# Accessing Energy Efficiency in Massachusetts

## An Initial Review of Data

**FEBRUARY 2018** 

Prepared for Conservation Law Foundation



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#### Overview

In 2017, Massachusetts' "Mass Save" energy efficiency programs ranked number one in the annual efficiency scorecard produced by American Council for an Energy-Efficient Economy (ACEEE) for the seventh consecutive year. Mass Save's high ranking is not, however, a good indicator of whether low-income households are getting the services they need. Only 2 percent of a state's overall energy efficiency score is based on how well a state's program serves low-income families, and these scores do not consider any other differences in how well various communities are served.

According to the Mass Save program administrators, in 2016, the electric efficiency program had a benefit-cost ratio of 2.66 (that is, for every \$1 of cost to the administrators there were \$2.66 of benefits to customers) and the gas efficiency program of 1.95 (\$1 of cost to every \$1.95 of benefits). These numbers indicate strong performance on a broad scale, but, like the ACEEE ranking, average performance of the program as a whole may obscure uneven outcomes for distinct demographic groups.

Ten years after the passage of the law that established the Mass Save programs, a fundamental question remains: How well are Massachusetts' efficiency programs reaching under-served communities and harder-to-reach families?

#### Limits to available data

At present, it is not possible to answer that question completely. A rigorous examination of access to energy efficiency programs in Massachusetts would require data from the companies that administer Mass Save. These companies have not yet made these data publicly available.<sup>1</sup>

When approving and funding efficiency services and incentives, Mass Save program administrators have the capacity to track both energy savings from each measure used and basic characteristics about the family being served. Currently, efficiency program administrators have access to—but do not include in publicly available statistics—information regarding families that:

- have incomes that fall below 60 percent of the state median income,
- have incomes that fall below 80 percent of the state median income,
- have incomes that fall between 80 and 120 percent of the state median income,
- rent in one-to-four-unit buildings,
- rent in larger apartment buildings, and/or
- need language assistance to communicate with efficiency providers.

<sup>&</sup>lt;sup>1</sup> The DPU ordered the Mass Save program administrators in 2014 to develop a comprehensive Mass Save database. Order, D.P.U. 14-141, <u>http://170.63.40.34/DPU/FileRoomAPI/api/Attachments/Get/?path=14-141%2fOrder\_120114.pdf</u>. Certain obligations under this order have been stayed, but the Order as a whole has not been stayed or withdrawn.



Though not publicly available, these data both exist and are necessary to properly evaluate who benefits from the successes of Mass Save and determine where improvement is needed. Additional data would be helpful to more fully evaluate how Mass Save is reaching underserved households. This includes information on household member's age, race, and ethnicity. While not currently tracked, such data can be produced via anonymous surveys of program participants and reported frequently along with other evaluation, measurement and verification (EM&V) studies.

#### Findings of initial data review

Though working with limited available data, Applied Economics Clinic has produced this initial review of data through maps and other graphics. Table I (below) summarizes some of the differences in energy savings from town to town. A spreadsheet showing all the data used in this review is available at <a href="https://www.aeclinic.org/publicationpages/2018/2/26/accessing-energy-efficiency-in-massachusetts">www.aeclinic.org/publicationpages/2018/2/26/accessing-energy-efficiency-in-massachusetts</a>.

- There are substantial differences in energy savings among Massachusetts towns. On average, across the whole of Massachusetts, families used 2.8 percent less energy between 2013 and 2015 than they would have without these programs. Energy savings ranged from 0.3 percent of total energy usage in Taunton to 6.7 percent in Tisbury.
- On average, Boston has achieved more efficiency savings than the rest of the **Commonwealth.** While the average savings for Boston reached 3.2 percent, towns outside of Boston only achieved 2.7 percent savings.
- Boston neighborhoods, however, show wide disparities in efficiency savings. Average savings among Boston's neighborhoods ranged from 1.7 percent in Allston (02134) to 6.6 percent in Fenway (02115).
- Lower-income communities are receiving lower efficiency savings. Families in towns and Boston neighborhoods with median household incomes of \$45,000 or less averaged 1.9 percent in savings, while the remaining towns and neighborhoods averaged 2.7 percent. The median household income for Massachusetts as a whole is \$71,000.
- Savings differ by efficiency program administrator. Across the different gas distributors, total average savings by town or neighborhood for both gas and electric efficiency programs ranged from 2.0 to 4.3 percent. Across the electric distributors, total average savings by town or neighborhood for both gas and electric efficiency programs ranged from 1.6 to 2.7 percent.



### Data and methodology

This initial review of geographic data available on <u>www.masssavedate.com</u>—maintained by the Mass Save program administrators—provides information about efficiency savings and the composition of the population for each town in Massachusetts as well as 29 Boston neighborhoods by zip code. Mass Save's geographic data suffer from numerous limitations<sup>2</sup> and, when aggregated to the state level, do not match state total data presented elsewhere on the same website and submitted by the efficiency program administrators to the Massachusetts Department of Public Utilities. In addition, the information presented regarding these geographic data do not make clear whether or not the data include electric savings from gas programs, gas savings from electric programs, and/or oil and propane savings from any programs. To derive a value for energy savings for this review, we combined gas and electric savings on the basis of their greenhouse gas emission reductions.

All demographic data are taken from the U.S. Census Bureau's annual American Community Survey's average 2011 to 2015 tables (www.factfinder.census.gov), which present data at the zip code level. It should be emphasized that the demographic information considered here—median income, renters, nativity, English language skill, and race/ethnicity—refers to each town in its entirety, and is not limited to the group of families that have received efficiency services. It is not possible, therefore, to make conclusions regarding uneven provision of efficiency services to different Massachusetts groups. The findings of this review point towards unequal access to energy efficiency in Massachusetts, but do not provide conclusive proof. Further data and analysis are needed to provide insight into how Massachusetts' distribution of energy efficiency access can be improved.

<sup>&</sup>lt;sup>2</sup> Including the limitations described on the <u>www.masssavedata.com</u> website:

This data is sourced from residential and C&I customer profile studies...,which use gross savings and incentives data collected from a combination of PA customer tracking and other vendor data (such as upstream lighting sales by store location) to geographically represent savings and spending across the Commonwealth. The study data does not always tie directly to the PA customer tracking systems and DPU reported savings, which take into account other factors, such as evaluation impact factors and attribution...Since actual purchasers of bulbs through the residential upstream lighting core initiative are not known a model was used to allocate savings and incentives to the census block group level. Behavioral savings were modeled at the block group level by assuming average monthly savings were attributed to participating households in each block group. The C&I data includes all upstream lighting installs and savings that could be geocoded.



#### Table I. Overview of Average Total Energy Efficiency Savings (2013-2015)

	2013-	2015 Average Total Savings	erage Total Savings (%)		
	Town/Neighborhood Count	Residential & Low-Income	Commercial & Industrial		
By Electric Utility					
Eversource	153	2.7%	2.5%		
National Grid	162	2.6%	2.2%		
Jnitil	3	1.6%	2.0%		
Municipal	40	1.6%	1.0%		
By Gas Utility					
Eversource	42	2.7%	3.4%		
National Grid	138	2.8%	2.1%		
Columbia	51	2.1%	2.1%		
Berkshire	20	2.3%	2.5%		
iberty Utilities	6	2.0%	2.6%		
Municipal	3	4.3%	N/A		
None	90	3.5%	2.8%		
Game Electric/Gas (1=Yes, 2=No)					
1	78	2.7%	2.9%		
2	300	2.5%	2.4%		
Median Income (MA: \$70,954)					
\$45000	17	1.9%	2.1%		
45,000-71,000	132	2.6%	2.2%		
571,000-110,000	180	2.7%	2.8%		
>\$110,000	49	2.6%	2.4%		
Renters					
10%+	68	2.5%	2.5%		
20-40%	128	2.7%	2.2%		
0-20%	181	2.6%	2.2%		
Percent White					
)5%+	86	2.5%	2.3%		
35-95%	175	2.7%	2.2%		
75-85%	59	2.7%	2.2%		
)-75%	58	2.4%	2.5%		
oreign Born					
)-5%	140	2.7%	2.2%		
5-20%	191	2.6%	2.2%		
20%+	47	2.6%	2.5%		
Speaks English "Less Than Very Well"					
)-5%	280	2.7%	2.2%		
5-20%	83	2.5%	2.5%		
20%+	15	2.5%	1.9%		
Boston		2.070	1.575		
Boston	28	3.2%	2.4%		
Not Boston	350	2.7%	2.4%		



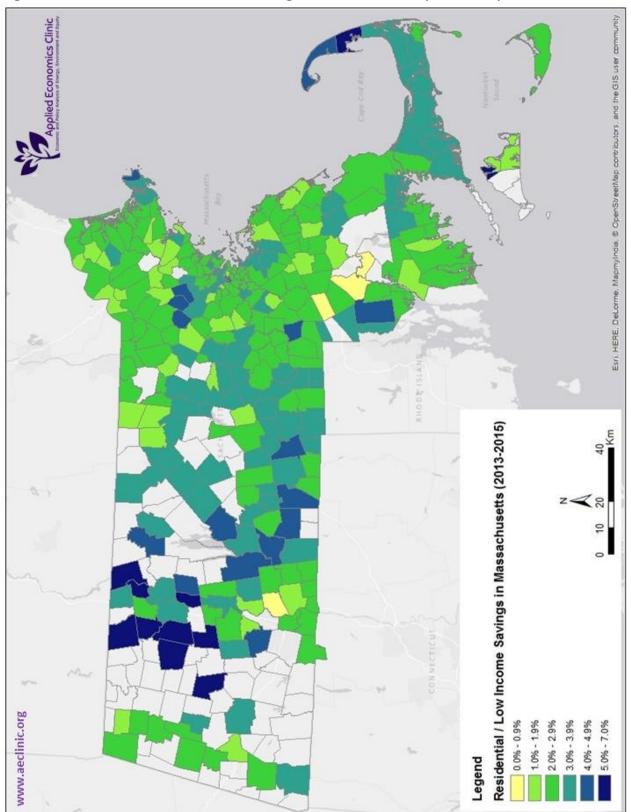
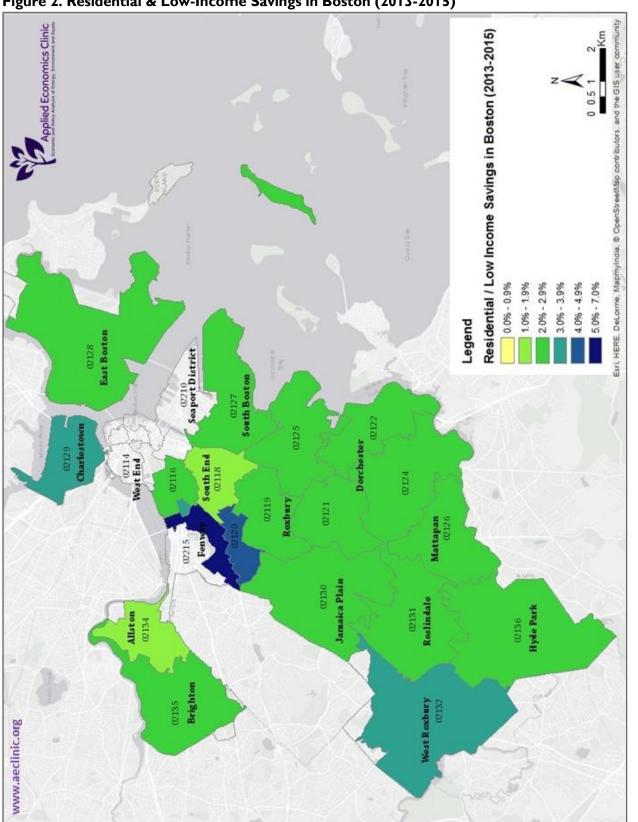


Figure 1. Residential & Low-Income Savings in Massachusetts (2013-2015)









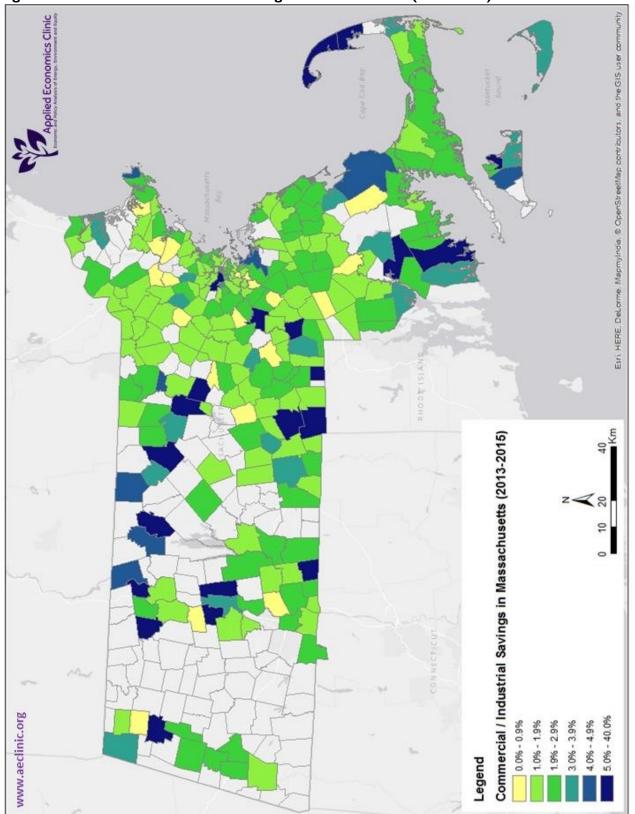


Figure 3. Commercial & Industrial Savings in Massachusetts (2013-2015)



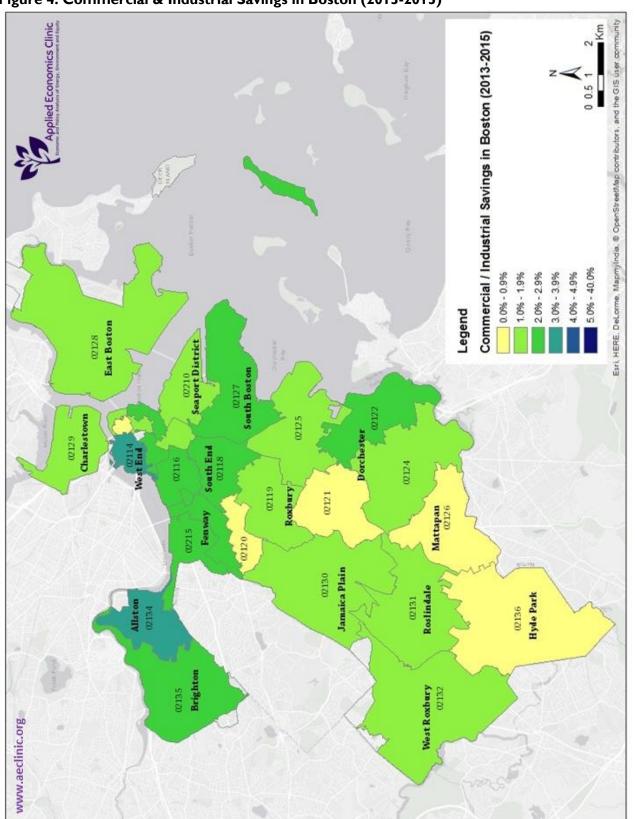
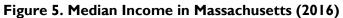
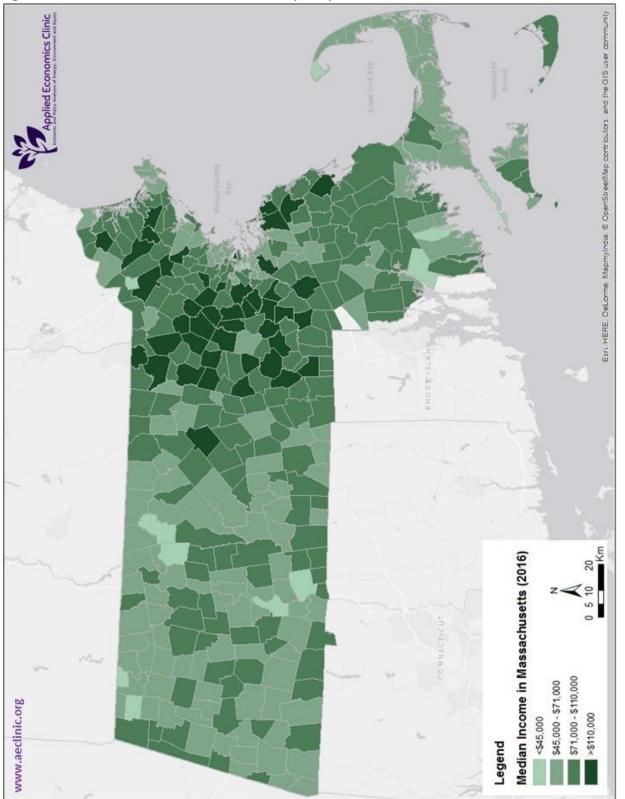


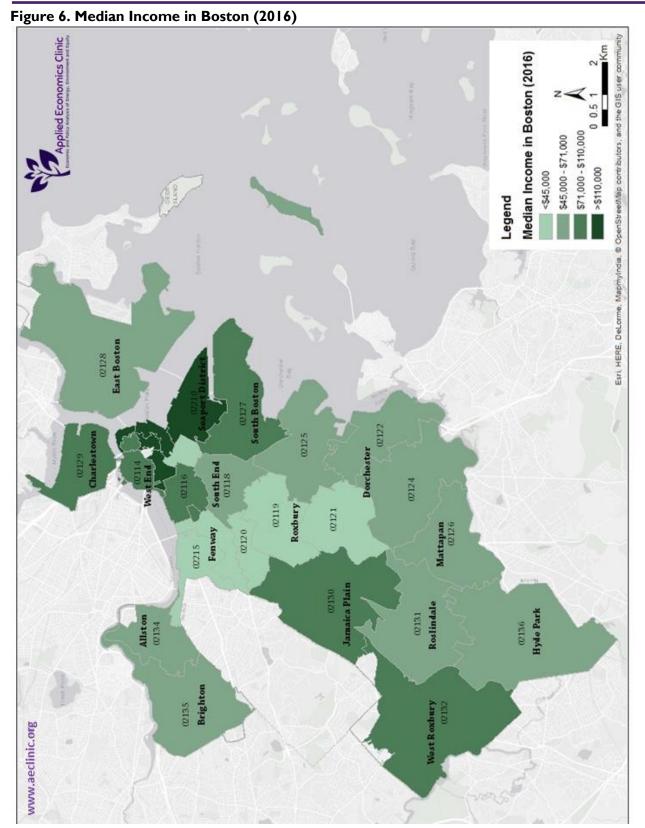
Figure 4. Commercial & Industrial Savings in Boston (2013-2015)













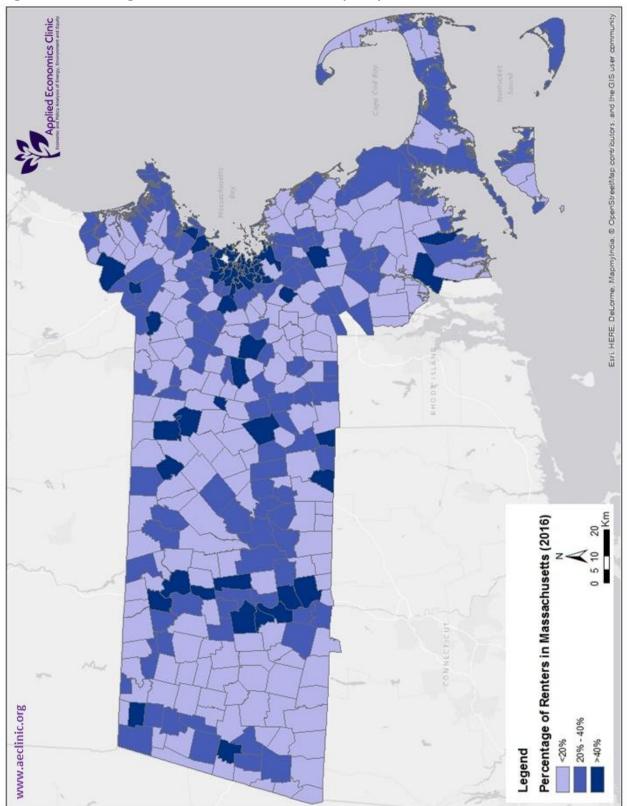


Figure 7. Percentage of Renters in Massachusetts (2016)



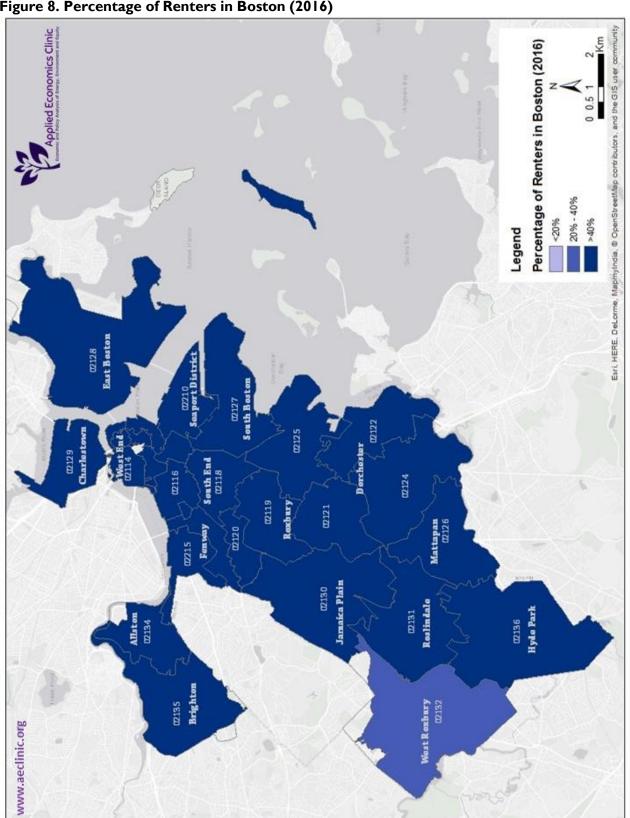


Figure 8. Percentage of Renters in Boston (2016)



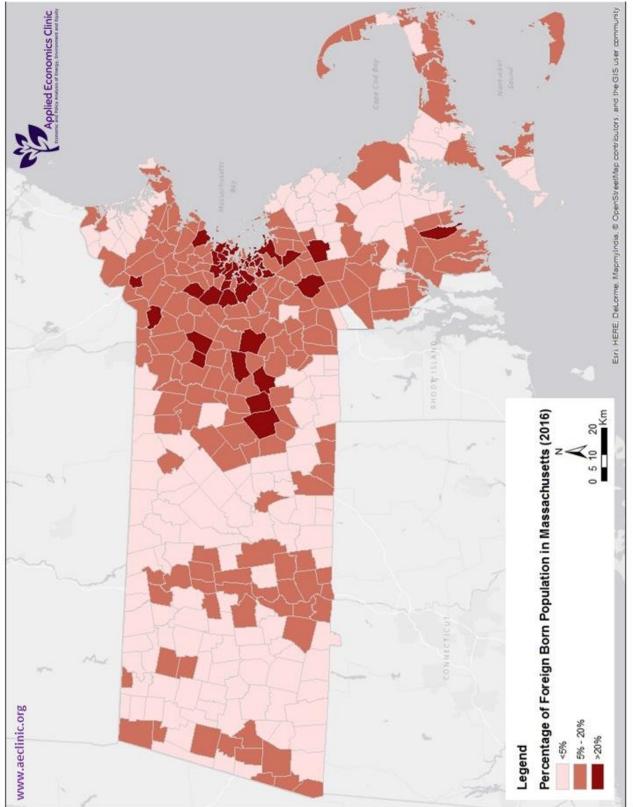


Figure 9. Percentage of Foreign Born Population in Massachusetts (2016)



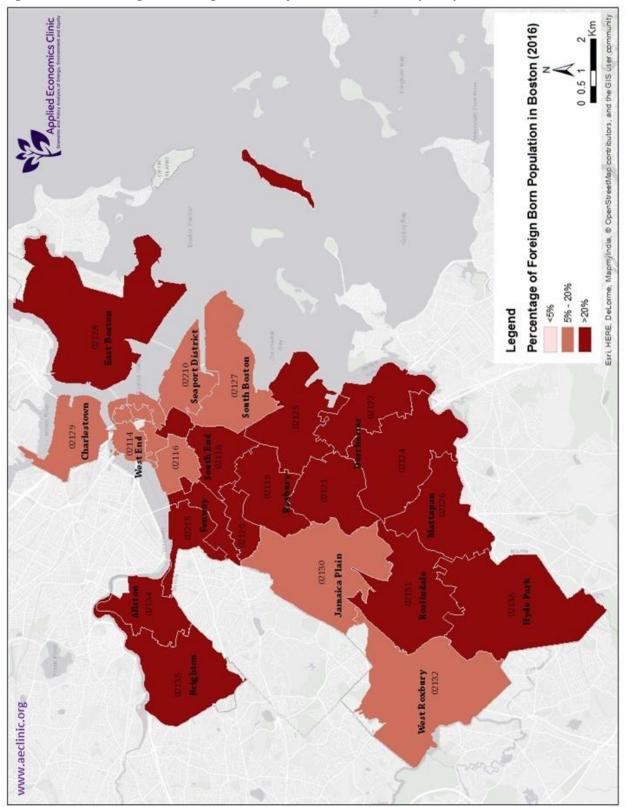
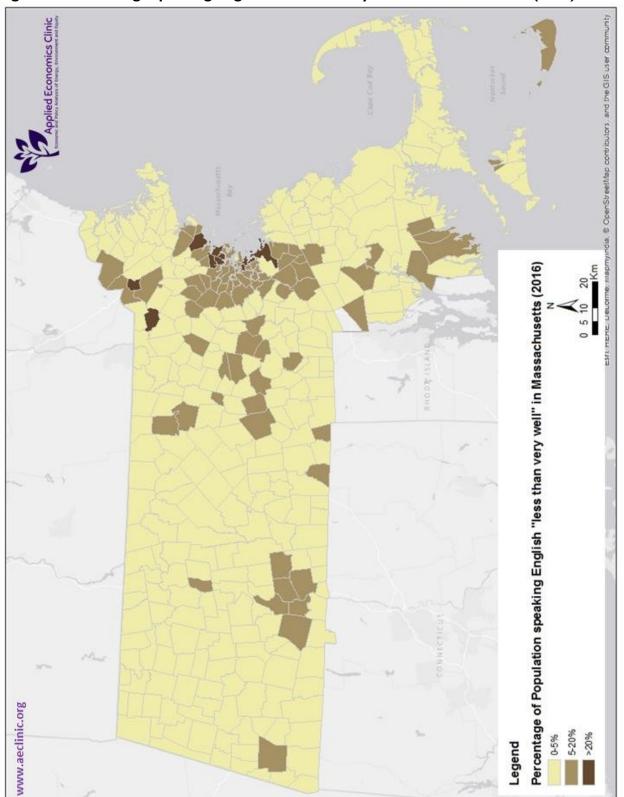


Figure 10. Percentage of Foreign Born Population in Boston (2016)









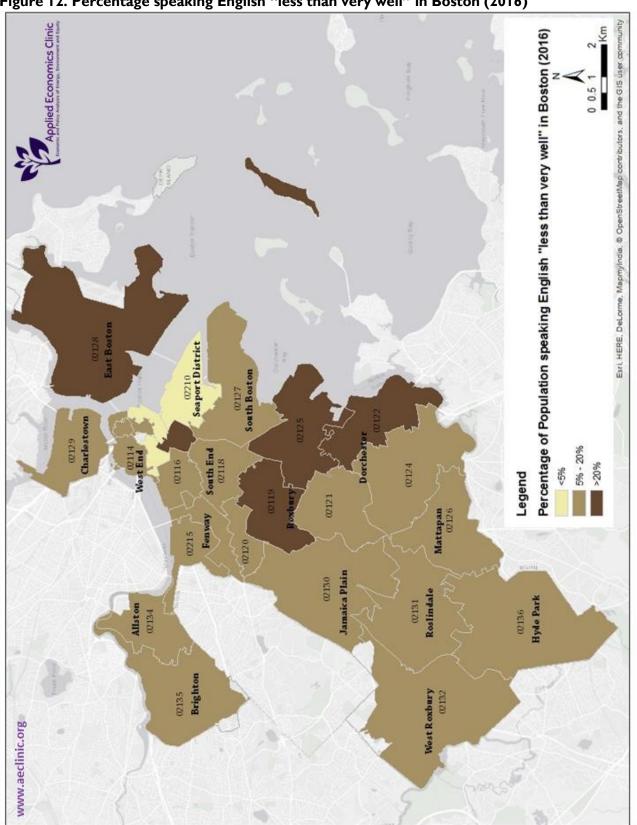


Figure 12. Percentage speaking English "less than very well" in Boston (2016)



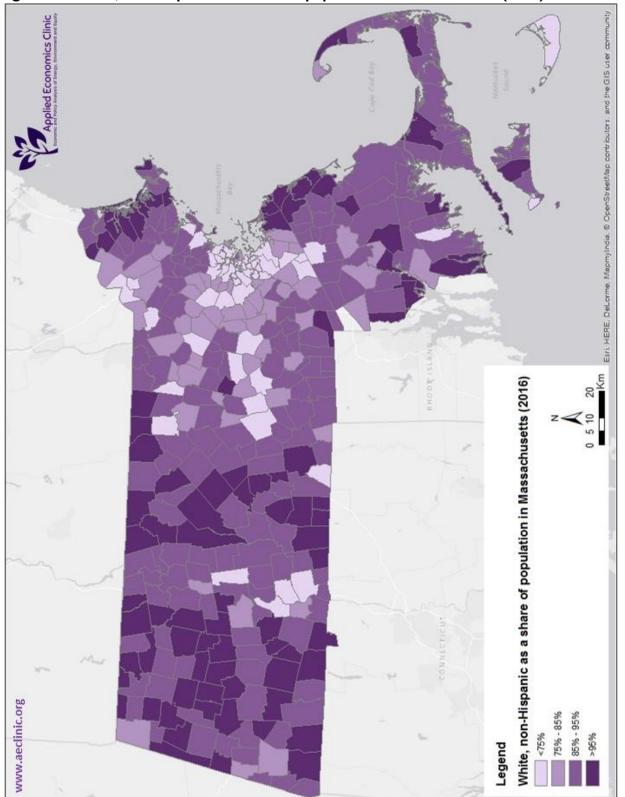


Figure 13. White, non-Hispanic as a share of population in Massachusetts (2016)



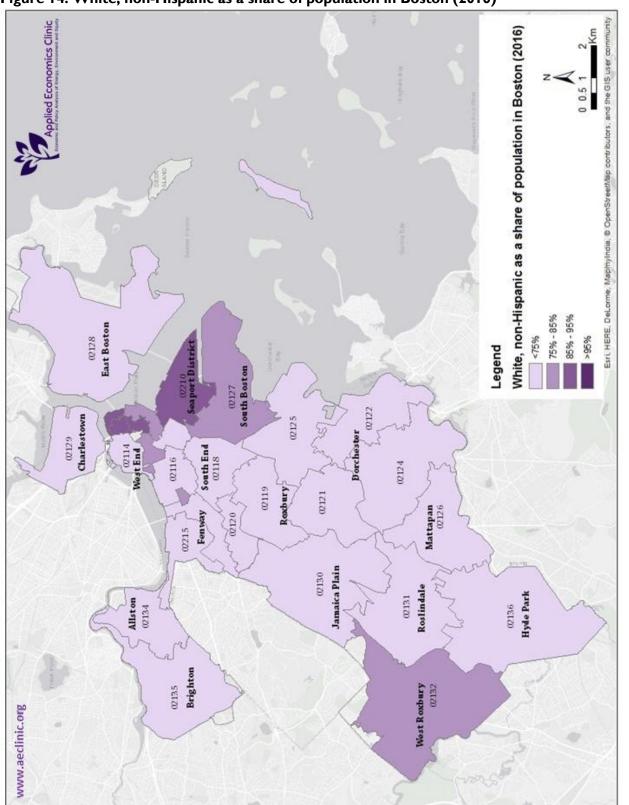


Figure 14. White, non-Hispanic as a share of population in Boston (2016)



Abington Acton		92% 71%			23%
Acushnet		93%			5%
Adams		96%			
Agawam		88%			7%
Alford Allston (02134)	57	94% %	5%	13%	21%
Amesbury	57	<i>7</i> / 94%	370	1370	21/6
Amherst		73%		5%	6% 13%
Andover		79%			13%
Aquinnah	40%		40%		19%
Arlington		80%			11%
Ashburnham Ashby		96%		-	
Ashfield		97% 97%			
Ashland		81%			5% 9%
Athol		92%			6%
Attleboro		84%			6%
Auburn		91%			5%
Avon		74%		11	
Ayer		83%	1		5% 5%
Back Bay (02116)		71%		5% 79	
Back Bay (02199) Barnstable		85% 88%			12%
Barre		96%	1		
Beacon Hill (02108)		83%			5%
Becket		94%			
Bedford		75%			5% 14%
Belchertown		91%			
Bellingham		93%			
Belmont		77%		_	5% 14%
Berkley Berlin		97% 96%			
Bernardston		96%			
Beverly		91%			
Billerica		87%			5%
Blackstone		94%			
Blandford		99%			
Bolton		91%			5%
Bourne		91%			201/
Boxborough Boxford		75% 93%			20%
Boylston		93%	1		
Braintree		82%	1		5% 9%
Brewster		96%			
Bridgewater		84%			7%
Brighton (02135)		66%		10%	16%
Brimfield		98%			
Brockton	40%	248/	39%		10% 9%
Brookfield		91%		60/	16%
Brookline Buckland		72% 94%		6%	16%
Burlington		76%		5%	15%
Cambridge		62%	1	0% 9%	15%
Canton 📃		81%			6% 7%
Carlisle		85%			10%
Carver		94%			
Charlemont		95%			
narlestown (02129)		71%		8%	11% 8%
Charlton Chatham		97%			
Chelmsford		91% 85%			9%
Chelsea	23% 5%	0370	66%		970
0%	10% 20% 3	30% 40% 509	% 60%	70% 80	90% 1
	White	Black Latino A	Asian 📕 Native	e American	Other



Chester Chester Chintope     74%     95%     95%       Chintope Chilmark     95%     95%     95%       Clintom     75%     95%       Clintom     75%     95%       Clintom     75%     95%       Clintom     75%     95%       Clintom     95%     95%       Consult     95%     95%       Darthouth     85%     95%       Dennis     95%     95%       Dorthester (2121)     15%     95%       Dorthester (2122)     15%     95%	Cheshire	1			98%					
Chesterfield     785     <						I				
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Clarksburg     99%     99%       Cliniton     79%     98%       Cohasset     98%     0%       Concord     83%     0%       Convay     97%     0%       Convay     99%     0%       Convay     99%     0%       Convay     99%     0%       Convay     99%     0%       Datton     99%     0%       Datton     99%     0%       Derhid     81%     0%       Derhid     91%     0%       Dorhester (0212)     3%     0%       Duntable     93%     0%       Duntable     93%     0%       Duntable     93%     0%       East bronkfield     93%     0%										
Clinton         72%         30%           Colrain         95%         6%           Convay         93%         6%           Daton         93%         6%           Daton         93%         6%           Dechield         93%         6%           Dechield         93%         6%           Dechield         93%         6%           Dechield         93%         7%           Dechield         93%         2%           Dorchester (02121)         3%         5%           Dorchester (02124)         3%         2%           Dorchester (02124)         3%         2%           Dorchester (02125)         3%         2%           Dorchester (02124)         3%         3%           Dorchester (02125)         3%         2%           Dorchester (02126)         3%         3%           Dorchester (02126)         3%         3%			38%			5	2%			
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Colrain     95%     6%				79				16%	_	
Concord     933     95%     95			1						-	
Conway     97%     97%       Cummington     99%     97%       Dartmouth     99%     97%       Dartmouth     89%     98%       Derfield     91%     98%       Deerfield     91%     98%       Derhester     91%     97%       Dichester (02122)     33%     28%     29%       Dorchester (02122)     33%     28%     20%       Dorchester (02122)     33%     28%     20%       Dorthester (02122)     33%     28%     20%       Dorthester (02128)     32%     28%     20%       Dualey     93%     20%     10%       East Boston (02128)     32%     20%     10%       Eastand     93%     20%     10%       Eastand     93%								6%	6%	
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Dennis     91%     91%     91%     91%       Dorchester (02121)     36%     65%     12%     18%     7%       Dorchester (02122)     16%     55%     18%     7%       Dorchester (02123)     36%     27%     20%     13%     9%       Dorchester (02124)     16%     55%     20%     13%     9%       Dorchester (02125)     36%     27%     20%     13%     9%       Douglas     36%     37%     38%     9%     38%       Downtown (02110)     55%     93%     38%     38%     38%       Dunstable     93%     32%     38%     38%     38%       Dunstable     93%     32%     38%     38%     38%       Dunstable     93%     32%     38%     38%     38%       East Bridgewater     93%     38%     38%     38%     38%       East Bridgewater <td></td> <td></td> <td></td> <td>8</td> <td></td> <td></td> <td></td> <td>8%</td> <td>7%</td> <td></td>				8				8%	7%	
Dightom     3%     65%     28     28     288     288 </td <td></td>										
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North End (02113) North Reading Northampton Northborough			8	90% 90% 31% 84%		8%	5% 6%	
North End (02113) North Reading Northampton Northborough Northbridge			8	90% 90% 31% 84% 91%		8%	5% 69 69	
North End (02113) North Reading Northampton Northborough Northbridge Northfield			8	90% 90% 31% 84% 91% 95%		8%	5% 69 69	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton			8	90% 90% 31% 84% 91%		8%	5% 69 69	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norton			8	90% 90% 31% 84% 91% 95%		8%	5% 69 69	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood				90% 90% 31% 84% 91% 95% 93%		8%	5% 69 10%	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood				90% 90% 81% 84% 95% 95% 93% 96%			5% 69 10%	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwell Oak Bluffs				90% 90% 81% 84% 91% 95% 93% 93% 96% 81% 86%			5% 69 10%	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham				90% 90% 81% 84% 91% 95% 93% 93% 96%			5% 69 10%	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange				90% 90% 81% 84% 91% 95% 93% 96% 11% 86% 96% 96%			5% 69 10%	
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North End (02113) North Reading Northampton Northboridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis				90% 90% 84% 91% 95% 93% 96% 11% 86% 96% 96% 95% 98%			5% 69 10% 7%	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford				90% 90% 11% 84% 91% 95% 93% 95% 96% 96% 96% 95% 98%			5% 69 10%	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer				90% 90% 11% 84% 91% 95% 93% 96% 96% 96% 96% 96% 96% 95% 98% 88%			5% 69 10% 7%	6
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton				90% 90% 11% 84% 91% 95% 93% 93% 96% 96% 96% 96% 95% 98% 89% 89%			5% 69 10% 7% 7% 9%	6
North End (02113) North Reading Northampton Northbrough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton Peabody				90% 90% 11% 84% 91% 95% 93% 96% 96% 96% 96% 95% 98% 89% 89% 89%			5% 69 10% 7% 7% 9%	6
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton Peabody Pelham				90% 90% 84% 84% 91% 95% 93% 93% 96% 96% 96% 96% 95% 98% 98% 89% 94% 88% 88% 85%			5% 69 10% 7% 7% 9%	6
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Peabody Pelham Pembroke				90% 90% 84% 91% 95% 93% 93% 96% 96% 96% 96% 96% 95% 98% 89% 94% 88% 88% 88% 85% 85%			5% 69 10% 7% 7% 9%	6
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton Peabody Pelham Pembroke Pepperell				90% 90% 1% 84% 91% 95% 93% 93% 96% 96% 96% 96% 95% 98% 98% 98% 89% 94% 88% 88% 87% 87% 87%			5% 69 10% 7% 7% 9%	6
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton Peabody Pelham Pembroke				90% 90% 84% 91% 95% 93% 93% 96% 96% 96% 96% 96% 95% 98% 89% 94% 88% 88% 88% 85% 85%			5% 69 10% 7% 7% 9%	6
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton Peabody Pelham Pembroke Pepperell Peru			8	90% 90% 11% 84% 91% 95% 93% 96% 96% 96% 96% 95% 98% 85% 88% 85% 85% 87% 93% 93%	6.04 7.00	6%	5% 69 69 10% 7% 7%	
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton Peabody Pelham Pembroke Pepperell	10%	20%	8	90% 90% 1% 84% 91% 95% 93% 93% 96% 96% 96% 96% 95% 98% 98% 98% 89% 94% 88% 88% 87% 87% 87%	60% 70%	6%	5% 69 10% 7% 7% 9%	6
North End (02113) North Reading Northampton Northborough Northbridge Northfield Norton Norwell Norwood Oak Bluffs Oakham Orange Orleans Otis Oxford Palmer Paxton Peabody Pelham Pembroke Pepperell Peru	10%	20%	30% 4	90% 90% 11% 84% 91% 95% 93% 96% 96% 96% 96% 95% 98% 85% 88% 85% 85% 87% 93% 93%		6%	5% 69 69 10% 7% 7%	



Petersham				96%				
Phillipston				93%				
Pittsfield				85%			5% 5%	5
Plainfield				90%				
Plainville				93%				
Plymouth				92%				
Plympton				95%				
Princeton				91%				6%
Provincetown				85%			6%	
Quincy			51%		5%		28%	
Randolph	3	38%			38%	8	% 12%	5%
Raynham				87%				
Reading				91%				5%
Rehoboth				94%				
Revere		58	%		5%	28%	(	5%
Richmond				95%				
Rochester				92%				
Rockland				92%				
Rockport				96%				
Roslindale (02131)		49%			22%		24%	
Rowé				98%				
Rowley				98%				
Roxbury (02119)	10%		54%			28%		
Roxbury (02120)		38%		23%		21%	16%	
Royalston				98%		1		
Russell				95%				
Rutland				95%				
Salem			74%	5570		5%	16%	
Salisbury			7470	93%		370	10/0	
Sandisfield				94%				
Sandwich				94%				
				95% 87%			E0/	
Saugus							5%	5.07
Savoy		-		86%			7%	5%
Scituate		-		96%			_	c0/
eaport District (02210)				88%				6%
Seekonk				95%				
Sharon			76%				16%	
Sheffield				99%				
Shelburne				97%				
Sherborn				90%				5%
Shirley			68%			8%		6%
Shrewsbury			74%				17%	
Shutesbury				89%			5%	5
Somerset				97%				
Somerville			70%			6%	9% 10%	
South Boston (02127)			77%			69	6 11%	5%
South End (02118)		46%			16%	20%	15%	
South Hadley				86%			5%	
Southampton				98%				
Southborough				84%			11	%
Southbridge			62%			3	3%	
Southwick				96%				
Spencer				92%				
Springfield	339	6		19%		43%		
Sterling				91%				6%
Stockbridge	1			90%				
Stoneham	1			91%	1			
Stoughton			75%				14%	
Stoughton			1370	92%				
Sturbridge	1		-	95%				
Sudbury	-		-	95% 86%	-		9%	
Sunderland	1		789			_	6% 8%	
Sunderland			787				070 8%	
Sutton				95%				
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07	10/0		0,0 10	//0 50/1	, 00/0			
07		hite Bla				American		



Swampscott		93%	
Swansea		98%	
Taunton		84%	<mark>6%</mark> 6%
Templeton		98%	
Tewksbury		91%	
Tisbury		87%	7% 5%
Tolland		95%	
Topsfield		94%	
Townsend		95%	
Truro		96%	
Tyngsborough		88%	8%
Tyringham		99%	
Upton		90%	
Uxbridge 📃		93%	
Wakefield		92%	
Wales		97%	
Walpole		87%	
Waltham	66%	1	6% 13% 12%
Ware		92%	
Wareham		85%	10%
Warren		96%	
Warwick		95%	
Washington		96%	
Watertown	77%		10% 8%
Wayland		8 32%	10% 8%
Webster		52% 0%	11%
Wellesley	79		
Wellfleet	/9	% 93%	5% 11%
Wendell		94%	
Wenham		91%	
West Boylston	79		6% 12%
West Bridgewater		88%	6%
West Brookfield		93%	
West End (02114)	74%		9% 11%
West Newbury		98%	
est Roxbury (02132)	79		5% 7% 6%
West Springfield	79	1%	10% 5%
West Stockbridge 📃		85%	2% 7%
West Tisbury		96%	
Westborough 📃	69%		24%
Westfield		87%	8%
Westford	80	)%	17%
Westhampton		95%	
Westminster		95%	
Weston	80	0%	11%
Westport		98%	
Westwood		88%	7%
Weymouth		85%	5%
Whately		94%	370
Whitman		94%	
Wilbraham		94% 90%	
Williamsburg		98%	
Williamstown	78		5% 7% 5%
Wilmington		91%	5%
Winchendon		95%	
Winchester		83%	12%
Windsor		96%	
Winthrop		85%	12%
Woburn	8	82%	5% 6%
Worcester	57%		12% 21% 7%
Worthington		96%	
Wrentham		96%	
Yarmouth		91%	
0%	10% 20% 30% 40	0% 50% 60%	6 70% 80% 90% 100 <sup>°</sup>
	🔳 White 📕 Black 📒 La	tino 📃 Asian 🔳 N	ative American 🛛 🔳 Other