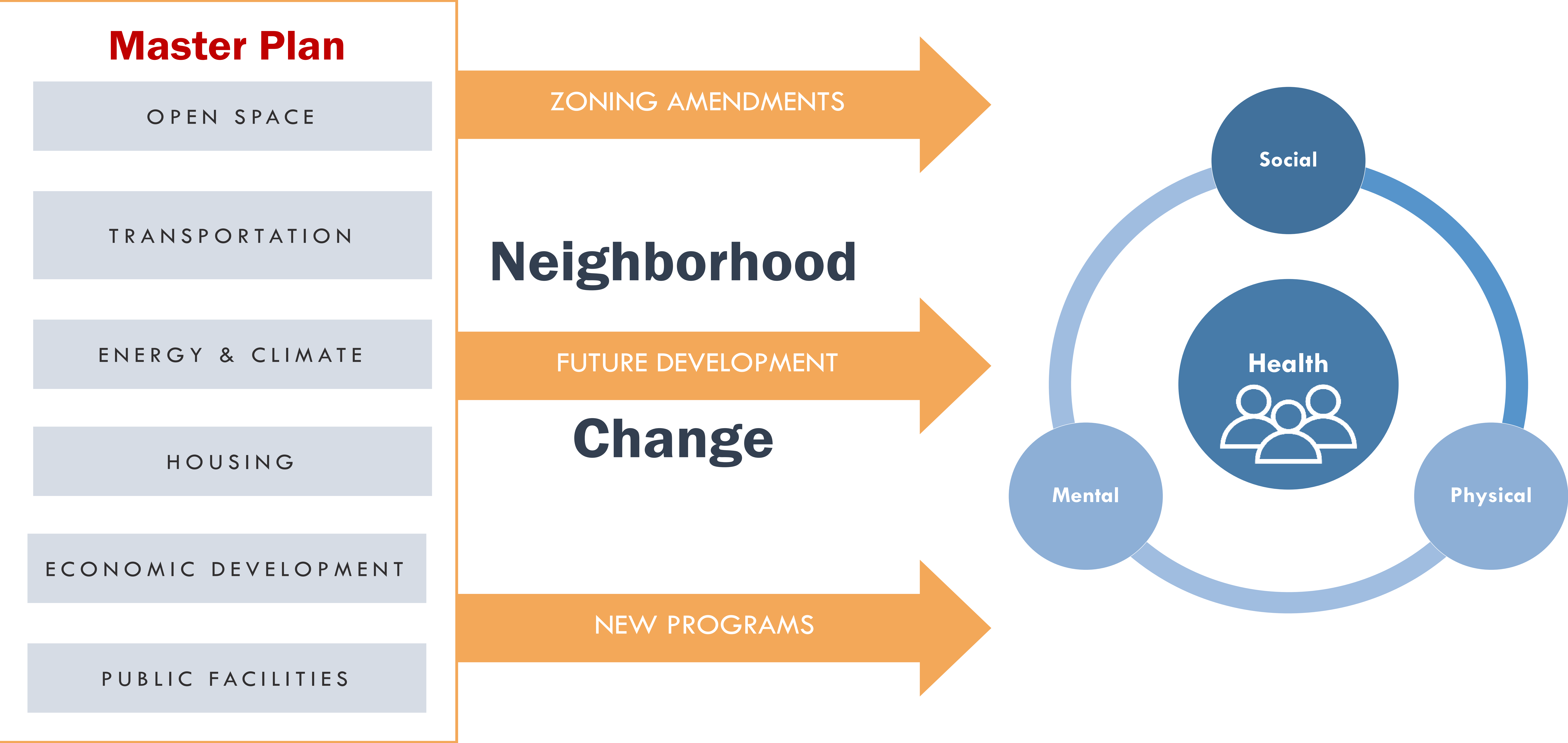
Revere Transportation Goals

Goal	Priority			Comments
Local Goals	Low	Medium	High	
Prioritize transportation safety improvements at high crash corridors and intersections.				
Improve and expand on- and off-street walking and biking infrastructure in Revere.				
Require new residential developments and new large employers to provide activities, incentives, and infrastructure improvements to encourage residents and visitors to travel by public transit, walking, and biking.				
Consider modifying parking regulations to make sure parking spaces are being used efficiently and effectively in the downtown, on the waterfront, and in residential neighborhoods.				
Regional Goals				
Partner with the MBTA to bring improvements to the Blue Line and local bus service.				
Work closely with MassDOT and DCR on highway projects on state-owned roadways in Revere.				
Continue advocacy for regional transportation improvements to alleviate local traffic concerns.				
What other goals would you like to see?				
These ideas come from a data analysis of existing conditions in Revere, and public comments gathered at the Revere Master Plan kickoff meeting earlier this year.				

Revere Public Health Goals

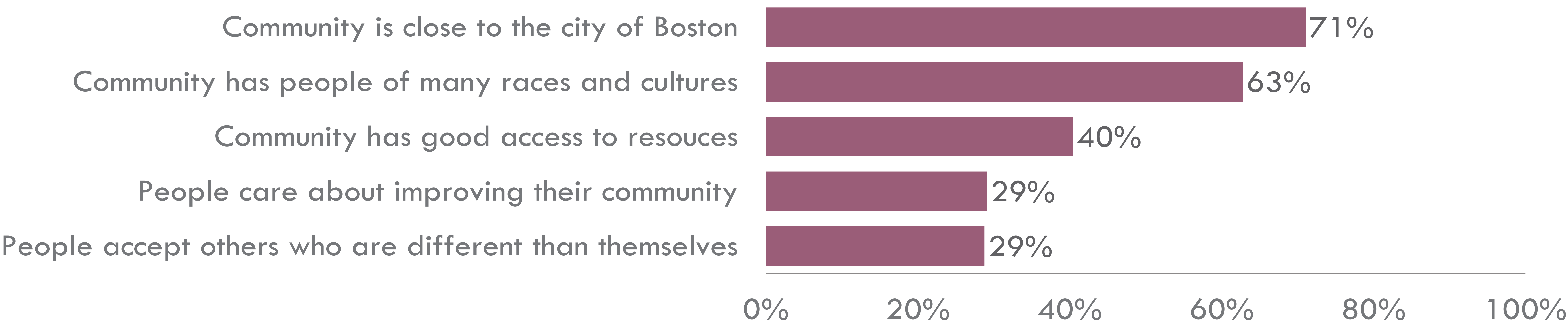
Goal	Priority			Comments
	Low	Medium	High	
Promote environments that strengthen community connectedness and a sense of belonging for all residents.				
Support the behavioral and mental health of all residents to reduce the potential for risk behaviors.				
Address exposure to environmental harm that affects the physical health and mental wellbeing of residents, such as air pollution and extreme heat.				
Prioritize investment in biking and walking infrastructure to support daily physical activity and enhance access to health-promoting goods and services, such as affordable grocery stores, park space, and childcare.				
Partner with the MBTA to improve local bus service to support access to health-promoting goods and services, such as affordable grocery stores, park space, and childcare.				
Consider health impacts of proposed projects and policies by including a health and equity perspective in local decision-making.				
What other goals would you like to see?				
These ideas come from a data analysis of existing conditions in Revere, and public comments gathered at the Revere Master Plan kickoff meeting earlier this year.				

How is health shaped by a Master Plan?

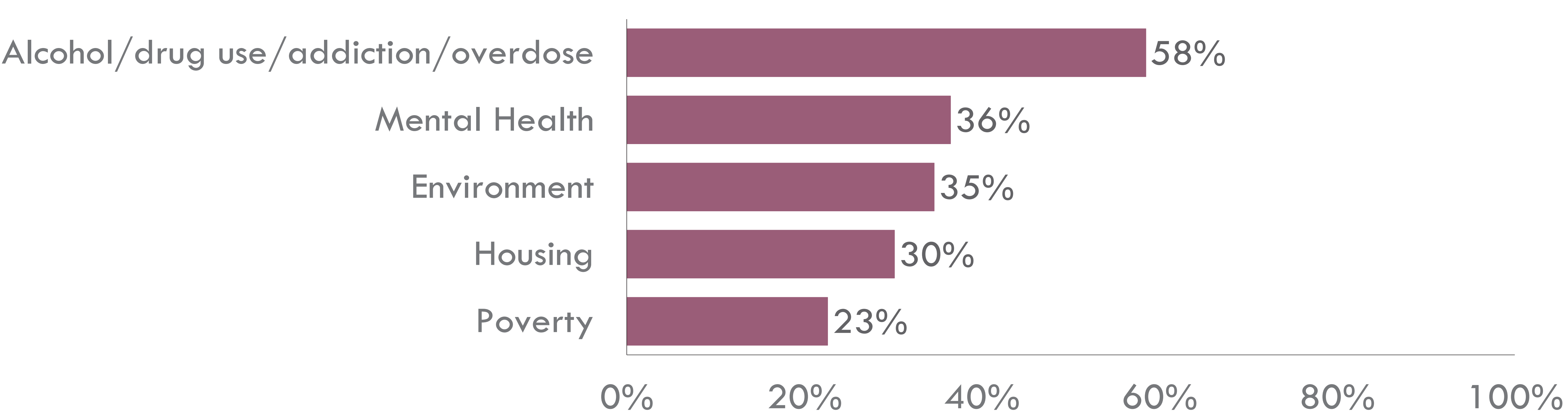


Community Health Survey* preliminary highlights

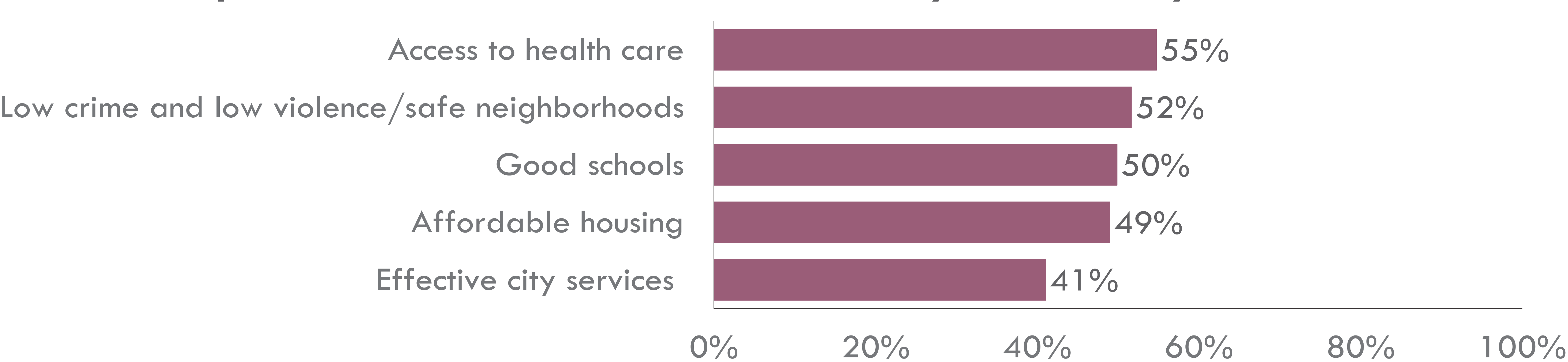
What are the strengths of your community?



What are the top 5 most important health problems in your community?

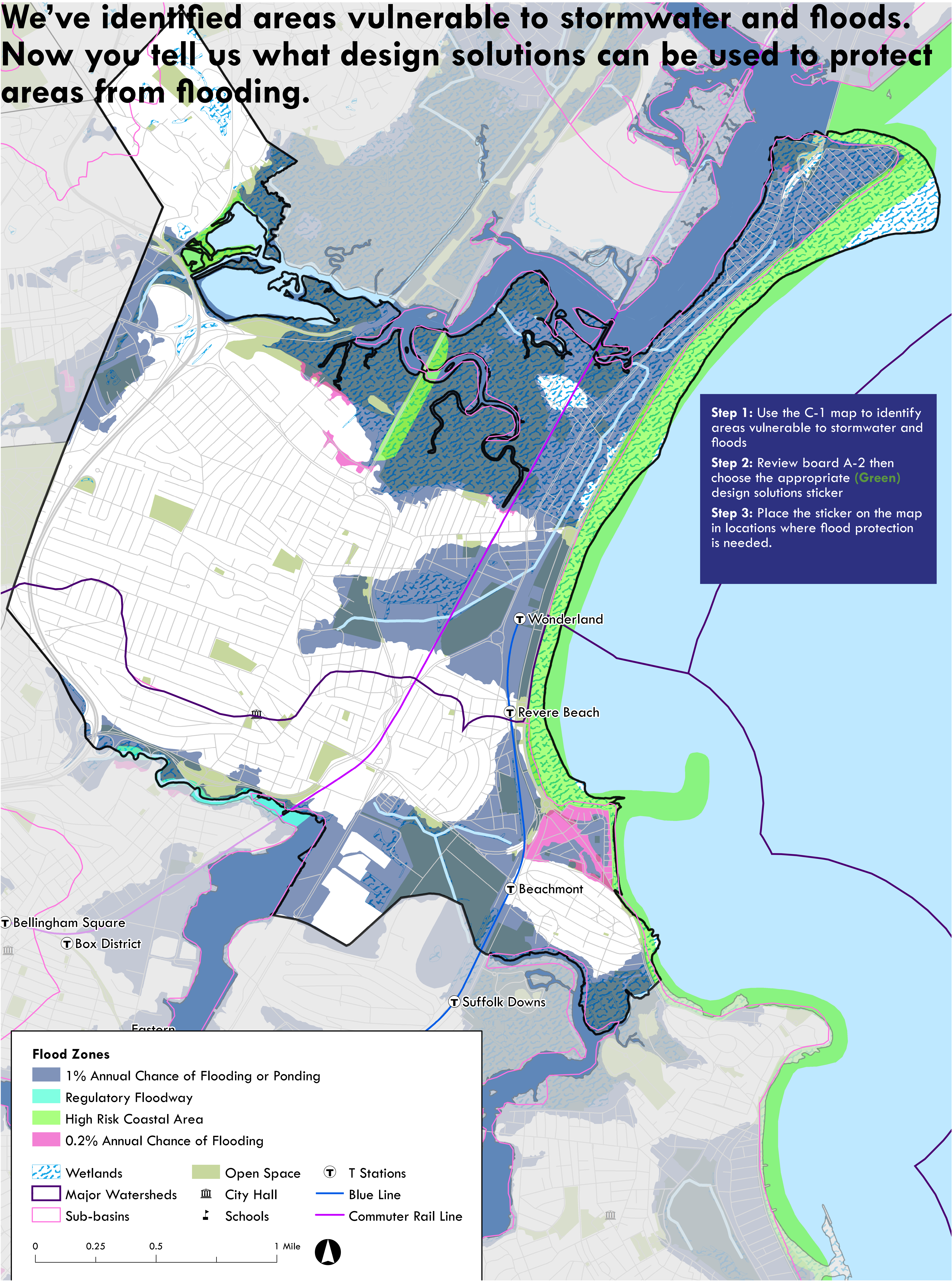


What are the 5 most important factors that define a "Healthy Community?"



*Data from the April 24, 2019 North Suffolk Collaborative iCHNA Steering Committee Presentation. This data includes 1,660 respondents (650 from Revere), but does not include approximately 110 paper surveys as there was not enough time to enter them for this initial analysis.

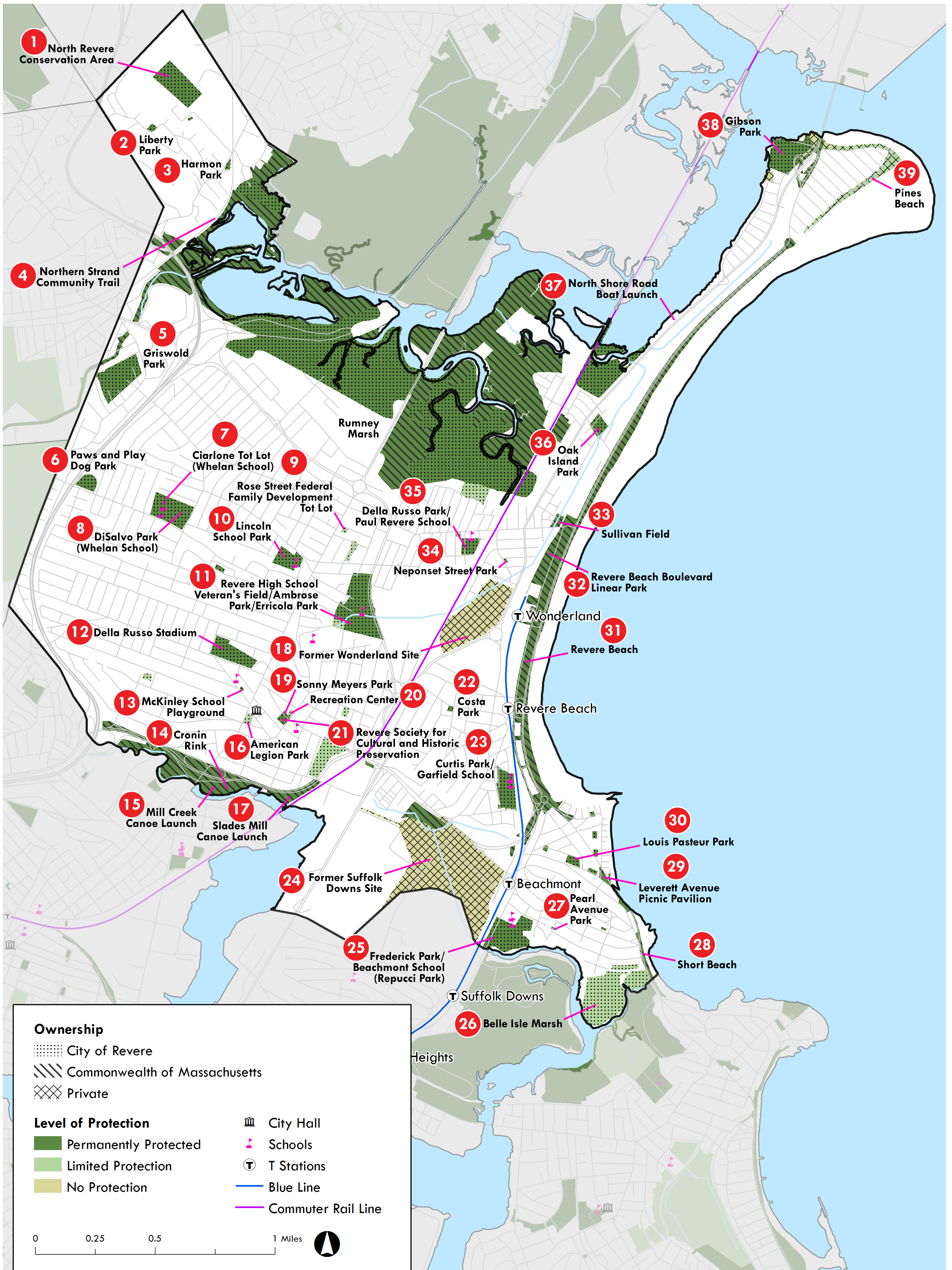
We've identified areas vulnerable to stormwater and floods. Now you tell us what design solutions can be used to protect areas from flooding.



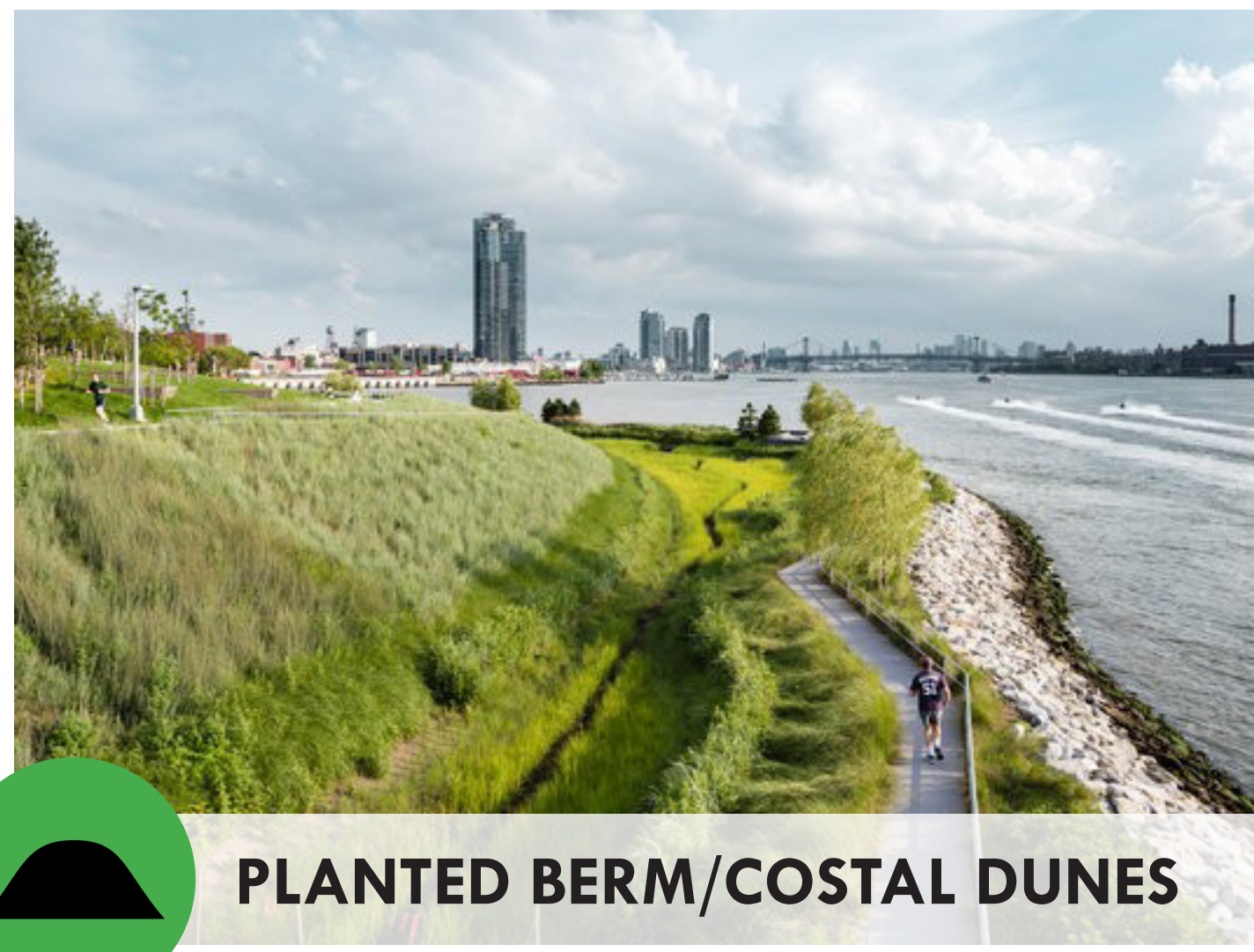
Step 1: Use the C-1 map to identify areas vulnerable to stormwater and floods

Step 2: Review board A-2 then choose the appropriate (Green) design solutions sticker

Step 3: Place the sticker on the map in locations where flood protection is needed.



What type of amenities, programming, and activities would you like to see in Revere parks and open spaces?



Revere's Open Space & Recreational Sites

Site ID

Step 1: Use the A-1 Site ID map to locate where you would like to see a desired program, activity or amenity added to Revere's parks and open spaces.
Step 2: Place a (Yellow) sticker on the table next to the Site ID # that corresponds with the location on the A-1 map.
Want a program that isn't listed? Write any additional suggestions in the comments section below.

1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

ARE WE MISSING ANYTHING? COMMENT HERE:

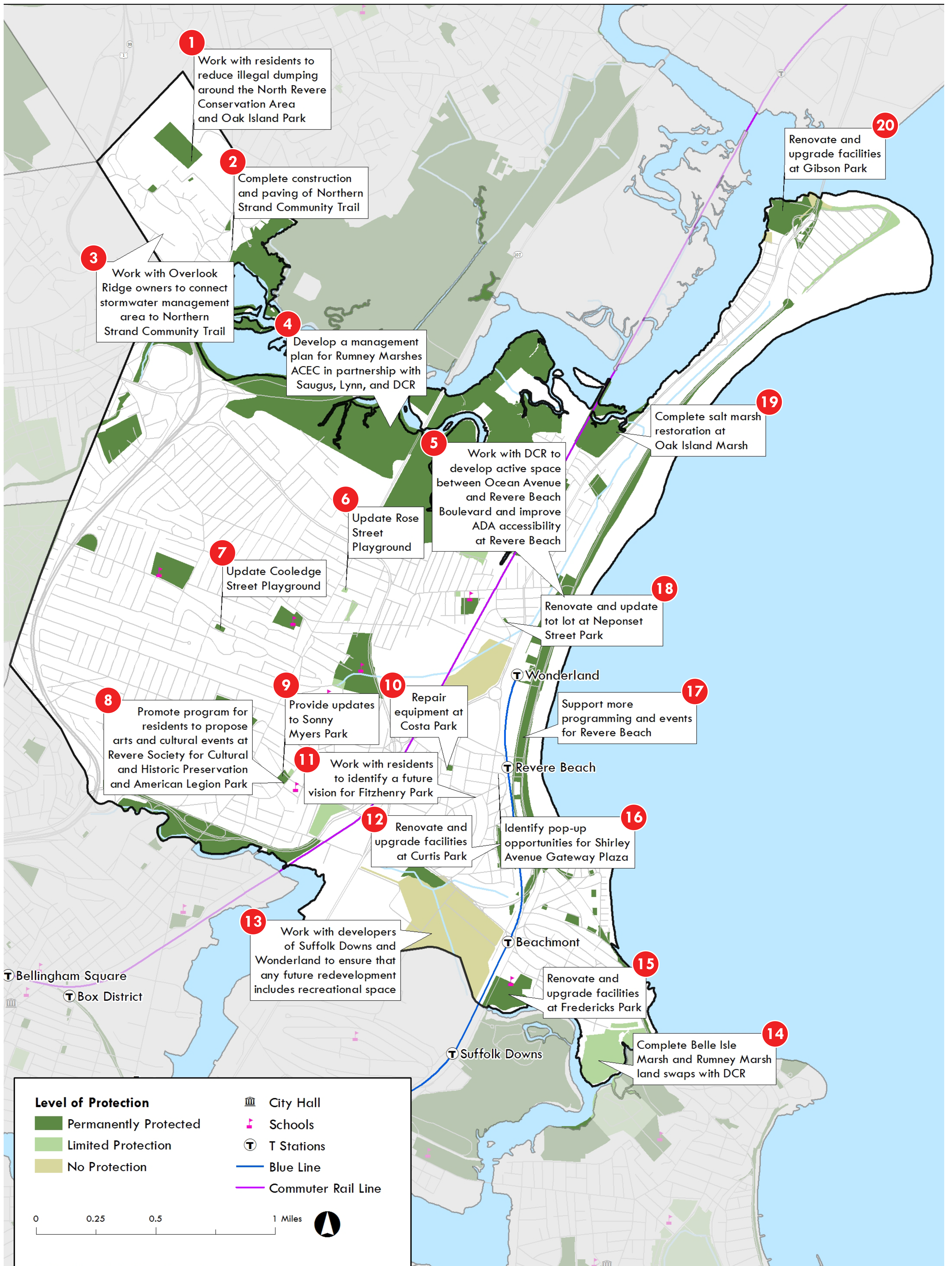
Revere's Open Space & Recreational Sites

Site ID

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Want a program that isn't listed? Write any additional suggestions in the comments section below.

21		31	
22		32	
23		33	
24		34	
25		35	
26		36	
27		37	
28		38	
29		39	
30		SD	

ARE WE MISSING ANYTHING? COMMENT HERE:

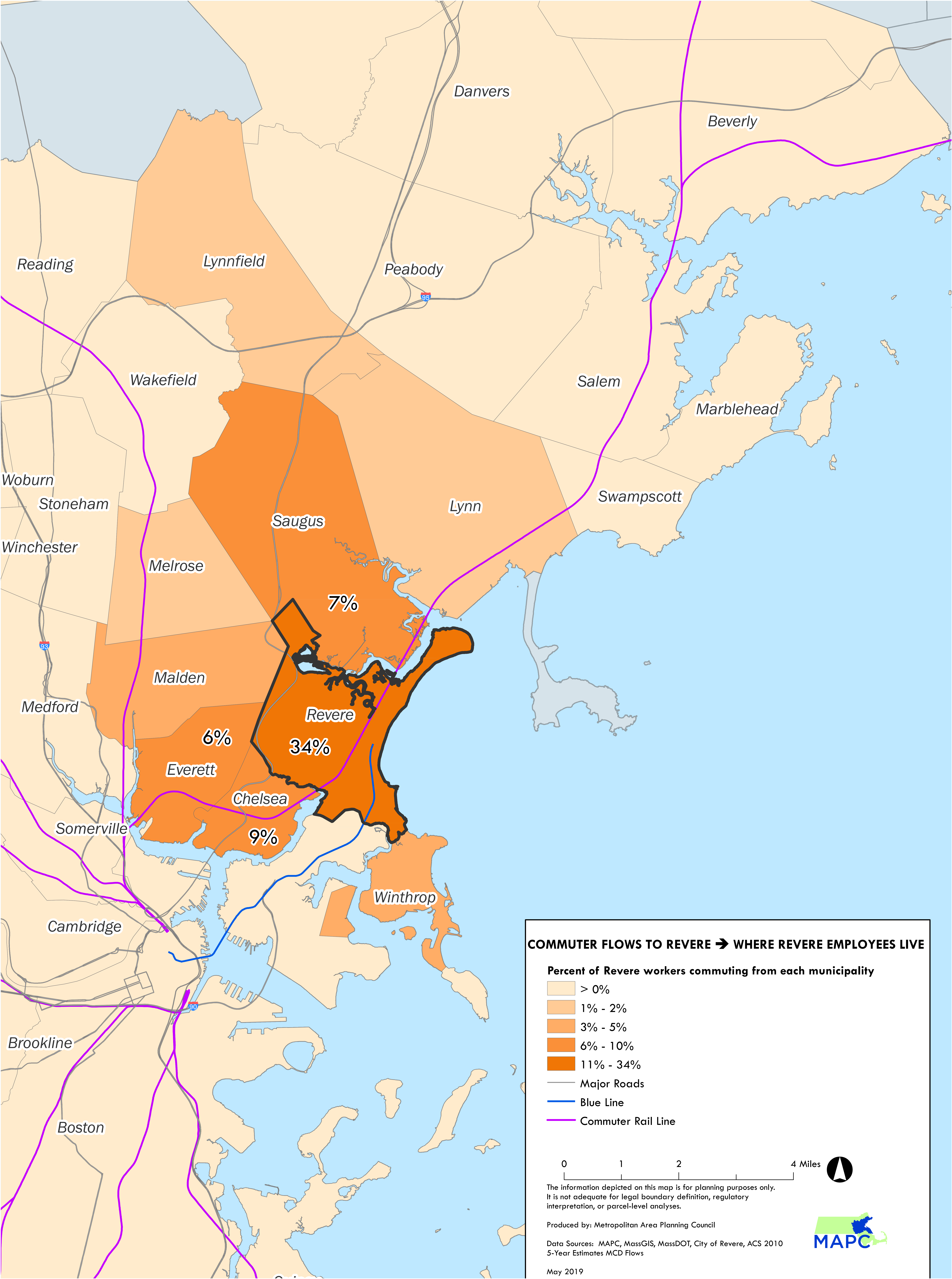


Open Space & Recreation Action Plan

OSRP Action Item			
Step 1: Review the B-1 Action Plan Map			
Step 2: Take your thumbs up / thumbs down sticker			
Step 3: Place a sticker next to the OSRP action item you agree with or disagree with (Provide additional comments below)			
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	
ARE WE MISSING ANYTHING? COMMENT HERE:			

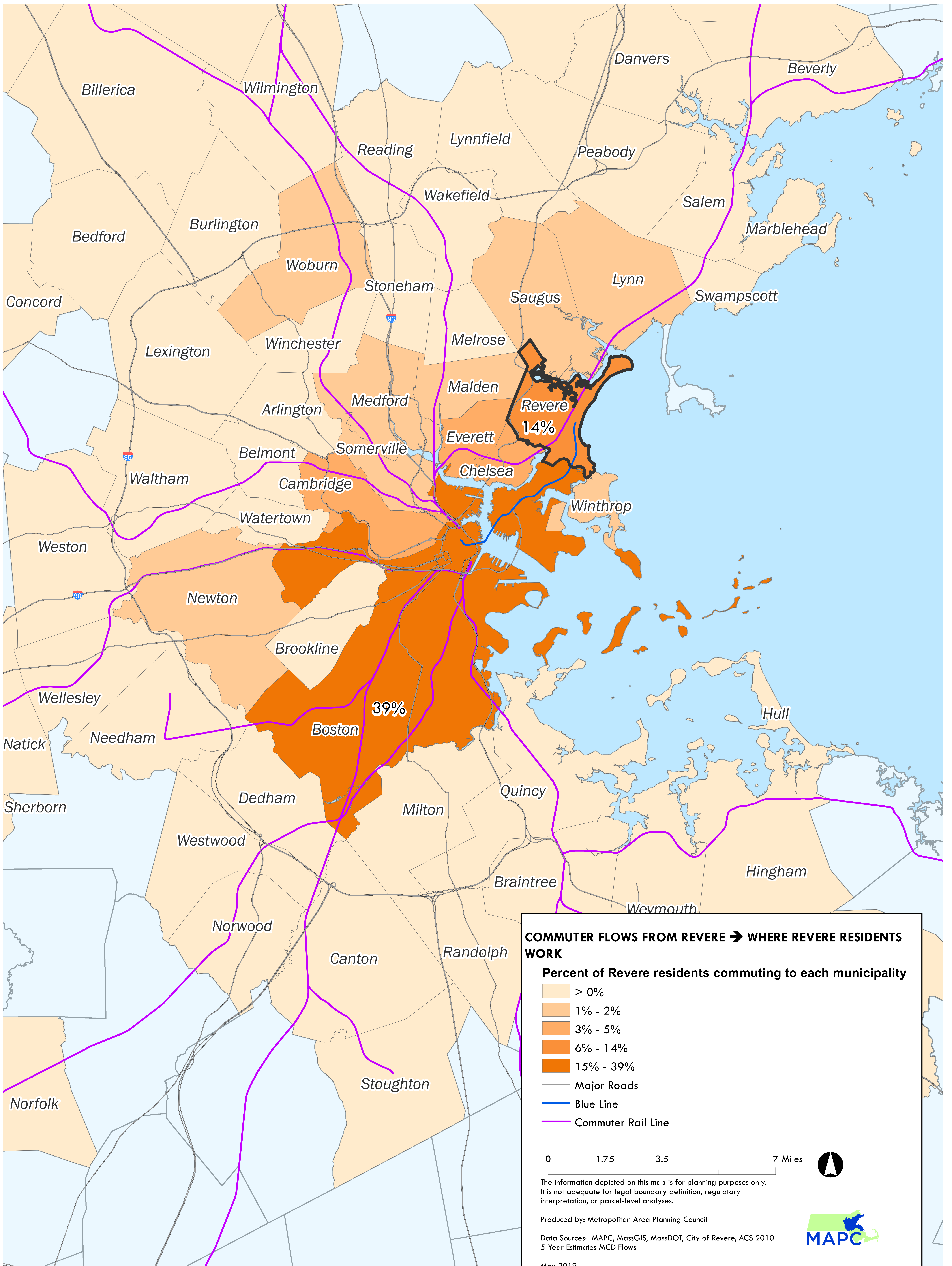
What improvements to your route would you like to see?





COMMUTER FLOWS TO REVERE





COMMUTER FLOWS FROM REVERE



Revere

Pocket Parks Suitability Analysis

Best Sites

Park Context

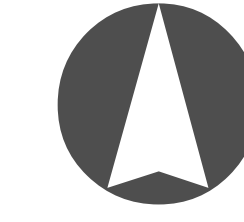
- Open Space
- Pond, Lake, Ocean
- Tree Canopy (2016)
- Building Structures (Rooftops)

- Potential Park Areas
- Best Sites (Resilience)
- Best Sites (Physical)
- Best Sites (Health Equity)

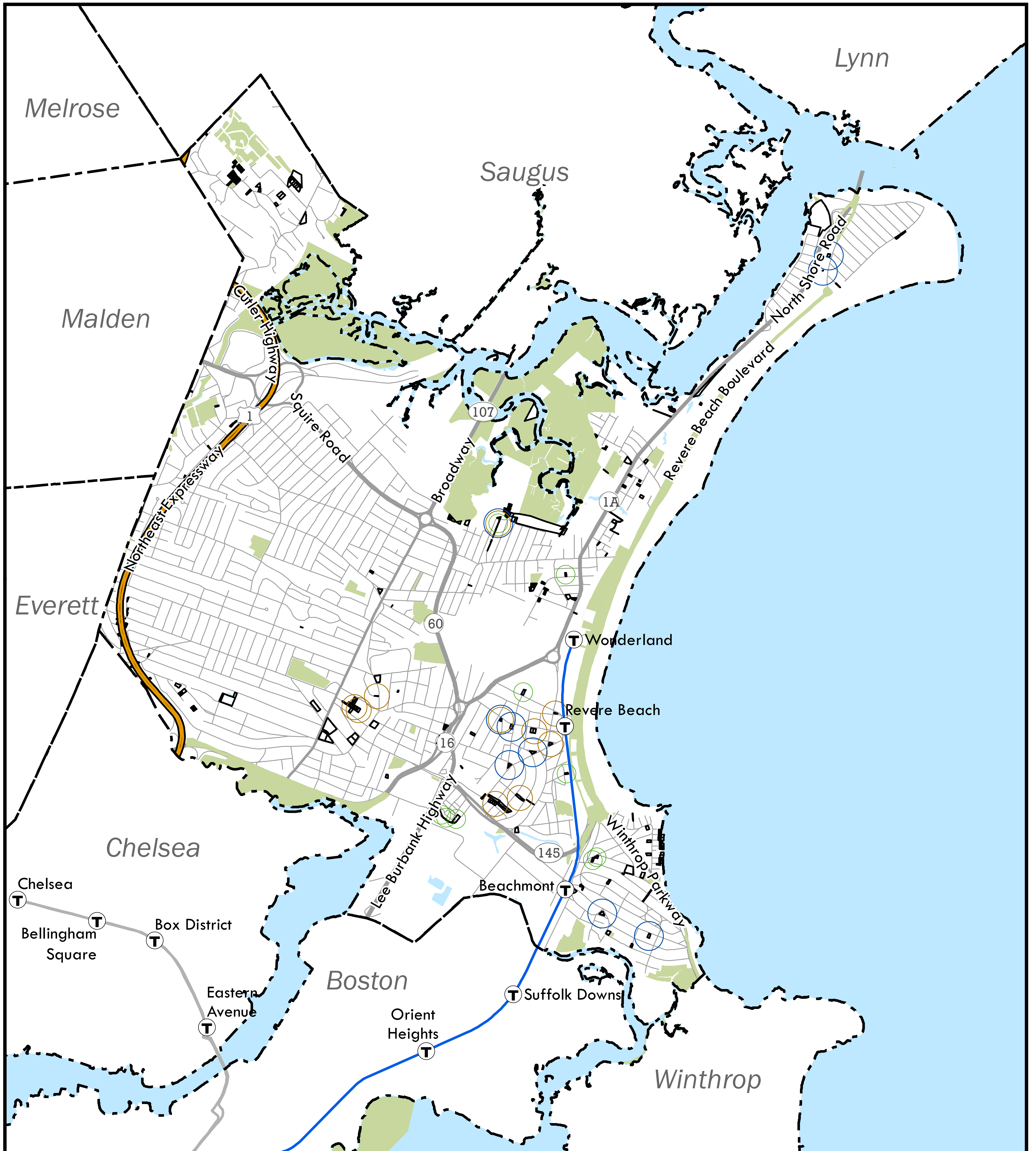
Produced by:
Metropolitan Area Planning Council
60 Temple Place, Boston, MA 02111
(617) 933-0700

Data Sources: MAPC, MassGIS, MassDOT, Census 2010

March 2019



0 0.175 0.35 0.7 Miles



WHAT DO YOU LIKE ABOUT THESE POCKET PARKS?

ROXBOROUGH POCKET PARK, PHILADELPHIA



ART • GAMES • PICNIC TABLES

JEFFERSON MARKET GARDEN, NEW YORK



PLANTS • TREES • GARDEN • BENCHES

GREENACRE PARK, NEW YORK



WATER FEATURES • VERTICAL GARDENING

6TH AVENUE NW POCKET PARK, SEATTLE



GRASSY LAWN • PERFORMANCE AREA

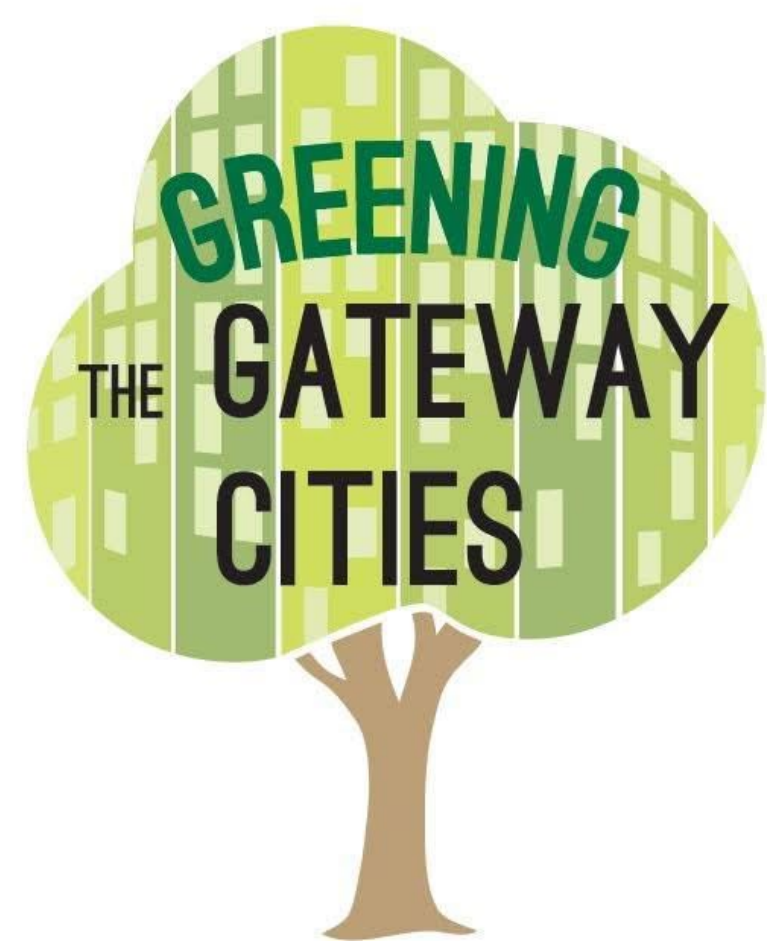
MUNICIPAL ENERGY REDUCTION



Revere was designated a Green Community in 2011 and received \$456,060 in grant funding from the state for energy efficiency conservation measures in municipal buildings, including:

- Upgrades to the energy management systems, improvements to the efficiency of the steam heating systems, additional insulation, lighting retrofits, and weatherization.
- Purchasing of electric vehicles and EV charging stations.

Additionally, Revere public schools have worked with Ameresco through an Energy Service Performance Contract (ESPC) to invest in energy efficiency and renewable energy in public schools in a “budget neutral” way. This means that Ameresco pays for all upfront costs and a portion of the annual cost-savings to the City help pay for the investment. Over time, the City will see annual cost savings due to these upgrades.

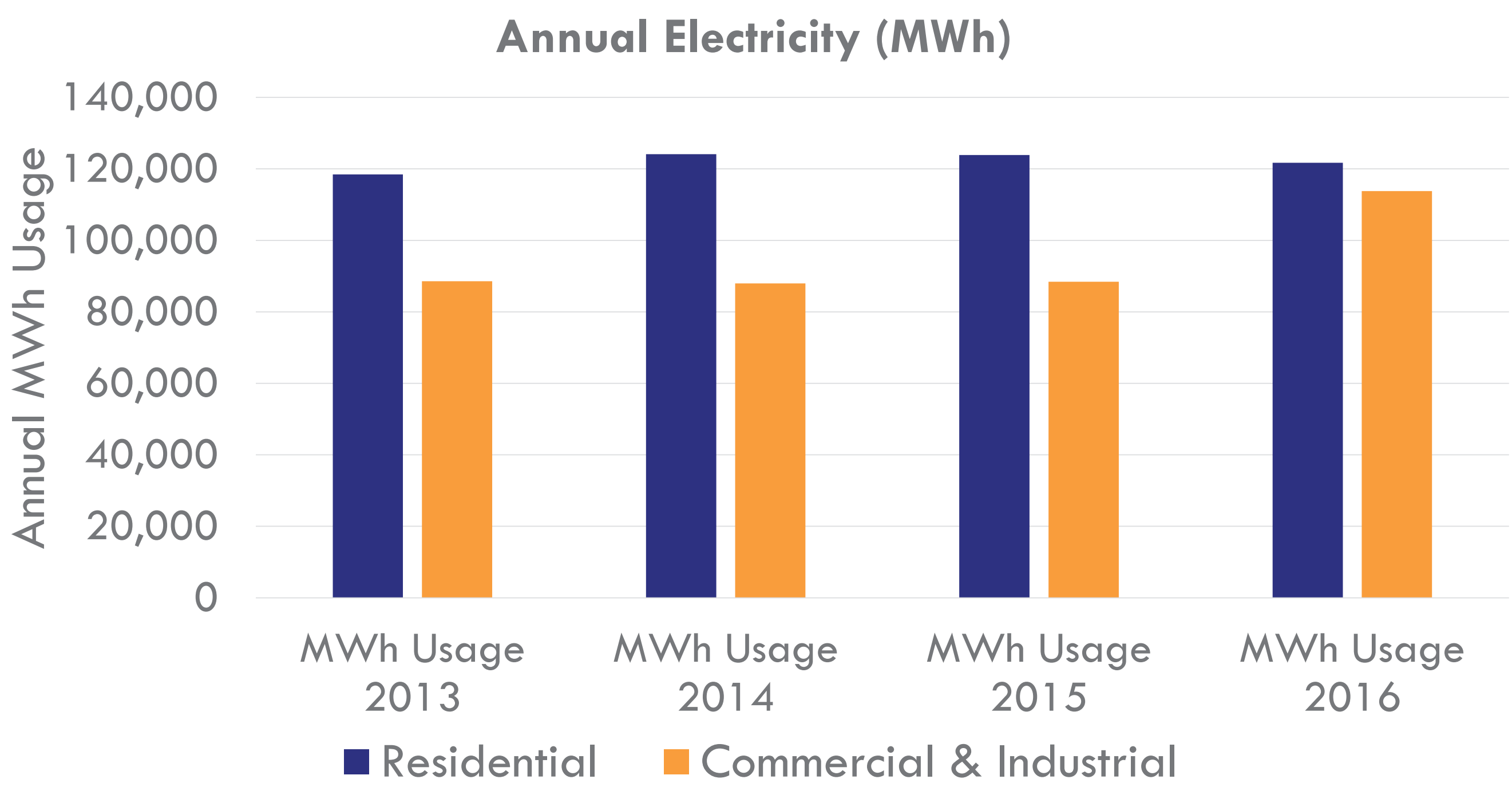


Revere is a participant of the Massachusetts Greening the Gateways Cities Program (GGCP), which is aimed at increasing urban tree canopy and planting more trees. Increasing urban tree canopy can have the following benefits:

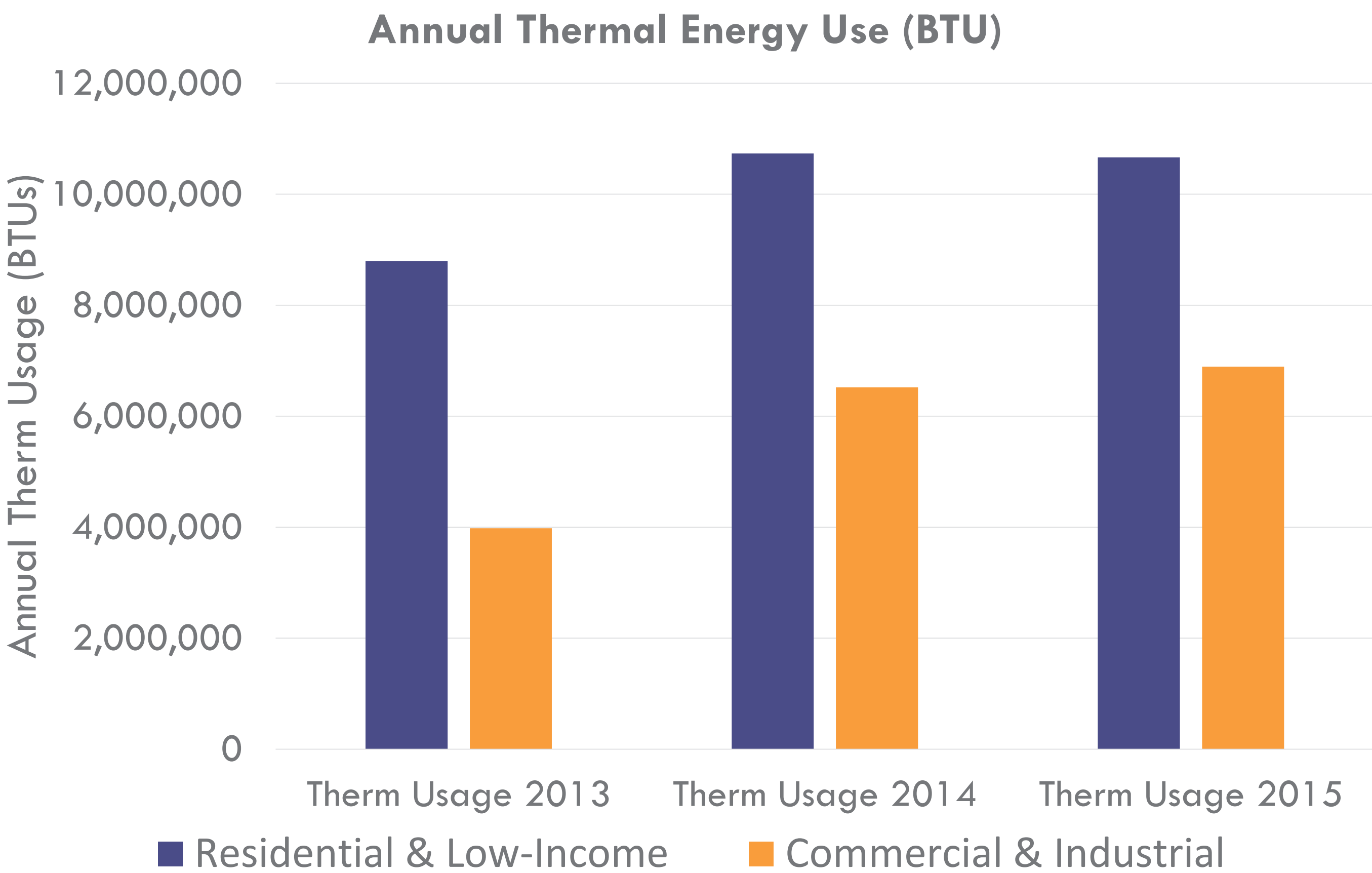
- Increased energy efficiency by reducing heating and cooling needs
- Reduced stormwater runoff
- Improved air quality
- Increased property values

ENERGY USE ACROSS REVERE

The following graph show electricity use from the residential sector and commercial and industrial (C&I) sectors in Revere. Electricity is measured in “Mega-Watt hours” (MWh). 1 MW is equivalent to 1,000 kilowatts (kW), which is 1,000 watts. So 1 MWh is equal to 1,000,000 watts. 1 MWh would be equivalent to the electricity required to power 10,000 100-watt light bulbs for one hour.



The following graph shows the thermal energy used from the residential and commercial and industrial (C&I) sectors in Revere. Thermal energy describes the energy used to heat a home or business from natural gas. Thermal energy is measured in “British Thermal Units” or BTUs.



SOLAR POTENTIAL IN REVERE

According to Google’s Project Sunroof, which maps solar potential of existing buildings, 88% of the roofs in Revere may be viable for solar. This would produce 123 MW of solar electricity, which would avoid 61,000 metric tons of CO2. The estimated median roof space would be 529 sq. ft. for a 7.5 kW system (enough to power an average household use).

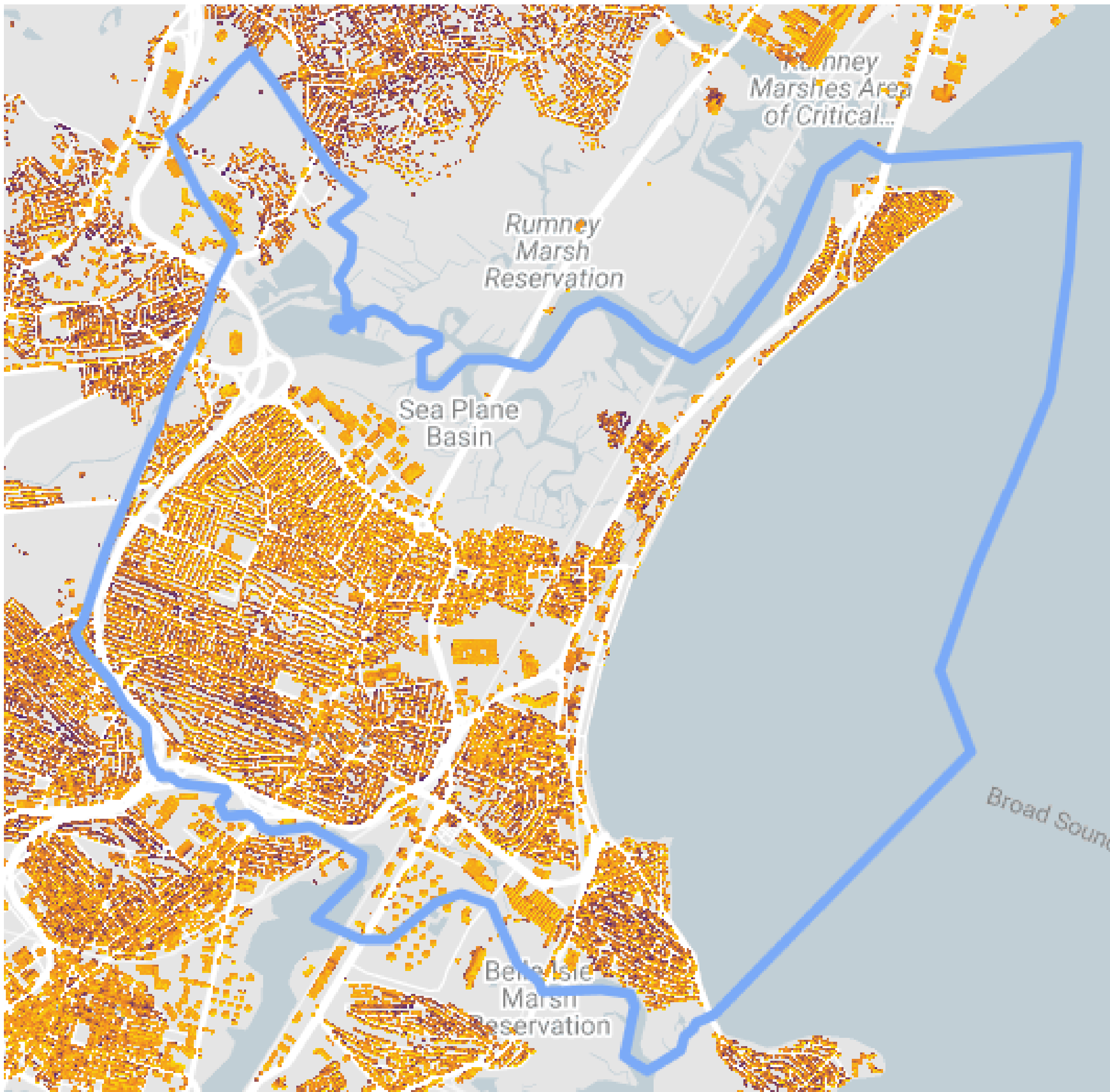
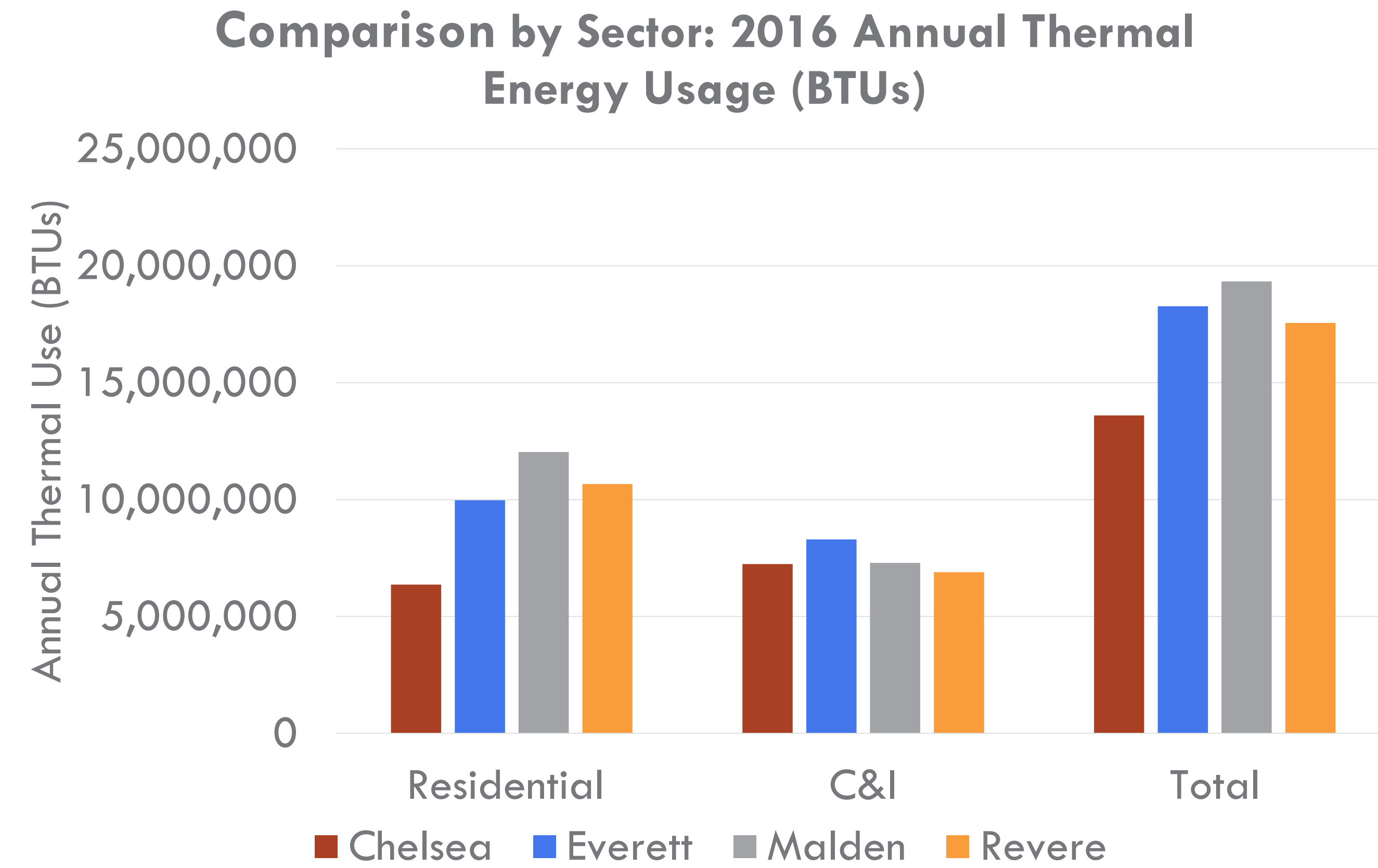
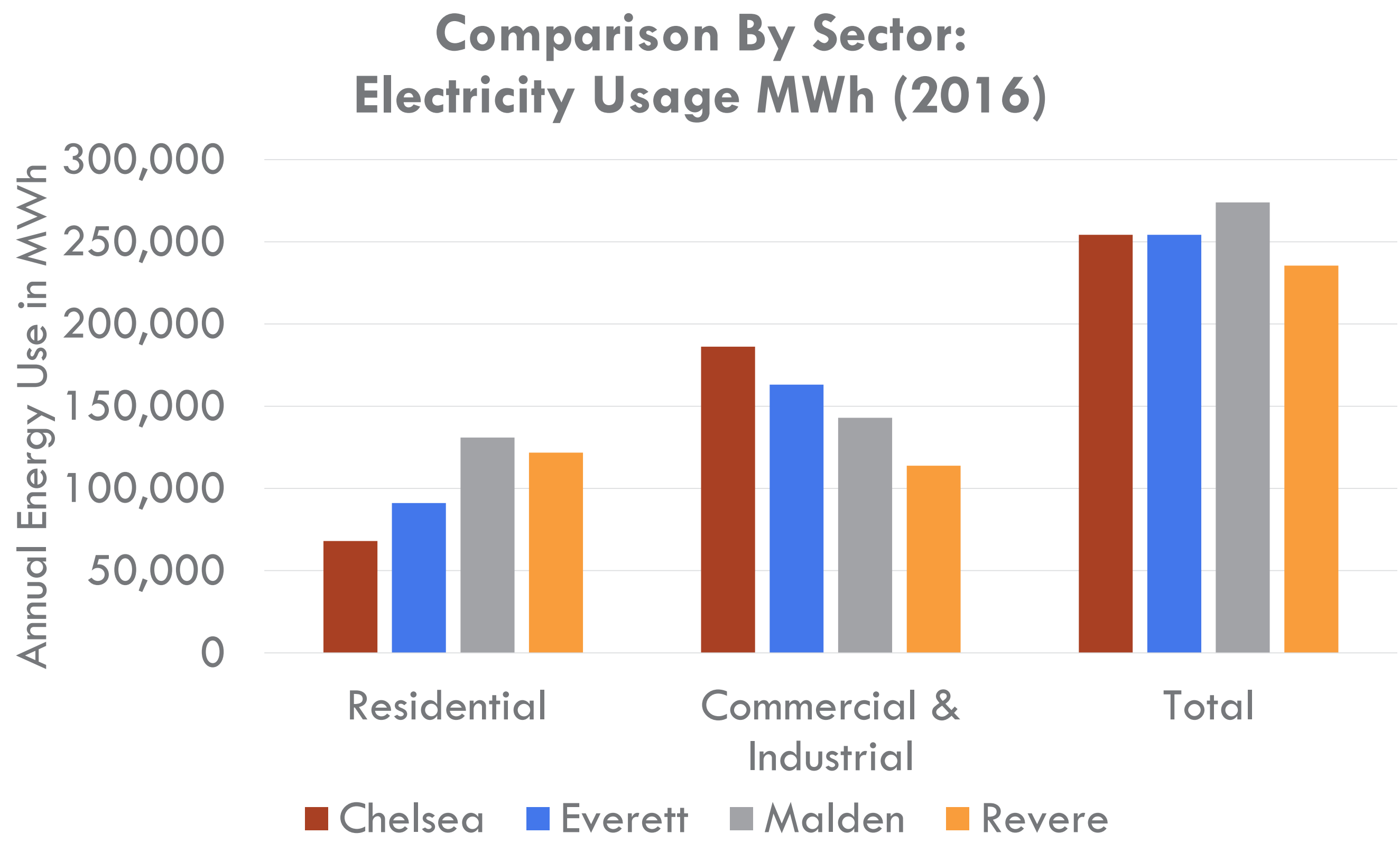


Image Source: Project Sunroof data explorer (May 2018)

The above map from Google Sunroof shows the solar potential of existing rooftops, the lighter orange and yellow areas show the greatest potential for solar electricity, where the deep red indicates shady roofs that may not be viable for solar.

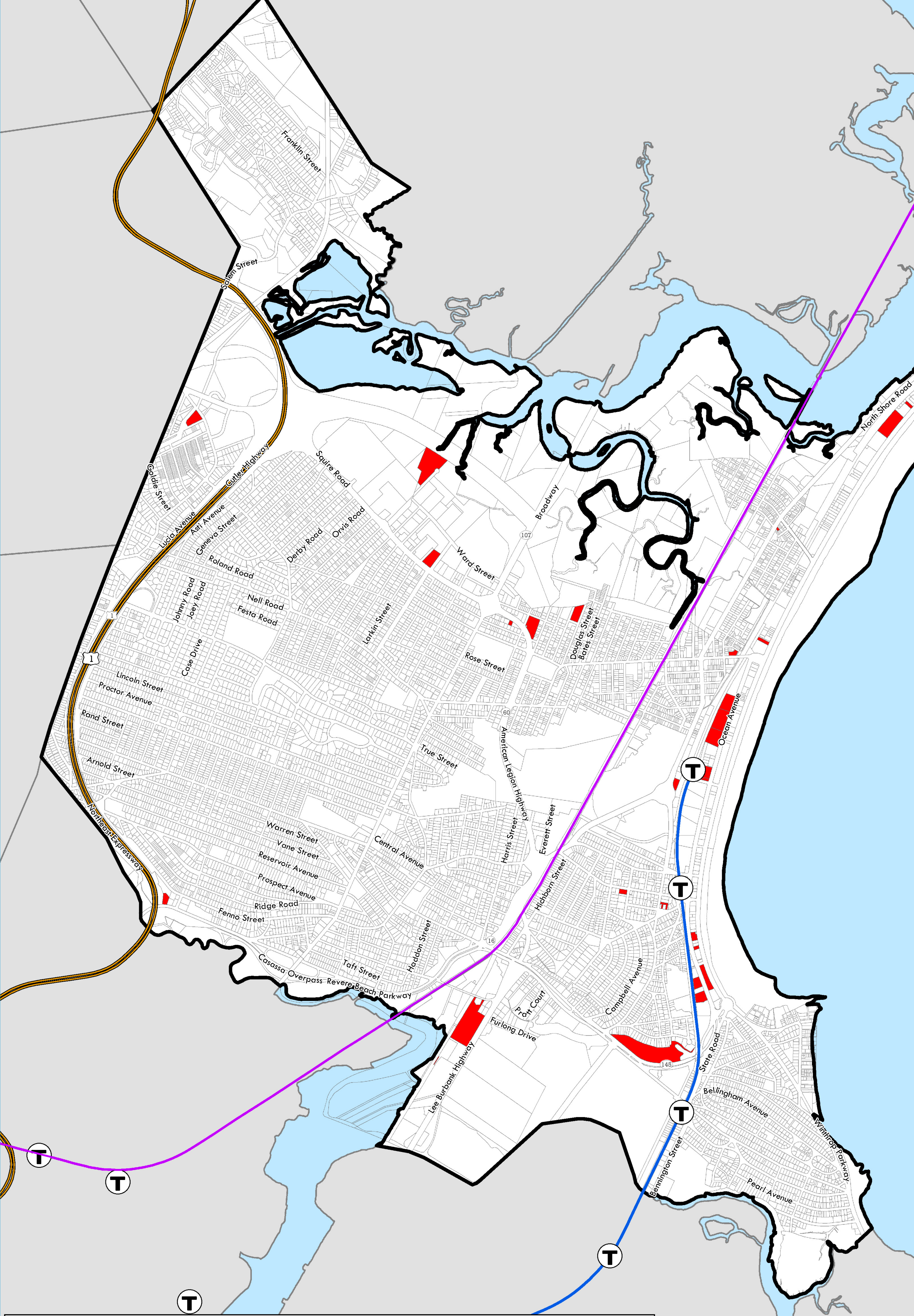
ENERGY USE COMPARED TO NEIGHBORING COMMUNITIES

The following graphs show a comparison between Revere and several neighboring communities with similar population sizes (Lynn was not included due to a greater difference in population). The graphs show a slightly higher energy use in residential sector, slightly lower in commercial & industrial, and about parity with neighbors for total energy use.



Population estimates:
Chelsea: 40,227 Everett: 44,636 Malden: 61,264 Revere: 53,864

Development Projects Recently Completed & Permitted or In-Construction as of January 2019



CITY OF REVERE				
Development Projects Coming Recently Completed & Permitted or In-Construction a/o January 2019				
Project Name	Project Address	Project Description	# of Units	Estimated Occupancy
COMPLETED/NEAR COMPLETION				
Ocean 650	650 Ocean Avenue	Apartment	230	2016
Hampton Inn	230 Lee Burbank Highway	Hotel	37	2016
Washington 770	770 Washington Avenue	Condominiums	20	2017
Eastern Equity Partners	17 Dehon Street	Micro-Units	8	2018
Beach House	526 Revere Beach Boulevard	Apartments	234	2017
EBNHC/PACE Program	10 Garafalo Street	Care/Non-Profit		2018
Subtotal Recently Completed/Near Completion			529	
PERMITTED/IN-CONSTRUCTION				
Gate Residential	205 Revere Beach Boulevard	Apartment	195	2019
XSS Hotels: Holiday Inn/Staybridge Suites	205 Revere Beach Boulevard	Hotel	152	2020
Gate Residential	30 Ocean Avenue	Apartment	77	2020
Gate Residential	20 Revere Beach Boulevard	Apartment	123	2021
Gansett Ventures	90 Ocean Avenue	Apartments	75	2021
500 Ocean Avenue: Parcel 4	500 Ocean Avenue	Apartments	305	2020
Lixi Hotel Group: Parcel 6	400 Ocean Avenue	Hotel	172	2021
Belfonti: D'Amico Parcel	646 Ocean Avenue	Apartments	200	2021
Post Road Development: Parcel 2	655 Ocean Avenue?	Apartments	175	2022
JBX Wyndham Hotel	49 Revere Beach Boulevard	Hotel	175	2021
Zeng: Great Western Hotel	58 Revere Beach Boulevard	Hotel	168	2022
NRP Development	320 Revere Beach Boulevard	Apartments	145	2021
GFC Development	549 Revere Beach Boulevard	Condominiums	45	2022
The Cove	571 Revere Street	Affordable Apartments	52	2021
Avid Hotel	405 American Legion Highway	Hotel	100	2021
LaQuinta Hotel	125 Squire Road	Hotel	100	2022
Massey Development	9 Dehon Street	Micro-Units	8	2020
Nakashian				
Bothers/Synagogue Site	43 Nahant Avenue	Micro-Units	29	2019
Nakashian Brothers	850 North Shore Road	Condominiums	18	2021
Eastern Equity Partners	1330 North Shore Road	Apartments	15	2019
Wakefield Associates	American Legion Highway (428?)	Apartments	29	2021
Plaza Garabaldi	1141 Revere Beach Parkway	Car Wash/Store		2020
Caruso Self-Storage	320 Charger Street	Storage		2020
Subtotal Permitted/In-Construction			2,358	
RECENTLY COMPLETED & IN-PROCESS*			2,887	
* Does Not Include Suffolk Downs and Other Projects Still in the Proposal/Planning Stages		** 752 Hotel Rooms and 2,135 Residences		
Total of 30 Projects: 8 Hotels, 14 Residential, 1 Medical, 2 Commercial				

Legend

T

Stations

Newbury / Rockport Commuter Line

Blue Line

Major Roads

Development Projects Recently Completed & Permitted or In-Construction as of January 2019

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

Produced by: Metropolitan Area Planning Council

Data Sources: MassGIS, Massachusetts Land Parcel Database

April 2019

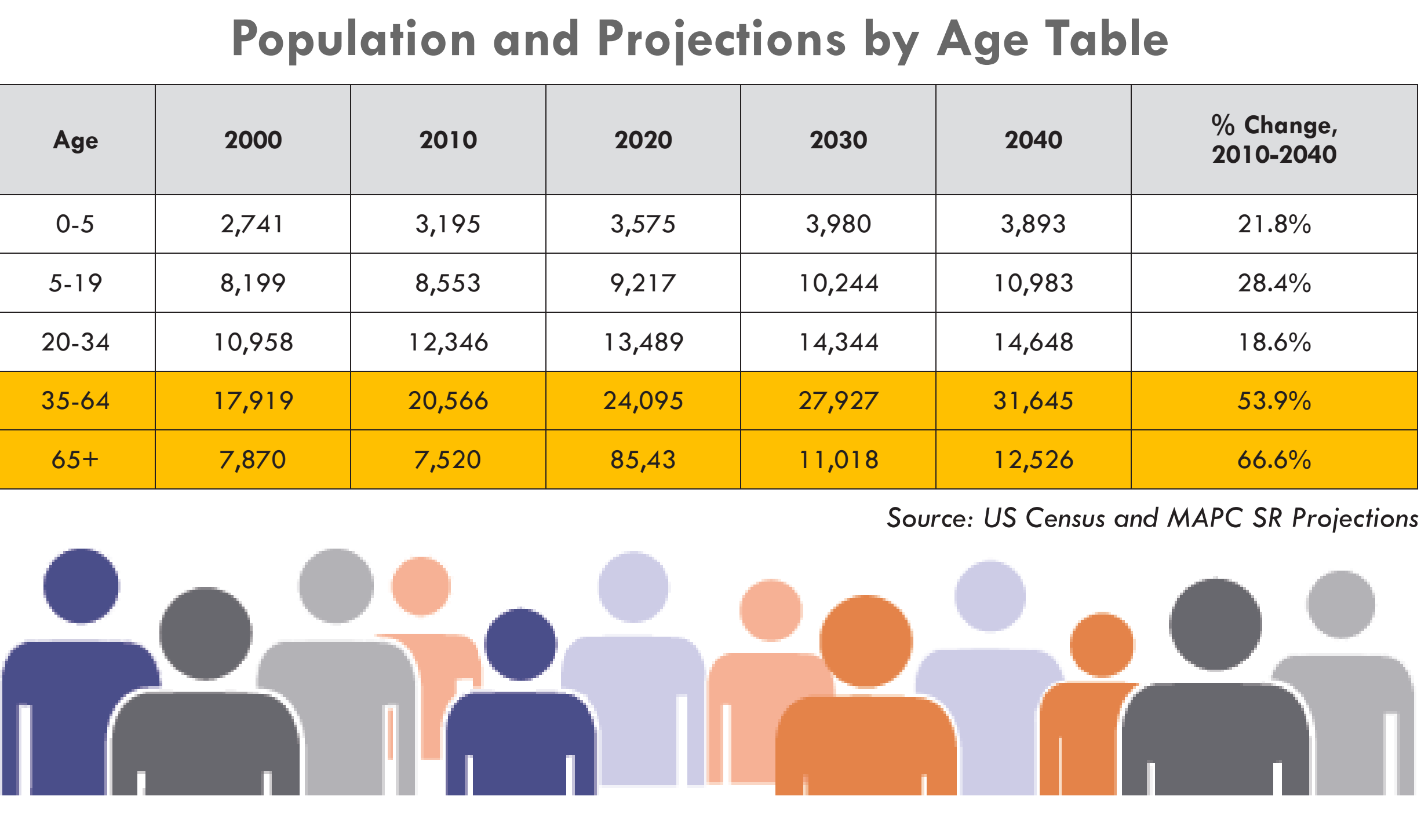
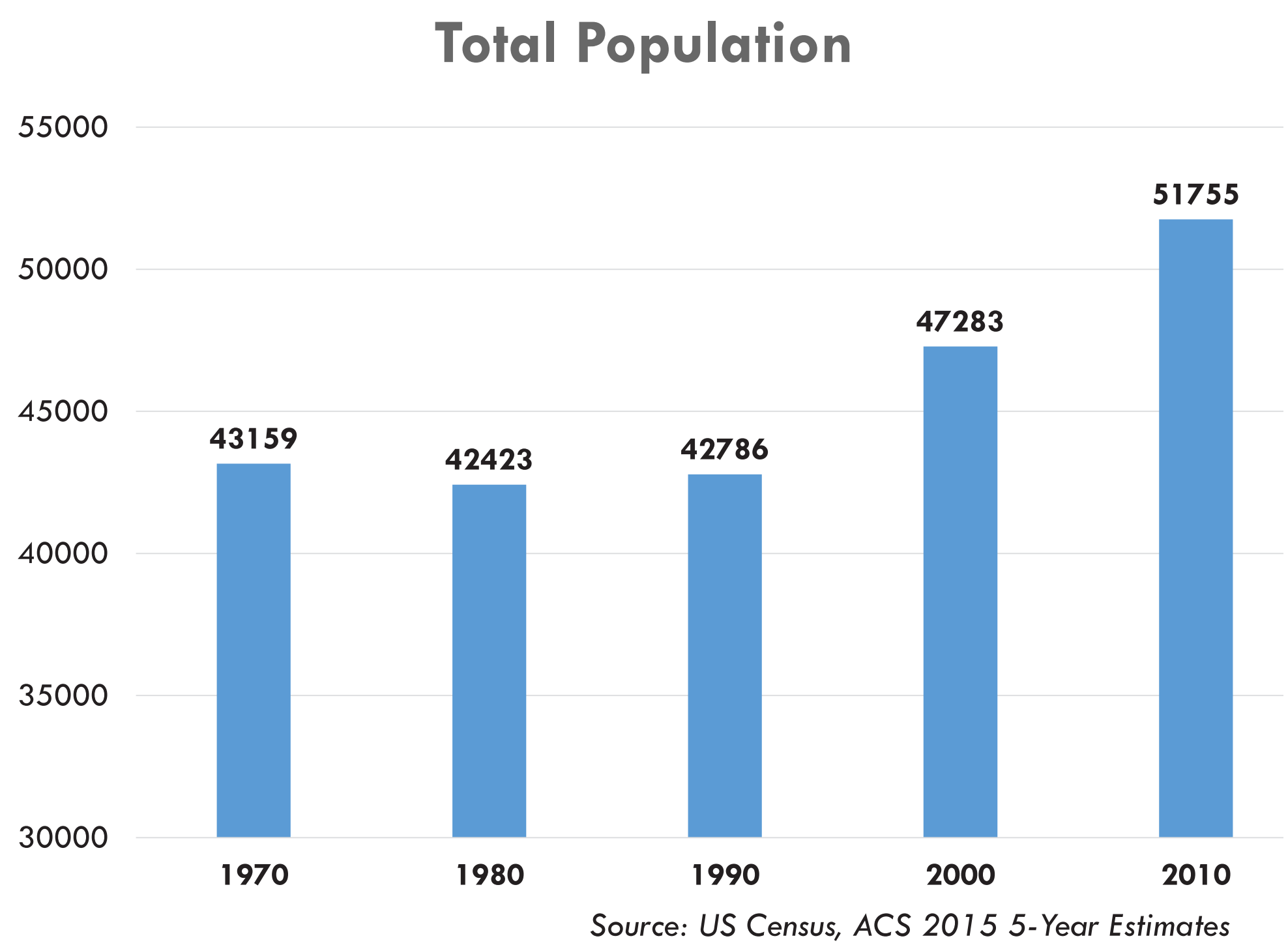
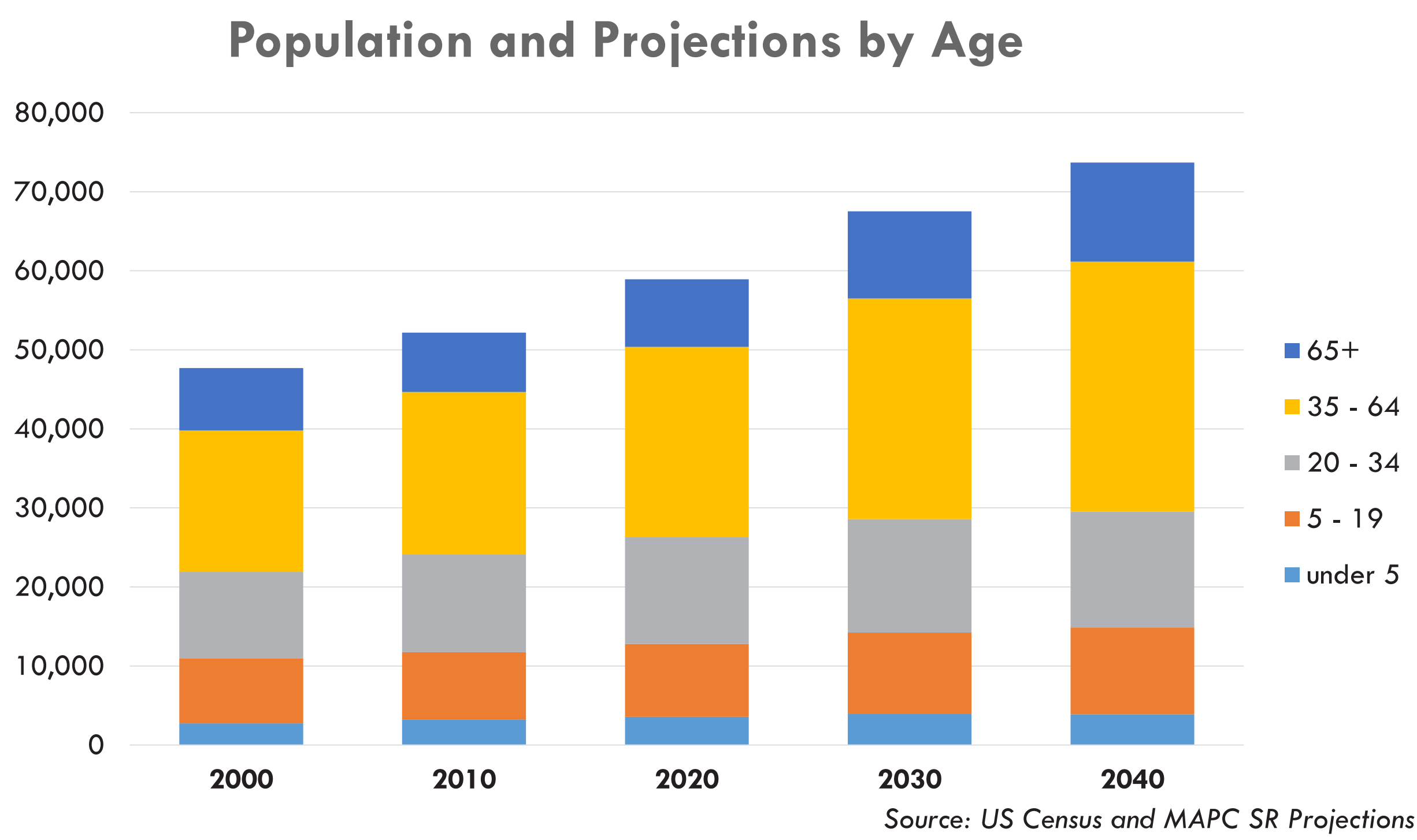
0

0.275

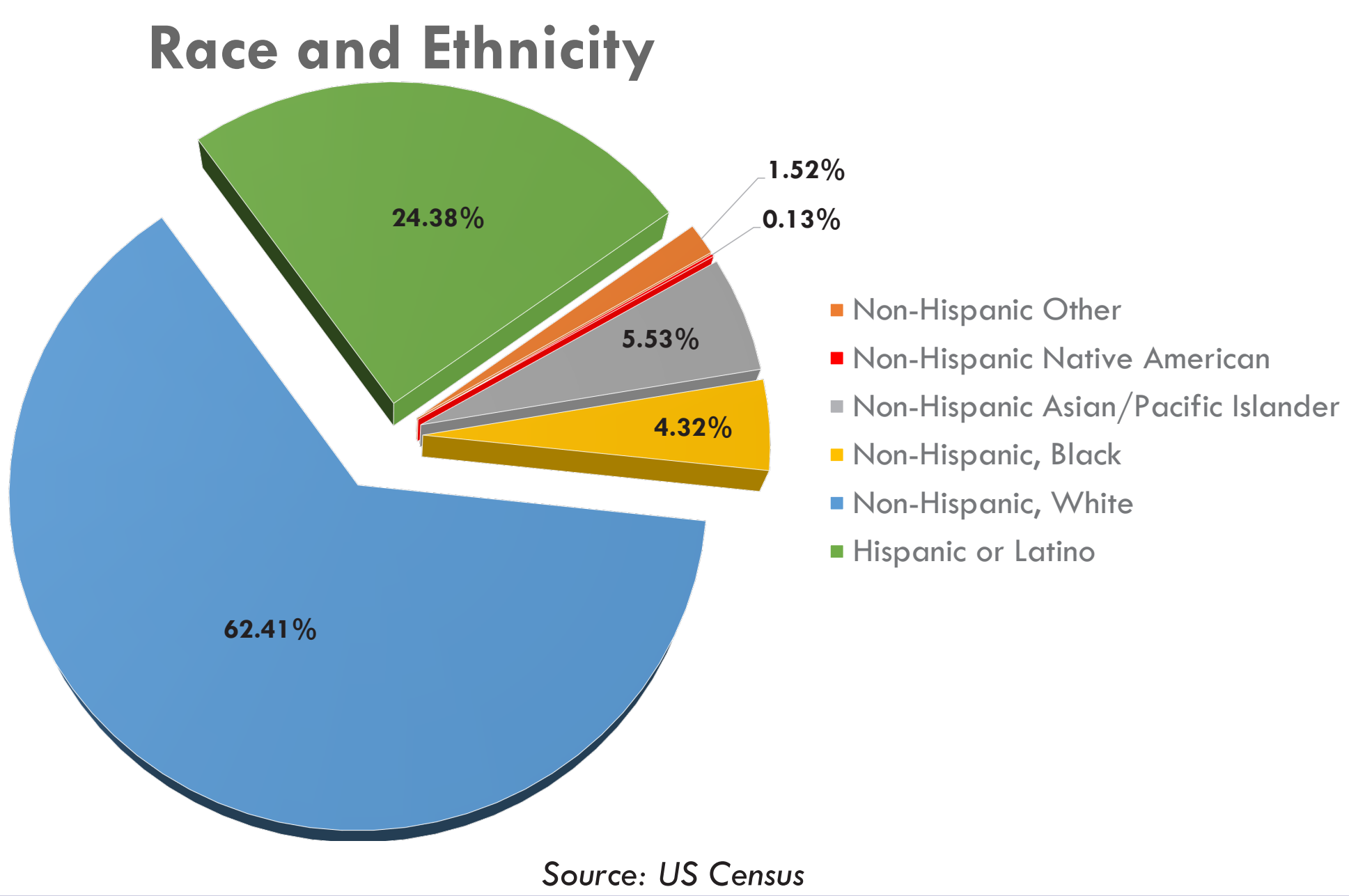
0.55

1.1 Miles

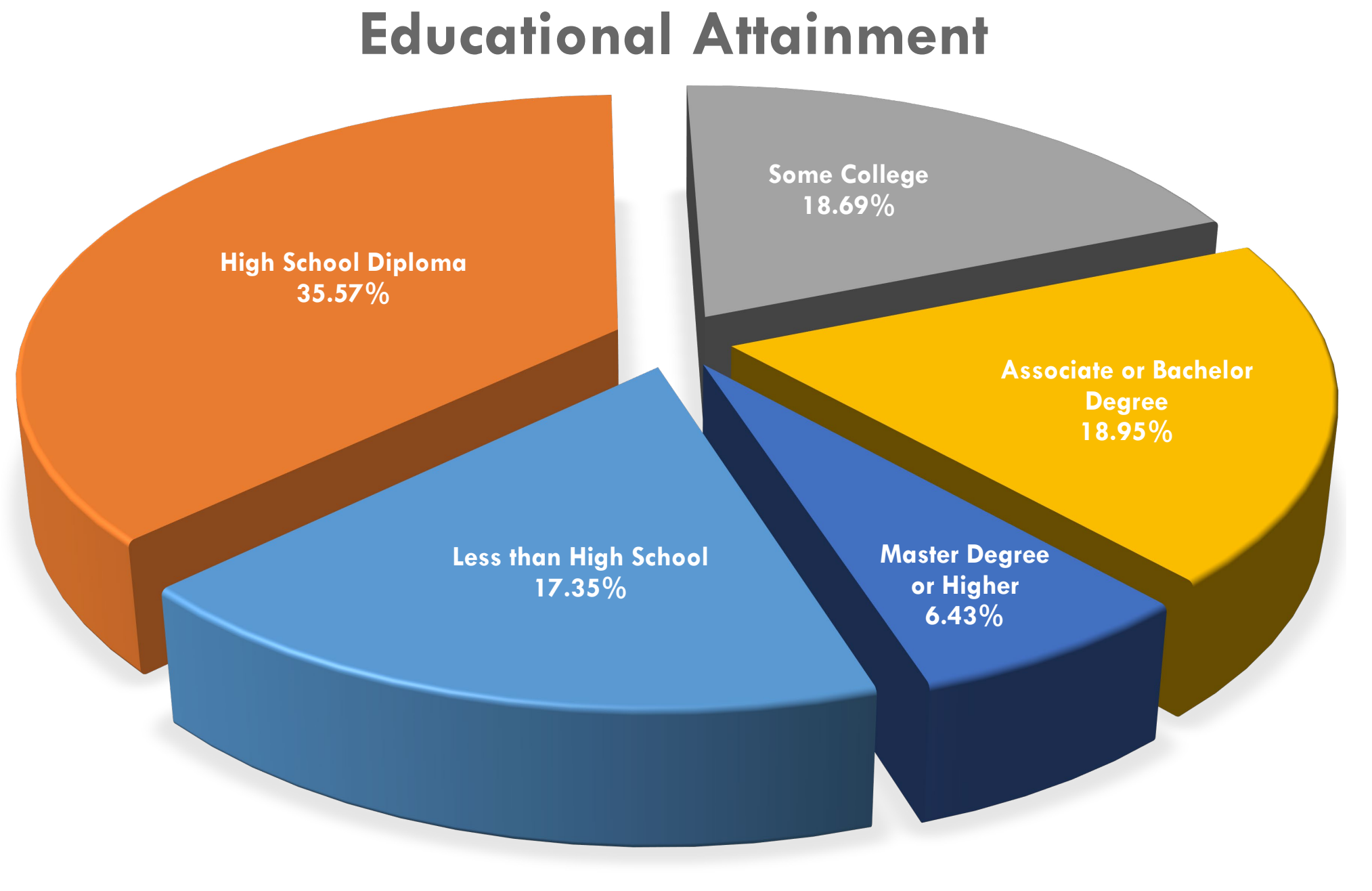
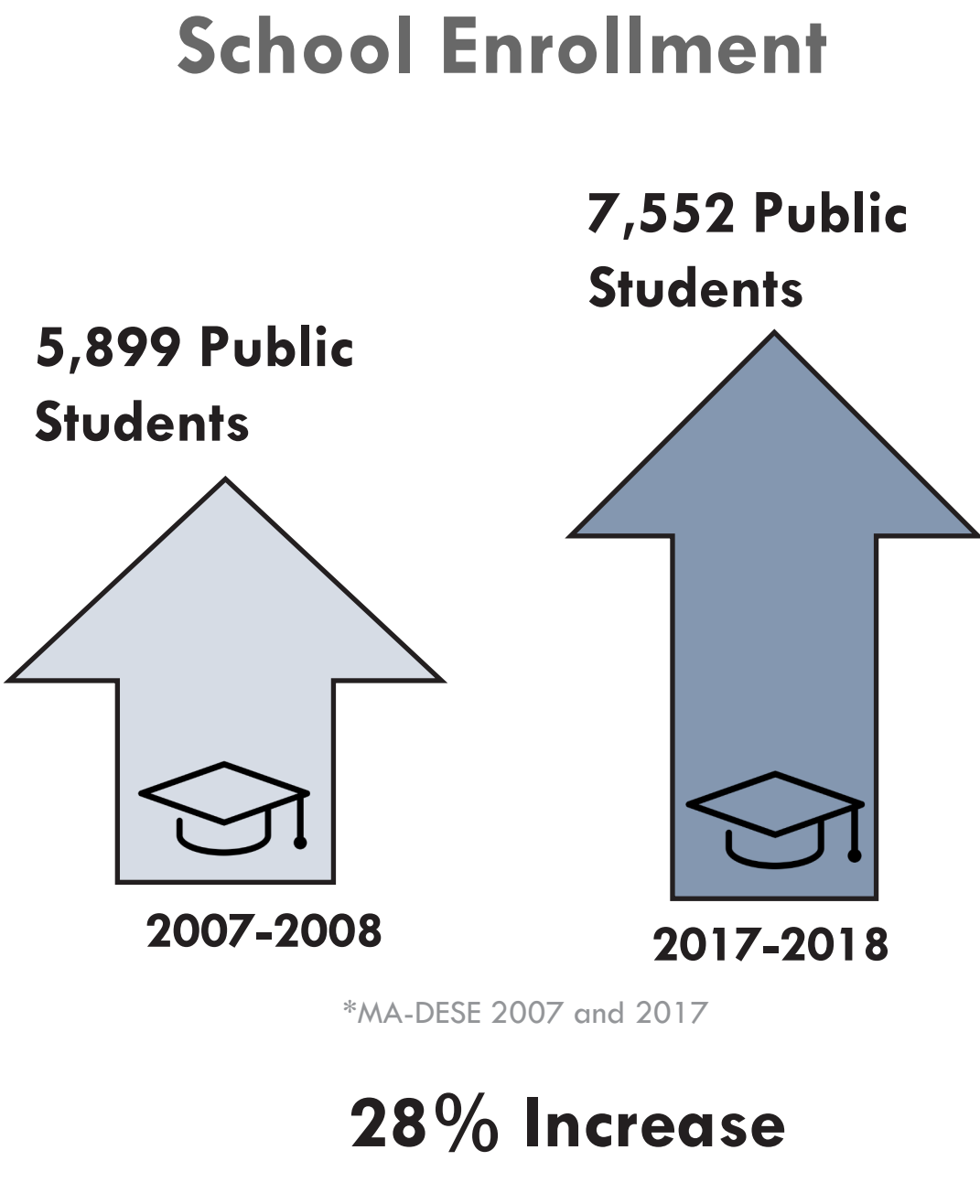
POPULATION CHARACTERISTICS



DEMOGRAPHIC CHARACTERISTICS

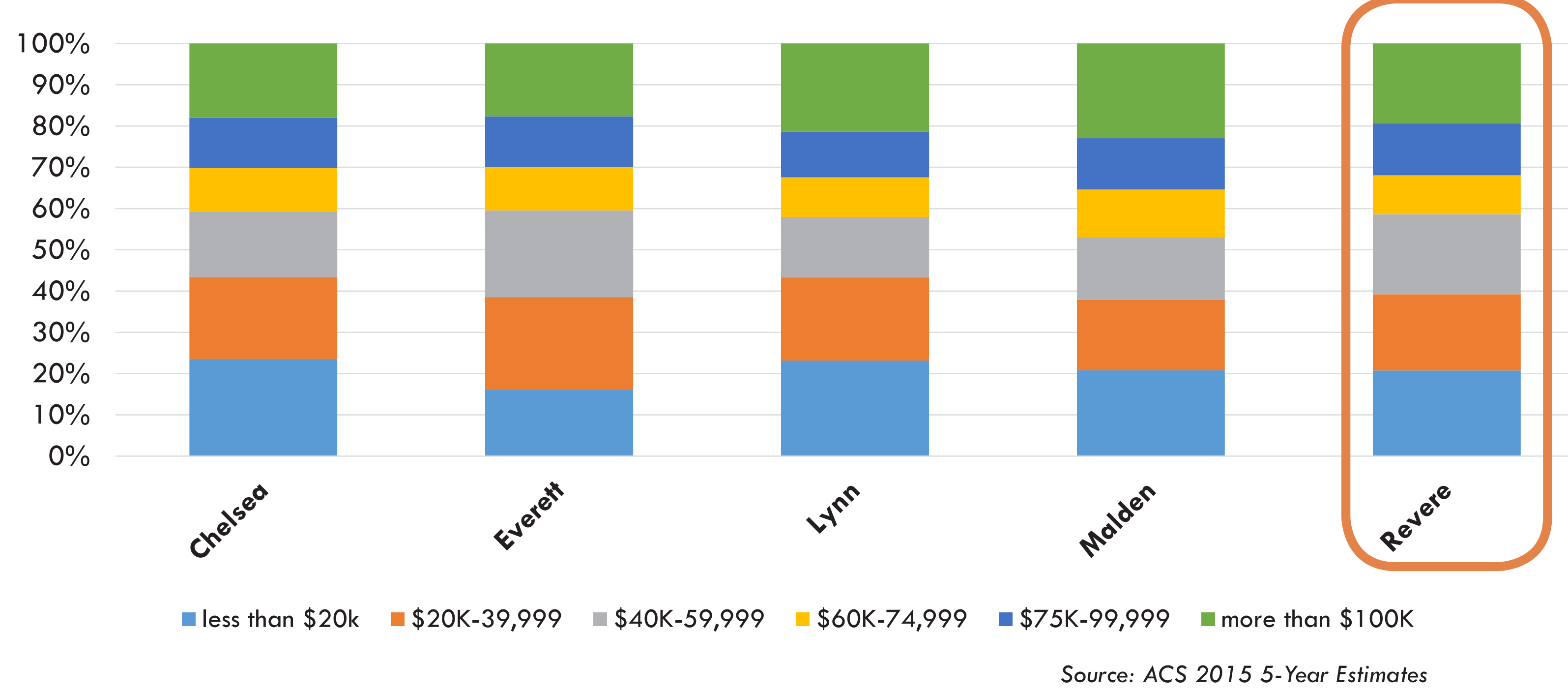


EDUCATION

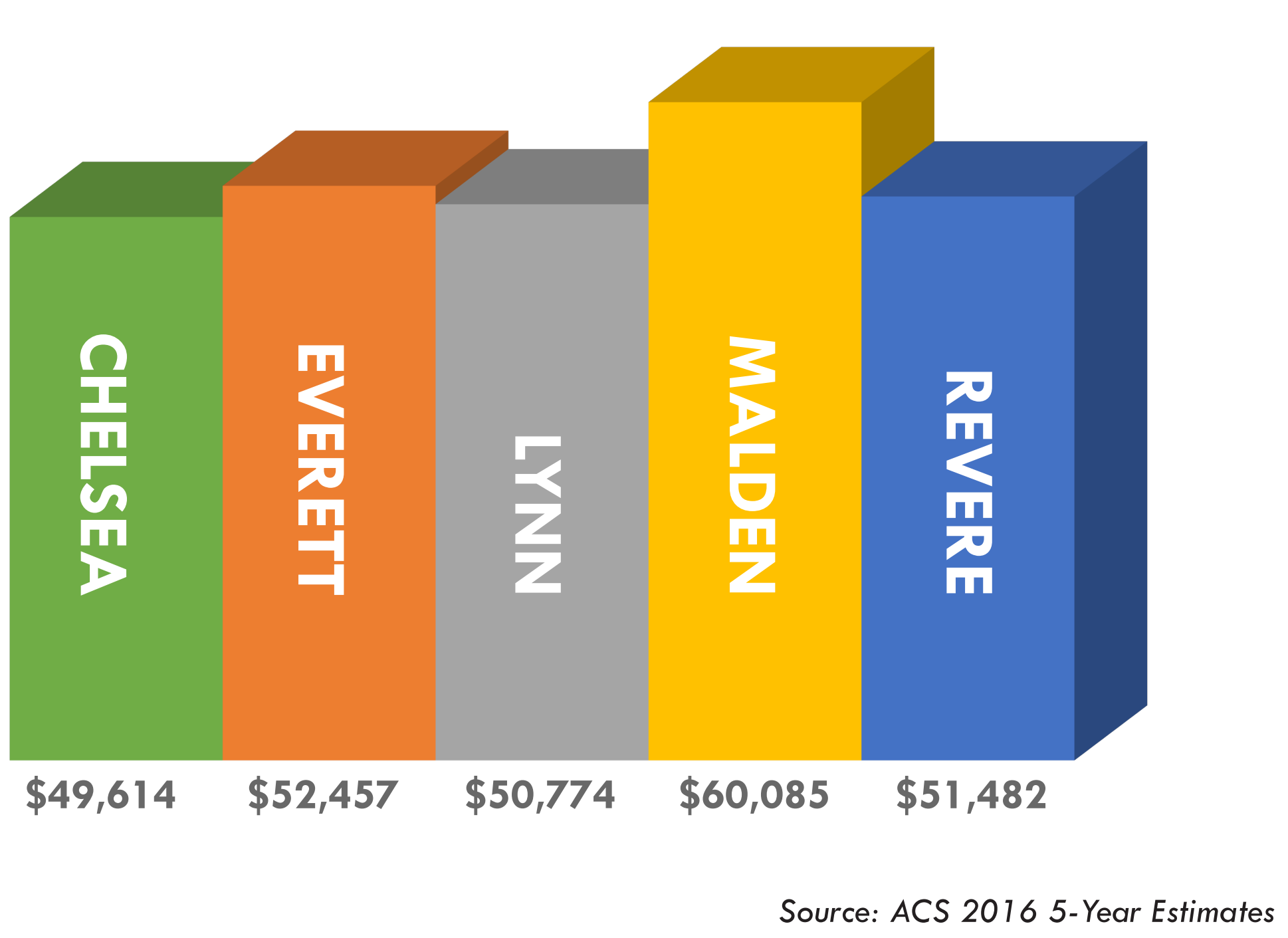


HOUSEHOLD INCOME

Household Income Distribution, Revere and Surrounding Communities



Median Household Income

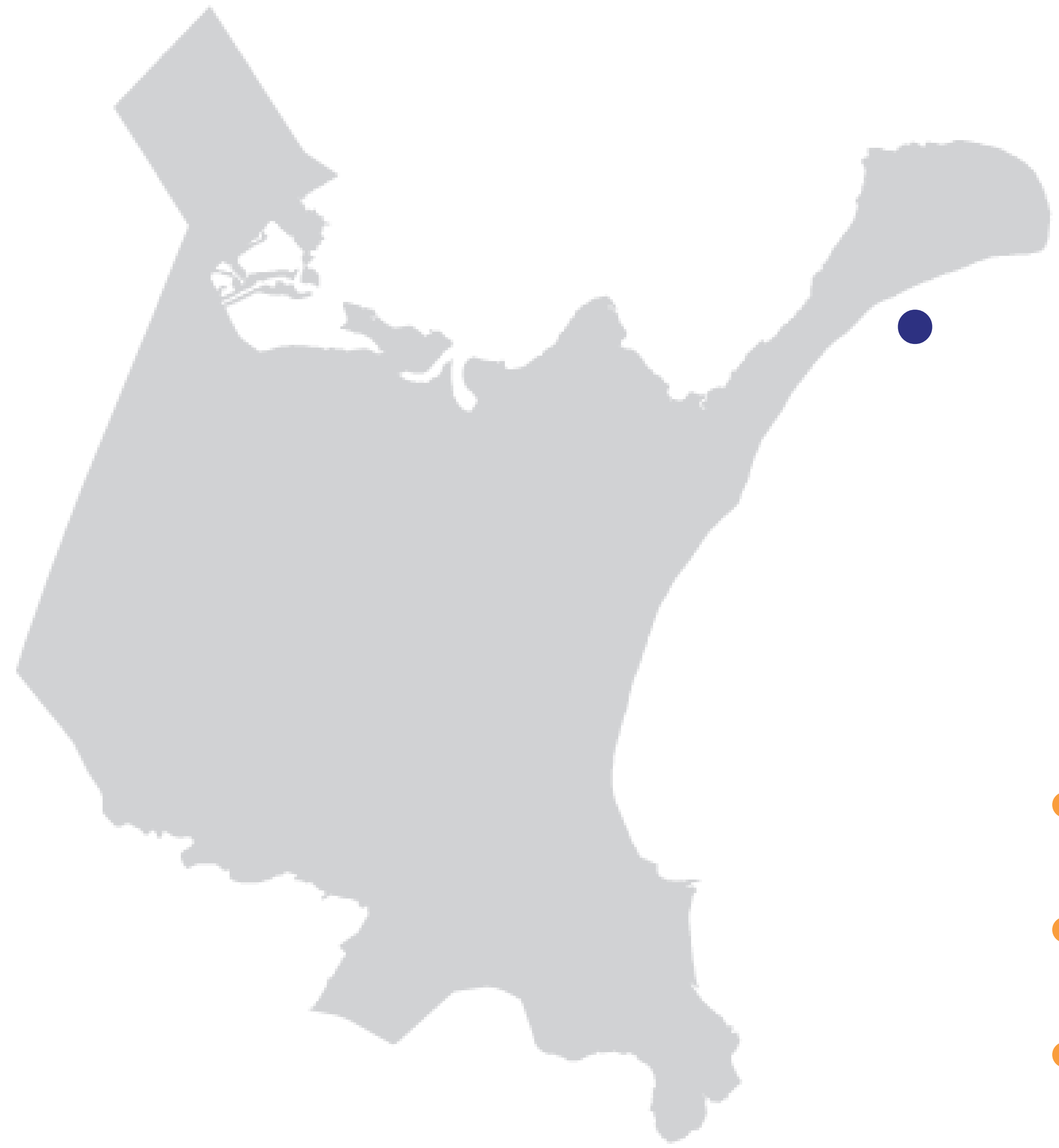


HOUSING



OPEN SPACE & RECREATION

City Initiatives



- **Several projects from the 2018 OSRP 7 year action plan are moving ahead:**
 - **Gibson Park**
 - **Curtis Park**
 - **Costa Park**
 - **The Northern Strand Community Trail connecting to Harmon Park in North Revere**
- **Garfield School Community Center**
- **Expanded Programming at the Recreation Department**

GARFIELD SCHOOL COMMUNITY CENTER



The Recreation Department is launching a pilot to use the Garfield School as a citywide community center.

What programs would you like to see here?

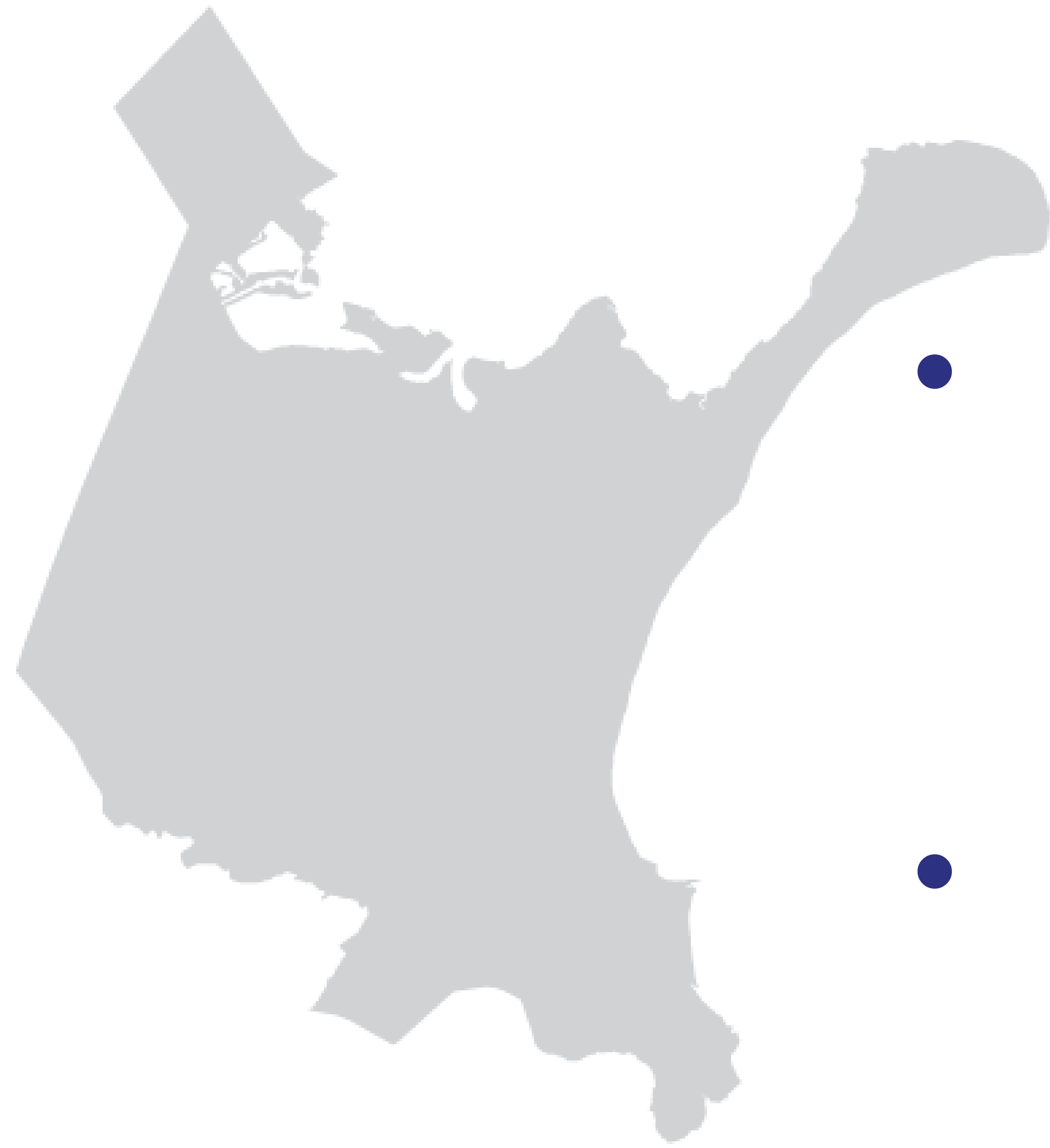
PUBLIC HEALTH

City Initiatives



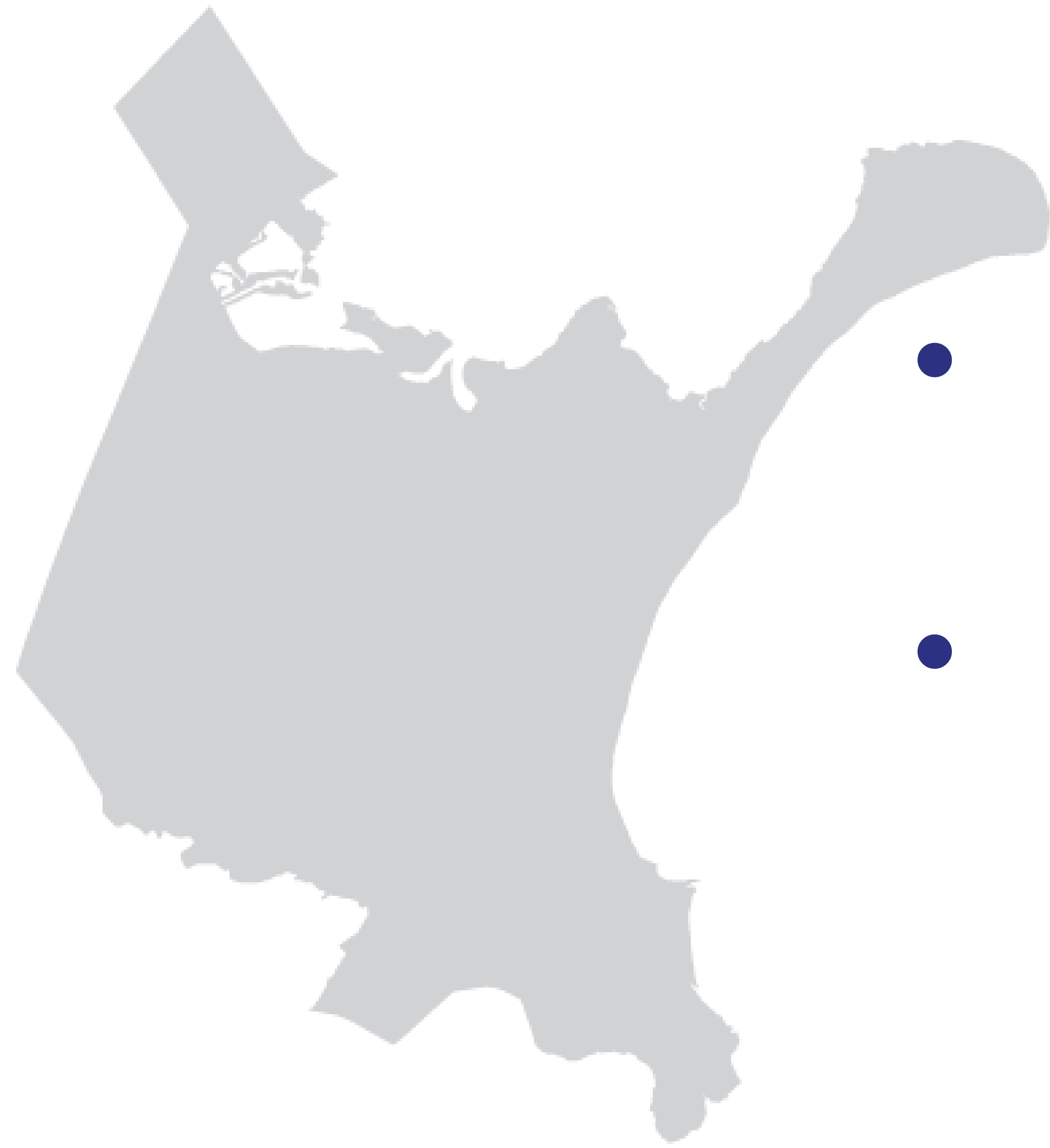
- **MAPC Pocket Park Study**
 - The City is working with MAPC to see whether temporary parks could be created on vacant City-owned land.
- **Integrated Community Health Needs Assessment**
 - North Suffolk Public Health Collaborative study of several communities
- **Food Access Initiatives**
 - Healthy Community Initiatives is working on expanding access to healthy, affordable food

ENERGY & CLIMATE City Initiatives



- **Municipal Vulnerability Preparedness program (spring 2019)**
- **Tree Initiatives include Greening the Gateway Cities and Tree City USA**
- **City Council approved ban on single-use plastic bags and launched textile recycling program (2019)**
- **Beautify Revere event**

TRANSPORTATION City Initiatives

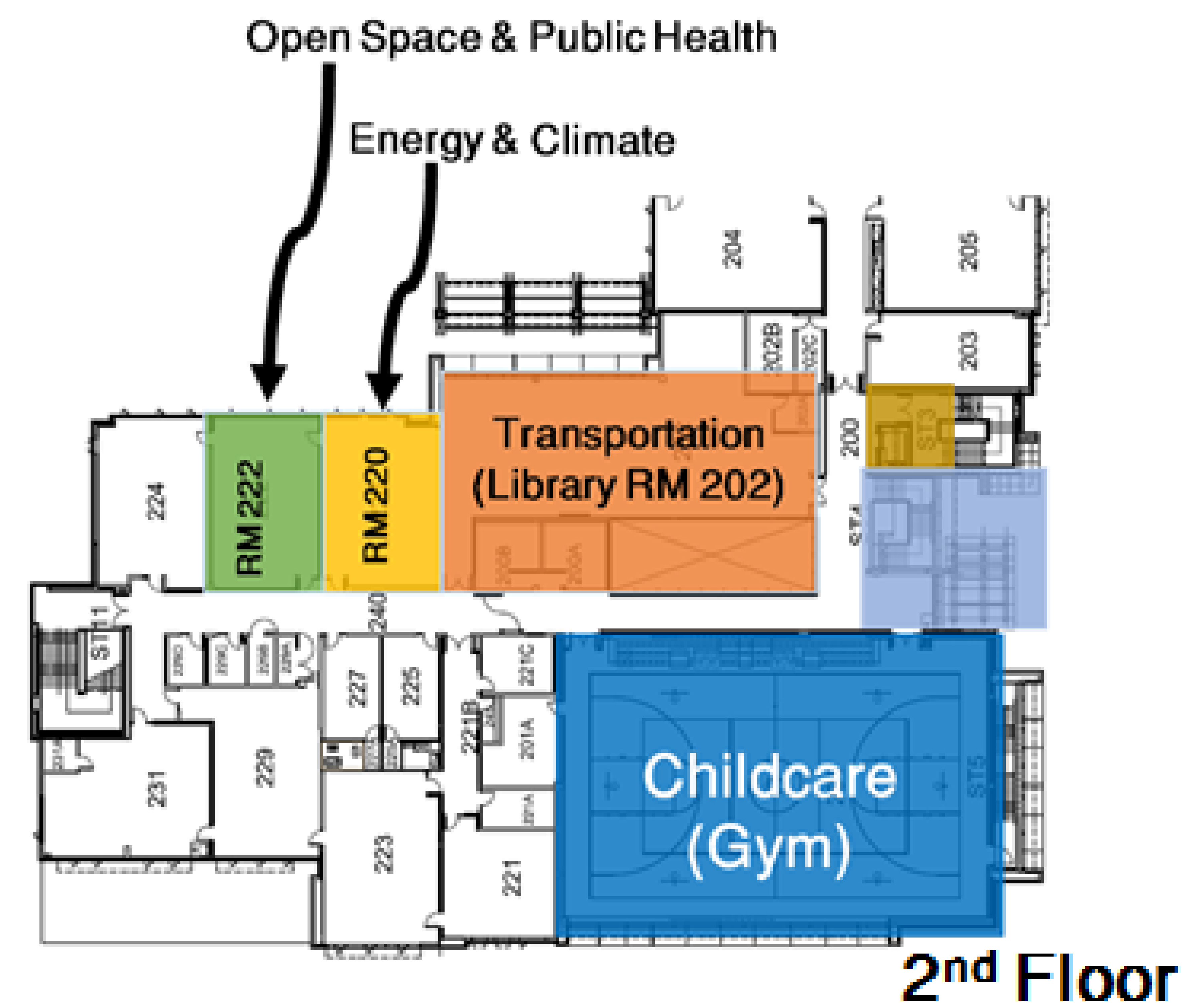
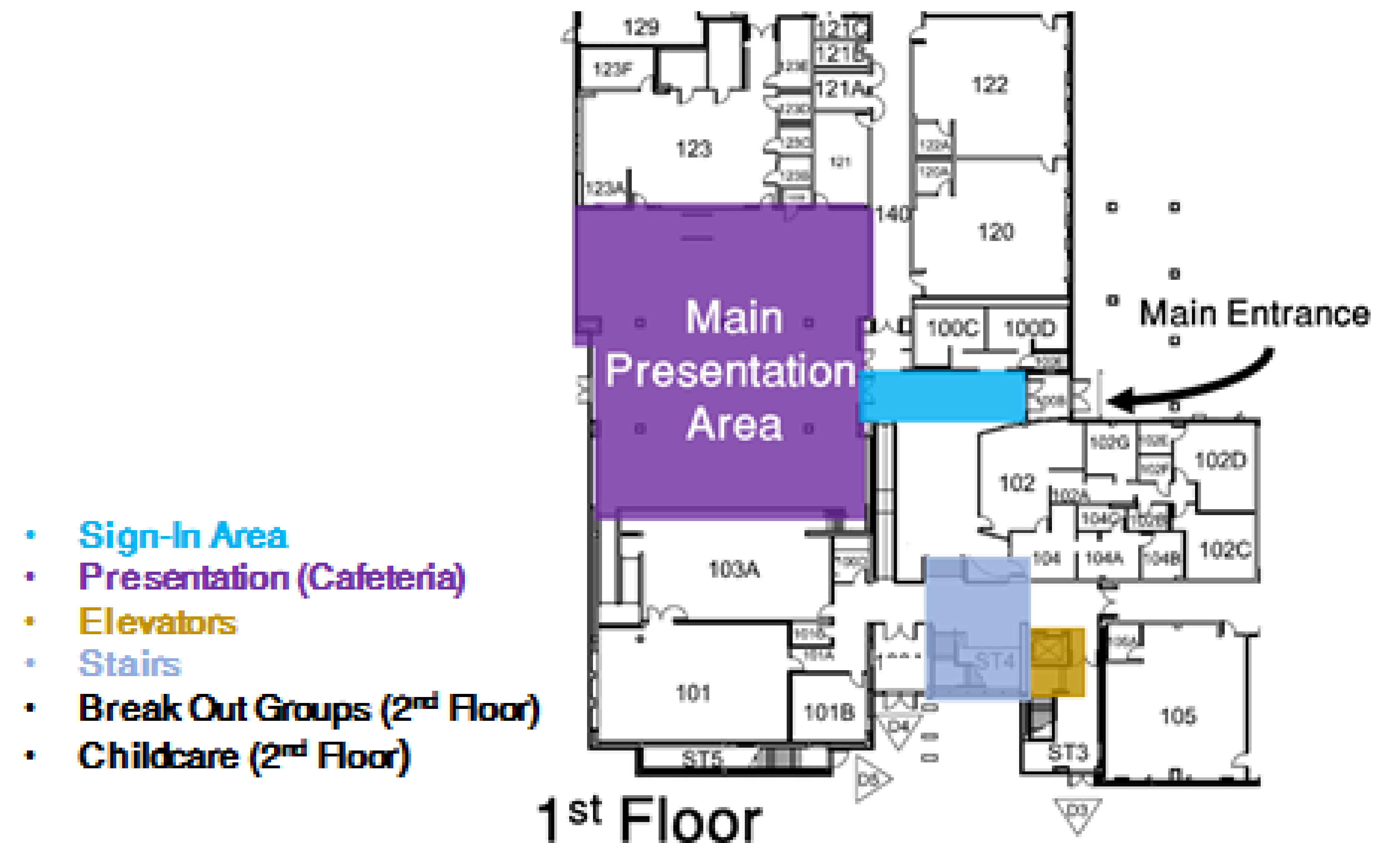


- **Complete Streets Planning**
- **Traffic studies & analysis**
 - The City is working with neighboring municipalities and private developers to study traffic impacts of new roads and developments
- **Pedestrianization**
 - The City is leading efforts with key partners to improve public safety and the pedestrian environment

AGENDA

- 5:30 Sign-In/Open House**
- 6:10 Welcome**
- 6:15 Presentation**
- 6:45 Break Out Groups**
- 7:30 Debrief & Group Sharing**
- 8:00 Closing**

Event Map (Hill School)



FEEDBACK FROM JANUARY 15TH KICK-OFF: OPEN SPACE & RECREATION

General Feedback

- Different recreation services are needed for different age groups and populations
 - Especially the elderly and younger children
- Overall, need for more green spaces.
- We need a YMCA/community center.



FEEDBACK FROM JANUARY 15TH KICK-OFF: PUBLIC HEALTH

Assets

- Neighborhood walkability
- Accessibility of beach
- Healthy food access
- Transit access
- Bike and walking trails

Concerns

- Unsafe streets for pedestrians
- Traffic-related air and noise pollution
- No indoor recreation facility or pool
- Limited places for young people
- Limited green space + vegetation
- Marijuana
- Domestic violence



FEEDBACK FROM JANUARY 15TH KICK-OFF: ENERGY & CLIMATE

- Need for more open space, green space, and street trees
- People are already experiencing flooding in certain areas
- People were surprised to see how much of the city is impacted by heat waves and extreme heat
- Need for tools to address climate change (both reducing carbon pollution and increase resilience)
- Need to improve recycling program and address litter



FEEDBACK FROM JANUARY 15TH KICK-OFF: TRANSPORTATION

General Feedback

- Importance of access to open space, waterfront
- Economic development: untapped potential in making Revere more walkable → more access to businesses
- Traffic
 - Concern about traffic generated by new housing development, particularly the larger waterfront developments
- Pedestrian safety
 - A major concern, especially following death of 2 young children
 - Need for pedestrian bridges. Concern re: commuters and others using Revere as a cut-through.
 - Bell Circle and the rotaries. Concerns re: students dropping out because of transit issues at Bell Circle.
- Potential Bike Revere, bike group



Safe = ● Unsafe = ●