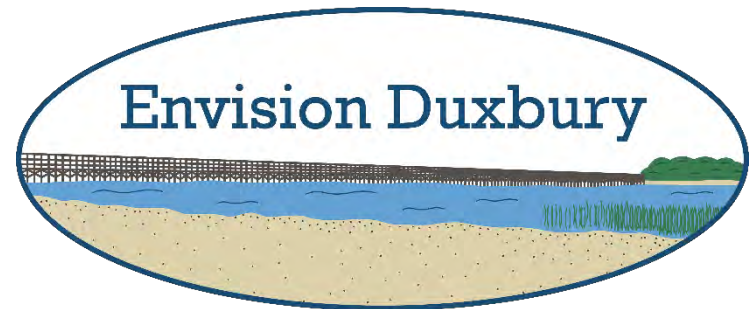


ENVISION DUXBURY

Community Forum
October 24, 2018



Welcome and Introductions

- Planning Board
- Town Planning Department
- Metropolitan Area Planning Council



Community Forum – October 24th, 2018



Tonight's Meeting

- Master Plan Overview
- Phase 2 Existing Conditions
 - Economic Development
 - Transportation and Circulation
 - Municipal Facilities and Services
 - Sustainability – Energy
 - Sustainability – Climate
- Open House Feedback



Meeting Purpose and Goals

- Provide a Master Plan update
- Present initial findings for Phase 2 Elements
- Share Phase 1 Draft Elements
- Invite your feedback to help define goals and priorities



The Master Plan: Overview



What is a Master Plan?

*A master plan is a **strategic framework** that guides the future **physical and economic development** of a town or city based on the **community's vision and goals**.*

It is your plan, your vision and your goals.

The Master Plan provides the Town with:

- A vision for its future
- Goals and strategies to capitalize on opportunities
- An action plan for shaping positive change

What will be in the Master Plan?

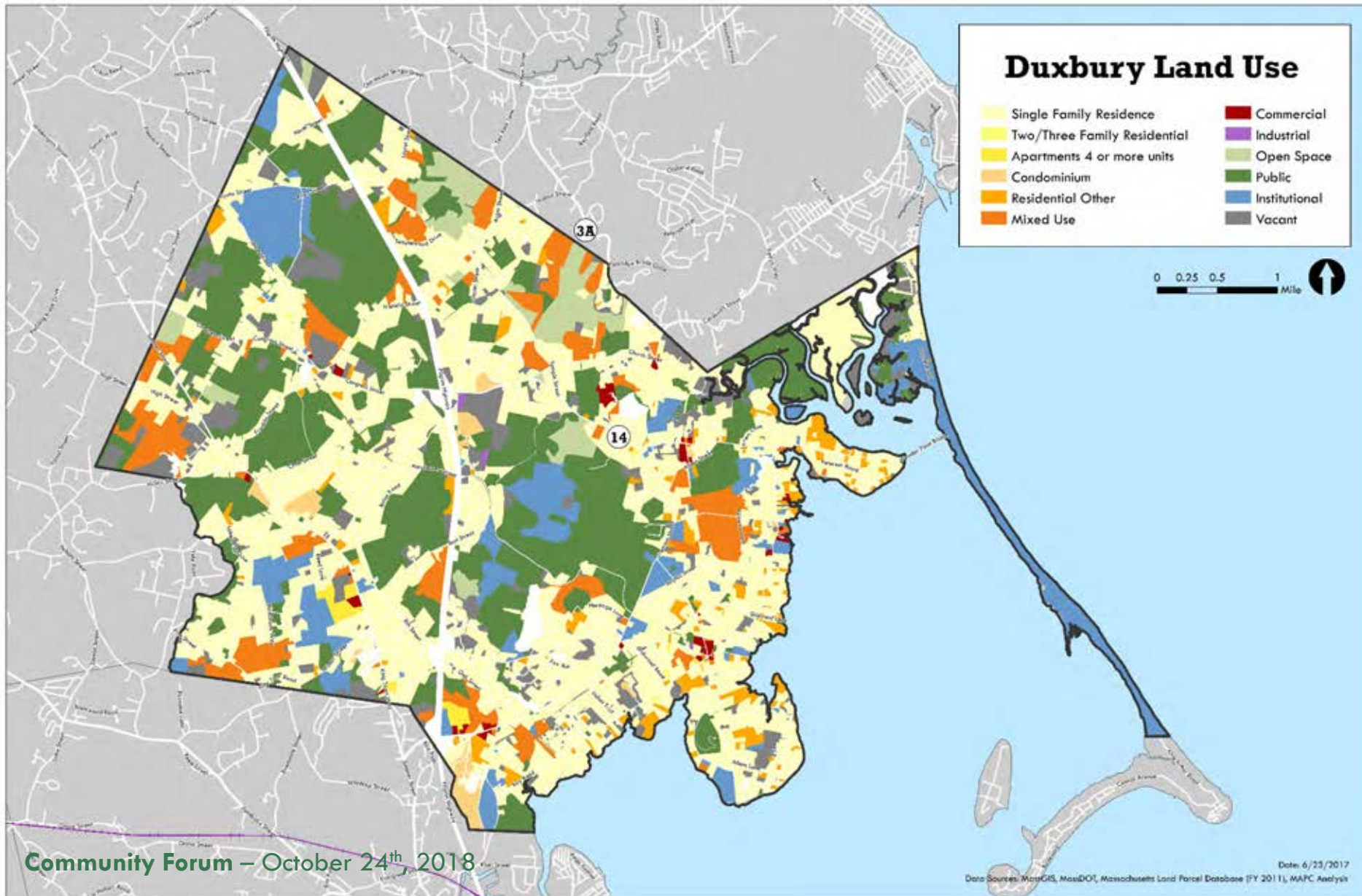
MASTER PLAN ELEMENTS

- Duxbury Today
- Vision
- Housing
- Historic & Cultural Resources
- Open Space

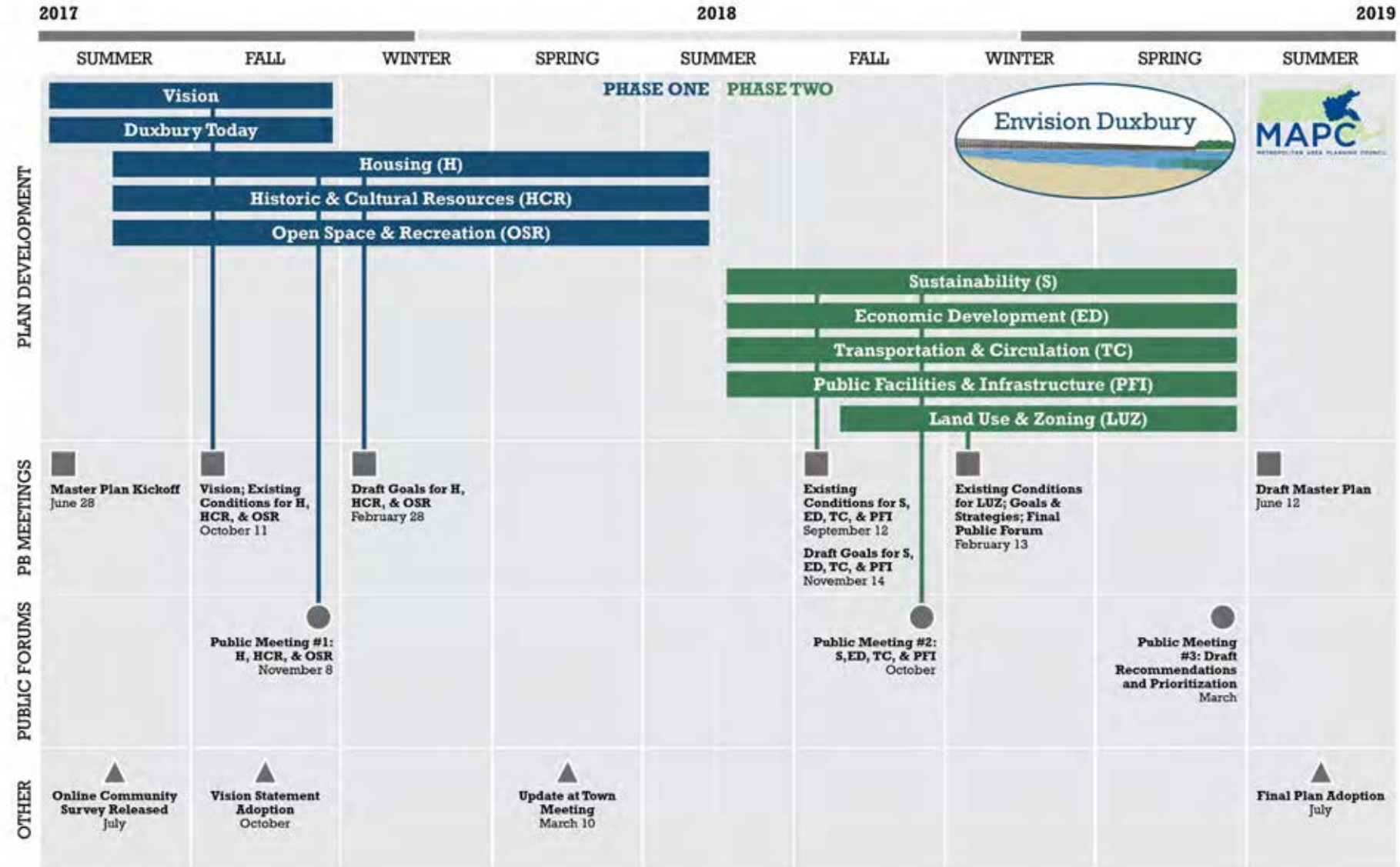
PHASE 2

- Economic Development
- Transportation and Circulation
- Public Facilities and Services
- Sustainability
(Climate and Energy)
- Land Use and Zoning
- Implementation

Where does the Master Plan apply?



What is the Master Plan schedule?



Community Forum – October 24th, 2018

Community Process



Online Survey

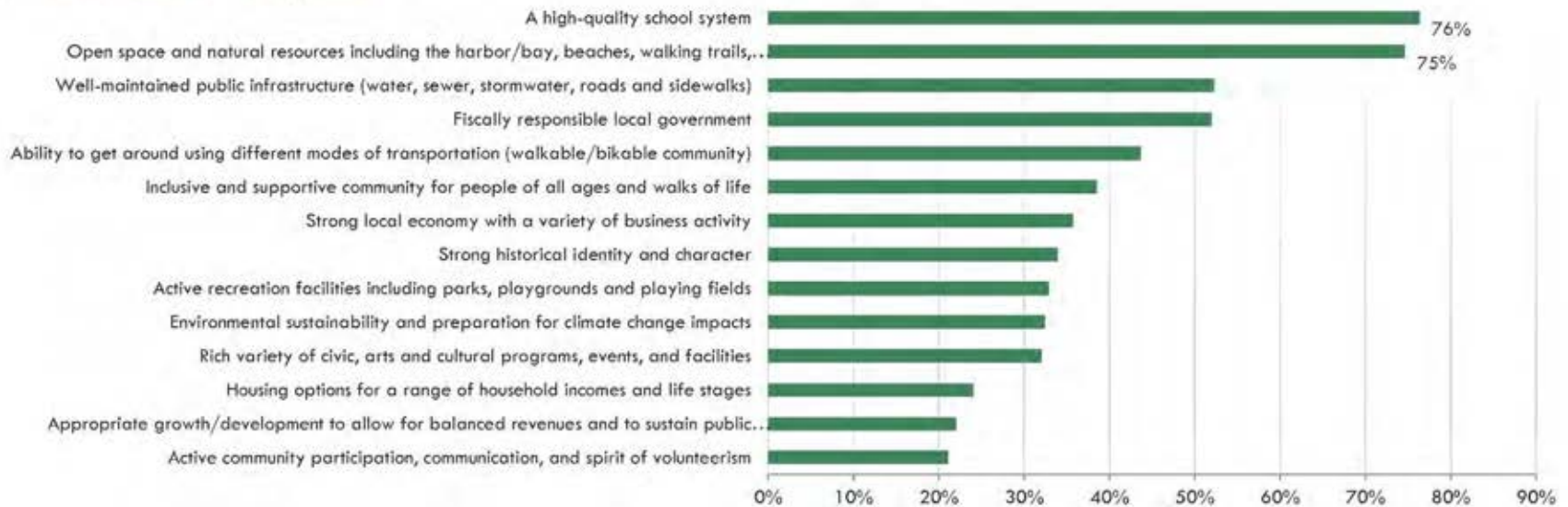
Results Informing Master Plan

- Over 1,200 responses!

SURVEY QUESTION 1.

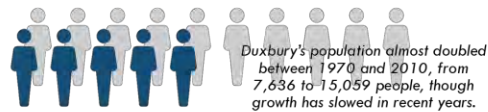
Which of these community values are most important to you?

Results from the 1,226 responses to this survey question.

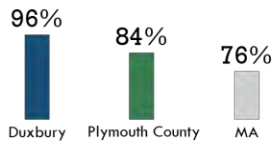


Phase 1 Elements Duxbury Today

population trends



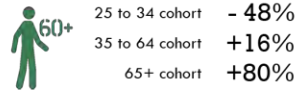
Percentage of Non-Hispanic White population:



Duxbury is less racially and ethnically diverse than the State and Plymouth County.

Sources: US Census, ACS 2015 5-Year Estimates

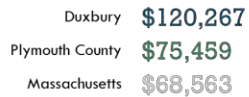
Population change from 1990 to 2015:



The town is aging as the population of older residents is growing. 62% of residents are older than 34, compared to 58% for Plymouth County and 55% for the State.

income and education

Median household income:



Almost 60% of Duxbury households earn more than \$100,000 annually, compared to 36% of County households and 34% of MA households.



Over half (51%) of Duxbury's population has an associates degree or higher, and is more educated than surrounding Plymouth County and the State, both at 34%.

Sources: US Census, ACS 2015 5-Year Estimates

\$138,938 \$44,063



Family Households



Non-Family Households

Duxbury's median family household income is more than three times higher than its median non-family household income.

business and labor force

Sources: ACS 2015 5-Year Estimates, MA EOLWD FY15

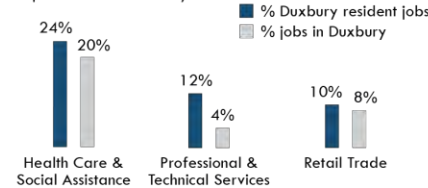
Duxbury residents in labor force: **7,787**



57% of residents employed in management or professional jobs

More than half of Duxbury's labor force (aged 16 and older) works in management or professional jobs, and another 23% works in sales or office occupations.

Top industries in Duxbury:



People who work in Duxbury: **2,987**

414 businesses in town



Some of the largest employers in Duxbury are the Town of Duxbury/Duxbury Public Schools, Bay Path Rehabilitation & Nursing Center, Allerton House Assisted Living, and Nuance Communications, Inc.

Duxbury's largest industry is Health Care & Social Assistance (20% of jobs), which is also the industry that employs the most Duxbury residents, both in and out of town. Professional & Technical Services employs the next largest proportion of Duxbury residents but there are less of these jobs in town.

revenue and expenses

Sources: MA EOLWD FY16, Duxbury Assessing Department FY16



Property Tax	83%
Residential Tax Rate	15.55%
Commercial Tax Rate	15.55%
Median Single-Family Tax Bill	\$7,991
Average Single-Family Tax Bill	\$9,744

In five years, Duxbury's median single-family tax bill has increased by 32%, from \$7,366 in 2011 to \$9,744 in 2016. The Town of Duxbury has also become increasingly reliant on its property tax for revenue. Property tax revenue now makes up 83% of total revenues, up from 79% in 2006.

The Town of Duxbury spends almost 52% of its General Fund on education, which is comparable to other neighboring communities like Hingham, Marshfield, and Scituate. Schools make up 64% of Duxbury's operational expenses and 75% of capital and debt expenses.



Operational Expenses	Capital and Debt Expenses
Town 36%	Town 25%
Schools 64%	Schools 75%



Phase 1 Elements

A Vision for the Town of Duxbury

Looking forward, the Town of Duxbury continues to be a prosperous coastal community with exceptional assets. Residents of all ages and backgrounds are able to enjoy a high quality of life in Duxbury with convenient access to everything the town has to offer: beautiful beaches, an excellent school system, a thriving harbor, thousands of acres of protected open space, vibrant businesses, and attractive residential neighborhoods.

Duxbury's rich maritime and shipbuilding history is embraced through continued waterfront activity, and both residents and visitors are continuously drawn to Duxbury's pristine public beach and active bay. The Town proactively protects its waterfront heritage and resources to make them more resilient against the impacts of climate change.

The thousands of acres of preserved open space in Duxbury continue to offer opportunities for recreation, enhance scenic views in the town, and protect the Town's water supply and rare species that are native to Duxbury. In the last decade, additional land has been protected, and open space connections are enhanced via bike and pedestrian paths that are safe and attractive.

Duxbury Public Schools sustain excellence and the town attracts families looking to form deep roots in the community. Transparent and fiscally-responsible Town government manages growth and development in a way that maintains Duxbury's authentic character yet balances revenues to sustain excellent public services, facilities, and infrastructure.

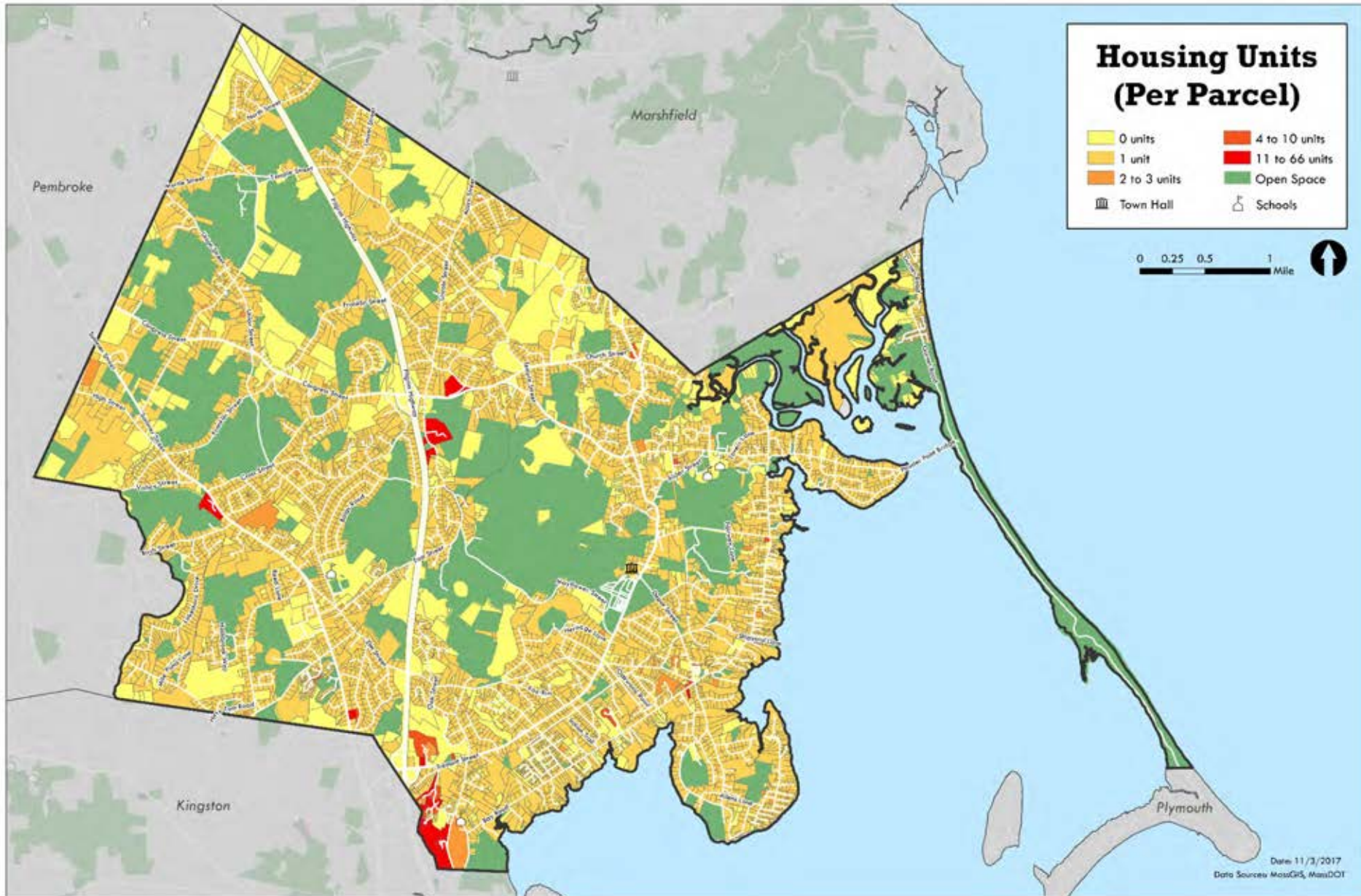
Hall's Corner serves as the economic center of Duxbury, and mixed-use buildings with first floor retail, transportation improvements, and streetscape updates have created a more vibrant and walkable commercial district.

The town's smaller commercial areas also support successful businesses that serve residents and visitors of Duxbury in compact and walkable districts. Duxbury continues to protect its historic resources, especially working to preserve historic homes that may otherwise be torn down and replaced. Alternative housing types have also created a greater variety of housing options for Duxbury residents, leading to more affordable options for families, seniors, and young adults while integrating with the character of the Town.

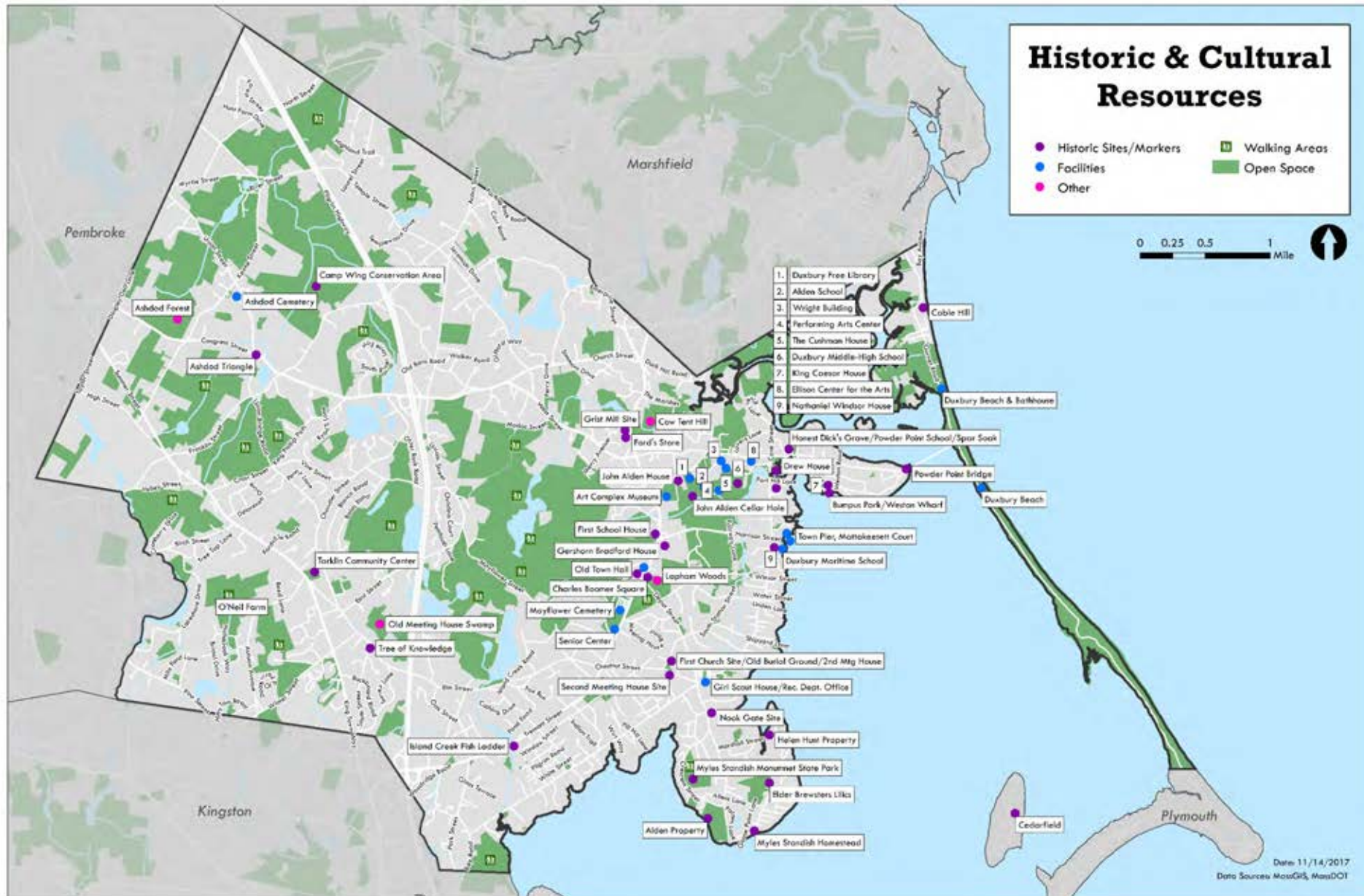
As observed throughout the Envision Duxbury Master Plan process, the vision for Duxbury in 2028 is strengthened through a community that is informed, engaged, and productively working toward a shared vision and commitment to achieving a prosperous and sustainable future.



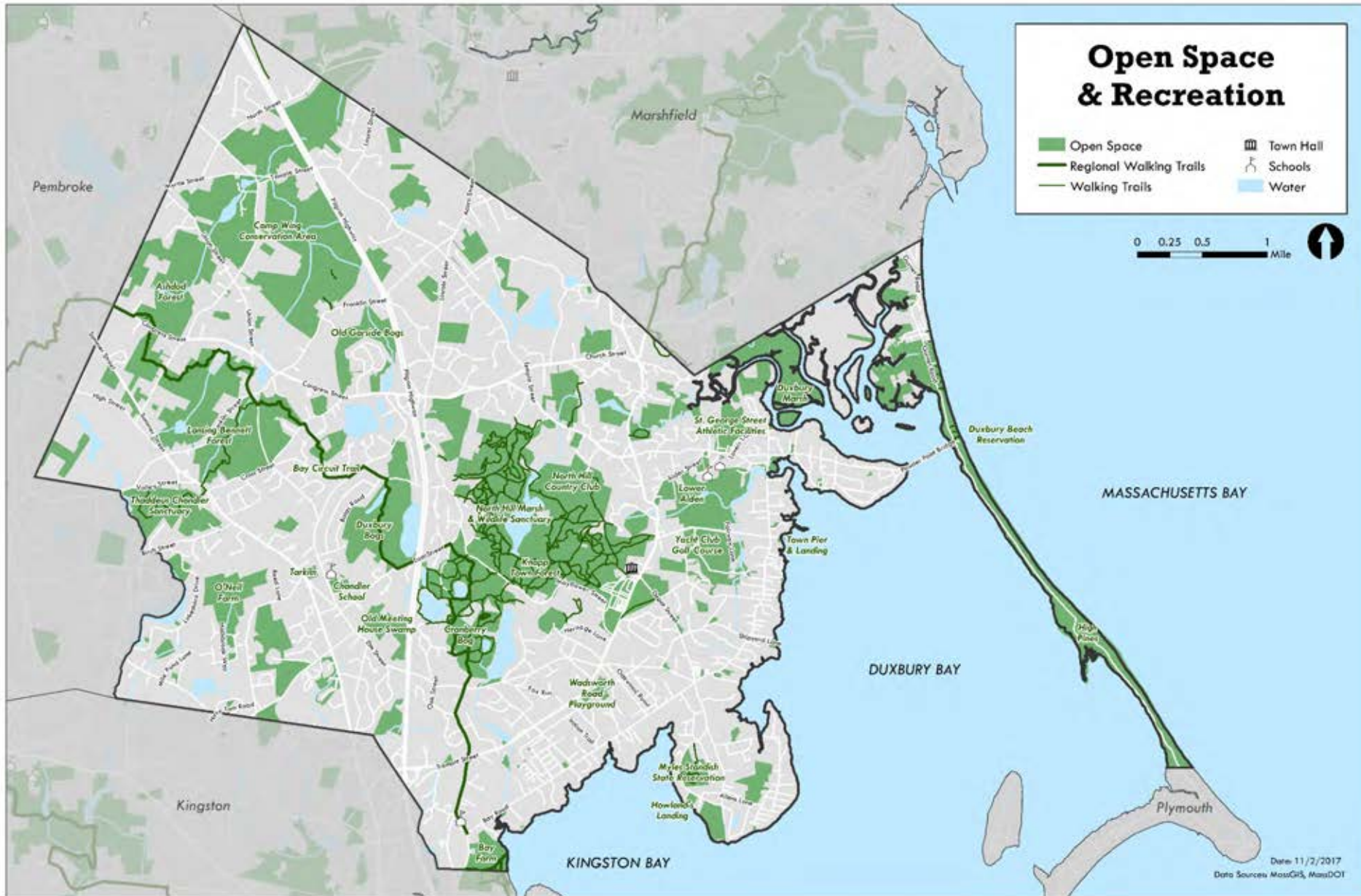
Phase 1 Elements Housing



Phase 1 Elements **Historic and Cultural**



Phase 1 Elements Open Space



Phase 2 Elements

MASTER PLAN ELEMENTS

- **Duxbury Today**
- **Vision**
- **Housing**
- **Historic & Cultural Resources**
- **Open Space**

PHASE 2

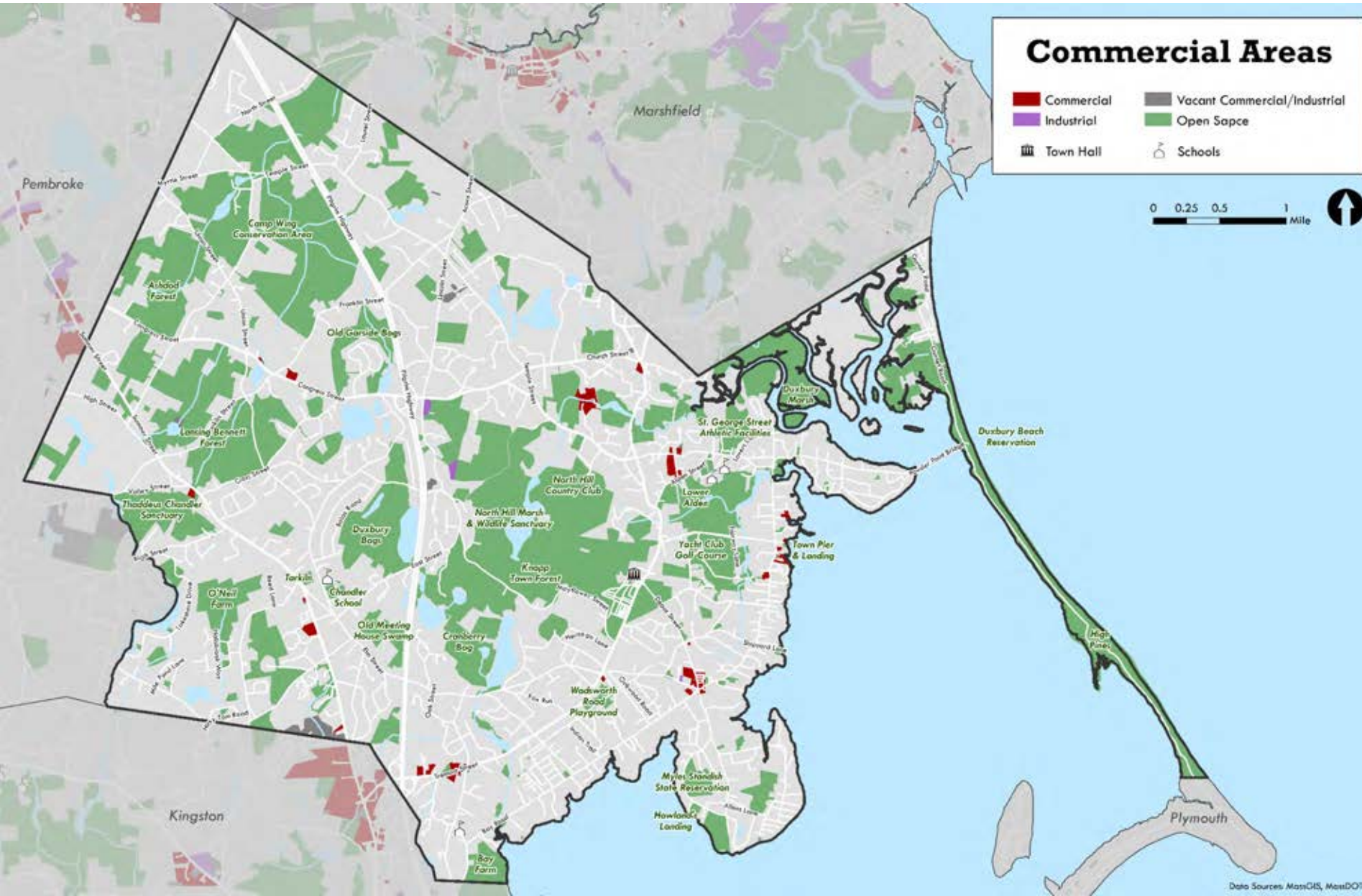
- **Economic Development**
- **Transportation and Circulation**
- **Public Facilities and Services**
- **Sustainability**
(Climate and Energy)
- **Land Use and Zoning**
- **Implementation**



Summary of Phase 2 Elements



Economic Development



Economic Development: Element Outline

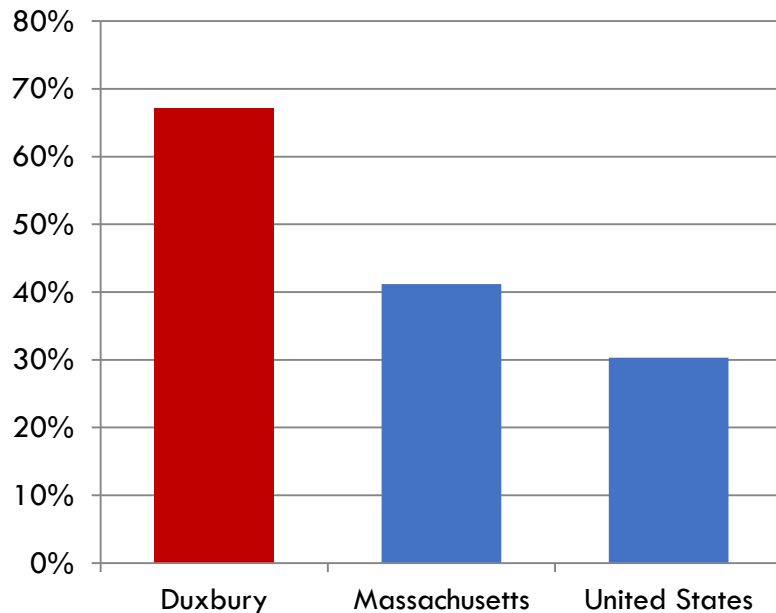
- **Existing Conditions**
 - Industry Profile – wages, job and wage growth, employers
 - Workforce Profile – Labor force and education, resident occupations
 - Opportunity Sectors – employment projections, retail opportunities
 - Opportunity Areas – Hall's Corner, Snug Harbor, Millbrook, others
- **Fiscal Considerations**
- **Development Constraints and Limitations**



Economic Development: Industry Profile

3.5% Unemployment in July 2018

(Of a labor force of 7,656 there were 7,409 employed)

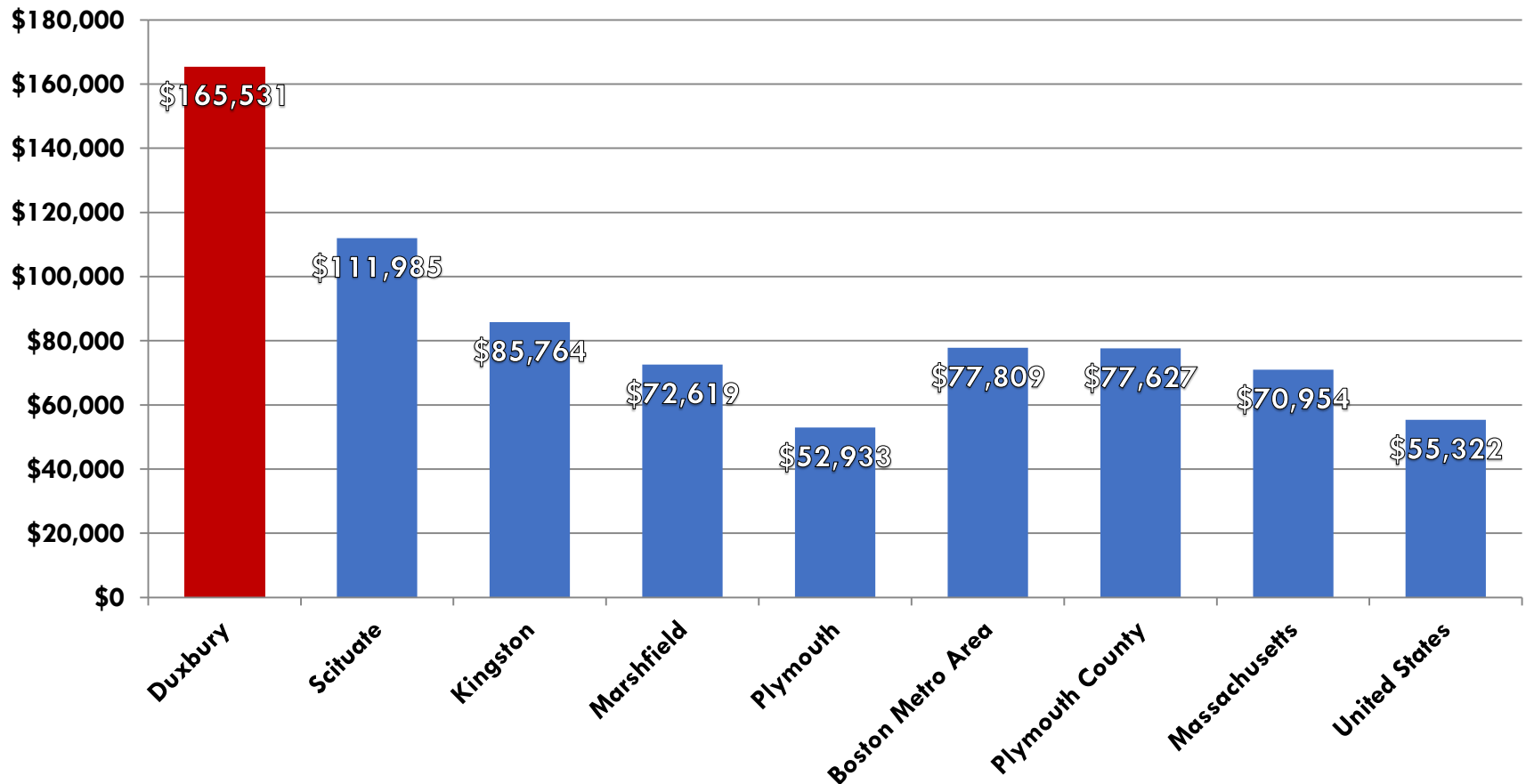


Major Commercial Centers include Hall's Corner, Snug Harbor, and Millbrook

**Bachelor's degree or higher,
percent of persons age 25
years+, 2012-2016**

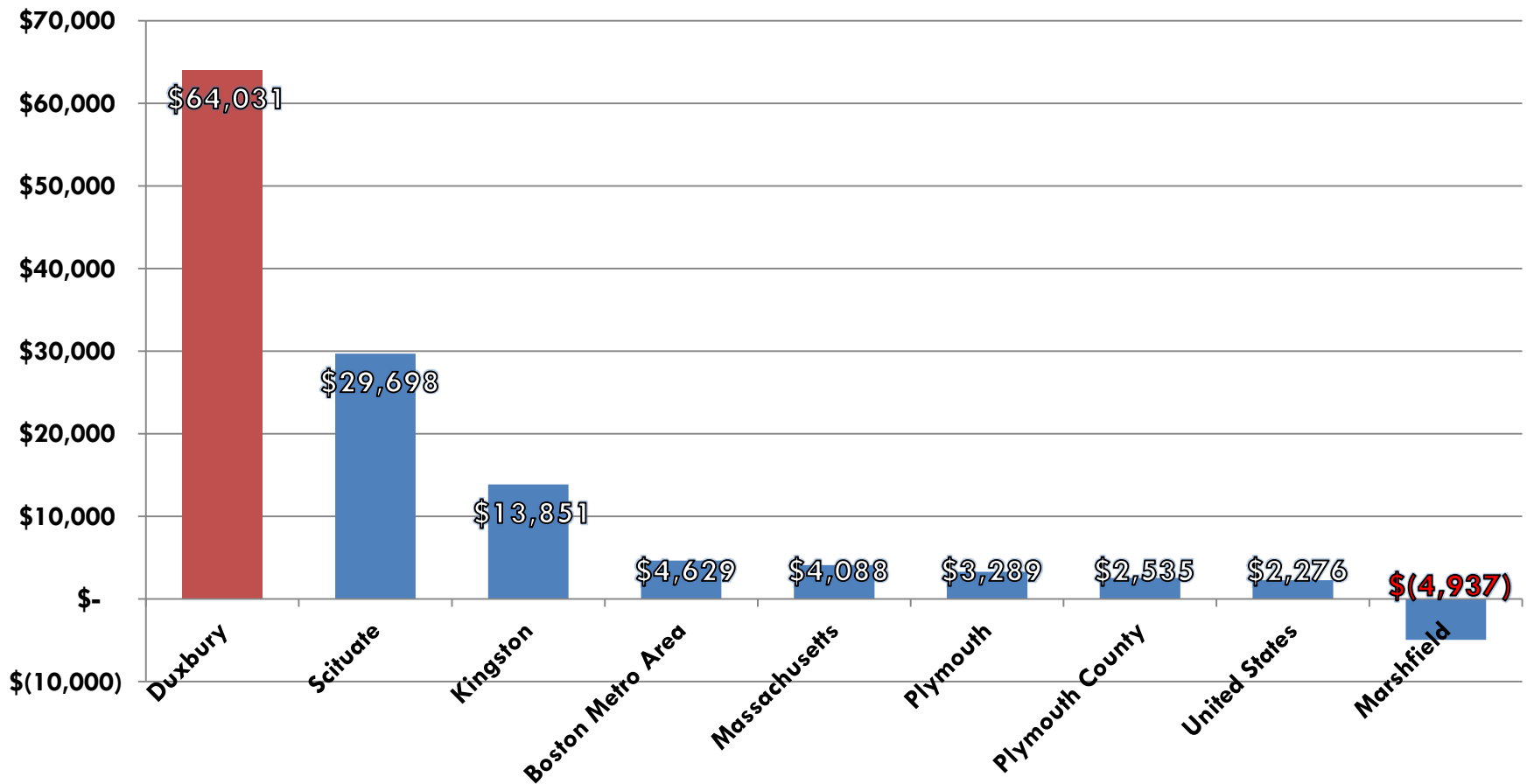
Economic Development: Wages

- Households in Duxbury have a median annual income of \$165,531, which is almost three times the median annual income in the United States. Compared to neighboring towns, Duxbury had a household median income that was \$53,546 more than Scituate and \$112,598 more than Plymouth.



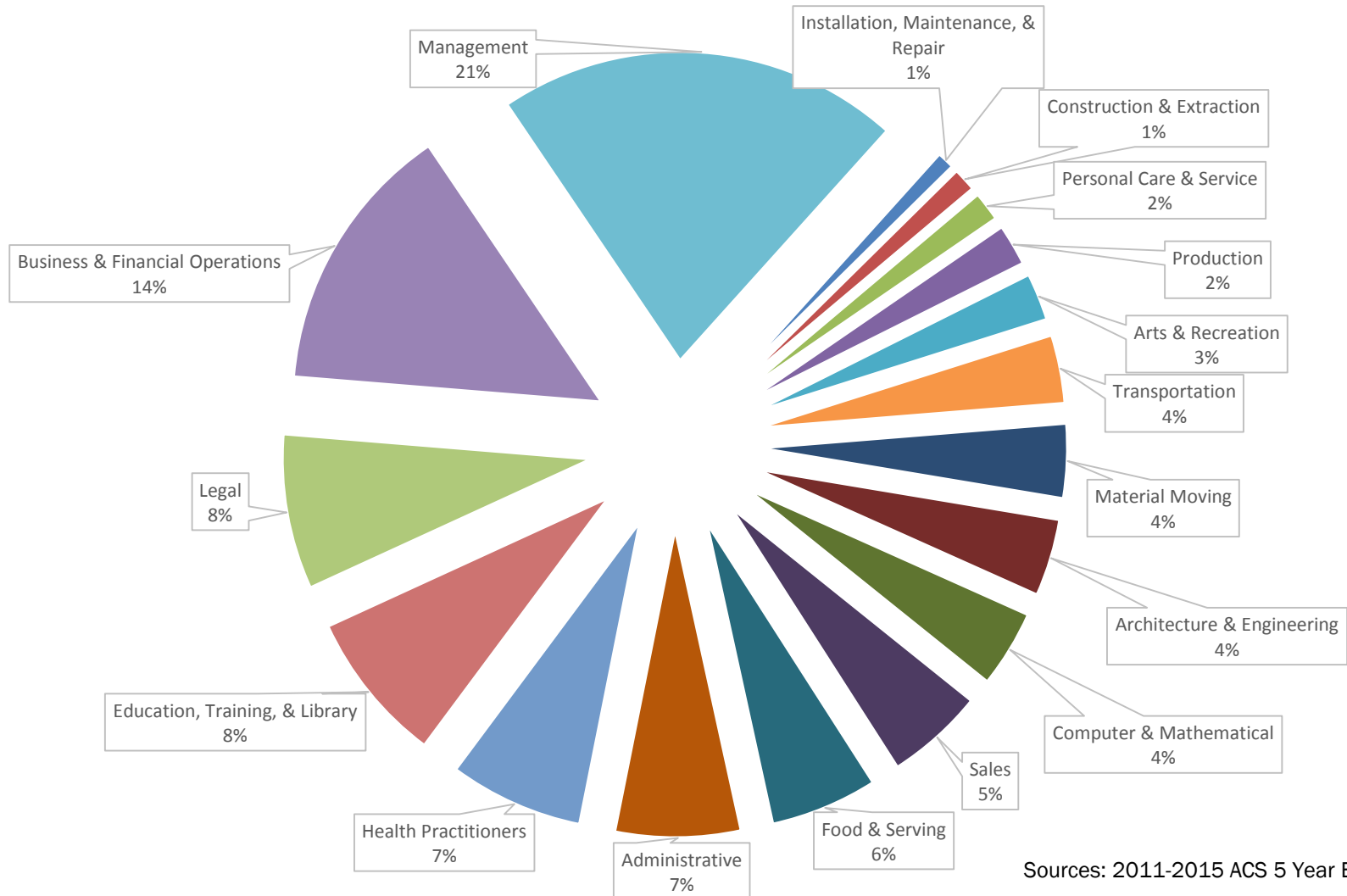
Economic Development: Wage Growth

- Households in Duxbury saw annual income increase within the four year period by \$64,031, slightly more than double the amount Scituate, the community that came closest in income growth. Most other areas saw smaller growth, with Marshfield losing nearly \$5,000 in the year.



Economic Development: Wage Growth

- From 2015 to 2016, employment in Duxbury grew at a rate of 9.2%, from 639 employees to 698 employees. The most common job groups, by number of people living in Duxbury, are Management, Business, Science, & Arts, Sales & Office, and Service.



Sources: 2011-2015 ACS 5 Year Estimates

Economic Development: Drive Time

- This geography is displayed below includes the entire local market as well as portions of Marshfield, Pembroke, Kingston, and Plymouth. The 10 minute drive time is outlined in red. The blue line indicates a 15 minute drive time and the green line indicates a 5 minute drive time.

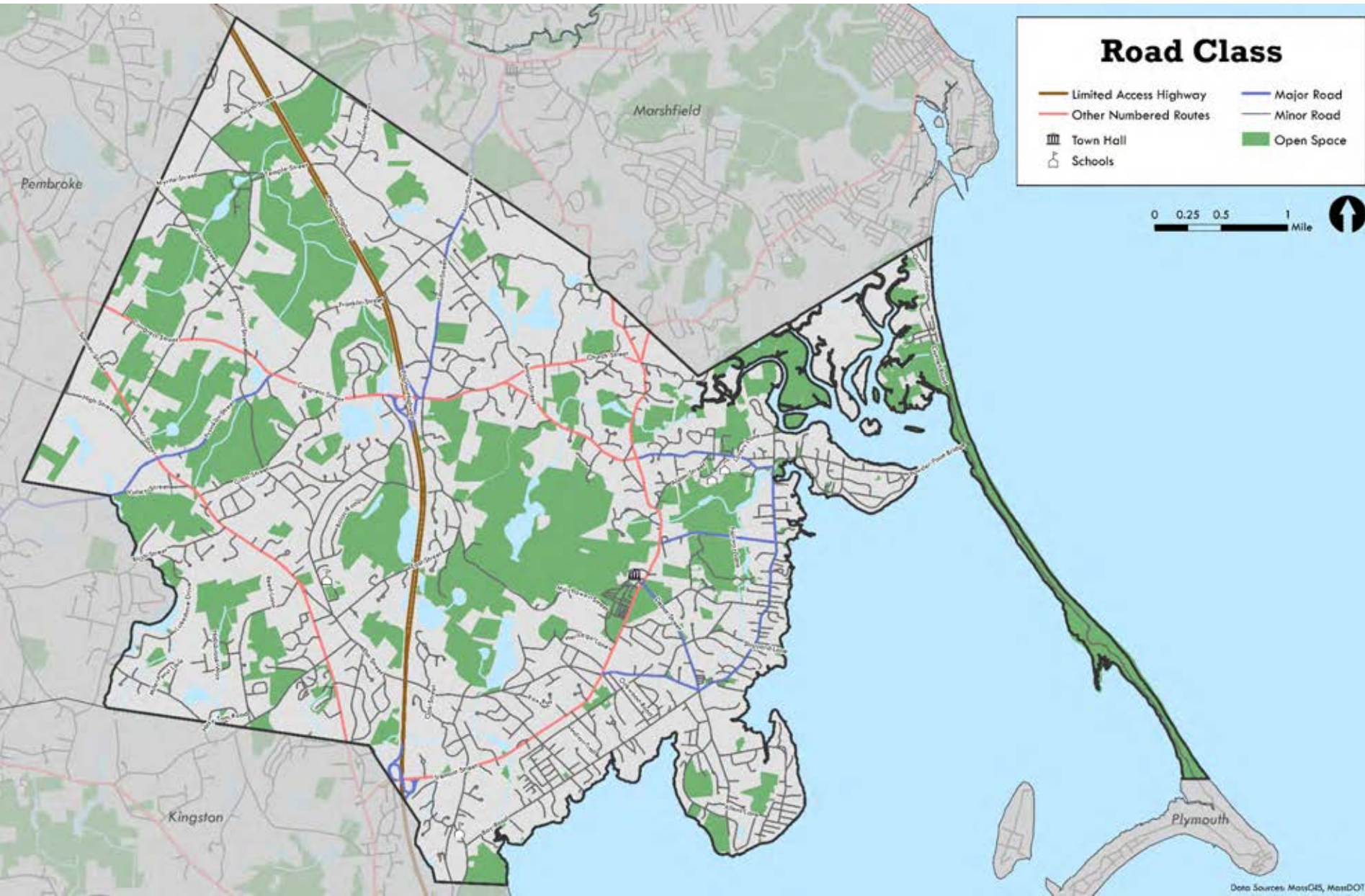


Economic Development: Retail Opportunities

- Figures in **red** are negative numbers that indicate there is a surplus of sales within the designated drive time. Figures in **green** are positive numbers that indicate a retail gap or leakage and represent potential opportunities for more retail in the area. There is an opportunity for all of the following types of businesses within the Local Trade Area.

	LOCAL TRADE AREA	PRIMARY TRADE AREA
	5 minute drive time	10 minute drive time
Total Retail Trade and Food & Drink	\$87,410,923	-\$30,383,730
Total Retail	\$78,568,576	-\$41,773,614
Total Food & Drink	\$8,842,347	\$11,389,885
Furniture & Home Furnishings Stores	\$3,362,003	\$5,491,899
Electronics & Appliance Stores	\$3,861,354	\$8,519,700
Building Materials, Garden Equip. & Supply	\$8,206,710	-\$9,320,052
Food & Beverage Stores	\$19,475,318	-\$54,381,242
Health and Personal Care	\$1,453,350	-\$1,698,661
Clothing & Clothing Accessories	\$6,411,831	\$4,631,541
Sporting Goods, Hobby, Book and Music Stores	\$2,426,051	\$3,011,509
General Merchandise Stores	\$14,787,787	\$815,720
Miscellaneous Store Retailers	\$1,968,010	\$3,304,340
Food Services & Drinking Places	\$8,842,347	\$11,389,885

Transportation and Connectivity



Transportation and Connectivity: Element Outline

- **Transportation history and evolution**
- **Transportation Infrastructure**
 - Roads, public transit, pedestrian and bicycle facilities, parking
- **Commuting characteristics**
- **Transportation Planning in Duxbury**



Streets and Roadways

- 125 miles of roadways
 - Vast majority town controlled
 - Most classified as local streets
- Little change in vehicular traffic since 1999 Comp Plan
 - Example: Washington St north of Harrison St:
 - 1990 AADT: 4,950
 - 2017 AADT: 4,925
 - Exception: increase in traffic along Route 3A
- Increase in number of crashes

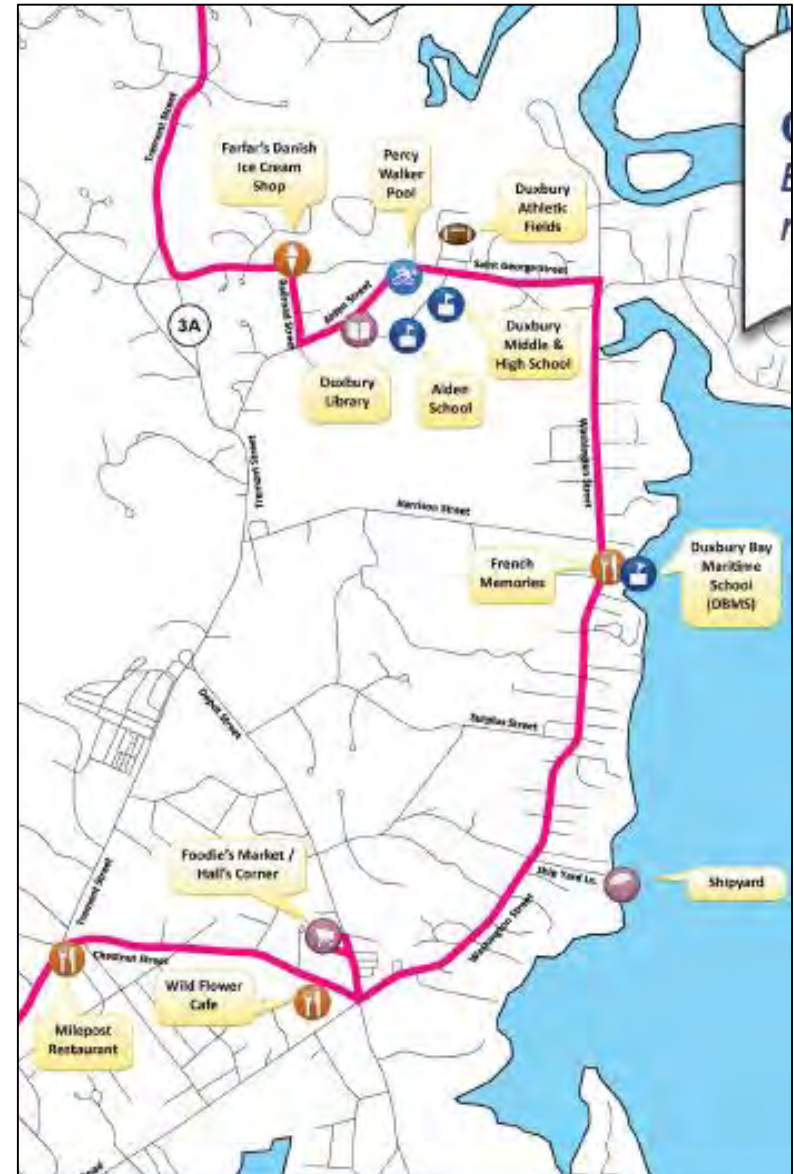


Depot Street looking south

Year	Town of Duxbury	Plymouth County
2010	189	9,250
2011	181	9,319
2012	169	8,834
2013	178	9,660
2014	199	9,804

Transit

- Limited transit services
- One GATRA bus route – piloting revised routing along Washington Street
- Nearest rail option: Kingston/Route 3
- Other transit services:
 - GATRA Boston Hospital Bus (medical trips to South Shore area)
 - Duxbury Senior Center Shuttle



Parking

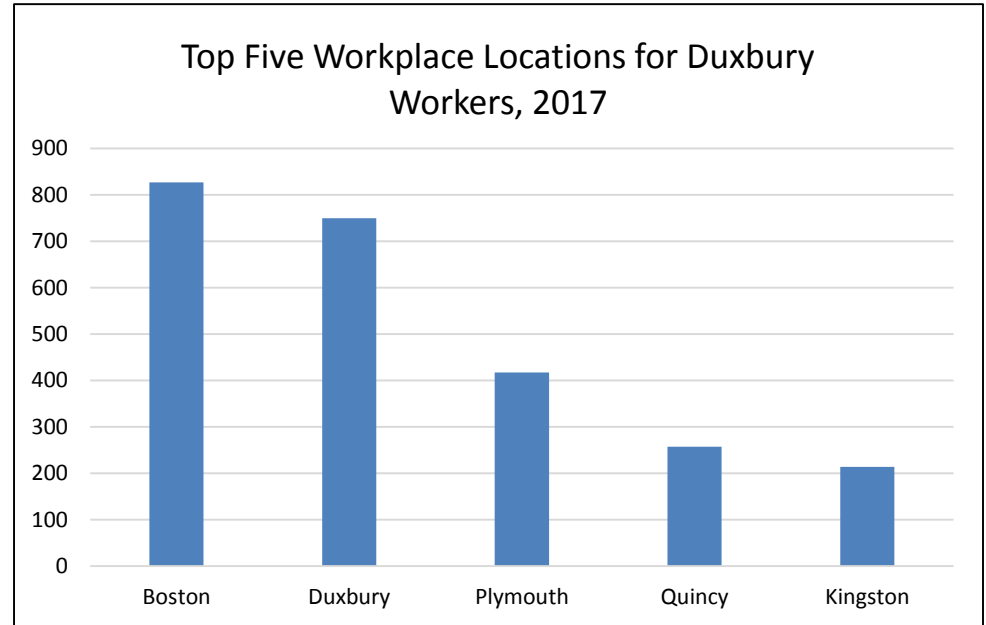
- Some parking issues noted in previous studies
 - Hall's Corner
 - Snug Harbor
- No known Town-wide survey or study of parking facilities



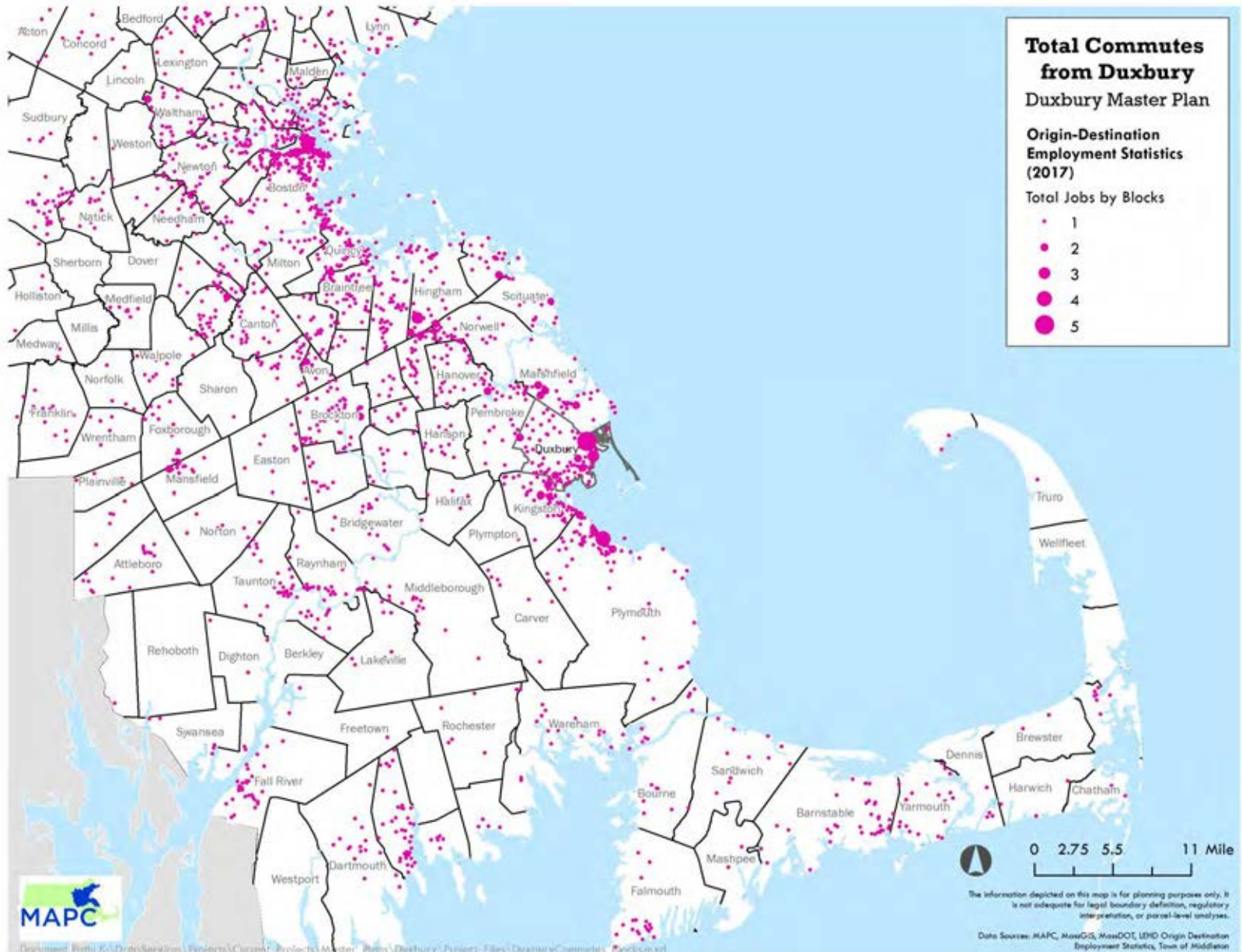
Hall's Corner

Commuting Characteristics

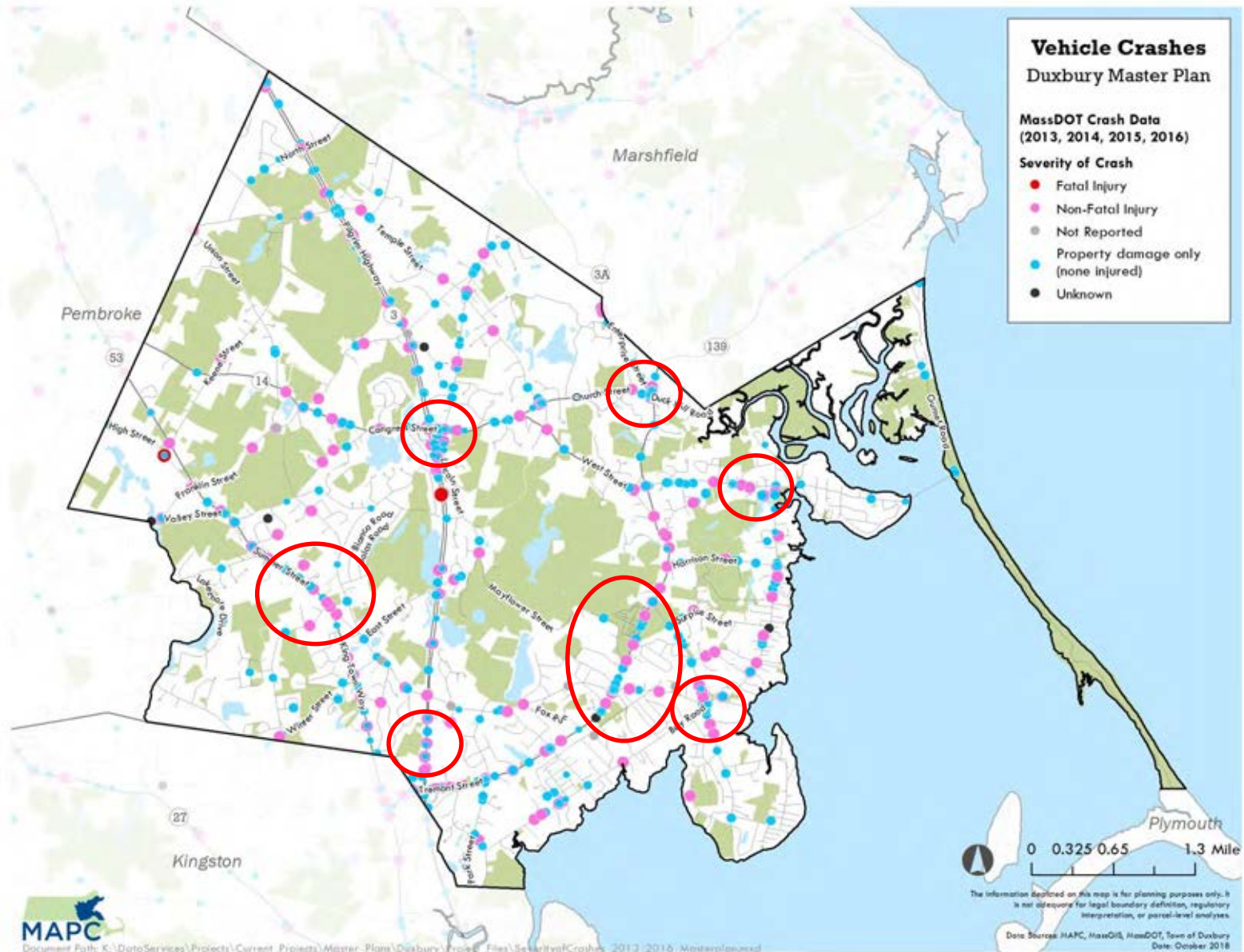
- Over 83% drive to work
- Work from home: doubled since 1990 (5% to 10%)
- Most commute within Duxbury or to Plymouth
- 30% travel fewer than 20 min
- Over 20% commute more than one hour



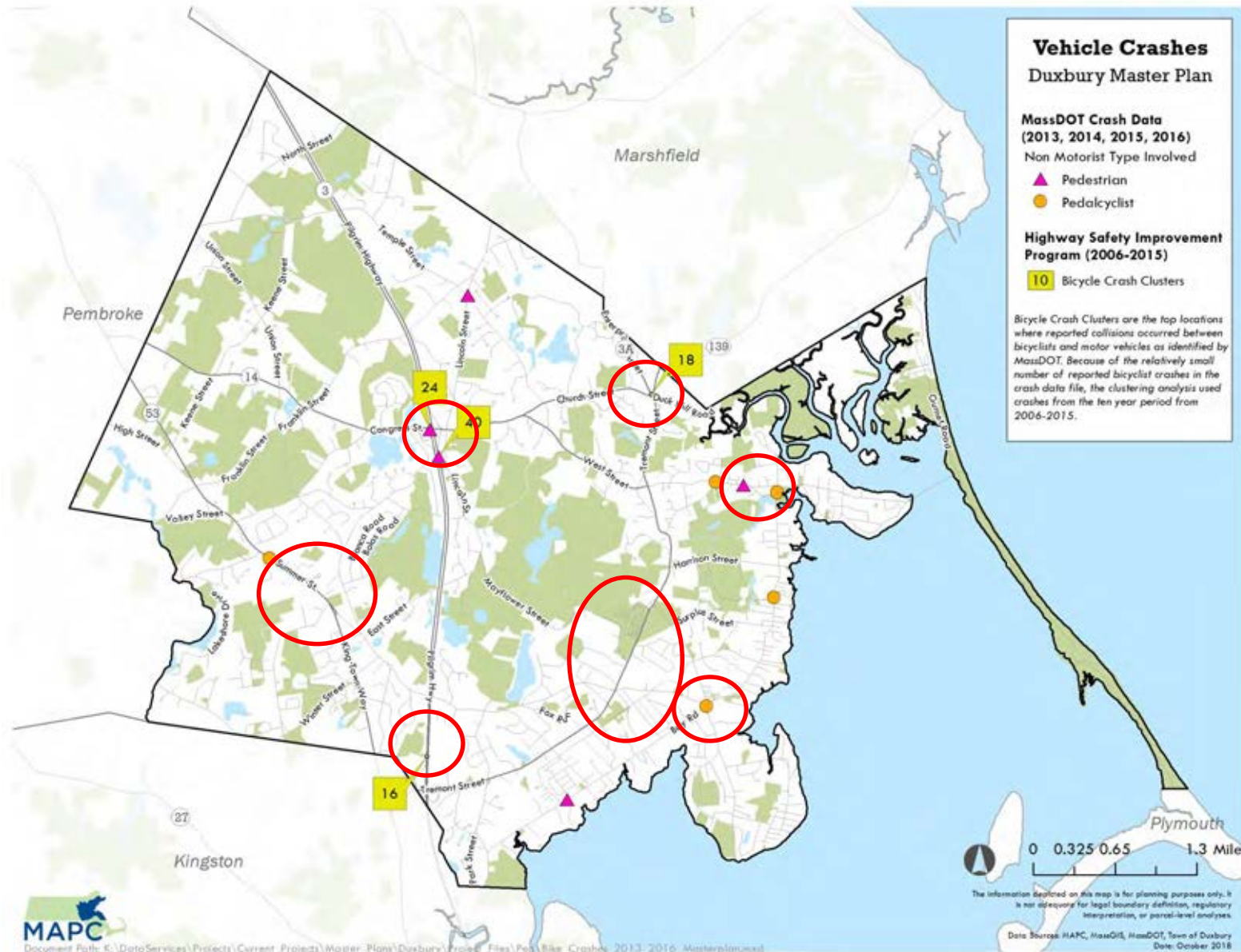
Commuting Characteristics



Vehicle Crashes (2013-2016)



Pedestrian/Cyclist/Vehicle Crashes



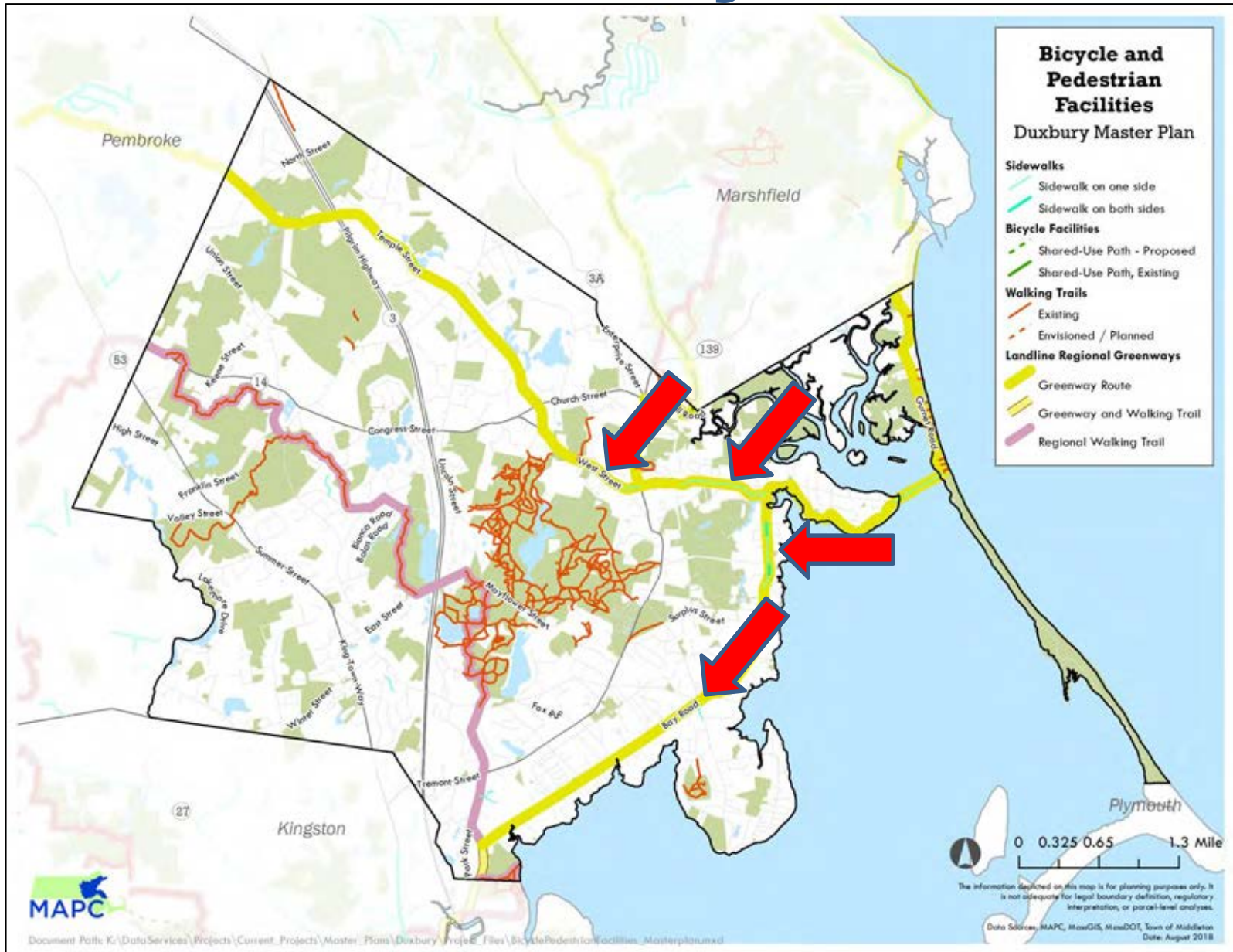
Pedestrian and Bicycle

- Limited sidewalk network
- No bicycle facilities
- Proposed LandLine regional greenway network
- Lack of facilities/complete streets noted in previous planning efforts
- **Ped/Bike top ranked “challenge” by residents in 2017 Master Plan Visioning survey**

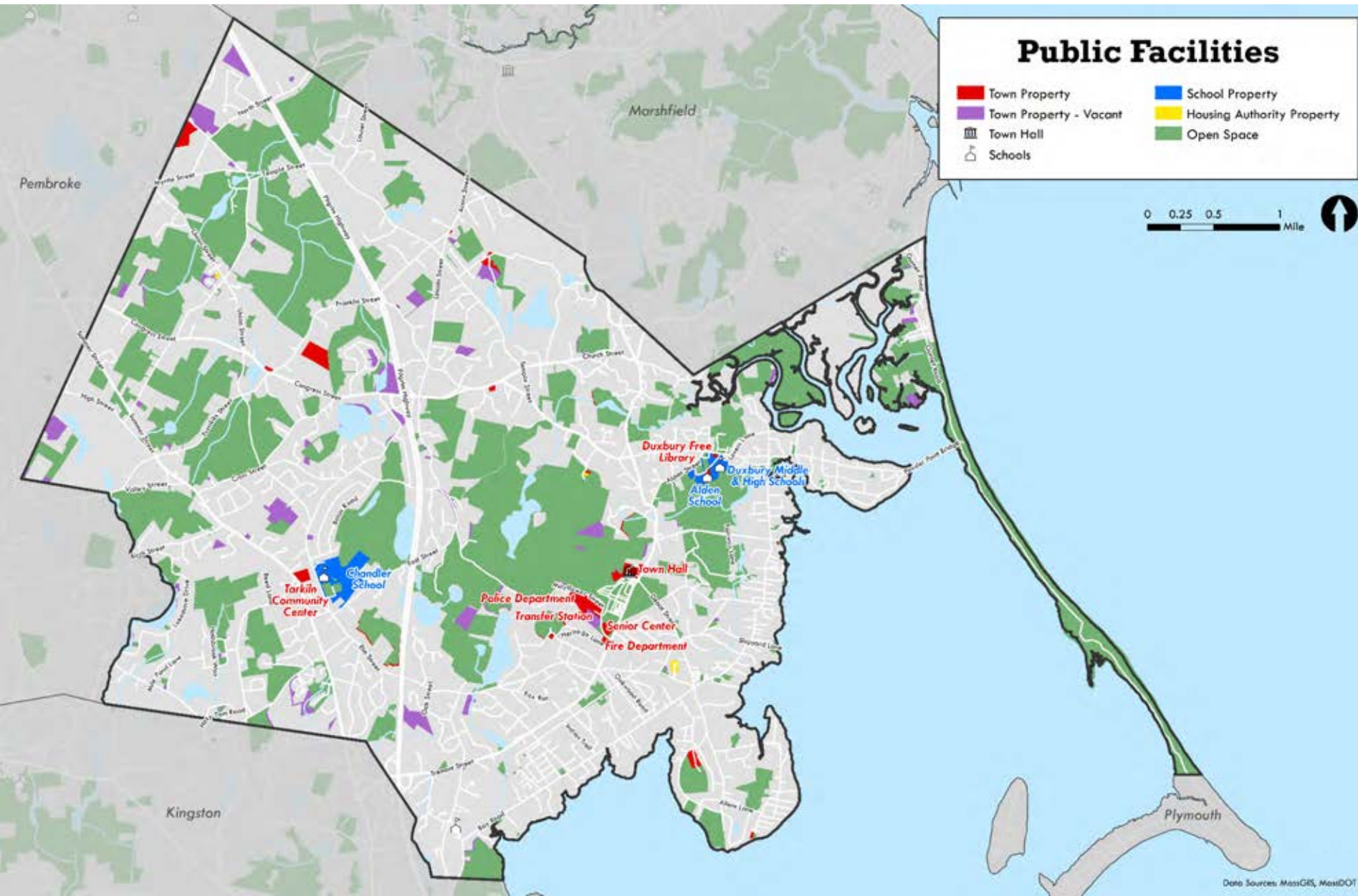


Route 3A near Town Hall

Pedestrian and Bicycle



Public Facilities and Services

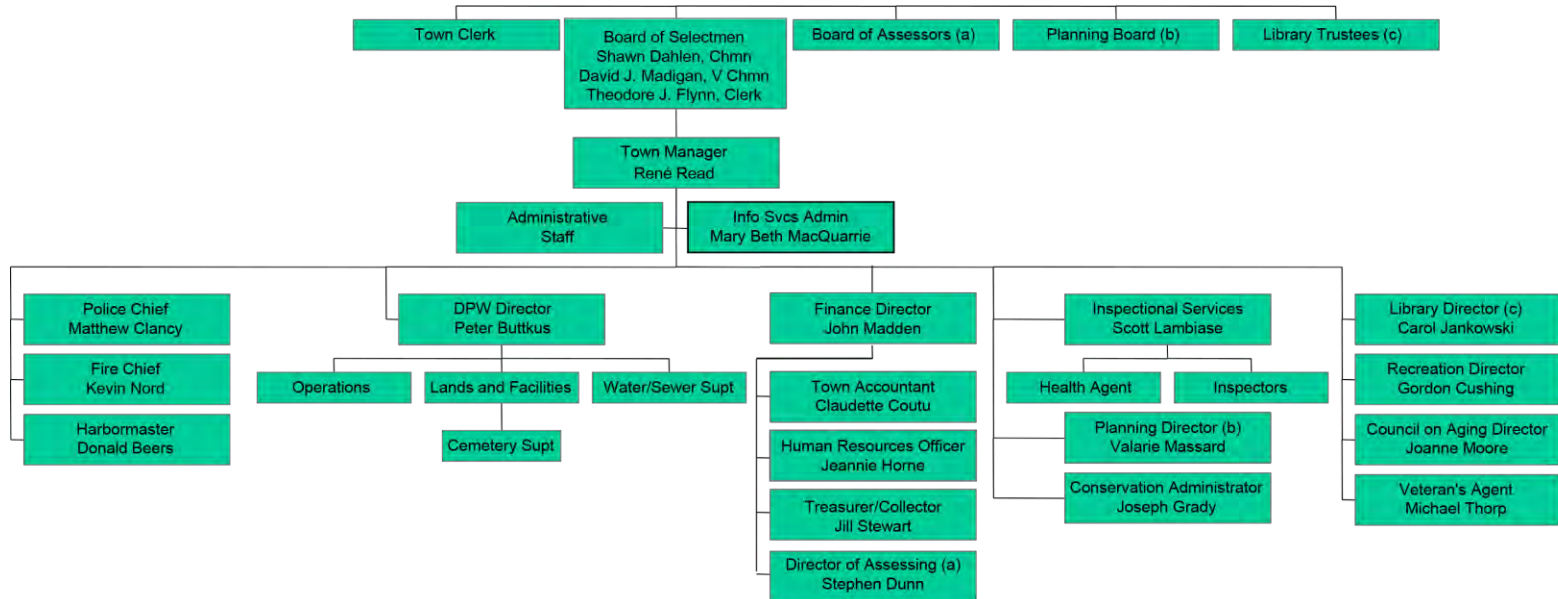


Public Facilities and Services: Element Outline

- **Town Administration**
 - Town Charter and Bylaws, Departments, Boards and Committees, Organizational Chart, Town Reps to Other Organization, Department Size
- **Town Facilities**
 - Schools, Town owned buildings



Public Facilities and Services: Administration & Governance



(a), (b) and (c) positions report also to elected boards

Source: FY17 CAFR

- Town governed by Open Town Meeting and three member Board of Selectmen
- Town Manager form of government established in 1987 by Special Act Charter

Public Facilities and Services: Administration & Governance

In 2015, Town Meeting voted to authorize the Moderator to appoint a nine (9) member Government Study Committee, to review the Town's *form of government, organizational structure, and general by-laws*.

The Committee's final report, published in March 2018:

- Affirmed Duxbury's basic form of government – no recommended change to the model of Open Town Meeting with three selectmen and strong Town Manager
- Recommended creating an Audit Committee, disbanding the Personnel Board, and changing the Town Planner's reporting line from the Planning Board to the Town Manager
- Proposed corrective revisions to the Town's general by-laws to enhance clarity and consistency as well as eight substantive changes



Public Facilities and Services: Administration & Governance

The Government Study Committee advanced their recommended corrective and substantive amendments to the Town's general by-laws through the submission of nine Town Meeting articles.

All proposed articles were approved by Town Meeting.



Photo: 959 WATD

Article # and Description

Article 20: Amend the General By-Laws of the Town by making non-substantive edits for clarity and consistency

Article 21: Increase Moderator's term of office from one to three years

Article 22: Narrow the use of reconsideration in Town Meeting, limiting its use to when new relevant info emerges

Article 23: Change the appointing and reporting authority of the Town Planner from the Planning Board to the Town Manager

Article 24: Establish an Audit Committee

Article 25: Prohibit elected officials from being employed by the Town of Duxbury

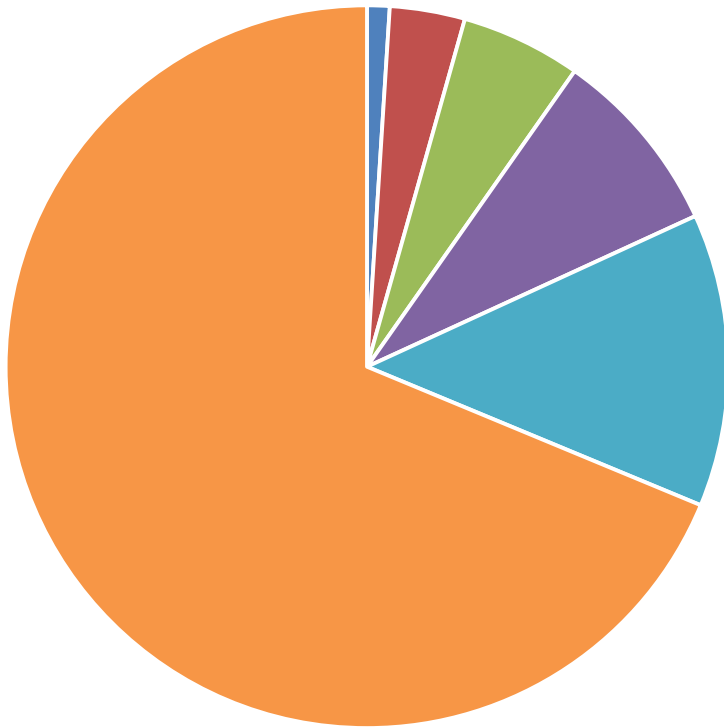
Article 26: Allow payment plans for tax title properties

Article 27: Enable the refusal of Town licenses for applicants who are delinquent in tax payments for under one year

Article 28: Disband the Personnel Board

Public Facilities and Services: Town Departments

Full-time Equivalent Employees by Function

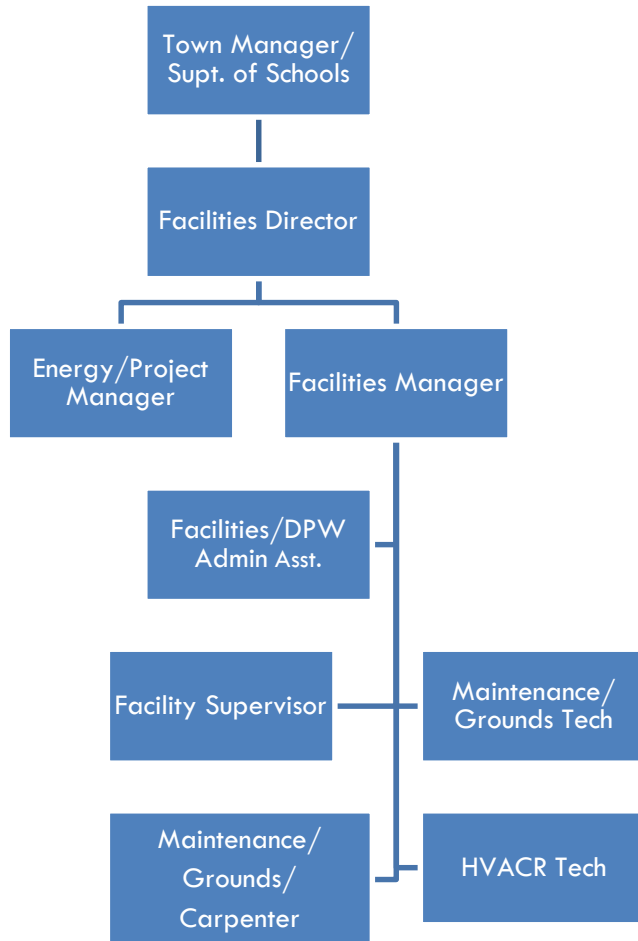


Total FTE: 595

Governmental Function: Departments	FTE (FY17)
Human Services: Council on Aging, Veterans	6
Culture and Recreation: Library, Recreation	20
General Government: Selectmen, Finance, Info Sys, Accounting, Assessor, Treasurer/Collector, Human Resources, Town Clerk, Conservation, Planning Board, Facilities	32
Public Works: DPW Management, Vehicle Maintenance, Hwy Dept, Snow & Ice, Transfer Station, Sewer Dept, Cemetery, Animal Control	50
Public Safety: Police, Fire, Muni Services, Harbormaster	78
Education: Duxbury Public Schools	409

Public Facilities and Services: Facilities Management

Duxbury's Facilities Department



- Consolidated Facilities Department created in FY13, with first Facilities Director hired in FY14
- Facilities Dept. serves the town's 63 public facilities, including school owned buildings
- Responsible for corrective and preventative maintenance, as well as renovation and new construction
- Also creates and implements a 10 year capital improvement plan

Public Facilities and Services: Town Facilities

Town Owned Facilities Used for Town Services

Facility Name	Address	Year Built and Notes
Town Hall	878 Tremont Street	1975
Old Town Hall	878 Tremont Street	1840, most recently remodeled in the late 1990s
Animal Shelter	878R Tremont Street	2005
Duxbury Senior Center	10 Mayflower Street	2001. In 2018, Town Meeting approved the construction of a new Senior Center facility.
Central Fire Station	668 Tremont Street	2012
Ashdod Fire Station	794 Franklin Street	2000
Harbormaster's Office	25 Mattakeesett Court	
DPW Operations Center	878R Tremont Street	1970. A feasibility study for replacing the facility is underway, and the Department will request funds for the next phase of the project in March 2019
Duxbury Free Library	71 Alden Street	1997
Police Station	155 Mayflower Street	2012

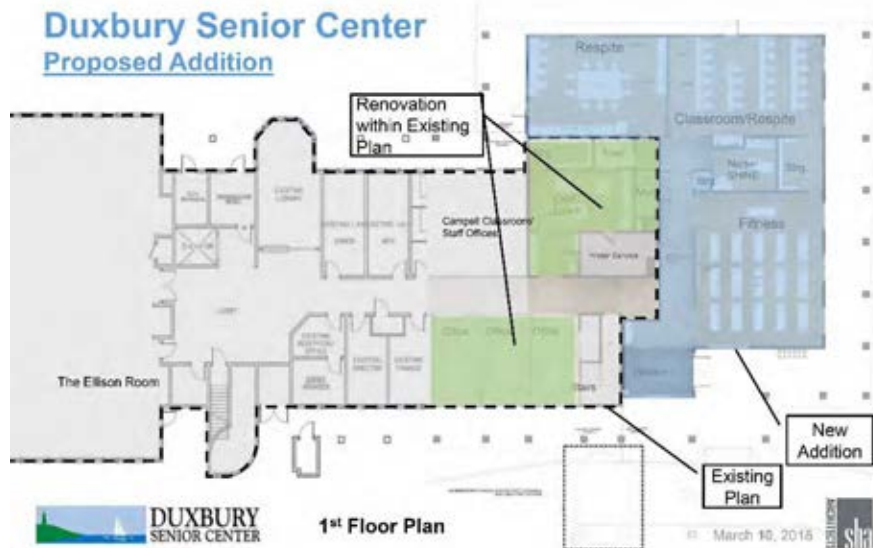
Public Facilities and Services: School Facilities

Town Owned Facilities Used for Town Services

Facility Name	Address	Year Built and Notes
Duxbury Middle-High School	71 Alden Street	2014
Alden School	75 Alden Street	1949; renovated in 2010
Chandler School	93 Chandler Street	1968; renovated in 2003
Center for the Performing Arts	75 Alden Street	2003; remodeled in 2014 to join with the new Middle-High School

Public Facilities and Services: Future Facilities Projects

In 2018, Town Meeting voted to fund the expansion of the Duxbury Senior Center. Construction is projected to complete in Spring 2019.



At 2018 Annual Town Meeting, the Department of Public Works presented an update on a feasibility study exploring the replacement of the DPW Operations Center.

Over the next year, the feasibility study process will develop concepts and an overall project budget. Funds will be requested in March 2018 for the project's next phase.

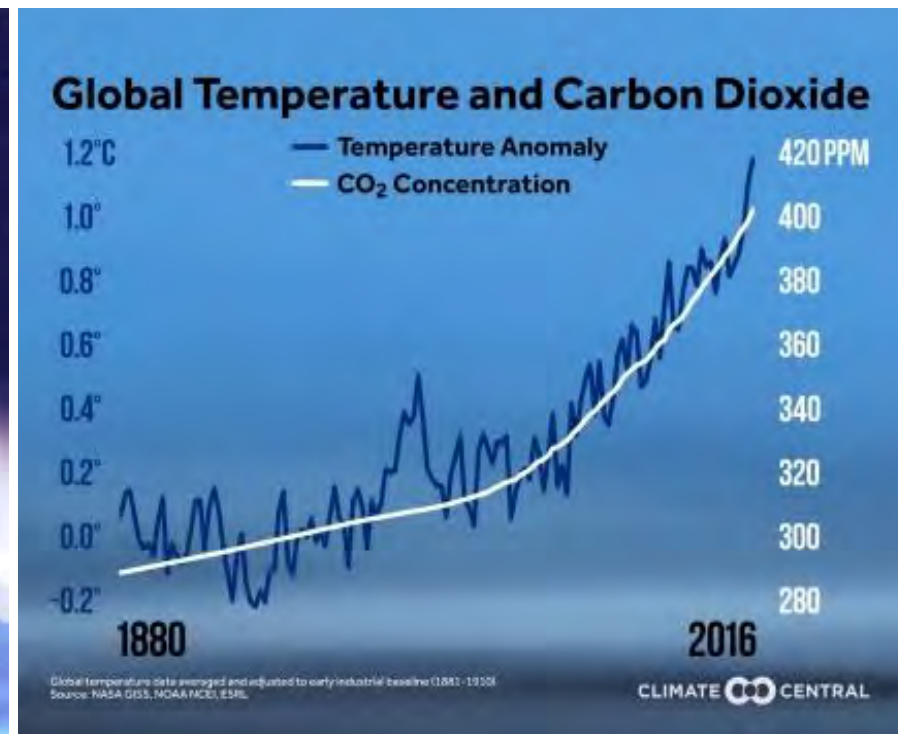
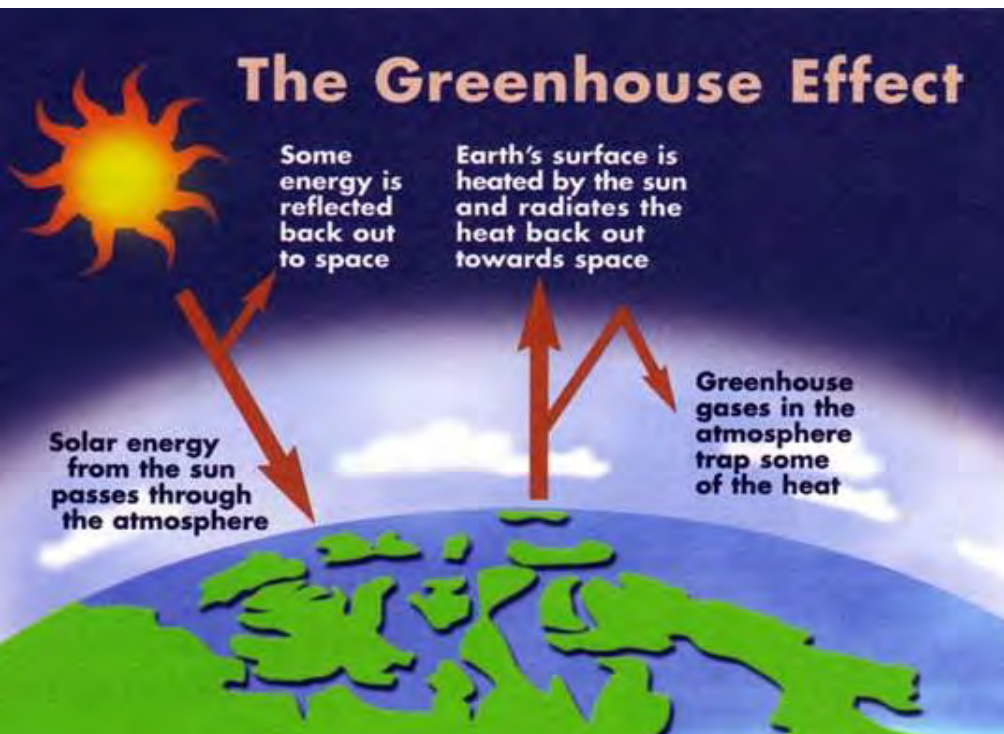


Sustainability (Energy and Climate)



Sustainability:

What is Climate Change?



Sustainability (Energy): Element Outline

- **Benefits**
- **Energy Management**
- **Municipal Sector**
 - Staffing, Renewable Energy, Energy Cost, Energy Efficiency
- **Residential, Small Business and Commercial/Industrial Sectors**
 - Energy Use, Renewable Energy, Energy Efficiency, Energy Cost, Natural Gas Leaks

Sustainability (Energy): Benefits

- Energy efficiency program can help save money and reduce costs
- Stabilize energy prices through clean energy
- Reduce air pollution
- Reduce greenhouse gas emissions
- Clean energy can add to energy resilience and energy independence

Green Communities Designation

- Received designation in 2017
- Developed a **5-year energy reduction plan** to reduce municipal energy use by 20% includes measures:
 - Energy Management Systems, LED lighting and smart controls, plug load controls, ventilation, weatherization, behavioral changes
- Received \$139,705 in grant funding from state to implement projects

The Town of Duxbury Energy Reduction Plan

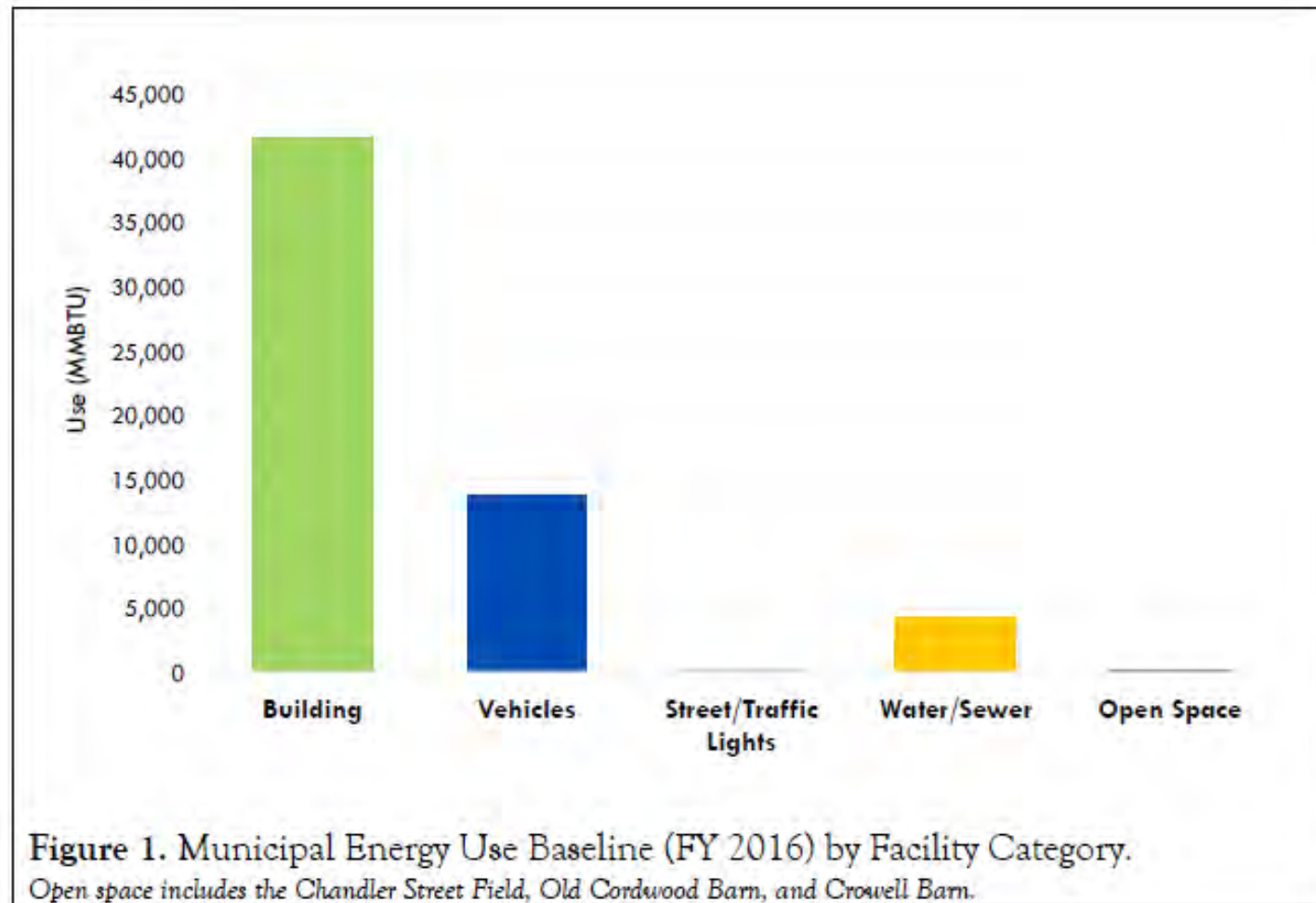
Prepared by the Metropolitan Area Planning Council with
support from the Town of Duxbury



In fulfillment of the
Massachusetts Green Communities Grant Program
Criterion 3

Adopted by Board of Selectmen October 16, 2017
Adopted by School Committee October 19, 2017

Municipal Energy Use (FY 2016)



Source: Duxbury Energy Reduction Plan (2017)

Schools are the largest energy user

- Duxbury Middle-High School, Alden Elementary School, and Chandler Elementary combined **make up 42% of town's energy use**
- Duxbury Middle-High School, is a verified **Collaborative High Performance School (CHPS)** which is similar to LEED Silver for green and sustainable building elements

Renewable Energy in Duxbury

- Roof-mounted solar at Middle-High School and Performing Arts Center
- Solar Array at Chandler School
 - 2.4 kW ground mounted system
 - Used for educational programming
- Acushnet Gravel Pit Solar Array
 - 300 kW systems, provides energy to municipal buildings (approx. 25%)
- Town of Duxbury Landfill Solar Array
 - 585 kW system on 3 acres
 - Town leases land and received energy through Power Purchase Agreement (PPA)
- Purchasing Electricity from Off-Site Wind Turbine
 - Power Purchase Agreement (PPA)

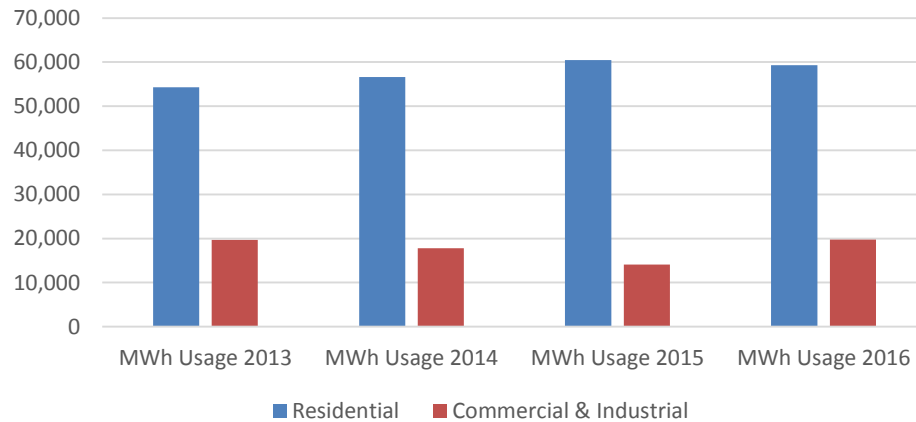


Solar Zoning

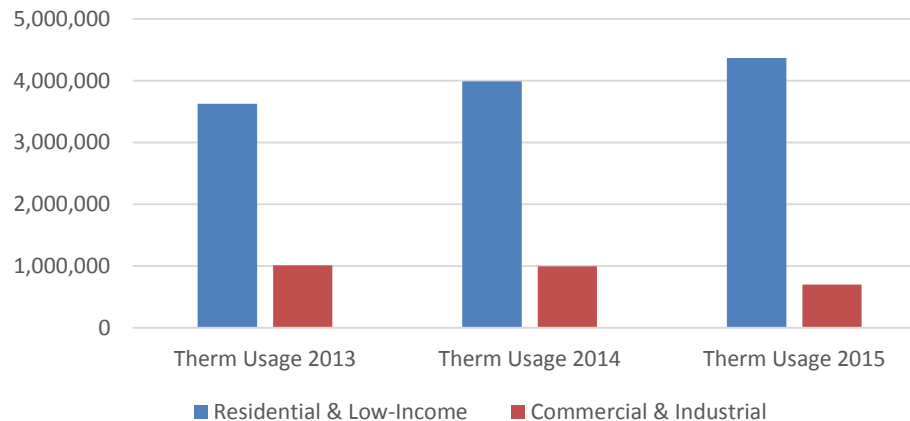
- **Article 621 Solar Photovoltaic Facilities**
 - Regulates large and small scale solar PV
 - Roof-top accessory use solar PV at 50 kW or less, up to 125% of principal use energy use is **allowed by right** in RC, NB and PD districts
 - Regulates ground mounted and ground mounted solar canopies by site plan review
- **Section 618 Ground-Mounted Solar Photovoltaic Installation Overlay Districts**
 - Creates a 3-acre overlay district allowing large, 250 kW+ systems on town-owned land at existing transfer station
 - Existing solar installation on-site

Community Energy Use

Annual Electricity Usage by Sector
(in MWh)



Annual Thermal Energy Usage by Sector
(in BTUs)



Comparison of Energy Use

Population

Duxbury: 15,926

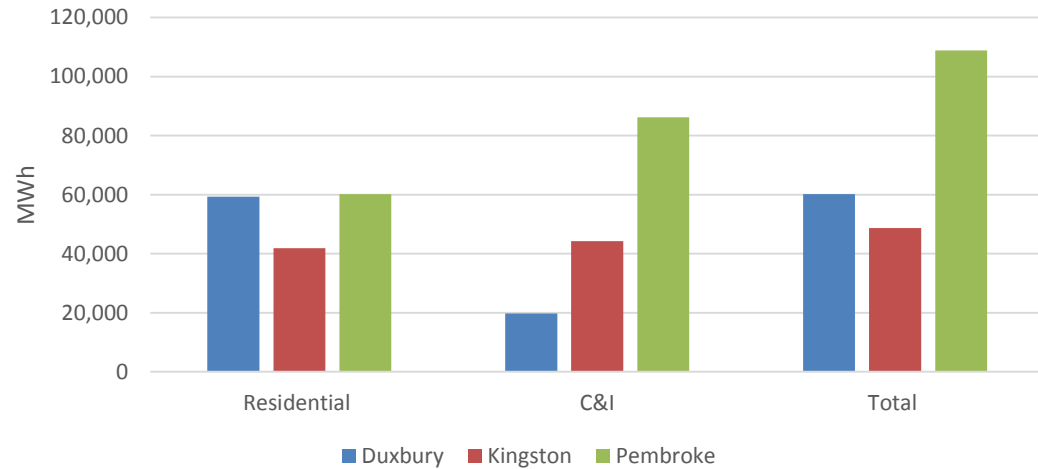
Kingston:

13,462

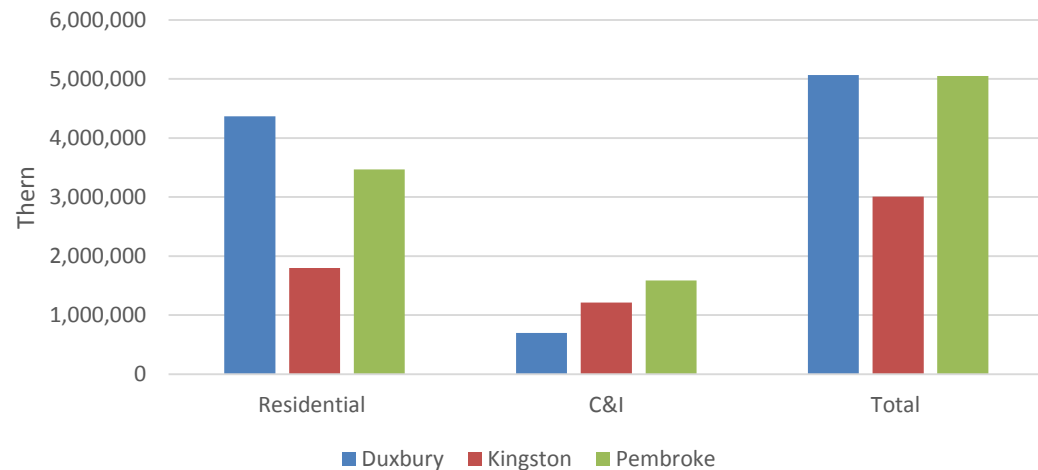
Pembroke:

18,358

Comparison of Annual MWh Usage (2016)



Comparison of Annual Therm Usage (2015)



Sustainability (Climate): Element Outline

- **Climate Risks**
 - Sea Level Rise/Storm Surge
 - Extreme Heat and Warming
 - Changes in Precipitation Events
- **Duxbury Vulnerability**
 - Infrastructure, Environment, Society
- **Climate Action Plan and Natural Hazard Mitigation – Recommendations and Integration**



Sustainability (Climate):

Temperature Observed and Projected

Length of Growing Season in the Contiguous 48 States, 1895–2015: West Versus East



Data source: Kunkel, K.E. 2016 update to data originally published in: Kunkel, K.E., D.R. Easterling, K. Hubbard, and K. Redmond, 2004. Temporal variations in frost-free season in the United States: 1895–2000. *Geophys. Res. Lett.* 31:L03201.

For more information, visit U.S. EPA's "Climate Change Indicators in the United States" at www.epa.gov/climate-indicators.

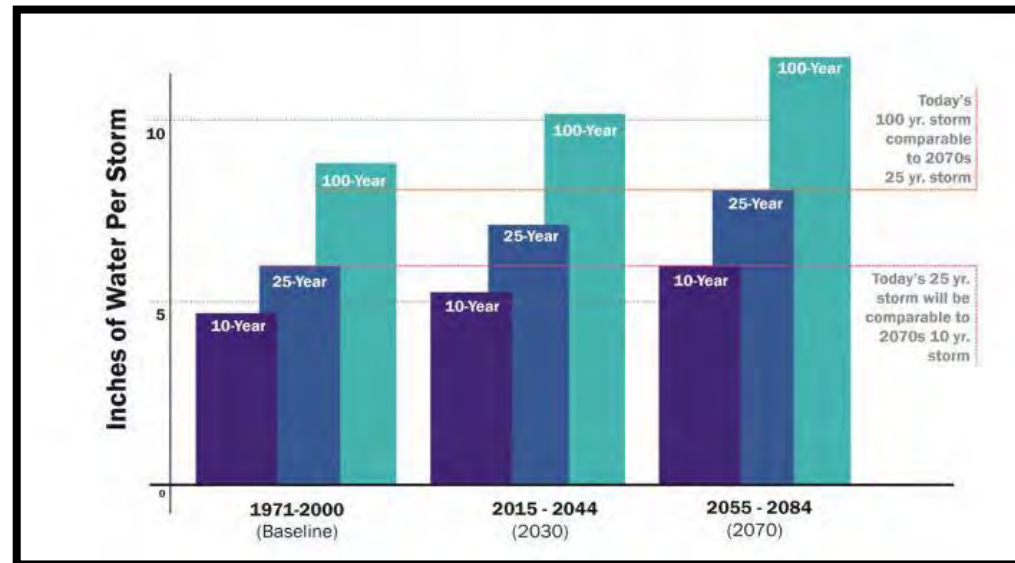
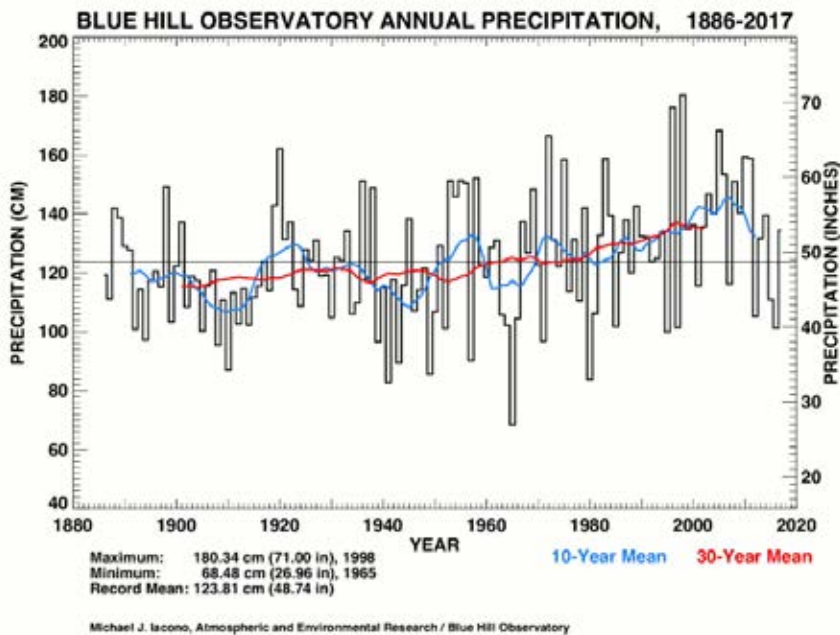


	Baseline			
	1961– 2010	2030	2050– 2070	2090– 2100
SC Annual Average	50°	52°-58°	52°-58°	53°-60°
SC Winter Average	31°	33°-35°	33°-39°	34°-40°
SC Summer Average	69°	71°-73°	71°-78°	72°-81°

[\[1\]](#) [\[3\]](#) Northeast Climate Science Center. UMass Amherst. "Massachusetts Climate Change Projections". December 2017

Sustainability (Climate): Element Outline

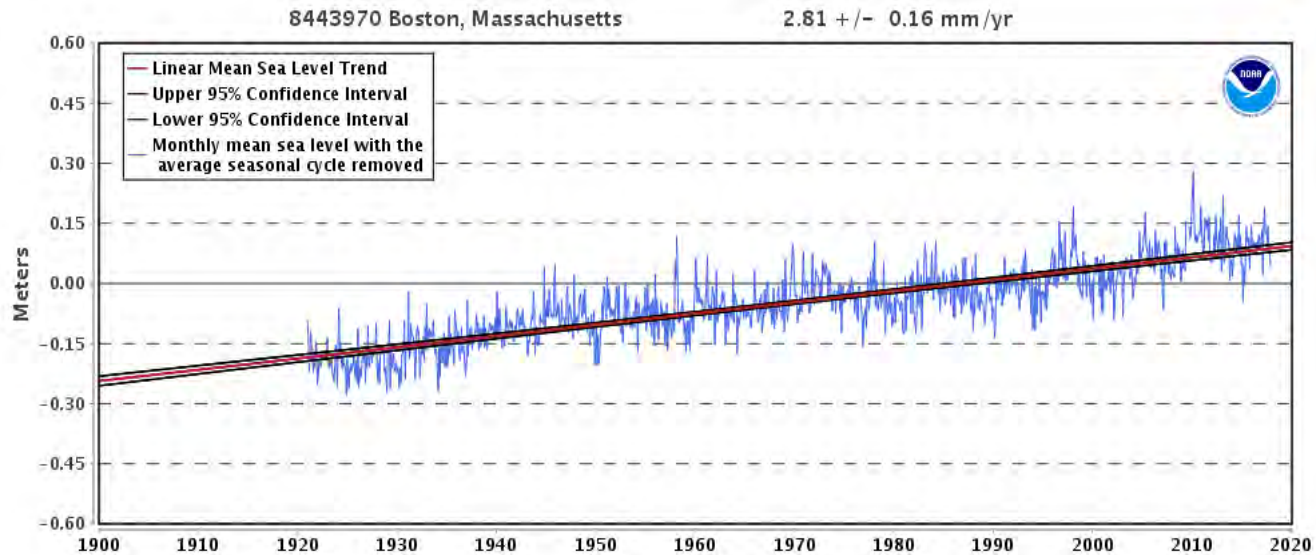
Precipitation Observed and Projected



Cambridge Climate Vulnerability Assessment 2015. Kleinfelder based on ATMOS projections November 2015

Sustainability (Climate):

Sea Level Rise Observed and Projected



	2030	2050	2070	2100
Boston BH_FRM ¹	8.00 in.	1.50 ft.	3.10 ft.	7.40 ft.
South Shore ²	8.04 in.	1.85 ft.	3.39 ft.	6.52 ft.
Boston Tide Gauge ³	0.4-0.9 ft.	0.8-1.5 ft.	1.3-2.4 ft.	2.0-4.0 ft.

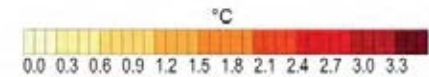
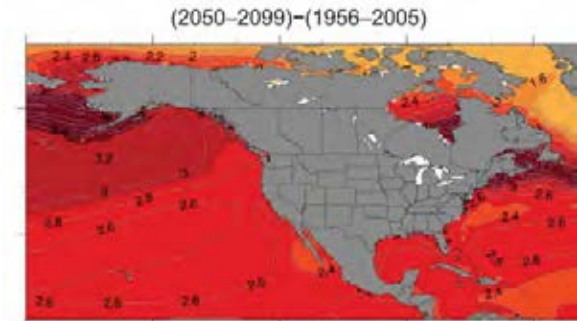
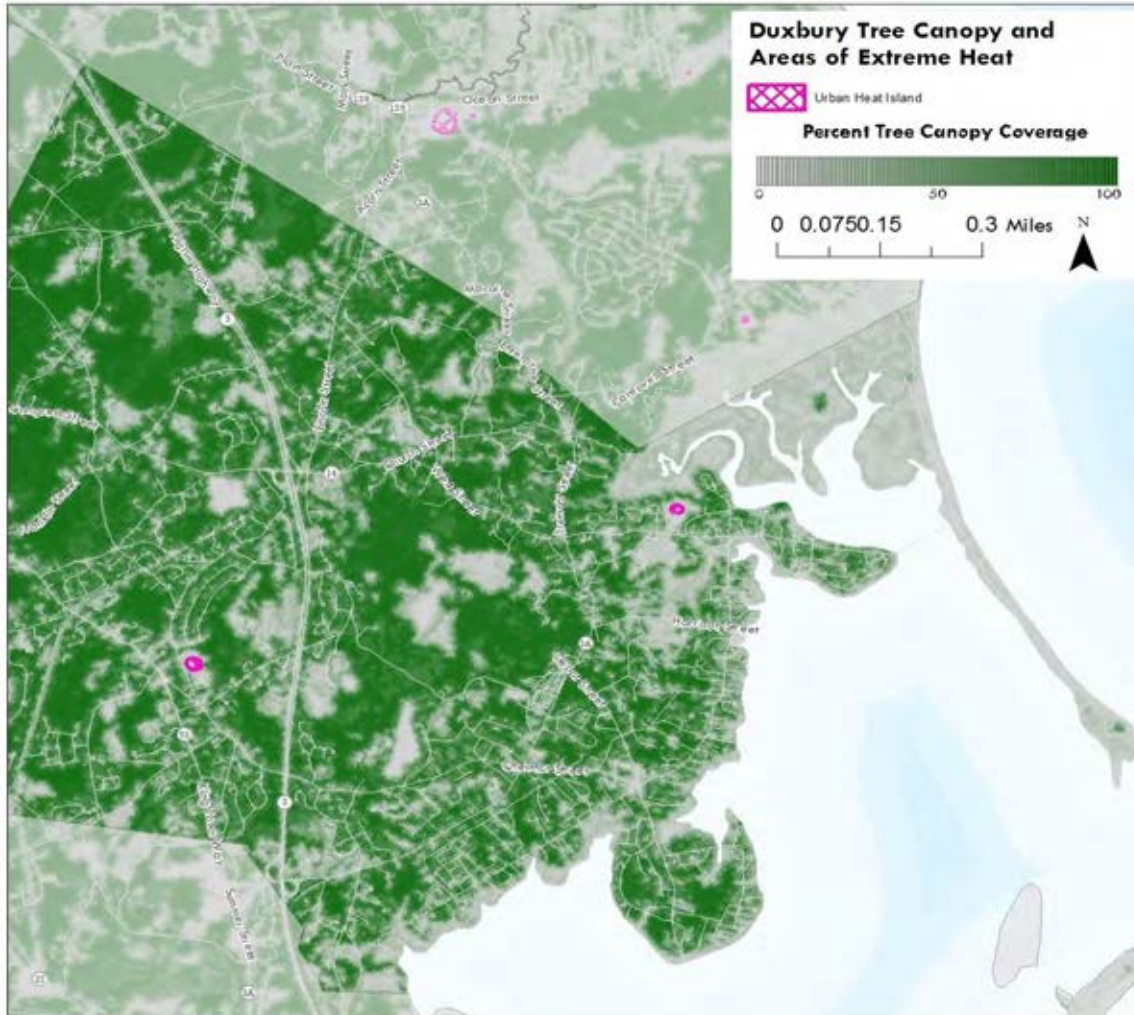
^[1] Douglas, E.M., Kirshen, P.H., Bosma, K., et al. 2017. Simulating the Impacts and Assessing the Vulnerability of the Central Artery/Tunnel System to Sea level Rise and Increased Coastal Flooding. *J Extreme Events* 3 (4): 1650013 (28 pages).

^[2] "Sea Level Rise Study. The Towns of Marshfield, Duxbury, Scituate, MA". 2013. Kleinfelder.

^[3] Northeast Climate Science Center. UMass Amherst. "Massachusetts Climate Change Projections". December 2017

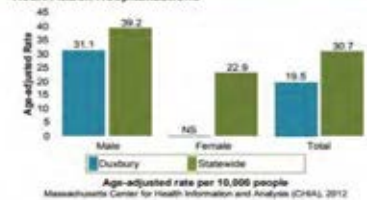
Sustainability (Climate):

Extreme Heat – Strengths and Vulnerabilities

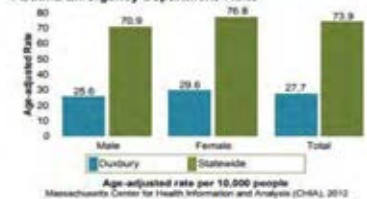


Projected changes in sea surface temperature (°C) for the coastal United States under the higher scenario (RCP8.5). Projected anomalies for the 2050–2099 period are calculated using a comparison from the average sea surface temperatures over 1956–2005. Projected changes are examined using the Coupled Model Intercomparison Project Phase 5 (CMIP5) suite of model simulations. (Figure source: NOAA)

Heart Attack Hospitalizations

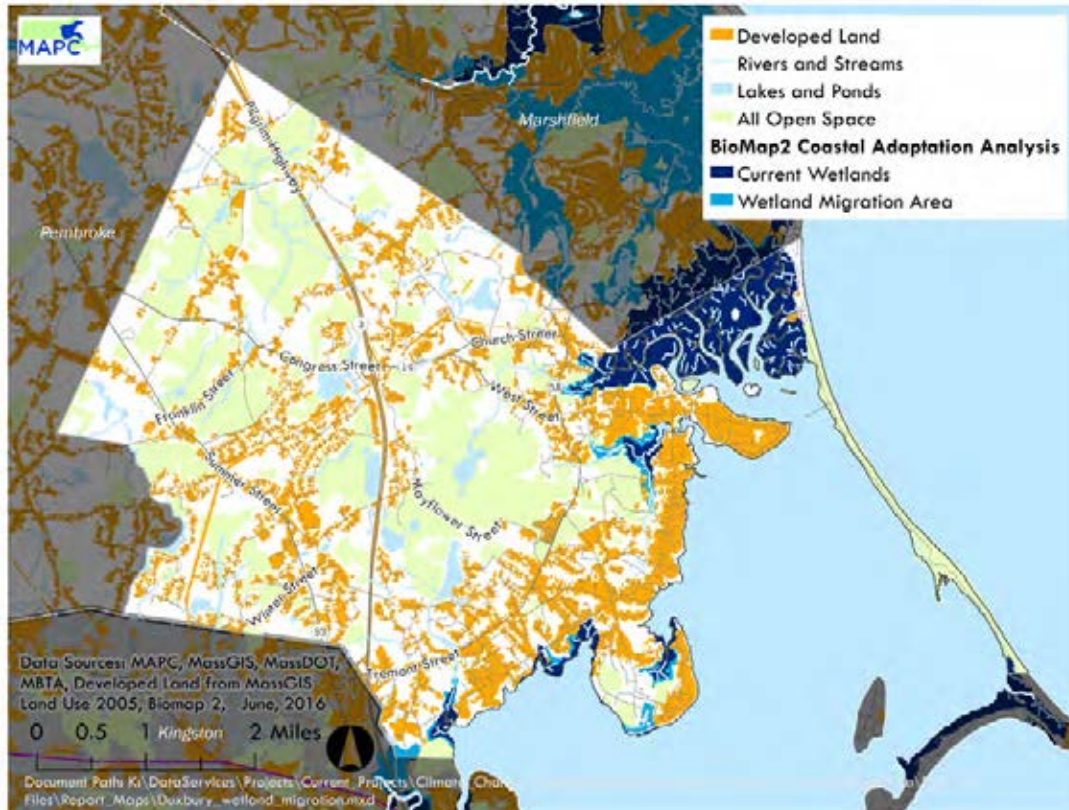


Asthma Emergency Department Visits



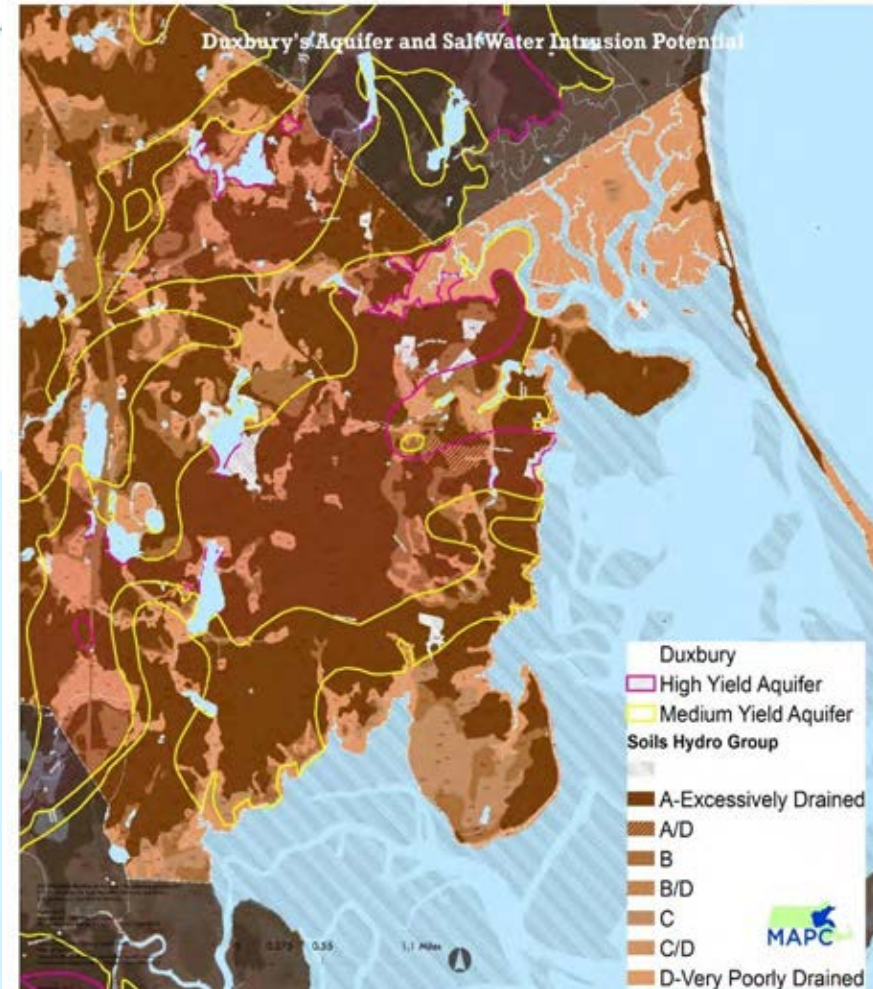
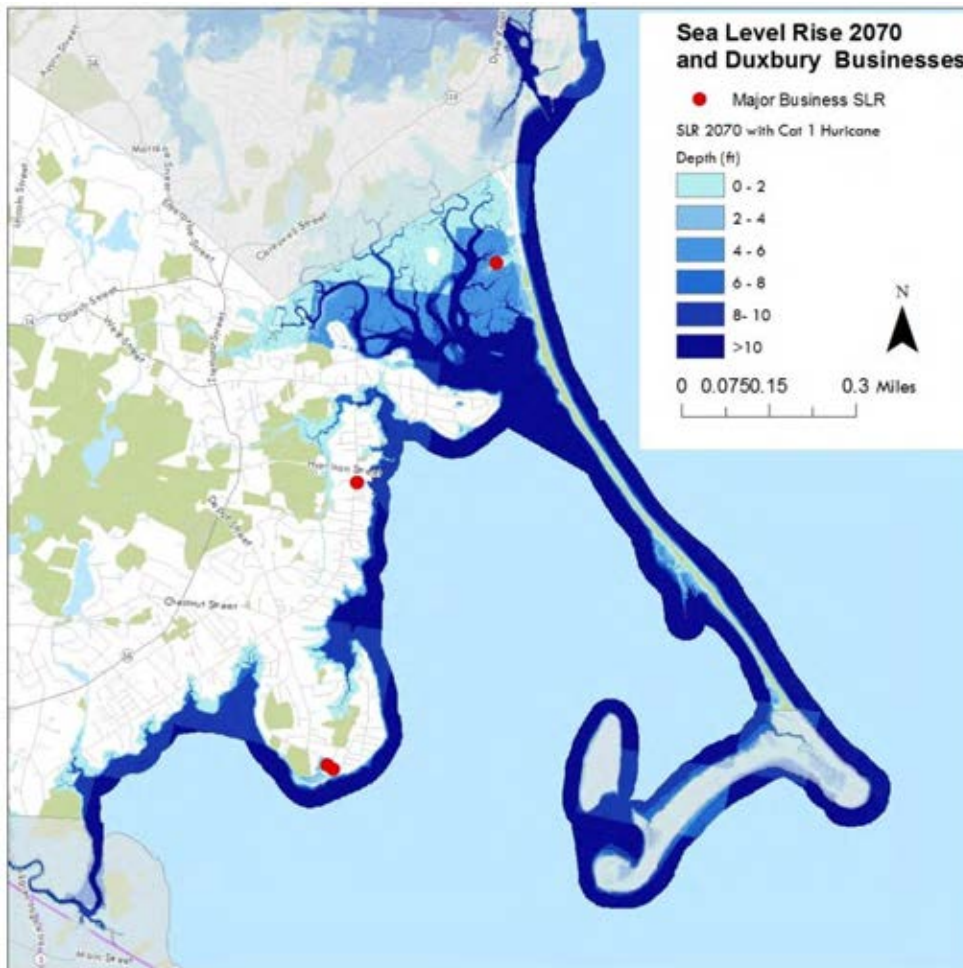
Sustainability (Climate):

Sea Level Rise – Strengths and Vulnerabilities



Sustainability (Climate):

Sea Level Rise – Strengths and Vulnerabilities

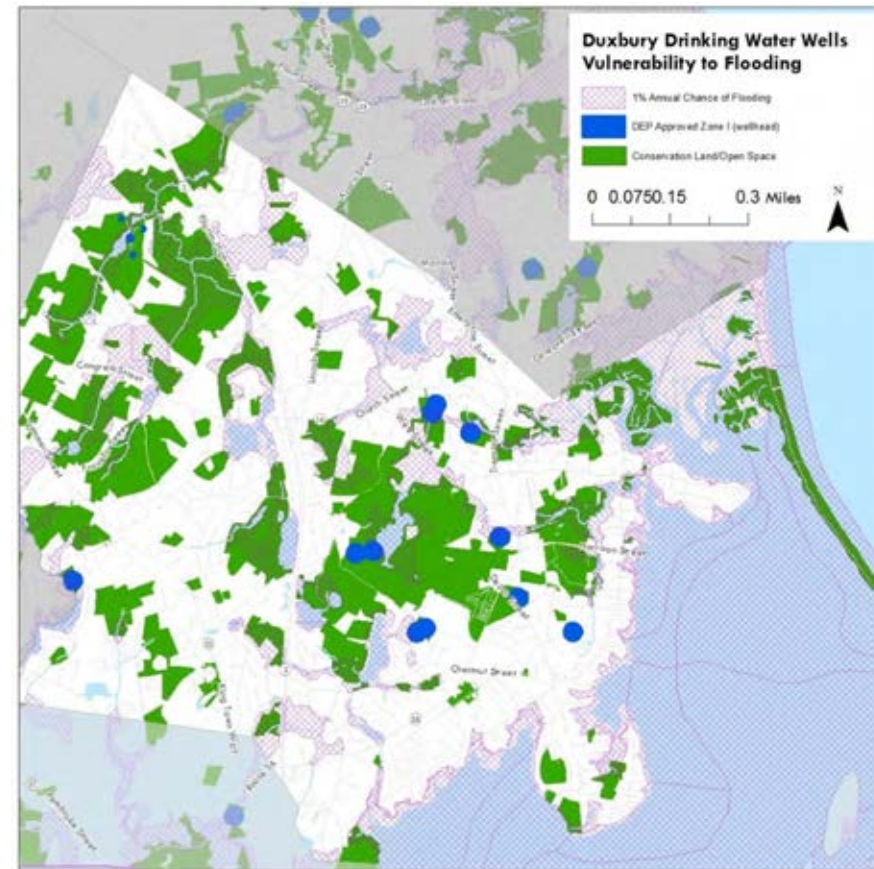


Sustainability (Climate):

Increased Precipitation-Strengths and Vulnerabilities

BioMap2 Core Habitat	Location	Acres	Core Type
1011	Duxbury Bay	12,815	Aquatic Core
947	North Hill Marsh/Town Forest	1,185	Wetland
1083	Camp Wing Conservation Area/ South River	374	Wetland/Aquatic Core
407	Island Creek	53	Aquatic Core

Waterbody	Category	Impairment
Duxbury Bay	5	Fecal coliform, discharges from municipal separate storm sewer systems (MS4)
Kingston Bay	5	Fecal coliform, discharges from municipal separate storm sewer systems (MS4)
Bluefish River	5	Fecal coliform, source unknown
Jones River (Kingston)	4a	Fecal coliform, discharges from municipal separate storm sewer systems (MS4)



Sustainability (Climate):

Integration Climate Vulnerability/Action Plan and Natural Hazard Mitigation Plan

1. Review the Climate Action Plan/Natural Hazard Mitigation Actions.
2. Evaluate impacts of climate vulnerability in all Envision Duxbury components.
3. Envision Duxbury recommendations have a climate resilience lens and application.





Open House



Open House Feedback

- We invite you to let us know your thoughts and priorities
 - Leave comments on boards
 - Follow exercises
 - Fill-in handout and return
 - Discuss with planning team members, but please also leave notes in writing

Thank you!

Stay connected to the process at:
Envisionduxbury.mapc.org



Next Steps

- Compile Community Forum results
- Draft Phase 2 element goals
- Next Planning Board Meeting – November
 - Review Community Forum results
 - Draft goals for Economic Development, Transportation and Circulation, Public Facilities and Services, Sustainability (Climate and Energy),
- Planning Board Meeting – February
 - Land Use and Zoning
 - Discussion of recommendations/implementation
 - Community Forum in March – Draft Recommendations and Prioritization
- **Community Forum – March**



ENVISION DUXBURY

Community Forum
October 24, 2018

