



State of Rhode Island and Providence Plantations
Office of the General Treasurer

Seth Magaziner
General Treasurer

February 20, 2019

Ms. Luly Massaro, Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

Re: Narragansett Bay Commission, Docket No. 4890

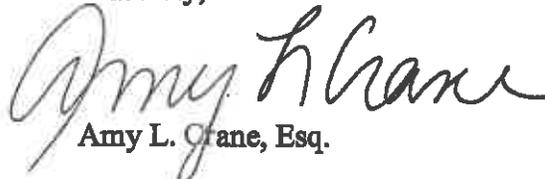
Dear Ms. Massaro,

As you know, General Treasurer Seth Magaziner filed a Motion to Intervene in the above-named matter on February 2, 2019. While it has not yet been determined whether the General Treasurer will be allowed to intervene in this matter, the Treasurer has acknowledged that as an Intervenor, he would be bound by the procedural schedule established between the parties. As Intervenor Direct Testimony must be submitted by February 20, 2019, the General Treasury now respectfully submits an original and nine (9) copies of the enclosed testimony for your consideration.

A copy of the enclosed has also been provided in electronic format to those identified on the service list for this matter.

Thank you for your attention to these matters.

Sincerely,



Amy L. Crane, Esq.

Enclosure

cc: Service List for Docket No. 4890

IN RE: NARRAGANSETT BAY COMMISSION

DOCKET No: 4890

PRE-FILED DIRECT TESTIMONY

OF

SETH MAGAZINER, GENERAL TREASURER

on behalf of

OFFICE OF THE GENERAL TREASURER

Filed: February 20, 2019

1 Q. **Could you please identify yourself and your place of work for the record?**

2 A. My name is Seth Magaziner and I am the General Treasurer of the State of Rhode Island.
3 My office is located at the State House in Providence, Rhode Island and I have been
4 fortunate to serve as Treasurer since January of 2015.

5
6 Q. **Did you review any materials prior to submitting your testimony?**

7 A. Yes. I reviewed all of the documents available in this general rate filing, all of the
8 documents related to the CSO Phase III project available on NBC's website including the
9 affordability analysis, and all of the financial information provided on NBC's website
10 including current and prior year budgets and NBC's capital improvement plan.
11 Additionally, I have reviewed a number of reports detailing assistance programs for
12 economically vulnerable ratepayers that have been adopted by other sewer and water
13 utilities.

14
15 Q. **What does the General Treasurer do?**

16 A. By law, the General Treasurer has a number of responsibilities. As Treasurer I am the
17 primary steward of most funds of the state and responsible for the proper disbursement of
18 those funds. Our office houses and provides support to the state retirement board, state
19 investment commission, and the public finance management board (PFMB). The General
20 Treasurer also has a role in the administration of state liabilities, including the state's
21 bonding, pension liabilities and other post-employment liabilities. Our office manages a
22 number of state programs including the Unclaimed Property Division, Crime Victims
23 Compensation Fund and college savings plans. Additionally, by nature of my position I

1 serve as chair, ex-officio or as a member on a number of boards and commissions of the
2 state and of state quasi-public agencies.

3

4 **Q. How does your role as General Treasurer relate to this matter?**

5 A. My responsibilities as Chair of the PFMB and as the executive responsible for the Office
6 of Debt Management compel me to be involved in this matter.

7

8 Under Rhode Island law, the PFMB is tasked with monitoring public borrowing practices
9 at the state, quasi-public, public, and municipal levels, issuing advisory opinions to these
10 entities on matters of public debt and publishing a comprehensive report on public debt
11 capacity in Rhode Island every two years. To support these efforts, in 2016, the General
12 Assembly passed legislation that created an Office of Debt Management within my
13 office.

14

15 In accordance with these responsibilities, my staff and I spend a lot of time studying
16 issues of public debt affordability at all levels. I believe it is clear that the General
17 Assembly intended the PFMB and our office to not just be passive observers on these
18 matters, but to weigh in when we have concerns about the affordability of existing or
19 planned public debt.

20

21 Narragansett Bay Commission (“NBC”) has historically been one of the largest issuers of
22 public debt in Rhode Island. According to NBC’s Fiscal Year 2019 Budget, total

1 outstanding debt as of June 30, 2018 was more than \$594 million¹. Additionally, the
2 NBC's capital improvement plan calls for nearly \$300 million of additional borrowing
3 between now and Fiscal Year 2024², primarily to support phase three of the Combined
4 Sewer Overflow (CSO III) program.

5
6 While the details of the financing of CSO III are still subject to change, it appears that
7 CSO III will require the largest amount of borrowing for any infrastructure project in
8 state history.

9
10 I can speak for myself, Treasury, and the PFMB when I say that we are very appreciative
11 of the work that NBC has done to improve our state's environment and strengthen our
12 economy. I am also hopeful that the CSO III project will move forward to further
13 enhance this work. But in our view, the level of existing and planned borrowing has
14 caused us to reach the point where a serious discussion must be had about the
15 affordability of this debt to ratepayers.

16
17 **Q. Can you elaborate on how you define and measure the affordability of public debt?**

18 **A.** Yes. There are many different measures that can be used to assess the affordability of
19 public debt, and the PFMB and Office of Debt Management look at many metrics when
20 attempting to determine the level of public borrowing that is affordable. Generally

¹ See Narragansett Bay Commission Fiscal Year 2019 Budget:
<http://www.narrabay.com/media/1390/FY%202019%20Budget.pdf> at page 341.

² *Id.* at p. 289.

1 speaking however, most of the metrics commonly used to assess debt affordability fall
2 into two categories.

3
4 The first category of metrics compare the cost of debt service payments to the availability
5 of revenue to make those payments. Here, we look at the ability of the agency, in this
6 case NBC, to raise revenues, and whether those revenues will exceed the cost of the
7 agency's operating expenses and debt service commitments, usually with an additional
8 margin of safety. The specific metrics used here are typically called coverage ratios or
9 additional bonds tests.

10
11 By this set of metrics, we feel that NBC is in good shape. By our estimates, in fiscal year
12 2018 NBC raised 1.32x the net revenue necessary to meet its debt service payments,
13 which compares favorably to credit rating agency guidance and is roughly in line with
14 NBC's closest peers in other states. Additionally, NBC has fairly broad authority to raise
15 rates to meet the larger projected debt service costs in the future, subject to PUC
16 approval.

17
18 However, there is a second category of debt affordability metrics that are also considered
19 by the PFMB, Treasury and the public finance community at large. This set of
20 considerations has to do with the ability of the underlying population to afford the rates
21 that are being charged. This is the area where our concern lies.

22

1 Q. **What is it that makes you concerned about affordability of NBC’s borrowing for**
2 **ratepayers?**

3 A. The EPA measures affordability of sewer rates through a residential indicator. Under this
4 measure, the area serviced by a utility like NBC is assigned a Financial Capability Index
5 Score, and this score determines how high a rate the EPA would define as a “high
6 burden”.

7
8 In the CSO Control Facilities Phase III Amended Reevaluation Report published by NBC
9 in 2017, the NBC service area was found to have a “Mid-Range” Financial Capability
10 Score³, which means that the EPA would consider a sewer rate to be a high burden if the
11 rate exceeds 2% of median household income.

12
13 While the proposed rates for next year do not exceed 2% of median income across the
14 whole service area, it is important to note that the service area contains dramatic
15 differences in income levels from neighborhood to neighborhood, and that the proposed
16 rates for the coming year are unaffordable for broad swaths of the community that NBC
17 serves.

18
19 NBC projects that under the rate case currently being considered, the bill for the average
20 residential customer would increase to \$518.11. This would exceed 2% of annual income
21 for any household earning \$25,905.50 per year or less. According to the United States

³ See CSO Control Facilities Phase III Amended Reevaluation Report – Volume 1, November 2017:
http://www.narrabay.com/media/1499/PROG_Vol1PhIIIAmendedReevalReport_20171113.pdf at page 23 of
Chapter 1.

1 Census Bureau, in 2017 there were more than 40,000⁴ households in the NBC service
2 area who earned less than this amount, and for whom the proposed rates are likely
3 unaffordable.

4
5 While public borrowing is not the sole cause of this cost burden, it is a major contributing
6 factor. Debt service is NBC’s largest expenditure, projected to represent more than 46%
7 of the current year’s budget. This number will likely increase in the future as the CSO III
8 project progresses.

9
10 **Q. How are rates projected to become more unaffordable in the future?**

11 **A:** As NBC embarks on the CSO III project and other capital improvements, rates are
12 projected to become more unaffordable for many people in the coming years. In fact,
13 rates are projected to exceed NBC’s own affordability standard.

14
15 The 2017 CSO Control Facilities Phase III Amended Reevaluation Report states “NBC
16 considers a sewer rate that exceeds 2% of any member community’s median household
17 income and/or a rate that exceeds 2% of household income for more than one-third of its
18 ratepayers to be unaffordable.”⁵

19

⁴ This represents the total number of households according to available census data earning \$24,999 or less in the communities of Providence, Pawtucket, Central Falls, North Providence, Cumberland, Lincoln and Johnston. East Providence, Smithfield and Cranston communities were not included. Census data available here: <https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>.

⁵ See CSO Control Facilities Phase III Amended Reevaluation Report – Volume 1, November 2017: http://www.narrabay.com/media/1499/PROG_Vol1PhIIIAmendedReevalReport_20171113.pdf at pages 3 and 40.

1 In the same report, NBC projects that rates will exceed this standard on both counts. By
2 2026 across the whole service area, rates are projected to exceed 2% of income for 36%
3 of households and are projected to exceed 2% of median income for the City of Central
4 Falls.⁶

5
6 Again, much of this cost burden is driven by projected borrowing to finance the CSO III
7 and other projects.

8
9 **Q. How does the affordability of NBC's rates compare with its peers?**

10 A: It depends on how you look at it. In their FY 2019 budget, NBC includes data comparing
11 2017 annual sewer rates in 27 cities including Providence based on consumption of 120
12 HCF.⁷ By this measure, sewer costs in Providence rank 15th of the 27 cities. However, it
13 is worth noting that of the 26 other cities surveyed 21 have higher median household
14 incomes than Providence. What is affordable in a city with a median income level of
15 \$50,000 or \$60,000 per year might not be affordable in a city like Providence with a
16 median income of approximately \$40,000 per year. This is why EPA affordability
17 guidance is tied to income level.

18
19
20
21

⁶ *Id.* at p. 40 of Chapter 1.

⁷ See Narragansett Bay Commission Fiscal Year 2019 Budget:
<http://www.narrabay.com/media/1390/FY%202019%20Budget.pdf> at page 346.

1 Q. **What happens when rates are unaffordable?**

2 A: There are a number of impacts from high utility rates, but clearly the most significant
3 impact is that high rates erode the ability of low- and moderate-income families to meet
4 basic needs, to build wealth, and to fully participate in the economy.

5
6 NBC's rates on residential users are a combination of flat fees and consumption-based
7 charges. I am not aware of any research that shows that low- or moderate-income
8 households use significantly less water than wealthy households, so it stands to reason
9 that the total annual cost of NBC bills are similar for all residential ratepayers regardless
10 of income level. By NBC's own analysis, many Rhode Islanders will be paying as much
11 as 4% of their total household income on their sewer bills in the coming years.⁸ That is
12 money that these individuals will not have to pay for basic needs like food and medicine,
13 will not have on hand to help cover emergencies, and will not be able to use to save for
14 retirement or higher education. For families who make six figure incomes, a \$600 sewer
15 bill may be affordable. But for many other families, it represents a real economic
16 hardship.

17
18 Additionally, there could be larger demographic and macroeconomic impacts from high
19 utility rates. At a certain point, if it becomes unaffordable for low- and moderate-income
20 families to live in the NBC service area, many of these individuals will move elsewhere
21 either in Rhode Island or out of state. This could shrink the rate base and drive further

⁸ See CSO Control Facilities Phase III Amended Reevaluation Report – Volume 2, November 2017:
http://www.narrabay.com/media/1500/PROG_Vol2PhIIIAmendedReevalReport_20171113.pdf at Appendix 14.

1 cost increases for remaining NBC customers beyond what is already projected. I have not
2 seen these risks incorporated in any analysis of projected NBC rates to date.

3
4 **Q. What is the goal of your intervention in this matter?**

5 A. I would like to answer that question by first stating what my purpose is **not**. I would like
6 to make it clear that the purpose of my testimony is **not** to object to the CSO III project or
7 any of the other capital improvements proposed by NBC. I believe that the CSO III
8 project will provide for a cleaner environment and a stronger economy, and I do not wish
9 to impede or delay the project in any way. Nor is my goal to oppose NBC's case that it
10 should raise more revenue to achieve these ends in the coming year than it has in the past.

11
12 I wish to raise the concern that NBC's rates are already unaffordable for many people and
13 are projected to become even more unaffordable in the near future. Therefore, my goal
14 with this intervention is to work with NBC, the DPUC and any other relevant intervenors
15 to develop a plan to assist low income ratepayers in bearing the cost of these rate
16 increases. My hope is that we will be able to reach consensus on such a plan for the PUC
17 to consider as part of this general rate filing later in the spring.

18
19 **Q. Do you have a proposal for a plan to assist low- and moderate-income rate payers?**

20 A: While the details can only be worked out in collaboration with NBC and the DPUC, a
21 resolution might be a system where low-income ratepayers could be eligible for discounts
22 or rebates to help shield them from the cost of increasing rates. The cost of such a
23 program would be charged to the remainder of the rate base. Whatever resolution is

1 reached the ultimate goal is not just to provide relief to ratepayers who run into trouble
2 paying their bills; the goal is to help prevent people from getting into trouble in the first
3 place.

4
5 **Q. Have other utilities adopted solutions similar to what you seek in this matter?**

6 A: Yes. Here in Rhode Island, the PUC recently granted approval last spring in Docket No.
7 4780 for National Grid to adopt a tiered, progressive rate structure for electric bills,
8 where low-income ratepayers can apply for discounts to their bills.

9
10 Outside Rhode Island there are numerous examples of sewer and water authorities like
11 NBC adopting programs to assist various types of income constrained ratepayers. In 2016
12 the EPA published a report listing more than 200 such programs at sewer and water
13 utilities across the country. These programs include bill discounts, flexible terms, lifeline
14 rates and temporary assistance.

15
16 It is too early to say which model of program will work best in the Rhode Island context.
17 Our hope is that this process will allow us to work with NBC, the DPUC and others
18 through the spring to identify a good model that will create a fair and equitable system for
19 distributing ratepayer costs going forward.

1 Q. **Why should the PUC consider the issues you raise?**

2 A: First of all, rates are already unaffordable for many thousands of people, and will become
3 even more so under this rate filing. That alone makes this a good time to be engaging in
4 this conversation.

5
6 Second, although this filing does not deal with the CSO III directly, design and site
7 acquisition work related to CSO III is expected to begin in the coming year. There is
8 broad understanding that CSO III will add to the burden for lower income ratepayers, and
9 I believe it would advantage the PUC and the ratepayers for us to get out in front of this
10 issue and develop a plan now to make this plan more affordable for as many of our
11 residents as possible.

12
13 Q. **Is there anything else you would like to add at this time?**

14 A: I want to extend my appreciation to all of the parties in this matter, particularly NBC, the
15 DPUC, and the PUC. In the preliminary conversations we have had with NBC and the
16 DPUC in advance of our filing, the leadership teams at both organizations have been very
17 helpful and open to engaging with us through the intervention process.

18
19 There seems to be a common understanding among all parties that NBC's work to clean
20 up our waterways is vital to the State and all of its residents. There is also a common
21 understanding that rising rates are placing an increasing burden on low- and moderate-
22 income families.

23

1 I am optimistic that with these common understandings as a foundation, we can work
2 together through this process to develop a solution that will allow NBC's important work
3 to continue unimpeded, and also allow the costs of that work to be distributed in a more
4 equitable and fair fashion.

5

6 **Q. Does this conclude your testimony?**

7 A. Yes. Thank you.

CERTIFICATION OF TESTIMONY

General Treasurer Seth Magaziner does hereby depose and say as follows:

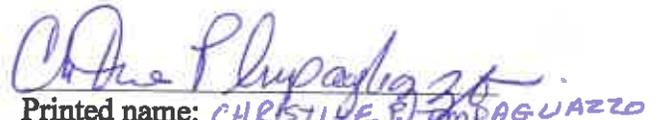
I, Seth Magaziner, as General Treasurer and Chair of the Public Finance Management Board, certify that the testimony which bears my name was prepared by me or under my supervision and is true and accurate to the best of my knowledge and belief.

Signed under the penalties of perjury this 19th day of February, 2019.


General Treasurer Seth Magaziner

State of Rhode Island
County of Providence

Subscribed and sworn to before me on this 19th day of February, 2019, by General Treasurer Seth Magaziner, personally known to the notary to be the person whose name is signed on this document.


Printed name: CHRISTINE P. IMPAGLIAZZO
ID Number: 57883
Notary Public
My Commission expires: 4/10/2022

CHRISTINE P. IMPAGLIAZZO
Notary Public-State of Rhode Island
My Commission Expires
4/10/22

EXHIBIT A

Narragansett Bay Commission Fiscal Year 2019 Budget

(Due to the voluminous nature of the document, only the relevant pages have been provided as an exhibit. The document in its entirety is accessible via the hyperlinks cited in the footnotes.)

NBC programs Restricted Account – CIP funds and Grant and Project Reimbursement Account funds for three specific purposes. First, to the extent possible, land and easement purchases are funded from these accounts so that NBC does not have to perform additional tracking that may be required with tax-exempt financing. Second, NBC uses these funds for smaller, unplanned, or emergency projects when it is not in NBC's best interest to go through the additional requirements associated with a federally subsidized program. Lastly, NBC programs these funds for interceptor improvements. It should be noted that the current capital budget does not include funding for contingency or placeholder projects.

The following table shows that in FY 2019, NBC plans to fund the CIP with \$20.0 million from the Restricted Account - CIP. In addition, NBC plans to fund the CIP with \$7.7 million from the Grant and Project Reimbursement Account and \$12.0 million in unspent 2016 Series A bond proceeds. NBC plans on borrowing \$45 million in FY 2019 from the RIIB and the funding source is shown in the table below as 2019 Series A (SRF). Lastly, the CIP contingency of \$4.9 million is unfunded. Please see the CIP Impact and Long-Term Plan section for a discussion of the FY 2020 – 2024 sources and uses and projected rate impacts.

Sources of Funds (Thousands)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2020-2024
Restricted Account - CIP	\$ 20,015	\$ 5,522	\$ 11,020	\$ 7,649	\$ 8,588	\$ 9,018	\$ 41,796
Grant and Project Reimbursement Account	7,716	-	-	-	-	-	-
2016 Series A (SRF)	11,966	-	-	-	-	-	-
2019 Series A (SRF)	11,862	28,020	5,119	-	-	-	33,138
New SRF Revenue Bonds	-	-	35,962	40,500	40,500	40,500	157,462
New Revenue Bonds	-	-	-	16,225	31,854	54,588	102,667
Unfunded	4,875	3,600	2,893	3,350	3,650	2,550	16,043
Total	\$ 36,434	\$ 37,142	\$ 54,994	\$ 67,724	\$ 84,593	\$ 106,655	\$ 351,107

Uses of Funds (Thousands)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total FY 2020-2024
Capital Improvements	\$ 50,559	\$ 33,542	\$ 51,291	\$ 63,312	\$ 79,724	\$ 102,660	\$ 330,527
Capital Improvements Contingency	4,875	3,600	2,893	3,350	3,650	2,550	16,043
Debt Service Payment Account	450	-	355	562	719	946	2,582
Cost of Issuance	550	-	455	500	500	500	1,955
Total	\$ 56,434	\$ 37,142	\$ 54,994	\$ 67,724	\$ 84,593	\$ 106,655	\$ 351,107

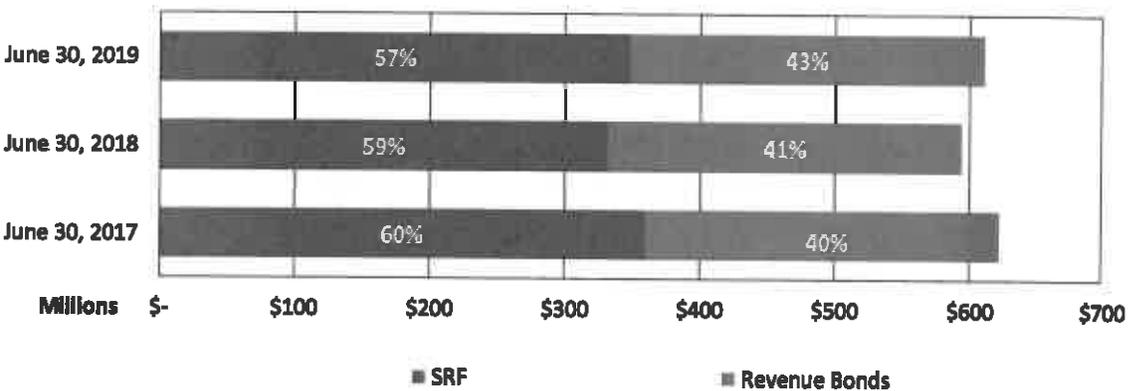
The table below shows the changes in outstanding debt at fiscal year-end for 2017, 2018 and 2019. The Additions/Principal Payments column reflects the net effect of principal payments and new SRF bond issuance. Outstanding debt is projected to decrease 4.4% or \$27.5 million from \$621.9 million at June 30, 2017 to \$594.4 million at June 30, 2018. NBC plans on borrowing \$45.0 million through the SRF loan program in FY 2019 and as a result the net increase in outstanding debt as of June 30, 2019 is \$16.2 million for a total of \$610.6 million.

Outstanding Debt

Issuance	Outstanding Debt as of June 30, 2017	Additions/ Principal Payments	Outstanding Debt as of June 30, 2018	Additions/ Principal Payments	Outstanding Debt as of June 30, 2019
SRF Loans					
SRF Loans	\$ 359,305,961	\$ (27,529,555)	\$ 331,776,406	\$ 16,198,028	\$ 347,974,434
<i>Subtotal SRF</i>	<i>359,305,961</i>	<i>(27,529,555)</i>	<i>331,776,406</i>	<i>16,198,028</i>	<i>347,974,434</i>
Revenue Bonds					
2008 Series A Refunding Bonds	56,465,000	-	56,465,000	-	56,465,000
2013 Series A	71,480,000	-	71,480,000	-	71,480,000
2013 Series C	34,970,000	-	34,970,000	-	34,970,000
2014 Series B Refunding Bonds	39,820,000	-	39,820,000	-	39,820,000
2015 Series A Refunding Bonds	40,085,000	-	40,085,000	-	40,085,000
<i>Subtotal Revenue Bonds</i>	<i>242,820,000</i>	<i>-</i>	<i>242,820,000</i>	<i>-</i>	<i>242,820,000</i>
<i>Subtotal Bonds</i>	<i>\$ 602,125,961</i>	<i>\$ (27,529,555)</i>	<i>\$ 574,596,406</i>	<i>\$ 16,198,028</i>	<i>\$ 590,794,434</i>
Premiums					
2013 Series A	\$ 4,131,888	\$ -	\$ 4,131,888	\$ -	\$ 4,131,888
2013 Series C	2,274,637	-	2,274,637	-	2,274,637
2014 Series B Refunding Bonds	7,381,545	-	7,381,545	-	7,381,545
2015 Series A Refunding Bonds	5,996,114	-	5,996,114	-	5,996,114
<i>Subtotal Premiums</i>	<i>\$ 19,784,184</i>	<i>\$ -</i>	<i>\$ 19,784,184</i>	<i>\$ -</i>	<i>\$ 19,784,184</i>
Total Outstanding Debt	\$ 621,910,145	\$ (27,529,555)	\$ 594,380,590	\$ 16,198,028	\$ 610,578,618

The chart below shows the decrease in outstanding debt is related to the SRF borrowings since NBC's revenue bonds have 30 year maturities and were structured to "wrap" around the SRF loans.

Outstanding Debt by Issuance Type



NBC's average annual residential user charge is projected to increase from \$470 in FY 2018 to \$609 in FY 2024. The largest projected rate increase over the five-year period is in FY 2024 at 6.18%. This is significantly higher than what was projected last year due to the forward shift in the schedule of the CSO Phase III A Facilities. The projected rate increases are subject to change, if there are changes in the schedule or scope of the CSO Phase III A Facilities or other capital projects, changes to operation and maintenance costs or if the CIP impacts are different than projected, or variances in renewable energy production occur. The impacts may also change if there are changes to the rate base or other factors out of NBC's control including short and long-term interest rates, health insurance renewals, new regulatory requirements, etc.

Even with past rate increases required to support the CIP, NBC's sewer rates remain competitive. As can be seen in the following table, when NBC's 2017 rate is calculated based on consumption of 120 HCF, it is approximately 13.4% below the national average of \$741 for major U.S. Cities. Survey results for the State of Rhode Island are shown in the Operating Budget section of this document.

2017 Annual Residential Sewer Charges for Major U.S. Cities					
Seattle, WA	\$	1,552	Indianapolis, IN	\$	656
San Francisco, CA		1,488	Providence, RI		642
Honolulu, HI		1,264	Houston, TX		641
Portland, ME		1,158	San Diego, CA		594
MWRA Service Area		953	Los Angeles, CA		564
Austin, TX		934	Columbus, OH		548
Flint, MI		931	Dallas, TX		534
Boston, MA		845	Fort Worth, TX		512
Washington, DC		788	Saint Paul, MN		509
Saint Louis, MO		735	Philadelphia, PA		478
New York, NY		727	Newark, NJ		457
Detroit, MI		701	San Jose, CA		455
New Orleans, LA		697	San Antonio, TX		447
Jacksonville, FL		687	Milwaukee, WI		253
			National Average	\$	741

EXHIBIT B

CSO Control Facilities Phase III Amended Reevaluation Report – Volume I

November 2017

(Due to the voluminous nature of the document, only the relevant pages have been provided as an exhibit. The document in its entirety is accessible via the hyperlinks cited in the footnotes.)

Based on Current Spending		Based on Necessary Spending	
EPA Guideline Residential Indicator	WARI™	EPA Guideline Residential Indicator	WARI™
1.67%	1.79%	1.89%	2.11%
Medium Burden	Medium Burden	Medium Burden	High Burden

Figure ES-1 - Summary Results of the Financial Capability Assessment

For both the EPA and WARI approaches using projected NBC costs and current community spending for local infrastructure, the residential indicator for the currently approved Phase III plan NBC service area is a “medium burden”. However, the levels of spending in the ten municipalities that make up NBC are currently too low to be sustainable and provide no annual funding for collection system renewal and replacements. When adding a reasonable estimate of necessary local costs to the analysis, the residential indicator for the WARI approach is a “high burden”.

Conclusions from this analysis are as follows:

- Indication of a “medium burden” using current spending levels is misleading because it does not include reasonable renewal and replacement costs for local infrastructure as provided in EPA’s Integrated Planning Framework.
- The financial capability assessment based on the WARI approach and necessary infrastructure spending is the best approximation of financial burden currently available and leads to a Residential Indicator for the Baseline Plan of 2.11% and is a “high burden” with an average bill of \$893.
- To provide the financial capacity to address those needs, the cost of the CSO program must be reduced or the current schedule for completion of Phase III must be extended.
- NBC’s recommended plan must balance improvements in water quality with rates that are not an undue burden upon its ratepayers. The NBC considers a sewer rate that exceeds 2% of any member community’s median household income and/or a rate that exceeds 2% of the household income for more than one-third of its ratepayers to be unaffordable with a target rate of \$626 as a threshold for affordability.

ES.2 Bucklin Point Service Area Hydraulic Model

The hydraulic model for the Bucklin Point Service Area (BPSA) serves as an integral tool in the re-evaluation of Phase III of the NBC CSO control plan. The re-evaluation includes 28 overflows not previously addressed by Phases I and II of the NBC’s CSO control plan. A map of the BPSA area is depicted in Figure ES-2.

Table 1-18 – NBC Financial Capability Matrix for the Baseline Plan

Permittee Financial Capability Indicators Score (Socioeconomic, Debt & Financial Indicators)	Residential Indicator (Cost per Household as a Percentage of MHI)		
	Low (Below 1.0%)	Mid-Range (Between 1.0 and 2.0%)	High (Greater than 2.0%)
Weak (Below 1.5)	Medium Burden	High Burden	High Burden
Mid-Range (Between 1.5 and 2.5)	Low Burden	Medium Burden	High Burden
Strong (Above 2.5)	Low Burden	Low Burden	Medium Burden

1.5.2. The WARI Approach

As mentioned previously in this report, EPA Guidance encourages utilities to provide additional documentation that helps create a more accurate and complete picture of their financial capability¹². In response to EPA’s request, the Weighted Average Residential Index (WARI™) was developed as a means of providing greater clarity and detail related to a Permittee’s financial capability. WARI is intended to be an enhancement of the EPA Guideline Approach as it measures the Residential Indicator in significantly greater detail providing greater resolution for each community’s unique income distribution, neighborhood characteristics, and actual financial burden for the wastewater system. Where the EPA Guideline Approach relies on two data points to determine Residential Indicator, WARI can include 53 data points for every neighborhood (measured as a census tract). For NBC, with 93 census tracts, WARI provides 4,929 data points for a single year resulting in a weighted average residential index that, as one might expect, is very different from the EPA’s Guideline Approach. With 10 years in the CSO program schedule, WARI takes 49,290 data points into consideration in calculating the Residential Indicator for each year between now and the CSO program’s completion.

Income Distribution

The EPA’s Residential Indicator considers the cost per household as a percent of the MHI for the entire service area (i.e. population median), but falls short in considering the sometimes disproportionate distribution of incomes typical of most diverse populations. Figure 1-4 illustrates an example of the actual distribution of incomes for a census tract within the NBC service area (census tract #5). In this example, the distribution of income in the tract is skewed;¹³ meaning a disproportionate amount of the population is not just below median household income, but far below the median as the below example illustrates.

The EPA’s *Guidance for Preparing Economic Analyses*¹⁴ recognizes the legitimacy of assessing impacts to all households across the income distribution, although the agency provides no direction or methodology for doing so. The data exist, however, to analyze and correct for skew in income distributions at a fairly detailed level. As illustrated in Figure 1-4, census data report the number of households at various income levels within 16 standardized income bins (like those shown below). Thus, there are at least 16 data points in each census tract to help inform the degree of skew in the population of household incomes, and in each

¹² USEPA, *Assessing Financial Capability for Municipal Clean Water Act Requirements*, January 18, 2013

¹³ In statistics, skew refers to the asymmetry of a data distribution

¹⁴ USEPA 240-R-00-003, September 2000

Table 1-34 – Income and Account Counts

Municipality	2% Rate (2014\$) = \$521		2% Rate (2012\$) = \$500		\$626		\$730		\$834	
	Percent Census Households Below \$25,000	Number Accounts Below \$25,000	Percent Census Households Below \$30,000	Number Accounts Below \$30,000	Percent Census Households Below \$35,000	Number Accounts Below \$35,000	Percent Census Households Below \$40,000	Number Accounts Below \$40,000	Percent Census Households Below \$40,000	Number Accounts Below \$40,000
Providence	37%	19,017	42%	21,610	47%	24,151	52%	26,871	52%	26,871
Pawtucket	32%	8,094	38%	9,549	44%	11,202	50%	12,476	50%	12,476
North Providence	25%	2,903	31%	3,547	35%	4,042	40%	4,639	40%	4,639
Cumberland	15%	1,118	18%	1,321	22%	1,605	25%	1,848	25%	1,848
Johnston	24%	1,502	29%	1,776	32%	1,989	36%	2,265	36%	2,265
Lincoln	16%	1,079	20%	1,360	24%	1,651	28%	1,932	28%	1,932
Central Falls	44%	2,574	51%	2,951	56%	3,277	61%	3,572	61%	3,572
East Providence	27%	1,034	33%	1,242	37%	1,391	42%	1,569	42%	1,569
Cranston	21%	31	25%	38	30%	45	34%	51	34%	51
Smithfield	16%	5	19%	6	23%	7	27%	8	27%	8
Member Communities Totals	31%	37,357	37%	43,399	42%	49,359	47%	55,232	47%	55,232

Percent Census Household Below \$x = (Census count in income bucket)/(Total Census Count) Note this is based on 2012\$ from census data.

Number Households Below \$x = (NBC Accounts)*(Percent Households Below \$x) Assumes equal income distribution in census tract.

Adjusting the income data for inflation to 2014 dollars, a bill of \$626 would be unaffordable for 51% of the households in Central Falls and for a total of 37% of the households in the service area. A bill of \$730 would result in unaffordable bills for 42%, or 49,359 accounts in the service area. A bill of \$834 would be unaffordable for well over half of the residents of Providence, Pawtucket and Central Falls and would be unaffordable for a total of 55,232 accounts in the service area.

The NBC would like to maintain a sewer rate that is below 2% of household income for all of its ratepayers but this is not possible given current rates and the need to address its obligations for CSO control as required by federal regulations. NBC's recommended plan must balance improvements in water quality with rates that are not an undue burden upon its ratepayers. The NBC considers a sewer rate that exceeds 2% of any member community's median household income and/or a rate that exceeds 2% of the household income for more than one-third of its ratepayers to be unaffordable. From Table 1-34, this would be a target rate of \$626.

EXHIBIT C

CSO Control Facilities Phase III Amended Reevaluation Report – Volume II

November 2017

(Due to the voluminous nature of the document, only the relevant Appendix has been provided as an exhibit. The document in its entirety is accessible via the hyperlinks cited in the footnotes.)

NBC CSO Control Facilities Phase III Reevaluation

Appendix 14 – Amended WARi Affordability Model Assumptions and Results

Projected Average Bill per Household, NBC Costs, 2016 Dollars

Census Tract	City/Town	Households	MM	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
4400700101	PROVIDENCE	1,404	\$33,460	\$428	\$481	\$472	\$484	\$474	\$482	\$509	\$542	\$559	\$577	\$592	\$582	\$575	\$568	\$558
4400700102	PROVIDENCE	1,410	\$34,287	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400700200	PROVIDENCE	1,709	\$22,878	\$484	\$488	\$478	\$490	\$481	\$489	\$518	\$560	\$587	\$605	\$599	\$590	\$582	\$578	\$567
4400700300	PROVIDENCE	1,955	\$29,130	\$498	\$489	\$479	\$482	\$482	\$490	\$517	\$551	\$599	\$607	\$601	\$592	\$584	\$578	\$568
4400700400	PROVIDENCE	1,091	\$24,997	\$497	\$491	\$481	\$493	\$484	\$482	\$519	\$553	\$600	\$606	\$603	\$593	\$588	\$580	\$570
4400700500	PROVIDENCE	782	\$24,823	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400700600	PROVIDENCE	504	\$26,598	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400700700	PROVIDENCE	824	\$16,289	\$518	\$511	\$501	\$514	\$504	\$512	\$541	\$578	\$628	\$634	\$629	\$619	\$611	\$608	\$594
4400700800	PROVIDENCE	105	\$18,382	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400700900	PROVIDENCE	777	\$26,079	\$404	\$399	\$391	\$401	\$393	\$399	\$421	\$448	\$488	\$494	\$490	\$482	\$478	\$471	\$463
4400701000	PROVIDENCE	771	\$25,778	\$423	\$418	\$409	\$420	\$412	\$419	\$442	\$471	\$511	\$518	\$514	\$505	\$499	\$494	\$485
4400701100	PROVIDENCE	951	\$42,083	\$427	\$422	\$413	\$424	\$416	\$423	\$448	\$475	\$516	\$523	\$518	\$510	\$504	\$498	\$490
4400701200	PROVIDENCE	489	\$21,118	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400701300	PROVIDENCE	1,418	\$29,989	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400701400	PROVIDENCE	1,708	\$42,232	\$510	\$504	\$494	\$506	\$497	\$505	\$532	\$568	\$618	\$626	\$619	\$609	\$602	\$595	\$585
4400701500	PROVIDENCE	989	\$46,517	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400701600	PROVIDENCE	2,384	\$36,675	\$498	\$492	\$482	\$494	\$485	\$493	\$520	\$554	\$602	\$610	\$605	\$598	\$593	\$547	\$538
4400701700	PROVIDENCE	1,232	\$28,838	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400701800	PROVIDENCE	1,749	\$27,381	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400701900	PROVIDENCE	1,478	\$23,173	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400702000	PROVIDENCE	1,332	\$34,485	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400702101	PROVIDENCE	1,014	\$50,882	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400702102	PROVIDENCE	1,878	\$47,848	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400702200	PROVIDENCE	1,819	\$33,472	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400702300	PROVIDENCE	2,019	\$48,878	\$483	\$477	\$468	\$479	\$470	\$478	\$472	\$509	\$547	\$554	\$549	\$540	\$538	\$528	\$519
4400702400	PROVIDENCE	2,169	\$71,731	\$499	\$494	\$485	\$496	\$487	\$494	\$488	\$489	\$531	\$538	\$533	\$524	\$518	\$513	\$504
4400702500	PROVIDENCE	898	\$68,204	\$495	\$489	\$480	\$491	\$482	\$489	\$483	\$484	\$525	\$532	\$527	\$519	\$512	\$507	\$499
4400702600	PROVIDENCE	1,188	\$24,234	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400702700	PROVIDENCE	1,318	\$28,888	\$441	\$436	\$427	\$438	\$430	\$437	\$461	\$492	\$534	\$541	\$537	\$528	\$521	\$516	\$507
4400702800	PROVIDENCE	1,856	\$28,532	\$442	\$437	\$428	\$438	\$430	\$437	\$461	\$492	\$534	\$541	\$537	\$528	\$521	\$516	\$507
4400702900	PROVIDENCE	2,838	\$41,776	\$447	\$441	\$432	\$443	\$435	\$442	\$466	\$497	\$540	\$547	\$542	\$533	\$527	\$521	\$512
4400703100	PROVIDENCE	1,226	\$23,972	\$417	\$412	\$403	\$414	\$406	\$413	\$435	\$464	\$504	\$511	\$506	\$498	\$492	\$487	\$478
4400703200	PROVIDENCE	1,438	\$78,498	\$411	\$406	\$398	\$408	\$400	\$407	\$429	\$458	\$497	\$504	\$499	\$491	\$485	\$480	\$472
4400703300	PROVIDENCE	1,938	\$77,267	\$418	\$410	\$402	\$413	\$405	\$411	\$434	\$463	\$502	\$509	\$505	\$498	\$490	\$485	\$477
4400703400	PROVIDENCE	1,808	\$133,438	\$570	\$563	\$551	\$566	\$555	\$564	\$596	\$634	\$689	\$698	\$692	\$681	\$672	\$668	\$664
4400703500	PROVIDENCE	1,888	\$50,875	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400703601	PROVIDENCE	827	\$36,188	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400703602	PROVIDENCE	899	\$79,187	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
4400703700	PROVIDENCE	1,384	\$44,427	\$399	\$395	\$378	\$387	\$389	\$388	\$407	\$434	\$472	\$478	\$474	\$468	\$460	\$458	\$448
44007010101	EAST PROVIDENCE	1,420	\$71,544	\$440	\$434	\$425	\$436	\$428	\$435	\$458	\$489	\$531	\$538	\$534	\$528	\$518	\$513	\$504
44007010102	EAST PROVIDENCE	1,138	\$68,820	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
44007010800	CENTRAL FALLS	1,383	\$26,377	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
44007010900	CENTRAL FALLS	1,480	\$29,707	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
44007011000	CENTRAL FALLS	1,784	\$29,280	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
44007011100	CENTRAL FALLS	1,172	\$32,841	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
44007011200	CUMBERLAND	1,881	\$47,317	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
44007011301	CUMBERLAND	1,298	\$87,800	\$488	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$569	\$580	\$583	\$547	\$538
44007011302	CUMBERLAND	934	\$88,234	\$507	\$501	\$491	\$503	\$494	\$502	\$529	\$564	\$613	\$621	\$615	\$608	\$598	\$592	\$582

Projected Average Bill per Household, NBC Costs, 2015 Dollars

Center Tract	City/Town	Households	MIU	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
44007011403	CUMBERLAND	2,120	\$79,004	\$469	\$463	\$454	\$465	\$467	\$464	\$469	\$522	\$567	\$574	\$589	\$590	\$543	\$547	\$538
44007011500	LINCOLN	2,148	\$62,116	\$483	\$467	\$477	\$489	\$480	\$488	\$515	\$540	\$566	\$564	\$568	\$581	\$576	\$576	\$590
44007011800	LINCOLN	1,796	\$68,980	\$532	\$524	\$511	\$527	\$515	\$525	\$569	\$703	\$763	\$773	\$787	\$784	\$745	\$737	\$725
44007011701	LINCOLN	1,706	\$47,841	\$468	\$463	\$454	\$465	\$467	\$464	\$490	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007011702	LINCOLN	1,641	\$73,719	\$489	\$483	\$484	\$485	\$487	\$484	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007011800	NORTH PROVIDENCE	2,590	\$45,185	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007011901	NORTH PROVIDENCE	1,205	\$50,836	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012000	NORTH PROVIDENCE	2,201	\$64,380	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012100	NORTH PROVIDENCE	1,822	\$50,941	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012103	NORTH PROVIDENCE	582	\$46,508	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012104	NORTH PROVIDENCE	1,324	\$42,188	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012300	JOHNSTON	2,062	\$55,903	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012401	JOHNSTON	2,335	\$57,370	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015000	PAWTUCKET	1,896	\$46,121	\$451	\$445	\$436	\$447	\$439	\$440	\$440	\$470	\$502	\$545	\$552	\$547	\$538	\$532	\$526
44007015100	PAWTUCKET	1,213	\$22,902	\$444	\$438	\$429	\$440	\$432	\$439	\$463	\$493	\$536	\$543	\$538	\$529	\$523	\$517	\$509
44007015200	PAWTUCKET	367	\$12,678	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015300	PAWTUCKET	965	\$30,598	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015400	PAWTUCKET	985	\$40,150	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015500	PAWTUCKET	1,661	\$49,407	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015600	PAWTUCKET	968	\$44,200	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015700	PAWTUCKET	1,509	\$35,748	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015800	PAWTUCKET	1,509	\$54,827	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007015900	PAWTUCKET	1,190	\$56,125	\$448	\$440	\$432	\$443	\$434	\$441	\$440	\$468	\$500	\$540	\$541	\$533	\$526	\$521	\$512
44007016000	PAWTUCKET	1,218	\$33,850	\$430	\$424	\$416	\$427	\$418	\$425	\$440	\$478	\$519	\$520	\$522	\$513	\$507	\$502	\$493
44007016100	PAWTUCKET	1,509	\$31,236	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007016300	PAWTUCKET	1,088	\$36,159	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007016400	PAWTUCKET	1,759	\$34,241	\$439	\$433	\$424	\$435	\$427	\$434	\$458	\$486	\$530	\$537	\$532	\$524	\$517	\$512	\$503
44007016500	PAWTUCKET	1,512	\$36,131	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007016700	PAWTUCKET	580	\$40,294	\$441	\$435	\$427	\$438	\$429	\$436	\$460	\$491	\$533	\$540	\$535	\$526	\$520	\$515	\$506
44007016800	PAWTUCKET	1,141	\$34,577	\$439	\$433	\$424	\$435	\$427	\$434	\$458	\$486	\$530	\$537	\$532	\$524	\$517	\$512	\$503
44007017100	PAWTUCKET	1,199	\$50,313	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007010200	EAST PROVIDENCE	1,484	\$39,201	\$446	\$442	\$434	\$445	\$436	\$443	\$468	\$499	\$541	\$540	\$544	\$538	\$528	\$523	\$514
44007010300	EAST PROVIDENCE	451	\$48,598	\$459	\$453	\$425	\$435	\$427	\$434	\$458	\$488	\$530	\$537	\$532	\$524	\$517	\$512	\$503
44007010300	EAST PROVIDENCE	778	\$39,289	\$426	\$421	\$412	\$423	\$415	\$421	\$445	\$474	\$515	\$522	\$517	\$509	\$502	\$497	\$489
44007011401	CUMBERLAND	924	\$80,898	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007011402	CUMBERLAND	457	\$101,800	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007011602	NORTH PROVIDENCE	2,089	\$57,411	\$505	\$499	\$488	\$501	\$491	\$498	\$525	\$561	\$606	\$618	\$612	\$602	\$596	\$589	\$579
44007012200	JOHNSTON	106	\$97,050	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012402	JOHNSTON	845	\$56,576	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012500	JOHNSTON	914	\$35,882	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007012602	SMITHFIELD	32	\$87,465	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
44007018900	PAWTUCKET	838	\$70,904	\$507	\$501	\$491	\$503	\$494	\$502	\$529	\$564	\$613	\$621	\$615	\$606	\$599	\$592	\$582
44007017000	PAWTUCKET	1,387	\$17,181	\$469	\$463	\$454	\$465	\$467	\$464	\$489	\$522	\$567	\$574	\$589	\$590	\$563	\$547	\$538
Total		119,429	\$45,708	\$468	\$462	\$453	\$464	\$465	\$463	\$488	\$529	\$565	\$573	\$588	\$590	\$552	\$546	\$537

Projected Average Bill per Household, NBC Costs, 2015 Dollars

Census Tract	City/Town	Households	MB	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039	FY 2040	FY 2041
4400700101	PROVIDENCE	1,404	\$33,480	\$554	\$543	\$531	\$522	\$511	\$500	\$510	\$500	\$482	\$471	\$504
4400700102	PROVIDENCE	1,410	\$34,287	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
4400700200	PROVIDENCE	1,709	\$22,876	\$393	\$350	\$338	\$329	\$317	\$310	\$319	\$307	\$306	\$303	\$311
4400700300	PROVIDENCE	1,858	\$29,130	\$484	\$552	\$339	\$331	\$319	\$311	\$320	\$300	\$487	\$306	\$312
4400700400	PROVIDENCE	1,061	\$24,987	\$466	\$553	\$541	\$533	\$521	\$513	\$522	\$510	\$496	\$506	\$514
4400700500	PROVIDENCE	782	\$24,523	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
4400700600	PROVIDENCE	804	\$25,586	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
4400700700	PROVIDENCE	524	\$18,269	\$590	\$577	\$564	\$555	\$543	\$535	\$544	\$532	\$520	\$520	\$538
4400700800	PROVIDENCE	105	\$18,382	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
4400700900	PROVIDENCE	777	\$26,079	\$480	\$450	\$439	\$433	\$423	\$417	\$424	\$414	\$405	\$411	\$417
44007001000	PROVIDENCE	771	\$25,778	\$482	\$471	\$461	\$453	\$443	\$437	\$444	\$434	\$425	\$431	\$437
44007001100	PROVIDENCE	851	\$42,063	\$487	\$478	\$465	\$458	\$447	\$441	\$448	\$438	\$429	\$435	\$442
44007001200	PROVIDENCE	469	\$21,118	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007001300	PROVIDENCE	1,418	\$26,969	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007001400	PROVIDENCE	1,708	\$42,232	\$581	\$568	\$555	\$547	\$534	\$527	\$539	\$524	\$512	\$520	\$527
44007001500	PROVIDENCE	889	\$48,517	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007001600	PROVIDENCE	2,384	\$36,875	\$568	\$555	\$542	\$534	\$522	\$514	\$523	\$511	\$500	\$508	\$515
44007001700	PROVIDENCE	1,232	\$25,536	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007001800	PROVIDENCE	1,749	\$27,361	\$554	\$541	\$529	\$521	\$509	\$502	\$510	\$499	\$488	\$495	\$502
44007001900	PROVIDENCE	1,475	\$23,173	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007002000	PROVIDENCE	1,332	\$34,485	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007002101	PROVIDENCE	1,014	\$50,882	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007002102	PROVIDENCE	1,873	\$47,848	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007002200	PROVIDENCE	1,810	\$33,472	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007002300	PROVIDENCE	2,018	\$48,578	\$515	\$504	\$492	\$485	\$474	\$467	\$475	\$464	\$454	\$461	\$468
44007002400	PROVIDENCE	2,189	\$71,731	\$500	\$490	\$478	\$471	\$460	\$453	\$461	\$451	\$441	\$447	\$454
44007002500	PROVIDENCE	858	\$58,304	\$495	\$484	\$473	\$466	\$458	\$448	\$458	\$448	\$438	\$443	\$449
44007002600	PROVIDENCE	1,185	\$24,234	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007002700	PROVIDENCE	1,315	\$28,858	\$503	\$491	\$480	\$473	\$462	\$456	\$463	\$453	\$443	\$450	\$456
44007002800	PROVIDENCE	1,835	\$28,532	\$504	\$492	\$481	\$474	\$463	\$456	\$464	\$454	\$444	\$451	\$457
44007002900	PROVIDENCE	2,538	\$41,778	\$509	\$497	\$486	\$479	\$468	\$461	\$469	\$458	\$448	\$455	\$462
44007003100	PROVIDENCE	1,256	\$23,872	\$476	\$464	\$454	\$447	\$437	\$431	\$438	\$428	\$418	\$425	\$431
44007003200	PROVIDENCE	1,438	\$78,466	\$489	\$458	\$448	\$441	\$431	\$425	\$432	\$422	\$413	\$419	\$425
44007003300	PROVIDENCE	1,908	\$77,257	\$474	\$463	\$453	\$446	\$435	\$429	\$437	\$427	\$417	\$424	\$430
44007003400	PROVIDENCE	1,905	\$133,438	\$549	\$535	\$520	\$511	\$507	\$508	\$509	\$505	\$572	\$581	\$589
44007003500	PROVIDENCE	1,659	\$50,875	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007003601	PROVIDENCE	627	\$36,188	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007003602	PROVIDENCE	599	\$78,187	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007003700	PROVIDENCE	1,354	\$44,427	\$448	\$435	\$426	\$418	\$409	\$403	\$410	\$401	\$392	\$398	\$404
44007010101	EAST PROVIDENCE	1,420	\$71,544	\$501	\$490	\$479	\$471	\$460	\$454	\$462	\$451	\$441	\$448	\$455
44007010102	EAST PROVIDENCE	1,138	\$68,820	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007010800	CENTRAL FALLS	1,383	\$25,377	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007010900	CENTRAL FALLS	1,480	\$29,707	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011000	CENTRAL FALLS	1,784	\$29,280	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011100	CENTRAL FALLS	1,172	\$32,841	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011200	CUMBERLAND	1,861	\$47,317	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011301	CUMBERLAND	1,298	\$67,500	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011302	CUMBERLAND	834	\$86,234	\$578	\$566	\$552	\$543	\$531	\$523	\$532	\$521	\$509	\$517	\$524

Projected Average Bill per Household, NBC Costs, 2015 Dollars

Census Tract	City/Town	Households	MHI	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
44007011403	CUMBERLAND	2,120	\$78,004	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011600	LINCOLN	2,145	\$82,115	\$562	\$549	\$537	\$528	\$518	\$509	\$516	\$500	\$485	\$502	\$510
44007011800	LINCOLN	1,788	\$98,580	\$720	\$703	\$688	\$677	\$662	\$652	\$663	\$649	\$634	\$644	\$653
44007011701	LINCOLN	1,706	\$47,841	\$634	\$622	\$611	\$603	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011702	LINCOLN	1,841	\$73,718	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011800	NORTH PROVIDENCE	2,580	\$45,196	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011901	NORTH PROVIDENCE	1,205	\$50,838	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012000	NORTH PROVIDENCE	2,201	\$54,360	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012102	NORTH PROVIDENCE	1,822	\$50,941	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012103	NORTH PROVIDENCE	582	\$46,508	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012104	NORTH PROVIDENCE	1,324	\$42,198	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012300	JOHNSTON	2,082	\$53,803	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012401	JOHNSTON	2,335	\$57,370	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007016000	PAWTUCKET	1,898	\$48,121	\$514	\$502	\$491	\$483	\$472	\$465	\$473	\$468	\$462	\$469	\$466
44007016100	PAWTUCKET	1,213	\$22,902	\$505	\$494	\$483	\$475	\$464	\$458	\$466	\$455	\$445	\$452	\$458
44007016200	PAWTUCKET	397	\$12,878	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007016300	PAWTUCKET	865	\$30,585	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007016400	PAWTUCKET	685	\$40,150	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007016500	PAWTUCKET	1,651	\$49,407	\$500	\$488	\$478	\$470	\$460	\$453	\$461	\$451	\$441	\$447	\$454
44007016600	PAWTUCKET	896	\$44,200	\$497	\$486	\$475	\$467	\$457	\$450	\$456	\$448	\$438	\$444	\$451
44007016700	PAWTUCKET	1,508	\$58,748	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007016800	PAWTUCKET	1,508	\$54,827	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007016900	PAWTUCKET	1,130	\$58,125	\$508	\$497	\$488	\$478	\$467	\$460	\$468	\$458	\$448	\$454	\$461
44007018000	PAWTUCKET	1,215	\$33,850	\$480	\$478	\$468	\$461	\$450	\$444	\$451	\$441	\$431	\$438	\$444
44007018100	PAWTUCKET	1,809	\$31,238	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007018300	PAWTUCKET	1,080	\$58,158	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007018400	PAWTUCKET	1,759	\$34,241	\$498	\$488	\$477	\$470	\$458	\$453	\$460	\$450	\$440	\$447	\$453
44007018500	PAWTUCKET	1,512	\$58,131	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007018600	PAWTUCKET	560	\$40,234	\$502	\$491	\$480	\$472	\$462	\$456	\$463	\$453	\$442	\$449	\$456
44007018700	PAWTUCKET	1,141	\$34,577	\$500	\$488	\$477	\$470	\$459	\$453	\$460	\$450	\$440	\$447	\$453
44007018800	PAWTUCKET	1,198	\$50,313	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007017100	PAWTUCKET	1,484	\$39,201	\$510	\$499	\$488	\$480	\$468	\$463	\$471	\$460	\$450	\$457	\$463
44007010200	EAST PROVIDENCE	431	\$48,539	\$500	\$489	\$478	\$470	\$460	\$453	\$461	\$451	\$441	\$447	\$454
44007010300	EAST PROVIDENCE	778	\$36,288	\$485	\$474	\$464	\$456	\$446	\$440	\$447	\$437	\$427	\$434	\$440
44007011401	CUMBERLAND	924	\$80,898	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011402	CUMBERLAND	457	\$101,800	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007011802	NORTH PROVIDENCE	2,088	\$57,411	\$575	\$562	\$549	\$540	\$528	\$521	\$530	\$519	\$508	\$514	\$522
44007012200	JOHNSTON	106	\$87,050	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012402	JOHNSTON	845	\$58,578	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012500	JOHNSTON	814	\$35,832	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007012602	SMITHFIELD	32	\$67,468	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
44007018900	PAWTUCKET	838	\$70,804	\$578	\$566	\$552	\$543	\$531	\$524	\$533	\$521	\$508	\$517	\$524
44007017000	PAWTUCKET	1,307	\$17,181	\$534	\$522	\$511	\$503	\$491	\$484	\$482	\$481	\$471	\$478	\$485
Total		119,420	\$46,108	\$533	\$521	\$509	\$501	\$489	\$483	\$491	\$480	\$469	\$477	\$484

Projected Average Bill per Household, NBC Costs + Necessary Spending, 2015 Dollars

City/Town	Households	Mill	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
44007000101 PROVIDENCE	1,454	\$31,480	\$485	\$481	\$479	\$498	\$492	\$500	\$502	\$502	\$503	\$504	\$504	\$504	\$504	\$504	\$504
44007000102 PROVIDENCE	1,410	\$34,297	\$499	\$493	\$481	\$479	\$477	\$491	\$523	\$581	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007000200 PROVIDENCE	1,709	\$22,875	\$494	\$488	\$485	\$504	\$501	\$515	\$549	\$589	\$642	\$650	\$657	\$653	\$652	\$652	\$648
44007000300 PROVIDENCE	1,856	\$29,130	\$498	\$489	\$487	\$505	\$503	\$517	\$550	\$591	\$644	\$659	\$665	\$664	\$663	\$663	\$660
44007000400 PROVIDENCE	1,091	\$24,997	\$497	\$491	\$488	\$507	\$504	\$519	\$552	\$592	\$646	\$660	\$661	\$657	\$656	\$655	\$651
44007000500 PROVIDENCE	782	\$24,823	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007000600 PROVIDENCE	604	\$28,558	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007000700 PROVIDENCE	524	\$19,259	\$518	\$511	\$508	\$528	\$525	\$539	\$574	\$616	\$671	\$686	\$690	\$682	\$680	\$680	\$675
44007000800 PROVIDENCE	105	\$19,382	\$488	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007000900 PROVIDENCE	777	\$26,079	\$404	\$390	\$389	\$415	\$413	\$428	\$455	\$488	\$533	\$548	\$548	\$548	\$548	\$546	\$544
44007001000 PROVIDENCE	771	\$25,778	\$423	\$418	\$417	\$434	\$432	\$445	\$475	\$510	\$557	\$570	\$571	\$569	\$568	\$569	\$566
44007001100 PROVIDENCE	951	\$42,083	\$427	\$422	\$420	\$438	\$436	\$449	\$479	\$515	\$562	\$575	\$579	\$574	\$573	\$574	\$571
44007001200 PROVIDENCE	489	\$21,118	\$488	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007001300 PROVIDENCE	1,418	\$26,969	\$488	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007001400 PROVIDENCE	1,706	\$42,232	\$510	\$504	\$501	\$520	\$517	\$532	\$566	\$607	\$662	\$676	\$677	\$673	\$671	\$671	\$666
44007001500 PROVIDENCE	989	\$46,517	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007001600 PROVIDENCE	2,384	\$36,675	\$495	\$492	\$490	\$508	\$505	\$520	\$559	\$594	\$648	\$662	\$662	\$659	\$657	\$657	\$653
44007001700 PROVIDENCE	1,232	\$25,536	\$496	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007001800 PROVIDENCE	1,749	\$27,361	\$485	\$480	\$477	\$495	\$493	\$508	\$540	\$580	\$633	\$647	\$647	\$644	\$642	\$642	\$638
44007001900 PROVIDENCE	1,475	\$23,173	\$488	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007002000 PROVIDENCE	1,332	\$34,485	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007002101 PROVIDENCE	1,014	\$50,882	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007002102 PROVIDENCE	1,875	\$47,489	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007002200 PROVIDENCE	1,819	\$33,472	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007002300 PROVIDENCE	2,019	\$48,578	\$483	\$477	\$465	\$483	\$481	\$474	\$505	\$543	\$592	\$606	\$607	\$604	\$603	\$603	\$600
44007002400 PROVIDENCE	2,189	\$71,731	\$499	\$494	\$492	\$490	\$488	\$491	\$491	\$491	\$491	\$491	\$491	\$491	\$491	\$491	\$491
44007002500 PROVIDENCE	898	\$58,304	\$495	\$490	\$488	\$498	\$495	\$498	\$498	\$498	\$498	\$498	\$498	\$498	\$498	\$498	\$498
44007002600 PROVIDENCE	1,185	\$24,234	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007002700 PROVIDENCE	1,315	\$28,989	\$441	\$438	\$434	\$452	\$450	\$463	\$494	\$531	\$579	\$592	\$593	\$591	\$590	\$590	\$587
44007002800 PROVIDENCE	1,855	\$28,532	\$442	\$437	\$435	\$453	\$451	\$464	\$495	\$531	\$579	\$592	\$593	\$591	\$590	\$590	\$587
44007002900 PROVIDENCE	2,538	\$41,778	\$447	\$441	\$439	\$457	\$455	\$468	\$499	\$536	\$586	\$596	\$600	\$597	\$596	\$597	\$593
44007003100 PROVIDENCE	1,285	\$28,972	\$417	\$412	\$411	\$428	\$425	\$439	\$468	\$503	\$549	\$562	\$564	\$562	\$561	\$562	\$559
44007003300 PROVIDENCE	1,435	\$78,408	\$411	\$405	\$405	\$422	\$421	\$434	\$462	\$497	\$542	\$555	\$557	\$555	\$554	\$553	\$553
44007003400 PROVIDENCE	1,906	\$77,287	\$418	\$410	\$408	\$426	\$425	\$438	\$467	\$502	\$548	\$561	\$562	\$560	\$560	\$560	\$558
44007003500 PROVIDENCE	1,905	\$133,436	\$570	\$563	\$559	\$580	\$575	\$591	\$628	\$674	\$734	\$750	\$750	\$744	\$742	\$741	\$735
44007003601 PROVIDENCE	1,569	\$80,875	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007003602 PROVIDENCE	827	\$36,188	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007003700 PROVIDENCE	959	\$79,187	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007010101 EAST PROVIDENCE	1,354	\$44,427	\$390	\$385	\$385	\$401	\$400	\$413	\$440	\$474	\$517	\$530	\$531	\$530	\$530	\$531	\$529
44007010102 EAST PROVIDENCE	1,420	\$71,544	\$440	\$434	\$432	\$450	\$449	\$462	\$493	\$530	\$578	\$591	\$593	\$590	\$590	\$591	\$588
44007010800 CENTRAL FALLS	1,138	\$58,820	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007010900 CENTRAL FALLS	1,363	\$25,377	\$489	\$483	\$488	\$475	\$470	\$482	\$512	\$548	\$597	\$609	\$608	\$603	\$600	\$600	\$598
44007011000 CENTRAL FALLS	1,480	\$29,707	\$489	\$483	\$488	\$475	\$470	\$482	\$512	\$548	\$597	\$609	\$608	\$603	\$600	\$600	\$598
44007011100 CENTRAL FALLS	1,784	\$29,280	\$489	\$483	\$488	\$475	\$470	\$482	\$512	\$548	\$597	\$609	\$608	\$603	\$600	\$600	\$598
44007011200 CUMBERLAND	1,172	\$32,841	\$489	\$483	\$488	\$475	\$470	\$482	\$512	\$548	\$597	\$609	\$608	\$603	\$600	\$600	\$598
44007011301 CUMBERLAND	1,951	\$47,317	\$488	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007011302 CUMBERLAND	1,290	\$67,500	\$489	\$483	\$481	\$479	\$477	\$491	\$523	\$561	\$612	\$620	\$627	\$624	\$622	\$623	\$619
44007011302 CUMBERLAND	994	\$95,234	\$507	\$501	\$498	\$517	\$514	\$529	\$563	\$604	\$659	\$674	\$674	\$671	\$669	\$668	\$666

Projected Average Bill per Household, NBC Costs + Necessary Spending, 2015 Dollars

Centra Tract	City/Town	Households	MH	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
4400701403	CUMBERLAND	2,120	\$76,004	\$468	\$468	\$461	\$479	\$477	\$491	\$523	\$562	\$613	\$627	\$628	\$625	\$624	\$624	\$621
44007011600	LINCOLN	2,146	\$62,115	\$463	\$467	\$488	\$512	\$513	\$532	\$570	\$614	\$672	\$680	\$686	\$685	\$688	\$701	\$701
44007011800	LINCOLN	1,796	\$68,580	\$532	\$524	\$522	\$549	\$548	\$589	\$714	\$768	\$830	\$860	\$853	\$861	\$861	\$863	\$860
44007011701	LINCOLN	1,706	\$47,841	\$460	\$463	\$465	\$468	\$490	\$508	\$544	\$587	\$643	\$660	\$665	\$666	\$669	\$673	\$673
44007011702	LINCOLN	1,841	\$73,718	\$466	\$463	\$465	\$488	\$490	\$508	\$544	\$587	\$643	\$660	\$665	\$666	\$669	\$673	\$673
44007011800	NORTH PROVIDENCE	2,580	\$45,158	\$466	\$463	\$467	\$488	\$488	\$504	\$539	\$580	\$634	\$650	\$653	\$652	\$653	\$656	\$655
44007011901	NORTH PROVIDENCE	1,205	\$50,938	\$480	\$483	\$487	\$488	\$488	\$504	\$539	\$580	\$634	\$650	\$653	\$652	\$653	\$656	\$655
44007012000	NORTH PROVIDENCE	2,201	\$64,380	\$480	\$483	\$487	\$488	\$488	\$504	\$539	\$580	\$634	\$650	\$653	\$652	\$653	\$656	\$655
44007012102	NORTH PROVIDENCE	1,822	\$50,941	\$469	\$463	\$467	\$488	\$488	\$504	\$539	\$580	\$634	\$650	\$653	\$652	\$653	\$656	\$655
44007012103	NORTH PROVIDENCE	582	\$46,508	\$469	\$463	\$467	\$488	\$488	\$504	\$539	\$580	\$634	\$650	\$653	\$652	\$653	\$656	\$655
44007012104	NORTH PROVIDENCE	1,324	\$42,188	\$490	\$482	\$488	\$507	\$507	\$524	\$559	\$602	\$657	\$674	\$677	\$678	\$677	\$679	\$677
44007012300	JOHNSTON	2,082	\$55,603	\$469	\$463	\$462	\$479	\$476	\$487	\$517	\$554	\$603	\$615	\$614	\$610	\$607	\$605	\$600
44007012401	JOHNSTON	2,335	\$57,370	\$480	\$483	\$482	\$479	\$476	\$487	\$517	\$554	\$603	\$615	\$614	\$610	\$607	\$605	\$600
44007018000	PAWTUCKET	1,090	\$46,121	\$451	\$445	\$444	\$445	\$459	\$472	\$503	\$540	\$589	\$602	\$603	\$600	\$599	\$599	\$586
44007016100	PAWTUCKET	1,213	\$22,902	\$444	\$436	\$436	\$454	\$452	\$465	\$495	\$532	\$580	\$593	\$584	\$581	\$580	\$580	\$587
44007016200	PAWTUCKET	397	\$12,876	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007016300	PAWTUCKET	865	\$30,595	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007015400	PAWTUCKET	685	\$40,150	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007016500	PAWTUCKET	1,661	\$48,407	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007016600	PAWTUCKET	990	\$44,200	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007015700	PAWTUCKET	1,508	\$55,746	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007015800	PAWTUCKET	1,806	\$54,827	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007015900	PAWTUCKET	1,190	\$58,125	\$446	\$440	\$439	\$458	\$454	\$468	\$498	\$535	\$583	\$598	\$597	\$594	\$593	\$594	\$590
44007016000	PAWTUCKET	1,215	\$33,850	\$430	\$424	\$423	\$440	\$438	\$451	\$481	\$517	\$564	\$578	\$578	\$575	\$574	\$575	\$571
44007016100	PAWTUCKET	1,609	\$31,238	\$458	\$453	\$451	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007016300	PAWTUCKET	1,060	\$56,158	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007016400	PAWTUCKET	1,750	\$34,241	\$439	\$433	\$432	\$448	\$447	\$460	\$490	\$528	\$574	\$587	\$588	\$585	\$584	\$585	\$581
44007016500	PAWTUCKET	1,512	\$39,131	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007016600	PAWTUCKET	590	\$40,294	\$441	\$435	\$434	\$451	\$448	\$462	\$492	\$529	\$577	\$600	\$591	\$588	\$587	\$587	\$584
44007016700	PAWTUCKET	1,141	\$34,577	\$439	\$433	\$432	\$449	\$447	\$460	\$490	\$528	\$574	\$587	\$588	\$585	\$584	\$585	\$581
44007016800	PAWTUCKET	1,106	\$50,313	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
44007017100	PAWTUCKET	1,464	\$36,201	\$448	\$442	\$441	\$458	\$456	\$470	\$500	\$537	\$586	\$599	\$600	\$597	\$596	\$596	\$593
44007010200	EAST PROVIDENCE	451	\$49,636	\$439	\$433	\$431	\$448	\$445	\$461	\$492	\$529	\$577	\$599	\$592	\$589	\$588	\$590	\$587
44007010300	EAST PROVIDENCE	778	\$36,288	\$426	\$421	\$419	\$437	\$435	\$449	\$478	\$514	\$561	\$575	\$576	\$574	\$574	\$576	\$572
44007011401	CUMBERLAND	824	\$60,698	\$469	\$463	\$461	\$479	\$477	\$491	\$523	\$562	\$613	\$627	\$628	\$625	\$624	\$624	\$621
44007011402	CUMBERLAND	457	\$101,800	\$469	\$463	\$461	\$479	\$477	\$491	\$523	\$562	\$613	\$627	\$628	\$625	\$624	\$624	\$621
44007011802	NORTH PROVIDENCE	2,066	\$57,411	\$505	\$498	\$501	\$523	\$522	\$540	\$578	\$619	\$676	\$693	\$699	\$696	\$695	\$697	\$695
44007012200	JOHNSTON	106	\$67,500	\$469	\$463	\$462	\$479	\$478	\$487	\$517	\$554	\$603	\$615	\$614	\$610	\$607	\$605	\$600
44007012402	JOHNSTON	845	\$56,576	\$469	\$463	\$462	\$479	\$478	\$487	\$517	\$554	\$603	\$615	\$614	\$610	\$607	\$605	\$600
44007012800	JOHNSTON	914	\$35,852	\$469	\$463	\$462	\$479	\$478	\$487	\$517	\$554	\$603	\$615	\$614	\$610	\$607	\$605	\$600
44007012602	SMITHFIELD	32	\$57,485	\$469	\$463	\$464	\$486	\$485	\$494	\$498	\$522	\$567	\$574	\$569	\$560	\$555	\$547	\$538
44007016900	PAWTUCKET	838	\$70,504	\$507	\$501	\$486	\$517	\$514	\$525	\$552	\$603	\$657	\$671	\$671	\$667	\$665	\$665	\$660
44007017000	PAWTUCKET	1,267	\$37,181	\$469	\$463	\$461	\$479	\$477	\$490	\$522	\$560	\$611	\$624	\$625	\$622	\$620	\$620	\$618
Total		119,429	\$45,106	\$468	\$462	\$461	\$479	\$477	\$491	\$523	\$562	\$613	\$627	\$628	\$625	\$624	\$624	\$621

Projected Average Bill per Household, NBC Costs + Necessary Spending, 2015 Dollars

Center Tract	City/Town	Households	MH	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039	FY 2040	FY 2041
4400700101	PROVIDENCE	1,404	333,460	\$647	\$635	\$628	\$625	\$616	\$617	\$621	\$625	\$618	\$631	\$643
4400700102	PROVIDENCE	1,610	\$34,297	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400700200	PROVIDENCE	1,709	\$22,878	\$649	\$642	\$636	\$632	\$626	\$624	\$638	\$631	\$625	\$638	\$650
4400700300	PROVIDENCE	1,955	\$29,130	\$651	\$644	\$637	\$634	\$627	\$626	\$639	\$633	\$628	\$639	\$652
4400700400	PROVIDENCE	1,091	\$24,697	\$653	\$646	\$639	\$636	\$629	\$627	\$641	\$634	\$628	\$641	\$653
4400700500	PROVIDENCE	782	\$24,523	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400700600	PROVIDENCE	504	\$26,558	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400700700	PROVIDENCE	524	\$15,259	\$677	\$669	\$661	\$658	\$651	\$648	\$663	\$656	\$649	\$662	\$675
4400700800	PROVIDENCE	105	\$16,382	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400700900	PROVIDENCE	777	\$26,079	\$647	\$642	\$637	\$636	\$631	\$631	\$643	\$636	\$634	\$648	\$657
4400701000	PROVIDENCE	771	\$26,778	\$660	\$653	\$646	\$646	\$642	\$641	\$653	\$646	\$644	\$658	\$677
4400701100	PROVIDENCE	951	\$42,083	\$673	\$666	\$658	\$651	\$646	\$645	\$657	\$650	\$644	\$657	\$670
4400701200	PROVIDENCE	499	\$21,118	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400701300	PROVIDENCE	1,416	\$26,966	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400701400	PROVIDENCE	1,708	\$42,232	\$668	\$660	\$653	\$650	\$643	\$640	\$655	\$648	\$641	\$654	\$667
4400701600	PROVIDENCE	989	\$48,817	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400701800	PROVIDENCE	2,384	\$36,675	\$654	\$647	\$640	\$637	\$630	\$628	\$642	\$636	\$629	\$642	\$655
4400701700	PROVIDENCE	1,232	\$26,536	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400701900	PROVIDENCE	1,749	\$27,361	\$640	\$633	\$627	\$624	\$617	\$616	\$629	\$623	\$617	\$629	\$642
4400701900	PROVIDENCE	1,475	\$23,173	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400702000	PROVIDENCE	1,332	\$34,455	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400702101	PROVIDENCE	1,014	\$50,882	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400702102	PROVIDENCE	1,875	\$47,649	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400702200	PROVIDENCE	1,819	\$33,472	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400702300	PROVIDENCE	2,019	\$48,878	\$602	\$596	\$590	\$586	\$582	\$581	\$594	\$588	\$583	\$595	\$607
4400702400	PROVIDENCE	2,189	\$71,731	\$587	\$581	\$576	\$574	\$568	\$567	\$580	\$575	\$570	\$582	\$593
4400702500	PROVIDENCE	888	\$58,304	\$582	\$576	\$571	\$569	\$564	\$562	\$575	\$570	\$565	\$577	\$589
4400702600	PROVIDENCE	1,185	\$24,234	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400702700	PROVIDENCE	1,315	\$26,958	\$660	\$654	\$648	\$646	\$640	\$639	\$651	\$644	\$638	\$651	\$664
4400702800	PROVIDENCE	1,655	\$26,532	\$660	\$654	\$648	\$646	\$640	\$639	\$651	\$644	\$638	\$651	\$664
4400702900	PROVIDENCE	2,538	\$41,778	\$665	\$659	\$654	\$652	\$646	\$645	\$657	\$650	\$644	\$657	\$669
4400703100	PROVIDENCE	1,258	\$28,972	\$662	\$657	\$652	\$650	\$645	\$644	\$657	\$652	\$646	\$659	\$671
4400703200	PROVIDENCE	1,438	\$76,466	\$665	\$660	\$655	\$654	\$649	\$648	\$661	\$654	\$648	\$661	\$673
4400703300	PROVIDENCE	1,906	\$77,267	\$660	\$655	\$650	\$649	\$644	\$643	\$656	\$649	\$643	\$656	\$668
4400703400	PROVIDENCE	1,805	\$133,436	\$736	\$727	\$718	\$714	\$708	\$702	\$715	\$708	\$701	\$715	\$728
4400703500	PROVIDENCE	1,669	\$60,875	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400703601	PROVIDENCE	827	\$36,188	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400703602	PROVIDENCE	563	\$79,167	\$621	\$614	\$608	\$606	\$600	\$600	\$608	\$611	\$608	\$600	\$612
4400703700	PROVIDENCE	1,354	\$44,427	\$631	\$627	\$622	\$621	\$617	\$617	\$629	\$623	\$621	\$632	\$643
44007010101	EAST PROVIDENCE	1,420	\$71,544	\$660	\$655	\$650	\$647	\$642	\$641	\$654	\$647	\$641	\$654	\$666
44007010102	EAST PROVIDENCE	1,136	\$36,620	\$624	\$617	\$611	\$608	\$603	\$602	\$615	\$608	\$604	\$617	\$629
44007010900	CENTRAL FALLS	1,383	\$26,377	\$663	\$656	\$651	\$647	\$642	\$641	\$654	\$647	\$641	\$654	\$666
44007010900	CENTRAL FALLS	1,490	\$26,707	\$663	\$656	\$651	\$647	\$642	\$641	\$654	\$647	\$641	\$654	\$666
44007011000	CENTRAL FALLS	1,784	\$26,200	\$663	\$656	\$651	\$647	\$642	\$641	\$654	\$647	\$641	\$654	\$666
44007011100	CENTRAL FALLS	1,172	\$32,841	\$663	\$656	\$651	\$647	\$642	\$641	\$654	\$647	\$641	\$654	\$666
44007011200	CUMBERLAND	1,881	\$47,317	\$623	\$617	\$611	\$608	\$602	\$601	\$615	\$608	\$603	\$616	\$628
44007011301	CUMBERLAND	1,295	\$67,500	\$623	\$617	\$611	\$608	\$602	\$601	\$615	\$608	\$603	\$616	\$628
44007011302	CUMBERLAND	934	\$96,234	\$666	\$660	\$652	\$649	\$642	\$640	\$655	\$648	\$642	\$655	\$667

Projected Average Bill per Household, NBC Costs + Necessary Spending, 2016 Dollars

Circuit Feed	City/Town	Households	MWh	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
44007011403	CUMBERLAND	3,120	\$76,004	\$825	\$817	\$811	\$808	\$802	\$801	\$815	\$809	\$803	\$810	\$826
44007011800	LINCOLN	2,145	\$62,115	\$707	\$703	\$700	\$701	\$698	\$700	\$717	\$714	\$712	\$728	\$744
44007011800	LINCOLN	1,788	\$68,880	\$886	\$888	\$881	\$880	\$843	\$843	\$853	\$857	\$851	\$889	\$887
44007011701	LINCOLN	1,708	\$47,841	\$678	\$677	\$674	\$676	\$673	\$675	\$682	\$680	\$687	\$703	\$719
44007011702	LINCOLN	1,841	\$73,718	\$879	\$877	\$874	\$876	\$873	\$876	\$882	\$880	\$887	\$703	\$719
44007011800	NORTH PROVIDENCE	2,580	\$48,188	\$859	\$855	\$851	\$850	\$846	\$847	\$862	\$859	\$855	\$889	\$884
44007011801	NORTH PROVIDENCE	1,205	\$80,938	\$859	\$855	\$851	\$850	\$846	\$847	\$862	\$859	\$855	\$889	\$884
44007012000	NORTH PROVIDENCE	2,201	\$84,380	\$859	\$855	\$851	\$850	\$846	\$847	\$862	\$859	\$855	\$889	\$884
44007012102	NORTH PROVIDENCE	1,822	\$80,941	\$859	\$855	\$851	\$850	\$846	\$847	\$862	\$859	\$855	\$889	\$884
44007012103	NORTH PROVIDENCE	582	\$46,508	\$859	\$855	\$851	\$850	\$846	\$847	\$862	\$859	\$855	\$889	\$884
44007012104	NORTH PROVIDENCE	1,324	\$42,188	\$881	\$878	\$872	\$871	\$867	\$867	\$883	\$879	\$875	\$889	\$704
44007012800	JOHNSTON	2,082	\$58,803	\$801	\$803	\$805	\$801	\$873	\$870	\$882	\$875	\$888	\$879	\$890
44007012401	JOHNSTON	2,335	\$57,370	\$801	\$803	\$805	\$801	\$873	\$870	\$882	\$875	\$888	\$879	\$890
44007015000	PAWTUCKET	1,898	\$48,121	\$697	\$691	\$686	\$683	\$677	\$678	\$688	\$683	\$677	\$689	\$801
44007018100	PAWTUCKET	1,213	\$22,802	\$588	\$583	\$577	\$576	\$588	\$588	\$581	\$575	\$570	\$582	\$583
44007018200	PAWTUCKET	387	\$12,878	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018300	PAWTUCKET	965	\$30,595	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018400	PAWTUCKET	685	\$40,150	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018500	PAWTUCKET	1,881	\$48,407	\$684	\$678	\$672	\$670	\$665	\$665	\$678	\$670	\$671	\$688	\$689
44007018600	PAWTUCKET	988	\$44,200	\$681	\$675	\$668	\$667	\$662	\$662	\$673	\$668	\$671	\$688	\$689
44007018700	PAWTUCKET	1,508	\$68,748	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018900	PAWTUCKET	1,808	\$54,827	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018900	PAWTUCKET	1,180	\$58,125	\$622	\$608	\$580	\$578	\$572	\$570	\$583	\$578	\$573	\$584	\$598
44007018900	PAWTUCKET	1,215	\$38,850	\$573	\$568	\$562	\$560	\$555	\$554	\$568	\$561	\$556	\$568	\$579
44007018900	PAWTUCKET	1,809	\$81,298	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018900	PAWTUCKET	1,088	\$88,189	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018400	PAWTUCKET	1,758	\$34,241	\$583	\$577	\$572	\$570	\$564	\$563	\$575	\$570	\$566	\$577	\$588
44007018500	PAWTUCKET	1,512	\$88,131	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007018900	PAWTUCKET	580	\$40,234	\$588	\$580	\$574	\$572	\$567	\$565	\$578	\$573	\$567	\$578	\$591
44007018700	PAWTUCKET	1,141	\$34,577	\$583	\$577	\$572	\$570	\$564	\$563	\$575	\$570	\$566	\$577	\$588
44007018900	PAWTUCKET	1,198	\$80,313	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
44007017100	PAWTUCKET	1,484	\$38,201	\$694	\$688	\$682	\$680	\$674	\$673	\$686	\$680	\$676	\$688	\$698
44007010200	EAST PROVIDENCE	431	\$48,839	\$688	\$684	\$678	\$677	\$672	\$670	\$684	\$679	\$674	\$688	\$698
44007010300	EAST PROVIDENCE	778	\$38,288	\$676	\$689	\$684	\$683	\$668	\$667	\$670	\$666	\$661	\$673	\$685
44007011401	CUMBERLAND	824	\$80,998	\$823	\$817	\$811	\$808	\$802	\$801	\$815	\$809	\$803	\$810	\$828
44007011402	CUMBERLAND	457	\$101,800	\$823	\$817	\$811	\$808	\$802	\$801	\$815	\$809	\$803	\$810	\$828
44007011902	NORTH PROVIDENCE	2,066	\$87,411	\$889	\$894	\$888	\$885	\$883	\$883	\$700	\$695	\$691	\$708	\$728
44007012200	JOHNSTON	108	\$87,050	\$801	\$803	\$805	\$801	\$873	\$870	\$882	\$875	\$888	\$879	\$890
44007012402	JOHNSTON	845	\$58,578	\$801	\$803	\$805	\$801	\$873	\$870	\$882	\$875	\$888	\$879	\$890
44007012500	JOHNSTON	914	\$35,882	\$801	\$803	\$805	\$801	\$873	\$870	\$882	\$875	\$888	\$879	\$890
44007012802	SMITHFIELD	32	\$87,488	\$634	\$522	\$611	\$603	\$481	\$484	\$492	\$481	\$471	\$478	\$485
44007018900	PAWTUCKET	838	\$70,804	\$682	\$684	\$647	\$643	\$636	\$634	\$648	\$641	\$634	\$647	\$659
44007017000	PAWTUCKET	1,387	\$7,181	\$618	\$611	\$605	\$602	\$598	\$594	\$605	\$601	\$598	\$608	\$620
Total		119,428	\$48,108	\$826	\$818	\$812	\$809	\$804	\$802	\$816	\$810	\$805	\$818	\$838

Projected Affordability: NBC Costs

Centain Tract	City/Town	Households	MP	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
4400700101	PROVIDENCE	1,404	\$3,460	1.46%	1.44%	1.41%	1.45%	1.42%	1.44%	1.52%	1.62%	1.76%	1.78%	1.75%	1.74%	1.72%	1.70%	1.67%
4400700102	PROVIDENCE	1,410	\$34,297	1.37%	1.55%	1.32%	1.36%	1.33%	1.35%	1.43%	1.52%	1.65%	1.67%	1.65%	1.63%	1.61%	1.59%	1.57%
4400700200	PROVIDENCE	1,709	\$22,575	2.16%	2.13%	2.09%	2.14%	2.15%	2.14%	2.23%	2.40%	2.61%	2.64%	2.62%	2.59%	2.55%	2.52%	2.48%
4400700300	PROVIDENCE	1,985	\$20,130	1.70%	1.68%	1.65%	1.69%	1.66%	1.68%	1.77%	1.89%	2.09%	2.09%	2.06%	2.03%	2.01%	1.98%	1.97%
4400700400	PROVIDENCE	1,091	\$24,697	2.67%	1.99%	1.91%	2.00%	1.98%	1.96%	2.05%	2.24%	2.43%	2.46%	2.44%	2.40%	2.37%	2.35%	2.31%
4400700500	PROVIDENCE	782	\$24,523	1.91%	1.89%	1.65%	1.60%	1.65%	1.66%	2.00%	2.13%	2.21%	2.24%	2.23%	2.20%	2.18%	2.16%	2.11%
4400700600	PROVIDENCE	504	\$25,595	1.84%	1.81%	1.76%	1.83%	1.79%	1.82%	1.93%	2.04%	2.22%	2.35%	2.37%	2.35%	2.32%	2.29%	2.24%
4400700700	PROVIDENCE	524	\$15,259	1.80%	1.83%	1.36%	1.31%	1.36%	1.35%	1.54%	1.78%	2.00%	2.16%	2.12%	2.10%	2.07%	2.04%	1.99%
4400700800	PROVIDENCE	105	\$16,382	3.99%	2.62%	2.67%	2.54%	2.49%	2.53%	2.65%	2.84%	3.08%	3.33%	3.19%	3.22%	3.07%	2.98%	2.89%
4400700900	PROVIDENCE	777	\$26,076	1.55%	1.53%	1.50%	1.54%	1.51%	1.53%	1.62%	1.72%	1.87%	1.90%	1.88%	1.87%	1.85%	1.83%	1.81%
4400701000	PROVIDENCE	771	\$25,776	1.64%	1.62%	1.59%	1.63%	1.60%	1.62%	1.71%	1.82%	1.96%	2.00%	1.98%	1.96%	1.94%	1.92%	1.89%
4400701100	PROVIDENCE	951	\$42,683	1.02%	1.00%	0.95%	1.01%	0.99%	1.00%	1.06%	1.13%	1.22%	1.24%	1.23%	1.21%	1.20%	1.18%	1.16%
4400701200	PROVIDENCE	489	\$21,118	2.22%	2.19%	2.15%	2.20%	2.18%	2.26%	2.32%	2.47%	2.69%	2.72%	2.70%	2.67%	2.65%	2.63%	2.60%
4400701300	PROVIDENCE	1,418	\$28,989	1.74%	1.72%	1.69%	1.73%	1.69%	1.72%	1.81%	1.94%	2.16%	2.22%	2.20%	2.17%	2.15%	2.13%	2.09%
4400701400	PROVIDENCE	1,706	\$42,232	1.21%	1.19%	1.17%	1.20%	1.18%	1.20%	1.29%	1.54%	1.68%	1.68%	1.67%	1.65%	1.63%	1.61%	1.57%
4400701500	PROVIDENCE	889	\$48,517	0.97%	0.95%	0.94%	0.99%	0.94%	0.95%	1.01%	1.09%	1.17%	1.18%	1.17%	1.15%	1.14%	1.13%	1.11%
4400701600	PROVIDENCE	2,364	\$36,675	1.36%	1.34%	1.31%	1.35%	1.32%	1.34%	1.42%	1.53%	1.64%	1.66%	1.64%	1.62%	1.60%	1.58%	1.54%
4400701700	PROVIDENCE	1,232	\$25,536	1.64%	1.61%	1.59%	1.62%	1.59%	1.62%	1.72%	1.82%	1.94%	1.96%	1.94%	1.92%	1.90%	1.88%	1.84%
4400701800	PROVIDENCE	1,749	\$27,581	1.73%	1.75%	1.72%	1.76%	1.73%	1.76%	1.85%	1.96%	2.08%	2.07%	2.05%	2.03%	2.01%	1.98%	1.94%
4400701900	PROVIDENCE	1,476	\$23,173	2.02%	2.02%	1.98%	2.01%	1.97%	2.00%	2.12%	2.25%	2.45%	2.46%	2.44%	2.42%	2.39%	2.36%	2.32%
4400702000	PROVIDENCE	1,932	\$34,428	1.30%	1.34%	1.32%	1.35%	1.32%	1.35%	1.42%	1.51%	1.64%	1.67%	1.65%	1.62%	1.60%	1.58%	1.56%
4400702101	PROVIDENCE	1,014	\$50,882	0.82%	0.81%	0.80%	0.81%	0.80%	0.81%	0.86%	0.90%	0.93%	0.91%	0.89%	0.87%	0.85%	0.83%	0.81%
4400702102	PROVIDENCE	1,675	\$47,849	0.98%	0.97%	0.95%	0.98%	0.96%	0.97%	1.03%	1.07%	1.11%	1.12%	1.10%	1.09%	1.07%	1.05%	1.03%
4400702200	PROVIDENCE	1,819	\$33,472	1.40%	1.38%	1.36%	1.39%	1.36%	1.39%	1.49%	1.60%	1.72%	1.71%	1.69%	1.67%	1.65%	1.63%	1.60%
4400702300	PROVIDENCE	2,019	\$49,578	0.91%	0.90%	0.88%	0.91%	0.89%	0.90%	0.95%	1.02%	1.10%	1.12%	1.11%	1.09%	1.08%	1.06%	1.04%
4400702400	PROVIDENCE	2,189	\$71,731	0.81%	0.80%	0.78%	0.81%	0.80%	0.81%	0.84%	0.88%	0.94%	0.95%	0.94%	0.92%	0.91%	0.89%	0.87%
4400702500	PROVIDENCE	858	\$58,304	0.75%	0.74%	0.72%	0.74%	0.73%	0.74%	0.78%	0.83%	0.90%	0.91%	0.90%	0.89%	0.87%	0.85%	0.83%
4400702600	PROVIDENCE	1,185	\$24,234	1.64%	1.61%	1.59%	1.62%	1.59%	1.62%	1.72%	1.82%	1.94%	1.96%	1.94%	1.92%	1.90%	1.88%	1.84%
4400702700	PROVIDENCE	1,315	\$28,956	1.52%	1.50%	1.47%	1.51%	1.48%	1.51%	1.59%	1.70%	1.84%	1.87%	1.85%	1.82%	1.80%	1.78%	1.75%
4400702800	PROVIDENCE	1,555	\$26,532	1.67%	1.65%	1.61%	1.65%	1.62%	1.65%	1.74%	1.85%	2.01%	2.04%	2.02%	2.00%	1.97%	1.95%	1.91%
4400702900	PROVIDENCE	2,538	\$41,770	1.07%	1.06%	1.03%	1.06%	1.04%	1.06%	1.12%	1.19%	1.29%	1.31%	1.30%	1.28%	1.26%	1.25%	1.23%
4400703000	PROVIDENCE	1,438	\$23,977	1.74%	1.72%	1.69%	1.73%	1.69%	1.72%	1.82%	1.94%	2.10%	2.13%	2.11%	2.08%	2.05%	2.02%	1.98%
4400703100	PROVIDENCE	1,906	\$79,499	0.32%	0.31%	0.30%	0.31%	0.30%	0.31%	0.34%	0.36%	0.39%	0.37%	0.35%	0.33%	0.32%	0.30%	0.28%
4400703200	PROVIDENCE	1,906	\$77,257	0.34%	0.33%	0.32%	0.33%	0.32%	0.33%	0.36%	0.38%	0.41%	0.39%	0.37%	0.35%	0.33%	0.32%	0.30%
4400703300	PROVIDENCE	1,905	\$133,438	0.43%	0.42%	0.41%	0.42%	0.42%	0.42%	0.45%	0.48%	0.52%	0.52%	0.52%	0.51%	0.50%	0.49%	0.48%
4400703400	PROVIDENCE	1,559	\$50,873	0.82%	0.81%	0.80%	0.81%	0.80%	0.81%	0.86%	0.93%	1.03%	1.11%	1.13%	1.12%	1.10%	1.08%	1.06%
4400703501	PROVIDENCE	827	\$39,158	1.20%	1.18%	1.16%	1.19%	1.16%	1.18%	1.25%	1.33%	1.45%	1.47%	1.45%	1.43%	1.41%	1.40%	1.37%
4400703603	PROVIDENCE	593	\$79,167	0.99%	0.98%	0.97%	0.98%	0.97%	0.98%	1.02%	1.06%	1.12%	1.12%	1.11%	1.10%	1.09%	1.07%	1.05%
4400703700	PROVIDENCE	1,354	\$44,427	0.88%	0.87%	0.85%	0.87%	0.86%	0.87%	0.92%	0.98%	1.06%	1.08%	1.07%	1.05%	1.04%	1.03%	1.01%
44007010101	EAST PROVIDENCE	1,420	\$71,544	0.81%	0.81%	0.78%	0.81%	0.80%	0.81%	0.84%	0.89%	0.94%	0.95%	0.94%	0.92%	0.91%	0.89%	0.87%
44007010102	EAST PROVIDENCE	1,136	\$56,620	0.82%	0.82%	0.80%	0.82%	0.81%	0.82%	0.86%	0.92%	1.00%	1.01%	1.01%	0.99%	0.98%	0.95%	0.93%
44007010800	CENTRAL FALLS	1,383	\$25,377	1.85%	1.82%	1.79%	1.83%	1.80%	1.83%	1.93%	2.07%	2.23%	2.23%	2.21%	2.19%	2.17%	2.14%	2.09%
44007010900	CENTRAL FALLS	1,480	\$29,707	1.58%	1.56%	1.53%	1.57%	1.54%	1.56%	1.65%	1.76%	1.91%	1.93%	1.91%	1.89%	1.87%	1.84%	1.81%
44007011000	CENTRAL FALLS	1,784	\$29,290	1.60%	1.58%	1.55%	1.59%	1.56%	1.58%	1.67%	1.78%	1.93%	1.95%	1.94%	1.91%	1.89%	1.87%	1.84%
44007011100	CENTRAL FALLS	1,172	\$32,841	1.43%	1.41%	1.38%	1.42%	1.39%	1.41%	1.48%	1.59%	1.73%	1.73%	1.71%	1.69%	1.67%	1.64%	1.61%
44007011200	CUMBERLAND	1,891	\$47,317	0.99%	0.98%	0.96%	0.98%	0.96%	0.98%	1.03%	1.10%	1.20%	1.21%	1.20%	1.18%	1.17%	1.15%	1.14%
44007011301	CUMBERLAND	1,296	\$97,500	0.70%	0.69%	0.67%	0.69%	0.68%	0.69%	0.73%	0.77%	0.84%	0.85%	0.84%	0.83%	0.82%	0.81%	0.80%
44007011302	CUMBERLAND	994	\$25,234	0.63%	0.63%	0.62%	0.62%	0.62%	0.63%	0.66%	0.69%	0.74%	0.74%	0.73%	0.72%	0.71%	0.70%	0.69%

Projected Affordability, NBC Costs

Census Tract	City/Town	Households	MHI	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
44007011403	CUMBERLAND	2,120	\$76,004	0.82%	0.81%	0.80%	0.81%	0.80%	0.81%	0.84%	0.89%	0.70%	0.70%	0.75%	0.74%	0.73%	0.72%	0.71%
44007011800	LINCOLN	2,145	\$82,116	0.70%	0.78%	0.77%	0.78%	0.77%	0.79%	0.83%	0.88%	0.88%	0.97%	0.96%	0.96%	0.96%	0.94%	0.93%
44007011800	LINCOLN	1,788	\$88,880	0.71%	0.70%	0.88%	0.71%	0.89%	0.71%	0.74%	0.79%	0.86%	0.87%	0.87%	0.85%	0.84%	0.83%	0.82%
44007011701	LINCOLN	1,708	\$47,841	0.98%	0.97%	0.95%	0.97%	0.95%	0.97%	1.02%	1.09%	1.18%	1.20%	1.19%	1.17%	1.16%	1.14%	1.12%
44007011702	LINCOLN	1,641	\$73,718	0.84%	0.83%	0.82%	0.83%	0.82%	0.83%	0.88%	0.71%	0.77%	0.78%	0.77%	0.78%	0.78%	0.74%	0.73%
44007011800	NORTH PROVIDENCE	2,580	\$45,188	1.04%	1.03%	1.00%	1.03%	1.01%	1.03%	1.08%	1.18%	1.28%	1.27%	1.28%	1.24%	1.22%	1.21%	1.19%
44007011801	NORTH PROVIDENCE	1,205	\$50,938	0.82%	0.91%	0.89%	0.91%	0.90%	0.91%	0.98%	1.02%	1.11%	1.13%	1.12%	1.10%	1.09%	1.07%	1.06%
44007012000	NORTH PROVIDENCE	2,201	\$84,360	0.73%	0.72%	0.71%	0.72%	0.71%	0.72%	0.78%	0.81%	0.88%	0.88%	0.88%	0.87%	0.88%	0.85%	0.84%
44007012102	NORTH PROVIDENCE	1,822	\$60,941	0.82%	0.91%	0.89%	0.91%	0.90%	0.91%	0.98%	1.02%	1.11%	1.13%	1.12%	1.10%	1.09%	1.07%	1.06%
44007012103	NORTH PROVIDENCE	582	\$46,508	1.01%	1.00%	0.98%	1.00%	0.98%	1.00%	1.08%	1.12%	1.22%	1.23%	1.22%	1.20%	1.19%	1.18%	1.16%
44007012104	NORTH PROVIDENCE	1,324	\$42,188	1.18%	1.14%	1.12%	1.15%	1.13%	1.15%	1.21%	1.29%	1.40%	1.42%	1.41%	1.38%	1.37%	1.35%	1.34%
44007012300	JOHNSTON	2,082	\$55,903	0.84%	0.83%	0.82%	0.84%	0.82%	0.83%	0.88%	0.94%	1.02%	1.03%	1.02%	1.01%	0.99%	0.98%	0.97%
44007012401	JOHNSTON	2,335	\$57,370	0.82%	0.81%	0.79%	0.81%	0.80%	0.81%	0.88%	0.81%	0.89%	1.00%	0.99%	0.99%	0.98%	0.96%	0.94%
44007015000	PAWTUCKET	1,986	\$46,121	0.89%	0.88%	0.85%	0.87%	0.86%	0.87%	0.92%	1.02%	1.09%	1.18%	1.16%	1.15%	1.14%	1.14%	1.12%
44007016100	PAWTUCKET	1,213	\$22,902	1.84%	1.81%	1.87%	1.90%	1.86%	1.87%	1.92%	1.99%	2.07%	2.15%	2.14%	2.13%	2.12%	2.11%	2.10%
44007018200	PAWTUCKET	367	\$12,878	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
44007018300	PAWTUCKET	885	\$30,595	1.53%	1.51%	1.48%	1.52%	1.49%	1.52%	1.60%	1.71%	1.85%	1.89%	1.89%	1.89%	1.89%	1.88%	1.87%
44007018400	PAWTUCKET	885	\$40,150	1.17%	1.15%	1.13%	1.18%	1.14%	1.18%	1.22%	1.30%	1.41%	1.43%	1.42%	1.36%	1.35%	1.35%	1.34%
44007018500	PAWTUCKET	1,681	\$48,407	0.89%	0.88%	0.88%	0.88%	0.87%	0.88%	0.95%	0.99%	1.07%	1.08%	1.08%	1.06%	1.05%	1.04%	1.02%
44007018600	PAWTUCKET	888	\$44,200	0.89%	0.87%	0.88%	0.88%	0.88%	0.88%	0.95%	1.03%	1.10%	1.19%	1.21%	1.20%	1.18%	1.16%	1.15%
44007018700	PAWTUCKET	1,508	\$58,748	0.84%	0.83%	0.81%	0.83%	0.82%	0.83%	0.89%	0.94%	1.02%	1.03%	1.02%	1.00%	0.99%	0.98%	0.97%
44007018800	PAWTUCKET	1,808	\$54,827	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.94%	1.02%	1.09%	1.04%	1.03%	1.01%	1.00%	0.98%	0.96%
44007018900	PAWTUCKET	1,180	\$58,125	0.77%	0.78%	0.74%	0.78%	0.84%	0.89%	0.98%	1.04%	1.09%	1.04%	1.03%	1.01%	1.00%	0.98%	0.96%
44007019000	PAWTUCKET	1,215	\$33,850	1.27%	1.25%	1.23%	1.29%	1.24%	1.29%	1.33%	1.41%	1.53%	1.55%	1.54%	1.52%	1.50%	1.48%	1.46%
44007019100	PAWTUCKET	1,509	\$31,250	1.50%	1.48%	1.48%	1.48%	1.48%	1.48%	1.57%	1.67%	1.80%	1.82%	1.82%	1.79%	1.77%	1.75%	1.72%
44007019300	PAWTUCKET	1,088	\$88,198	0.71%	0.70%	0.69%	0.70%	0.69%	0.70%	0.74%	0.79%	0.88%	0.87%	0.88%	0.85%	0.84%	0.83%	0.81%
44007018400	PAWTUCKET	1,759	\$34,241	1.28%	1.26%	1.24%	1.27%	1.25%	1.27%	1.34%	1.42%	1.58%	1.57%	1.55%	1.53%	1.51%	1.49%	1.47%
44007018500	PAWTUCKET	1,512	\$88,191	0.94%	0.92%	0.91%	0.93%	0.91%	0.93%	0.97%	1.01%	1.02%	1.01%	1.00%	0.99%	0.98%	0.96%	0.94%
44007018700	PAWTUCKET	680	\$40,234	1.10%	1.08%	1.06%	1.09%	1.07%	1.08%	1.14%	1.22%	1.32%	1.34%	1.33%	1.31%	1.29%	1.28%	1.26%
44007018900	PAWTUCKET	1,141	\$34,577	1.27%	1.25%	1.23%	1.26%	1.23%	1.25%	1.32%	1.41%	1.53%	1.55%	1.54%	1.51%	1.50%	1.48%	1.46%
44007018900	PAWTUCKET	1,180	\$80,313	0.93%	0.92%	0.90%	0.93%	0.91%	0.92%	0.97%	1.04%	1.13%	1.14%	1.13%	1.11%	1.10%	1.09%	1.07%
44007017100	PAWTUCKET	1,484	\$39,201	1.14%	1.13%	1.11%	1.13%	1.11%	1.13%	1.18%	1.27%	1.38%	1.40%	1.39%	1.37%	1.35%	1.33%	1.31%
44007010200	EAST PROVIDENCE	431	\$48,539	0.90%	0.89%	0.87%	0.89%	0.87%	0.89%	0.94%	1.00%	1.06%	1.10%	1.06%	1.07%	1.08%	1.05%	1.03%
44007010300	EAST PROVIDENCE	778	\$38,288	1.17%	1.16%	1.14%	1.17%	1.14%	1.18%	1.23%	1.31%	1.42%	1.44%	1.42%	1.40%	1.38%	1.37%	1.35%
44007011401	CUMBERLAND	924	\$80,888	0.88%	0.87%	0.86%	0.88%	0.86%	0.87%	0.91%	0.98%	1.07%	1.07%	1.06%	1.05%	1.04%	1.03%	1.01%
44007011402	CUMBERLAND	457	\$101,900	0.48%	0.45%	0.45%	0.46%	0.46%	0.46%	0.46%	0.48%	0.56%	0.66%	0.66%	0.65%	0.64%	0.64%	0.63%
44007011902	NORTH PROVIDENCE	2,088	\$57,411	0.88%	0.87%	0.85%	0.87%	0.86%	0.87%	0.92%	0.98%	1.06%	1.08%	1.07%	1.06%	1.04%	1.03%	1.01%
44007012200	JOHNSTON	106	\$97,050	0.48%	0.48%	0.47%	0.48%	0.47%	0.48%	0.50%	0.54%	0.58%	0.59%	0.59%	0.58%	0.57%	0.56%	0.54%
44007012402	JOHNSTON	845	\$58,578	0.80%	0.78%	0.77%	0.79%	0.78%	0.79%	0.84%	0.89%	0.97%	0.98%	0.97%	0.96%	0.94%	0.93%	0.92%
44007012500	JOHNSTON	914	\$35,882	1.32%	1.30%	1.27%	1.31%	1.28%	1.30%	1.37%	1.48%	1.59%	1.61%	1.60%	1.57%	1.55%	1.54%	1.51%
44007012602	SMITHFIELD	32	\$87,465	0.70%	0.69%	0.67%	0.69%	0.68%	0.69%	0.73%	0.77%	0.84%	0.85%	0.84%	0.83%	0.82%	0.81%	0.80%
44007018900	PAWTUCKET	838	\$70,804	0.72%	0.71%	0.69%	0.71%	0.70%	0.71%	0.75%	0.80%	0.87%	0.88%	0.87%	0.86%	0.84%	0.84%	0.82%
44007017000	PAWTUCKET	1,387	\$7,181	0.82%	0.81%	0.78%	0.81%	0.80%	0.81%	0.85%	0.91%	0.99%	1.00%	1.00%	0.98%	0.97%	0.95%	0.94%
Total		119,420	\$45,108	1.44%	1.43%	1.41%	1.43%	1.41%	1.43%	1.49%	1.59%	1.67%	1.66%	1.65%	1.63%	1.61%	1.59%	1.57%

Projected Affordability: NBC Costs

Census Tract	City/Town	Households	MH	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2040	FY 2041
4400700001	PROVIDENCE	1,404	\$33,460	1.66%	1.62%	1.62%	1.58%	1.63%	1.60%	1.52%	1.50%	1.46%	1.45%	1.41%	1.41%
4400700102	PROVIDENCE	1,410	\$34,287	1.56%	1.52%	1.49%	1.47%	1.43%	1.41%	1.44%	1.40%	1.37%	1.35%	1.31%	1.31%
4400700200	PROVIDENCE	1,706	\$22,876	2.69%	2.42%	2.35%	2.31%	2.26%	2.23%	2.17%	2.21%	2.17%	2.20%	2.25%	2.25%
4400700300	PROVIDENCE	1,955	\$28,130	1.64%	1.59%	1.61%	1.52%	1.76%	1.76%	1.72%	1.73%	1.71%	1.72%	1.75%	1.75%
4400700400	PROVIDENCE	1,061	\$24,897	2.25%	2.24%	2.18%	2.16%	2.11%	2.08%	2.11%	2.03%	2.02%	2.03%	2.05%	2.05%
4400700500	PROVIDENCE	782	\$24,523	2.18%	2.11%	2.05%	2.05%	2.00%	1.97%	2.01%	1.98%	1.92%	1.95%	1.95%	1.95%
4400700600	PROVIDENCE	504	\$26,586	2.02%	2.04%	2.00%	1.97%	1.92%	1.89%	1.92%	1.88%	1.84%	1.87%	1.87%	1.87%
4400700700	PROVIDENCE	524	\$16,259	3.97%	3.78%	3.70%	3.64%	3.56%	3.50%	3.55%	3.49%	3.41%	3.46%	3.51%	3.51%
4400700800	PROVIDENCE	105	\$16,352	2.31%	2.33%	2.33%	2.34%	2.38%	2.44%	2.49%	2.52%	2.55%	2.58%	2.60%	2.64%
4400700900	PROVIDENCE	777	\$26,079	1.76%	1.72%	1.69%	1.66%	1.62%	1.60%	1.63%	1.59%	1.55%	1.56%	1.60%	1.60%
4400701000	PROVIDENCE	771	\$28,778	3.87%	3.83%	3.79%	3.75%	3.72%	3.68%	3.72%	3.68%	3.65%	3.62%	3.70%	3.70%
4400701100	PROVIDENCE	951	\$42,083	1.10%	1.13%	1.10%	1.06%	1.05%	1.05%	1.07%	1.04%	1.02%	1.03%	1.05%	1.05%
4400701200	PROVIDENCE	488	\$21,118	2.53%	2.37%	2.47%	2.58%	2.53%	2.22%	2.33%	2.28%	2.25%	2.25%	2.25%	2.30%
4400701300	PROVIDENCE	1,416	\$26,969	1.88%	1.94%	1.89%	1.85%	1.82%	1.80%	1.82%	1.75%	1.74%	1.74%	1.77%	1.80%
4400701400	PROVIDENCE	1,708	\$42,232	1.35%	1.35%	1.31%	1.29%	1.27%	1.25%	1.27%	1.24%	1.21%	1.23%	1.25%	1.25%
4400701500	PROVIDENCE	989	\$48,517	1.10%	1.04%	1.09%	1.04%	1.01%	1.00%	1.02%	0.99%	0.97%	0.98%	1.00%	1.00%
4400701600	PROVIDENCE	2,384	\$38,875	1.65%	1.51%	1.48%	1.46%	1.42%	1.40%	1.43%	1.39%	1.36%	1.38%	1.38%	1.40%
4400701700	PROVIDENCE	1,232	\$28,538	2.59%	2.69%	2.60%	2.67%	2.63%	2.60%	2.63%	2.66%	2.68%	2.68%	2.70%	2.70%
4400701800	PROVIDENCE	1,749	\$27,381	2.62%	2.68%	2.63%	2.60%	2.58%	2.59%	2.66%	2.62%	2.58%	2.61%	2.64%	2.64%
4400701900	PROVIDENCE	1,475	\$23,173	2.31%	2.28%	2.20%	2.17%	2.12%	2.08%	2.13%	2.08%	2.05%	2.05%	2.05%	2.05%
4400702000	PROVIDENCE	1,332	\$34,485	1.53%	1.51%	1.48%	1.46%	1.42%	1.40%	1.43%	1.40%	1.38%	1.39%	1.41%	1.41%
4400702101	PROVIDENCE	1,014	\$50,892	1.05%	1.02%	1.02%	0.98%	0.97%	0.95%	0.97%	0.95%	0.92%	0.94%	0.95%	0.95%
4400702102	PROVIDENCE	1,875	\$47,848	1.12%	1.10%	1.07%	1.05%	1.03%	1.02%	1.03%	1.01%	0.99%	1.00%	1.02%	1.02%
4400702200	PROVIDENCE	1,819	\$53,472	1.60%	1.56%	1.55%	1.50%	1.47%	1.45%	1.47%	1.44%	1.41%	1.42%	1.45%	1.45%
4400702300	PROVIDENCE	2,019	\$48,578	1.04%	1.02%	0.99%	0.98%	0.96%	0.94%	0.95%	0.94%	0.92%	0.93%	0.94%	0.94%
4400702400	PROVIDENCE	2,159	\$71,731	0.70%	0.65%	0.67%	0.66%	0.64%	0.63%	0.64%	0.63%	0.61%	0.62%	0.63%	0.63%
4400702500	PROVIDENCE	560	\$58,304	0.65%	0.61%	0.61%	0.60%	0.58%	0.57%	0.58%	0.57%	0.55%	0.56%	0.57%	0.57%
4400702600	PROVIDENCE	1,185	\$24,234	2.20%	2.06%	2.04%	2.02%	2.00%	2.00%	2.00%	1.99%	1.94%	1.97%	1.97%	2.00%
4400702700	PROVIDENCE	1,510	\$26,066	1.74%	1.70%	1.65%	1.63%	1.60%	1.57%	1.60%	1.56%	1.53%	1.55%	1.58%	1.58%
4400702800	PROVIDENCE	1,855	\$26,582	1.30%	1.28%	1.24%	1.22%	1.20%	1.17%	1.18%	1.14%	1.12%	1.10%	1.12%	1.12%
4400702900	PROVIDENCE	2,538	\$41,776	1.22%	1.19%	1.16%	1.15%	1.12%	1.10%	1.12%	1.10%	1.07%	1.09%	1.11%	1.11%
4400703100	PROVIDENCE	1,255	\$23,972	1.99%	1.94%	1.99%	1.88%	1.82%	1.80%	1.83%	1.79%	1.75%	1.77%	1.80%	1.80%
4400703200	PROVIDENCE	1,438	\$79,406	0.59%	0.56%	0.56%	0.55%	0.54%	0.53%	0.54%	0.53%	0.52%	0.53%	0.54%	0.54%
4400703300	PROVIDENCE	1,908	\$77,287	0.61%	0.60%	0.59%	0.58%	0.56%	0.56%	0.57%	0.55%	0.54%	0.55%	0.56%	0.56%
4400703400	PROVIDENCE	1,905	\$139,438	0.48%	0.48%	0.47%	0.46%	0.45%	0.44%	0.45%	0.44%	0.43%	0.44%	0.44%	0.44%
4400703500	PROVIDENCE	1,569	\$80,575	1.05%	1.03%	1.00%	0.99%	0.97%	0.95%	0.97%	0.95%	0.92%	0.94%	0.95%	0.95%
4400703601	PROVIDENCE	627	\$38,188	1.35%	1.33%	1.30%	1.28%	1.25%	1.24%	1.26%	1.23%	1.20%	1.22%	1.24%	1.24%
4400703602	PROVIDENCE	593	\$78,167	0.67%	0.66%	0.64%	0.63%	0.62%	0.61%	0.62%	0.61%	0.59%	0.60%	0.61%	0.61%
4400703700	PROVIDENCE	1,354	\$44,427	1.00%	0.98%	0.96%	0.94%	0.92%	0.91%	0.92%	0.90%	0.88%	0.90%	0.91%	0.91%
44007010101	EAST PROVIDENCE	1,420	\$71,544	0.70%	0.68%	0.67%	0.66%	0.64%	0.63%	0.65%	0.63%	0.62%	0.63%	0.64%	0.64%
44007010102	EAST PROVIDENCE	1,136	\$56,820	0.64%	0.62%	0.60%	0.59%	0.57%	0.56%	0.57%	0.55%	0.53%	0.54%	0.55%	0.55%
44007010600	CENTRAL FALLS	1,363	\$25,377	2.13%	2.08%	2.03%	1.98%	1.94%	1.91%	1.94%	1.90%	1.85%	1.88%	1.91%	1.91%
44007010800	CENTRAL FALLS	1,480	\$26,707	1.90%	1.78%	1.72%	1.69%	1.65%	1.63%	1.66%	1.62%	1.59%	1.61%	1.61%	1.61%
44007011000	CENTRAL FALLS	1,784	\$28,280	1.52%	1.49%	1.44%	1.42%	1.38%	1.36%	1.38%	1.34%	1.31%	1.32%	1.33%	1.33%
44007011100	CENTRAL FALLS	1,172	\$32,841	1.63%	1.59%	1.55%	1.53%	1.50%	1.47%	1.50%	1.47%	1.43%	1.45%	1.48%	1.48%
44007011200	CUMBERLAND	1,961	\$47,317	1.13%	1.10%	1.08%	1.06%	1.04%	1.02%	1.04%	1.02%	0.99%	1.01%	1.02%	1.02%
44007011301	CUMBERLAND	1,298	\$67,500	0.79%	0.77%	0.76%	0.74%	0.73%	0.72%	0.73%	0.71%	0.70%	0.71%	0.72%	0.72%
44007011302	CUMBERLAND	934	\$85,234	0.81%	0.79%	0.78%	0.77%	0.76%	0.75%	0.76%	0.74%	0.73%	0.74%	0.75%	0.75%

Projected Affordability, NBC Costs

Census Tract	City/Town	Households	MM	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039	FY 2040	FY 2041
44007011403	CUMBERLAND	2,120	\$78,004	0.70%	0.69%	0.67%	0.66%	0.65%	0.64%	0.63%	0.62%	0.61%	0.60%	0.59%
44007011800	LINCOLN	2,148	\$62,115	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
44007011800	LINCOLN	1,798	\$68,980	0.81%	0.79%	0.78%	0.78%	0.78%	0.74%	0.73%	0.73%	0.72%	0.72%	0.74%
44007011701	LINCOLN	1,708	\$47,841	1.12%	1.06%	1.07%	1.05%	1.03%	1.01%	1.03%	1.01%	0.98%	1.00%	1.01%
44007011702	LINCOLN	1,841	\$73,718	0.72%	0.71%	0.69%	0.68%	0.67%	0.66%	0.67%	0.65%	0.64%	0.63%	0.63%
44007011800	NORTH PROVIDENCE	2,590	\$48,188	1.16%	1.16%	1.13%	1.11%	1.09%	1.07%	1.09%	1.07%	1.04%	1.06%	1.07%
44007011901	NORTH PROVIDENCE	1,205	\$80,938	1.05%	1.03%	1.00%	0.99%	0.98%	0.95%	0.97%	0.96%	0.92%	0.94%	0.96%
44007012000	NORTH PROVIDENCE	2,201	\$64,380	0.83%	0.81%	0.78%	0.78%	0.78%	0.75%	0.77%	0.76%	0.73%	0.74%	0.75%
44007012102	NORTH PROVIDENCE	1,822	\$60,941	1.05%	1.03%	1.00%	0.99%	0.98%	0.95%	0.97%	0.96%	0.92%	0.94%	0.96%
44007012103	NORTH PROVIDENCE	552	\$48,508	1.16%	1.12%	1.10%	1.08%	1.06%	1.04%	1.06%	1.04%	1.01%	1.03%	1.04%
44007012104	NORTH PROVIDENCE	1,324	\$42,188	1.32%	1.29%	1.26%	1.24%	1.21%	1.20%	1.22%	1.18%	1.18%	1.18%	1.20%
44007012300	JOHNSTON	2,082	\$65,803	0.98%	0.94%	0.92%	0.90%	0.89%	0.87%	0.89%	0.87%	0.85%	0.86%	0.88%
44007012401	JOHNSTON	2,335	\$67,370	0.93%	0.91%	0.89%	0.88%	0.88%	0.84%	0.86%	0.84%	0.82%	0.83%	0.85%
44007018000	PAWTUCKET	1,688	\$46,121	1.11%	1.09%	1.06%	1.05%	1.02%	1.01%	1.02%	1.00%	0.98%	0.98%	1.01%
44007018100	PAWTUCKET	1,213	\$22,902	1.21%	1.15%	1.11%	1.07%	1.05%	1.02%	1.03%	1.01%	0.98%	1.00%	1.01%
44007018200	PAWTUCKET	397	\$12,676	1.21%	1.12%	1.07%	1.05%	1.03%	1.01%	1.02%	1.00%	0.98%	0.98%	1.01%
44007018300	PAWTUCKET	885	\$30,595	1.13%	1.11%	1.07%	1.04%	1.01%	1.00%	1.01%	0.97%	0.95%	0.96%	0.98%
44007018400	PAWTUCKET	885	\$40,180	1.33%	1.30%	1.27%	1.25%	1.22%	1.21%	1.23%	1.20%	1.17%	1.18%	1.21%
44007018500	PAWTUCKET	1,581	\$48,407	1.01%	0.99%	0.97%	0.95%	0.93%	0.92%	0.93%	0.91%	0.89%	0.91%	0.92%
44007018600	PAWTUCKET	888	\$44,200	1.12%	1.10%	1.07%	1.05%	1.03%	1.02%	1.04%	1.01%	0.99%	1.01%	1.02%
44007018700	PAWTUCKET	1,508	\$56,748	0.99%	0.94%	0.92%	0.90%	0.88%	0.87%	0.88%	0.86%	0.84%	0.86%	0.87%
44007018800	PAWTUCKET	1,808	\$54,827	0.98%	0.98%	0.93%	0.92%	0.90%	0.88%	0.89%	0.86%	0.84%	0.86%	0.87%
44007018900	PAWTUCKET	1,180	\$58,125	0.87%	0.85%	0.84%	0.82%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%
44007018000	PAWTUCKET	1,218	\$35,850	1.46%	1.41%	1.38%	1.36%	1.33%	1.31%	1.33%	1.30%	1.27%	1.29%	1.31%
44007018100	PAWTUCKET	1,809	\$31,238	1.71%	1.67%	1.63%	1.61%	1.57%	1.55%	1.58%	1.54%	1.51%	1.53%	1.55%
44007018300	PAWTUCKET	1,088	\$68,189	0.81%	0.78%	0.77%	0.76%	0.74%	0.73%	0.74%	0.73%	0.71%	0.72%	0.73%
44007018400	PAWTUCKET	1,759	\$34,241	1.46%	1.43%	1.38%	1.37%	1.34%	1.32%	1.34%	1.31%	1.28%	1.30%	1.32%
44007018500	PAWTUCKET	1,512	\$58,131	0.95%	0.93%	0.91%	0.90%	0.88%	0.88%	0.88%	0.86%	0.84%	0.86%	0.86%
44007018600	PAWTUCKET	580	\$40,294	1.28%	1.22%	1.19%	1.17%	1.16%	1.13%	1.15%	1.12%	1.10%	1.12%	1.13%
44007018700	PAWTUCKET	1,141	\$34,577	1.44%	1.41%	1.38%	1.36%	1.33%	1.31%	1.33%	1.30%	1.27%	1.29%	1.31%
44007018800	PAWTUCKET	1,188	\$50,313	1.08%	1.04%	1.01%	1.00%	0.98%	0.98%	0.98%	0.96%	0.94%	0.96%	0.96%
44007017100	PAWTUCKET	1,484	\$36,201	1.30%	1.27%	1.24%	1.22%	1.20%	1.18%	1.20%	1.17%	1.15%	1.16%	1.18%
44007010200	EAST PROVIDENCE	481	\$48,538	1.02%	1.00%	0.98%	0.96%	0.94%	0.93%	0.94%	0.92%	0.90%	0.92%	0.93%
44007010300	EAST PROVIDENCE	778	\$38,288	1.34%	1.31%	1.28%	1.26%	1.23%	1.21%	1.23%	1.21%	1.18%	1.20%	1.21%
44007011401	CUMBERLAND	824	\$60,888	0.98%	0.96%	0.93%	0.92%	0.91%	0.90%	0.91%	0.90%	0.88%	0.89%	0.90%
44007011402	CUMBERLAND	457	\$101,800	0.62%	0.61%	0.59%	0.59%	0.58%	0.58%	0.58%	0.57%	0.56%	0.57%	0.58%
44007011802	NORTH PROVIDENCE	2,088	\$57,411	1.00%	0.98%	0.96%	0.94%	0.92%	0.91%	0.92%	0.90%	0.88%	0.90%	0.91%
44007012200	JOHNSTON	108	\$97,050	0.55%	0.54%	0.53%	0.52%	0.51%	0.50%	0.51%	0.50%	0.48%	0.49%	0.50%
44007012402	JOHNSTON	845	\$58,578	0.81%	0.80%	0.77%	0.76%	0.75%	0.74%	0.74%	0.73%	0.71%	0.72%	0.73%
44007012800	JOHNSTON	914	\$38,862	1.50%	1.48%	1.43%	1.41%	1.38%	1.36%	1.38%	1.35%	1.32%	1.34%	1.35%
44007012902	SMITHFIELD	32	\$67,465	0.79%	0.77%	0.75%	0.74%	0.73%	0.72%	0.73%	0.71%	0.70%	0.71%	0.72%
44007018800	PAWTUCKET	888	\$70,804	0.82%	0.80%	0.78%	0.77%	0.75%	0.74%	0.76%	0.74%	0.72%	0.73%	0.74%
44007017000	PAWTUCKET	1,387	\$7,181	0.93%	0.91%	0.88%	0.88%	0.86%	0.85%	0.86%	0.84%	0.82%	0.84%	0.85%
Total		118,425	\$45,166	1.20%	1.21%	1.24%	1.23%	1.20%	1.18%	1.20%	1.17%	1.15%	1.17%	1.18%

Project Affordability: NBC Costs + Necessary Spending

Census Tract	City/Town	Households	MHI	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	
4400700001	PROVIDENCE	1,494	\$31,480	1.46%	1.44%	1.43%	1.42%	1.41%	1.40%	1.39%	1.38%	1.37%	1.36%	1.35%	1.34%	1.33%	1.32%	1.31%	1.30%	1.29%	1.28%	1.27%	1.26%	1.25%	
4400700012	PROVIDENCE	1,410	\$34,297	1.27%	1.25%	1.24%	1.23%	1.22%	1.21%	1.20%	1.19%	1.18%	1.17%	1.16%	1.15%	1.14%	1.13%	1.12%	1.11%	1.10%	1.09%	1.08%	1.07%	1.06%	
4400700020	PROVIDENCE	1,709	\$22,876	2.06%	2.03%	2.02%	2.01%	2.00%	1.99%	1.98%	1.97%	1.96%	1.95%	1.94%	1.93%	1.92%	1.91%	1.90%	1.89%	1.88%	1.87%	1.86%	1.85%	1.84%	
4400700030	PROVIDENCE	1,855	\$28,130	1.70%	1.68%	1.67%	1.66%	1.65%	1.64%	1.63%	1.62%	1.61%	1.60%	1.59%	1.58%	1.57%	1.56%	1.55%	1.54%	1.53%	1.52%	1.51%	1.50%	1.49%	
4400700040	PROVIDENCE	1,091	\$24,687	2.01%	1.99%	1.98%	1.97%	1.96%	1.95%	1.94%	1.93%	1.92%	1.91%	1.90%	1.89%	1.88%	1.87%	1.86%	1.85%	1.84%	1.83%	1.82%	1.81%	1.80%	
4400700050	PROVIDENCE	782	\$24,623	1.31%	1.29%	1.28%	1.27%	1.26%	1.25%	1.24%	1.23%	1.22%	1.21%	1.20%	1.19%	1.18%	1.17%	1.16%	1.15%	1.14%	1.13%	1.12%	1.11%	1.10%	
4400700060	PROVIDENCE	804	\$26,558	1.64%	1.62%	1.61%	1.60%	1.59%	1.58%	1.57%	1.56%	1.55%	1.54%	1.53%	1.52%	1.51%	1.50%	1.49%	1.48%	1.47%	1.46%	1.45%	1.44%	1.43%	
4400700070	PROVIDENCE	624	\$15,258	1.40%	1.38%	1.37%	1.36%	1.35%	1.34%	1.33%	1.32%	1.31%	1.30%	1.29%	1.28%	1.27%	1.26%	1.25%	1.24%	1.23%	1.22%	1.21%	1.20%	1.19%	
4400700080	PROVIDENCE	106	\$18,252	2.88%	2.85%	2.84%	2.83%	2.82%	2.81%	2.80%	2.79%	2.78%	2.77%	2.76%	2.75%	2.74%	2.73%	2.72%	2.71%	2.70%	2.69%	2.68%	2.67%	2.66%	
4400700090	PROVIDENCE	777	\$26,079	1.55%	1.53%	1.52%	1.51%	1.50%	1.49%	1.48%	1.47%	1.46%	1.45%	1.44%	1.43%	1.42%	1.41%	1.40%	1.39%	1.38%	1.37%	1.36%	1.35%	1.34%	
4400700100	PROVIDENCE	771	\$26,778	1.64%	1.62%	1.61%	1.60%	1.59%	1.58%	1.57%	1.56%	1.55%	1.54%	1.53%	1.52%	1.51%	1.50%	1.49%	1.48%	1.47%	1.46%	1.45%	1.44%	1.43%	
4400700110	PROVIDENCE	951	\$42,083	1.02%	1.00%	1.00%	1.04%	1.04%	1.04%	1.07%	1.14%	1.22%	1.33%	1.37%	1.37%	1.37%	1.36%	1.35%	1.34%	1.33%	1.32%	1.31%	1.30%	1.29%	
4400700120	PROVIDENCE	489	\$21,118	2.22%	2.19%	2.18%	2.17%	2.16%	2.15%	2.14%	2.13%	2.12%	2.11%	2.10%	2.09%	2.08%	2.07%	2.06%	2.05%	2.04%	2.03%	2.02%	2.01%	2.00%	
4400700130	PROVIDENCE	1,416	\$26,960	1.74%	1.72%	1.71%	1.70%	1.69%	1.68%	1.67%	1.66%	1.65%	1.64%	1.63%	1.62%	1.61%	1.60%	1.59%	1.58%	1.57%	1.56%	1.55%	1.54%	1.53%	
4400700140	PROVIDENCE	1,708	\$42,232	1.21%	1.19%	1.19%	1.23%	1.22%	1.26%	1.34%	1.44%	1.57%	1.60%	1.62%	1.63%	1.63%	1.63%	1.63%	1.63%	1.63%	1.63%	1.63%	1.63%	1.63%	1.63%
4400700150	PROVIDENCE	989	\$46,617	0.97%	0.95%	0.95%	0.99%	0.98%	1.01%	1.08%	1.16%	1.26%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	1.29%	
4400700160	PROVIDENCE	2,384	\$36,675	1.36%	1.34%	1.33%	1.32%	1.31%	1.30%	1.29%	1.28%	1.27%	1.26%	1.25%	1.24%	1.23%	1.22%	1.21%	1.20%	1.19%	1.18%	1.17%	1.16%	1.15%	
4400700170	PROVIDENCE	1,232	\$26,636	1.64%	1.61%	1.61%	1.65%	1.64%	1.67%	1.74%	1.82%	1.92%	1.95%	1.95%	1.95%	1.95%	1.95%	1.95%	1.95%	1.95%	1.95%	1.95%	1.95%	1.95%	
4400700180	PROVIDENCE	1,740	\$27,361	1.78%	1.75%	1.74%	1.73%	1.72%	1.71%	1.70%	1.69%	1.68%	1.67%	1.66%	1.65%	1.64%	1.63%	1.62%	1.61%	1.60%	1.59%	1.58%	1.57%	1.56%	
4400700190	PROVIDENCE	1,476	\$23,173	2.02%	1.99%	1.99%	2.03%	2.02%	2.05%	2.12%	2.20%	2.29%	2.32%	2.32%	2.32%	2.32%	2.32%	2.32%	2.32%	2.32%	2.32%	2.32%	2.32%	2.32%	
4400700200	PROVIDENCE	1,332	\$34,485	1.30%	1.28%	1.28%	1.32%	1.31%	1.34%	1.41%	1.49%	1.57%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	1.60%	
4400700210	PROVIDENCE	1,014	\$50,882	0.82%	0.81%	0.81%	0.84%	0.84%	0.87%	0.94%	1.02%	1.10%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	
4400700220	PROVIDENCE	1,676	\$47,949	0.88%	0.87%	0.87%	0.91%	0.90%	0.93%	1.00%	1.08%	1.16%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	
4400700230	PROVIDENCE	1,619	\$33,472	1.40%	1.38%	1.37%	1.41%	1.40%	1.43%	1.50%	1.58%	1.66%	1.69%	1.69%	1.69%	1.69%	1.69%	1.69%	1.69%	1.69%	1.69%	1.69%	1.69%	1.69%	
4400700240	PROVIDENCE	2,019	\$48,578	0.81%	0.80%	0.80%	0.83%	0.83%	0.86%	0.93%	1.01%	1.09%	1.17%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	
4400700250	PROVIDENCE	2,189	\$71,731	0.61%	0.60%	0.60%	0.63%	0.63%	0.66%	0.73%	0.81%	0.89%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	
4400700260	PROVIDENCE	688	\$59,304	0.75%	0.74%	0.73%	0.76%	0.76%	0.79%	0.86%	0.94%	1.02%	1.10%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	1.13%	
4400700280	PROVIDENCE	1,186	\$24,234	1.94%	1.91%	1.90%	1.94%	1.93%	1.96%	2.03%	2.11%	2.19%	2.27%	2.27%	2.27%	2.27%	2.27%	2.27%	2.27%	2.27%	2.27%	2.27%	2.27%	2.27%	
4400700270	PROVIDENCE	1,316	\$38,658	1.23%	1.21%	1.20%	1.24%	1.23%	1.26%	1.33%	1.41%	1.49%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	1.52%	
4400700280	PROVIDENCE	1,655	\$26,632	1.67%	1.65%	1.64%	1.68%	1.67%	1.70%	1.77%	1.85%	1.93%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	1.96%	
4400700290	PROVIDENCE	2,538	\$41,778	1.07%	1.05%	1.05%	1.09%	1.08%	1.11%	1.18%	1.26%	1.34%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	1.37%	
4400700310	PROVIDENCE	1,266	\$22,972	1.74%	1.72%	1.71%	1.75%	1.74%	1.77%	1.84%	1.92%	2.00%	2.08%	2.11%	2.11%	2.11%	2.11%	2.11%	2.11%	2.11%	2.11%	2.11%	2.11%	2.11%	
4400700320	PROVIDENCE	1,438	\$76,406	0.52%	0.51%	0.51%	0.55%	0.54%	0.57%	0.64%	0.72%	0.80%	0.83%	0.83%	0.83%	0.83%	0.83%	0.83%	0.83%	0.83%	0.83%	0.83%	0.83%	0.83%	
4400700330	PROVIDENCE	1,906	\$77,267	0.54%	0.53%	0.53%	0.57%	0.56%	0.59%	0.66%	0.74%	0.82%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	
4400700340	PROVIDENCE	1,906	\$133,436	0.42%	0.42%	0.42%	0.47%	0.47%	0.49%	0.56%	0.64%	0.72%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%	0.75%		
4400700350	PROVIDENCE	1,660	\$60,875	0.92%	0.91%	0.91%	0.94%	0.94%	0.97%	1.04%	1.12%	1.20%	1.23%	1.23%	1.23%	1.23%	1.23%	1.23%	1.23%	1.23%	1.23%	1.23%	1.23%	1.23%	
4400700360	PROVIDENCE	827	\$38,188	1.20%	1.18%	1.18%	1.22%	1.22%	1.25%	1.32%	1.40%	1.48%	1.51%	1.51%	1.51%	1.51%	1.51%	1.51%	1.51%	1.51%	1.51%	1.51%	1.51%	1.51%	
4400700380	PROVIDENCE	693	\$78,187	0.56%	0.56%	0.56%	0.61%	0.60%	0.62%	0.69%	0.77%	0.85%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	0.88%	
4400700370	PROVIDENCE	1,354	\$44,427	0.88%	0.87%	0.87%	0.90%	0.90%	0.93%	0.99%	1.07%	1.15%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	1.18%	
4400701010	EAST PROVIDENCE	1,420	\$71,544	0.61%	0.61%	0.60%	0.63%	0.63%	0.66%	0.73%	0.81%	0.89%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%	
4400701012	EAST PROVIDENCE	1,136	\$68,820	0.83%	0.82%	0.81%	0.85%	0.84%	0.87%	0.92%	0.99%	1.08%	1.16%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%	
4400701090	CENTRAL FALLS	1,383	\$26,377	1.66%	1.62%	1.61%	1.65%	1.64%	1.67%	1.74%	1.82%	1.90%	1.93%	1.93%	1.93%	1.93%	1.93%	1.93%	1.93%	1.93%	1.93%	1.93%	1.93%	1.93%	
4400701090	CENTRAL FALLS	1,480	\$26,707	1.56%	1.55%	1.54%	1.58%	1.57%	1.60%	1.67%	1.75%	1.83%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	1.86%	
4400701100	CENTRAL FALLS	1,784	\$26,230	1.60%	1.58%	1.58%	1.62%	1.61%	1.64%	1.71%	1.79%	1.87%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%	
4400701110	CENTRAL FALLS	1,172	\$32,841	1.42%	1.41%	1.40%	1.44%	1.43%	1.47%	1.54%	1.62%	1.70%	1.73%	1.73%	1.73%	1.73%	1.73%	1.73%	1.73%	1.73%	1.73%	1.73%	1.73%	1.73%	
4400701120	CUMBERLAND	1,861	\$47,317	0.89%	0.88%	0.87%	0.91%																		

Projected Affordability, NBC Costs + Necessary Spending

Census Tract	City/Town	Households	Med	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
44007011403	CUMBERLAND	2,120	\$76,004	0.82%	0.81%	0.81%	0.83%	0.83%	0.85%	0.85%	0.74%	0.81%	0.82%	0.83%	0.82%	0.82%	0.82%	0.82%
44007011600	LINCOLN	2,145	\$62,116	0.76%	0.78%	0.78%	0.82%	0.83%	0.86%	0.92%	0.99%	1.08%	1.11%	1.12%	1.12%	1.12%	1.13%	1.13%
44007011800	LINCOLN	1,788	\$68,580	0.71%	0.70%	0.70%	0.73%	0.73%	0.78%	0.81%	0.87%	0.96%	0.97%	0.97%	0.97%	0.97%	0.97%	0.97%
44007011701	LINCOLN	1,708	\$47,841	0.98%	0.97%	0.97%	1.02%	1.02%	1.06%	1.14%	1.23%	1.34%	1.38%	1.38%	1.38%	1.38%	1.40%	1.41%
44007011702	LINCOLN	1,841	\$73,718	0.84%	0.83%	0.83%	0.86%	0.86%	0.88%	0.74%	0.80%	0.87%	0.90%	0.90%	0.90%	0.91%	0.91%	0.91%
44007011800	NORTH PROVIDENCE	2,580	\$48,188	1.04%	1.03%	1.03%	1.06%	1.06%	1.12%	1.19%	1.28%	1.40%	1.44%	1.44%	1.44%	1.44%	1.45%	1.45%
44007011901	NORTH PROVIDENCE	1,205	\$50,938	0.92%	0.91%	0.92%	0.96%	0.96%	0.99%	1.06%	1.14%	1.24%	1.28%	1.28%	1.28%	1.28%	1.28%	1.28%
44007012000	NORTH PROVIDENCE	2,201	\$64,380	0.73%	0.72%	0.73%	0.76%	0.76%	0.78%	0.84%	0.90%	0.98%	1.01%	1.01%	1.01%	1.02%	1.02%	1.02%
44007012102	NORTH PROVIDENCE	1,822	\$50,941	0.82%	0.91%	0.92%	0.96%	0.96%	0.99%	1.06%	1.14%	1.24%	1.28%	1.28%	1.28%	1.28%	1.28%	1.28%
44007012103	NORTH PROVIDENCE	562	\$46,508	1.01%	1.00%	1.00%	1.05%	1.05%	1.06%	1.16%	1.25%	1.38%	1.40%	1.40%	1.40%	1.41%	1.41%	1.41%
44007012104	NORTH PROVIDENCE	1,324	\$42,188	1.16%	1.14%	1.16%	1.20%	1.20%	1.24%	1.33%	1.43%	1.60%	1.60%	1.60%	1.60%	1.61%	1.61%	1.61%
44007012300	JOHNSTON	2,082	\$58,603	0.84%	0.83%	0.83%	0.86%	0.86%	0.89%	0.93%	1.00%	1.08%	1.11%	1.11%	1.10%	1.09%	1.09%	1.09%
44007012401	JOHNSTON	2,335	\$57,730	0.82%	0.81%	0.81%	0.83%	0.83%	0.85%	0.90%	0.97%	1.05%	1.07%	1.07%	1.08%	1.08%	1.08%	1.08%
44007015000	PAWTUCKET	1,898	\$48,121	0.88%	0.85%	0.85%	1.00%	0.99%	1.02%	1.09%	1.17%	1.28%	1.31%	1.31%	1.31%	1.31%	1.31%	1.31%
44007016100	PAWTUCKET	1,213	\$22,902	1.94%	1.91%	1.91%	1.99%	1.97%	2.03%	2.18%	2.33%	2.33%	2.33%	2.33%	2.33%	2.33%	2.33%	2.33%
44007016200	PAWTUCKET	367	\$12,878	1.70%	1.67%	1.67%	1.73%	1.73%	1.77%	1.82%	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%	1.87%
44007015300	PAWTUCKET	885	\$30,585	1.53%	1.51%	1.51%	1.57%	1.55%	1.60%	1.71%	1.83%	2.00%	2.04%	2.04%	2.04%	2.04%	2.04%	2.04%
44007015400	PAWTUCKET	885	\$40,150	1.17%	1.16%	1.16%	1.19%	1.19%	1.22%	1.30%	1.40%	1.52%	1.56%	1.56%	1.56%	1.56%	1.56%	1.56%
44007015800	PAWTUCKET	1,881	\$49,407	0.89%	0.88%	0.87%	0.91%	0.91%	0.93%	0.99%	1.07%	1.16%	1.19%	1.19%	1.19%	1.19%	1.19%	1.19%
44007015800	PAWTUCKET	888	\$44,200	0.98%	0.97%	0.97%	1.01%	1.01%	1.04%	1.10%	1.18%	1.26%	1.32%	1.32%	1.32%	1.32%	1.32%	1.31%
44007016700	PAWTUCKET	1,508	\$58,748	0.84%	0.83%	0.83%	0.86%	0.86%	0.88%	0.94%	1.01%	1.10%	1.12%	1.12%	1.12%	1.11%	1.11%	1.11%
44007016800	PAWTUCKET	1,808	\$54,827	0.88%	0.85%	0.84%	0.88%	0.87%	0.90%	0.98%	1.03%	1.12%	1.14%	1.14%	1.14%	1.14%	1.14%	1.14%
44007016800	PAWTUCKET	1,180	\$58,125	0.77%	0.76%	0.76%	0.79%	0.79%	0.80%	0.86%	0.92%	1.00%	1.03%	1.03%	1.03%	1.03%	1.03%	1.03%
44007016900	PAWTUCKET	1,216	\$33,850	1.27%	1.25%	1.25%	1.30%	1.30%	1.33%	1.42%	1.53%	1.67%	1.70%	1.71%	1.70%	1.70%	1.70%	1.69%
44007016100	PAWTUCKET	1,509	\$31,288	1.50%	1.48%	1.48%	1.53%	1.53%	1.57%	1.67%	1.78%	1.93%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
44007016300	PAWTUCKET	1,086	\$66,190	0.71%	0.70%	0.70%	0.72%	0.72%	0.74%	0.79%	0.85%	0.92%	0.94%	0.94%	0.94%	0.94%	0.94%	0.93%
44007018400	PAWTUCKET	1,759	\$34,241	1.28%	1.26%	1.26%	1.31%	1.30%	1.34%	1.43%	1.54%	1.65%	1.71%	1.72%	1.71%	1.71%	1.71%	1.70%
44007018500	PAWTUCKET	1,912	\$36,131	0.84%	0.82%	0.82%	0.86%	0.85%	0.87%	0.93%	1.00%	1.08%	1.11%	1.11%	1.11%	1.11%	1.11%	1.10%
44007018700	PAWTUCKET	580	\$40,294	1.10%	1.08%	1.08%	1.12%	1.12%	1.16%	1.22%	1.31%	1.43%	1.47%	1.46%	1.46%	1.46%	1.46%	1.45%
44007018700	PAWTUCKET	1,141	\$34,577	1.27%	1.25%	1.25%	1.30%	1.29%	1.33%	1.42%	1.52%	1.66%	1.70%	1.70%	1.69%	1.69%	1.69%	1.68%
44007018800	PAWTUCKET	1,198	\$60,313	0.93%	0.92%	0.92%	0.95%	0.95%	0.97%	1.04%	1.11%	1.21%	1.24%	1.24%	1.24%	1.23%	1.23%	1.23%
44007017100	PAWTUCKET	1,484	\$39,201	1.14%	1.13%	1.12%	1.17%	1.16%	1.20%	1.28%	1.37%	1.49%	1.53%	1.53%	1.52%	1.52%	1.52%	1.51%
44007010200	EAST PROVIDENCE	431	\$48,638	0.90%	0.89%	0.89%	0.92%	0.92%	0.94%	1.01%	1.08%	1.18%	1.21%	1.21%	1.21%	1.21%	1.21%	1.20%
44007010300	EAST PROVIDENCE	778	\$36,288	1.17%	1.16%	1.16%	1.20%	1.20%	1.24%	1.32%	1.42%	1.55%	1.58%	1.58%	1.58%	1.58%	1.58%	1.58%
44007011401	CUMBERLAND	824	\$80,888	0.89%	0.87%	0.87%	0.89%	0.89%	0.91%	0.95%	0.99%	1.06%	1.08%	1.08%	1.08%	1.08%	1.08%	1.08%
44007011402	CUMBERLAND	457	\$101,800	0.48%	0.45%	0.45%	0.47%	0.47%	0.48%	0.51%	0.55%	0.60%	0.62%	0.62%	0.61%	0.61%	0.61%	0.61%
44007011902	NORTH PROVIDENCE	2,058	\$67,411	0.88%	0.87%	0.87%	0.91%	0.91%	0.94%	1.00%	1.08%	1.16%	1.21%	1.21%	1.21%	1.21%	1.21%	1.21%
44007012200	JOHNSTON	108	\$97,050	0.48%	0.48%	0.48%	0.49%	0.49%	0.50%	0.53%	0.57%	0.62%	0.63%	0.63%	0.63%	0.63%	0.62%	0.62%
44007012402	JOHNSTON	845	\$58,575	0.80%	0.79%	0.79%	0.82%	0.81%	0.83%	0.88%	0.95%	1.03%	1.05%	1.05%	1.04%	1.04%	1.04%	1.02%
44007012600	JOHNSTON	814	\$38,652	1.32%	1.30%	1.30%	1.34%	1.33%	1.37%	1.48%	1.55%	1.69%	1.73%	1.72%	1.71%	1.70%	1.70%	1.68%
44007012602	SMITHFIELD	32	\$67,468	0.70%	0.69%	0.67%	0.69%	0.69%	0.69%	0.73%	0.77%	0.84%	0.85%	0.84%	0.83%	0.82%	0.81%	0.80%
44007019900	PAWTUCKET	838	\$70,804	0.72%	0.71%	0.70%	0.73%	0.73%	0.75%	0.79%	0.85%	0.93%	0.95%	0.95%	0.94%	0.94%	0.94%	0.93%
44007017000	PAWTUCKET	1,387	\$37,181	0.82%	0.81%	0.81%	0.84%	0.83%	0.85%	0.88%	0.91%	0.98%	1.07%	1.09%	1.09%	1.09%	1.09%	1.09%
Total		110,420	\$46,708	1.14%	1.13%	1.13%	1.17%	1.17%	1.20%	1.24%	1.37%	1.50%	1.53%	1.53%	1.53%	1.53%	1.52%	1.52%

Projected Affordability, NBC Costs + Necessary Spending

Census Tract	City/Town	Households	Min	FY 2031	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039	FY 2040	FY 2041
4400700101	PROVIDENCE	1,434	\$33,480	1.82%	1.62%	1.66%	1.67%	1.68%	1.64%	1.65%	1.67%	1.69%	1.65%	1.62%
4400700102	PROVIDENCE	1,410	\$84,267	3.81%	1.75%	1.77%	1.77%	1.75%	1.74%	1.76%	1.77%	1.75%	1.79%	1.82%
4400700200	PROVIDENCE	1,709	\$22,876	2.84%	2.51%	2.78%	2.76%	2.74%	2.72%	2.70%	2.72%	2.73%	2.75%	2.84%
4400700300	PROVIDENCE	1,855	\$29,130	2.23%	2.21%	2.19%	2.18%	2.15%	2.15%	2.15%	2.17%	2.18%	2.18%	2.28%
4400700400	PROVIDENCE	1,091	\$24,697	2.64%	2.51%	2.56%	2.57%	2.55%	2.54%	2.56%	2.57%	2.54%	2.58%	2.65%
4400700500	PROVIDENCE	782	\$24,523	2.83%	2.51%	2.48%	2.47%	2.45%	2.44%	2.46%	2.47%	2.45%	2.49%	2.55%
4400700600	PROVIDENCE	804	\$26,556	2.43%	2.40%	2.36%	2.37%	2.35%	2.34%	2.35%	2.37%	2.35%	2.40%	2.44%
4400700700	PROVIDENCE	824	\$15,289	1.43%	1.33%	1.34%	1.33%	1.32%	1.31%	1.32%	1.33%	1.31%	1.34%	1.42%
4400700800	PROVIDENCE	105	\$18,382	3.28%	3.28%	3.31%	3.30%	3.27%	3.26%	3.28%	3.28%	3.27%	3.34%	3.48%
4400700900	PROVIDENCE	777	\$26,070	2.10%	2.08%	2.06%	2.05%	2.04%	2.03%	2.05%	2.07%	2.05%	2.09%	2.14%
4400701000	PROVIDENCE	771	\$26,778	2.21%	2.18%	2.17%	2.16%	2.14%	2.14%	2.15%	2.17%	2.15%	2.19%	2.24%
4400701100	PROVIDENCE	951	\$42,083	1.36%	1.35%	1.34%	1.33%	1.32%	1.32%	1.30%	1.34%	1.35%	1.35%	1.38%
4400701200	PROVIDENCE	489	\$21,118	2.94%	2.91%	2.88%	2.87%	2.84%	2.83%	2.85%	2.85%	2.84%	2.90%	2.95%
4400701300	PROVIDENCE	1,416	\$26,989	2.22%	2.20%	2.20%	2.20%	2.22%	2.22%	2.22%	2.24%	2.22%	2.22%	2.32%
4400701400	PROVIDENCE	1,706	\$42,232	1.58%	1.58%	1.55%	1.54%	1.52%	1.52%	1.51%	1.53%	1.52%	1.55%	1.58%
4400701800	PROVIDENCE	689	\$46,617	1.28%	1.27%	1.25%	1.25%	1.24%	1.23%	1.26%	1.24%	1.24%	1.26%	1.29%
4400701900	PROVIDENCE	2,384	\$36,676	1.76%	1.76%	1.75%	1.74%	1.72%	1.71%	1.74%	1.73%	1.72%	1.75%	1.78%
4400701700	PROVIDENCE	1,232	\$26,536	2.43%	2.41%	2.38%	2.37%	2.35%	2.34%	2.36%	2.37%	2.35%	2.40%	2.46%
4400701300	PROVIDENCE	1,749	\$27,361	2.34%	2.31%	2.29%	2.28%	2.26%	2.25%	2.27%	2.28%	2.25%	2.29%	2.35%
4400701900	PROVIDENCE	1,475	\$23,173	2.58%	2.55%	2.52%	2.51%	2.50%	2.48%	2.49%	2.51%	2.50%	2.54%	2.59%
4400702000	PROVIDENCE	1,332	\$34,485	1.80%	1.78%	1.76%	1.75%	1.74%	1.73%	1.72%	1.75%	1.74%	1.78%	1.83%
4400702101	PROVIDENCE	1,014	\$50,582	1.22%	1.21%	1.20%	1.19%	1.18%	1.18%	1.20%	1.19%	1.18%	1.20%	1.23%
4400702102	PROVIDENCE	1,676	\$47,848	1.30%	1.29%	1.28%	1.27%	1.26%	1.23%	1.26%	1.27%	1.25%	1.28%	1.31%
4400702200	PROVIDENCE	1,619	\$33,472	1.84%	1.84%	1.82%	1.81%	1.79%	1.78%	1.79%	1.81%	1.79%	1.82%	1.87%
4400702300	PROVIDENCE	2,010	\$49,578	1.21%	1.20%	1.19%	1.18%	1.17%	1.17%	1.20%	1.19%	1.18%	1.20%	1.22%
4400702400	PROVIDENCE	2,150	\$71,731	0.82%	0.81%	0.80%	0.80%	0.79%	0.79%	0.81%	0.80%	0.79%	0.81%	0.83%
4400702500	PROVIDENCE	896	\$68,304	1.00%	0.99%	0.98%	0.98%	0.97%	0.96%	0.99%	0.98%	0.97%	0.99%	1.01%
4400702600	PROVIDENCE	1,185	\$24,234	2.50%	2.48%	2.45%	2.44%	2.41%	2.40%	2.42%	2.43%	2.41%	2.45%	2.50%
4400702700	PROVIDENCE	1,316	\$28,958	2.71%	2.68%	2.65%	2.64%	2.61%	2.60%	2.62%	2.63%	2.61%	2.65%	2.69%
4400702800	PROVIDENCE	1,655	\$38,532	2.22%	2.20%	2.18%	2.17%	2.15%	2.15%	2.17%	2.18%	2.15%	2.19%	2.24%
4400702900	PROVIDENCE	2,638	\$41,778	1.43%	1.41%	1.40%	1.39%	1.38%	1.35%	1.41%	1.39%	1.38%	1.41%	1.44%
4400703100	PROVIDENCE	1,258	\$23,972	2.33%	2.32%	2.30%	2.29%	2.27%	2.26%	2.28%	2.29%	2.26%	2.31%	2.36%
4400703200	PROVIDENCE	1,436	\$76,466	0.70%	0.69%	0.69%	0.68%	0.68%	0.68%	0.69%	0.69%	0.68%	0.70%	0.71%
4400703300	PROVIDENCE	1,906	\$77,267	0.73%	0.72%	0.71%	0.71%	0.70%	0.70%	0.72%	0.71%	0.71%	0.72%	0.74%
4400703400	PROVIDENCE	1,805	\$133,438	0.56%	0.54%	0.54%	0.53%	0.53%	0.53%	0.54%	0.53%	0.53%	0.54%	0.55%
4400703500	PROVIDENCE	1,689	\$50,575	1.22%	1.21%	1.20%	1.19%	1.18%	1.18%	1.20%	1.19%	1.18%	1.20%	1.23%
4400703601	PROVIDENCE	627	\$36,188	1.58%	1.57%	1.55%	1.55%	1.53%	1.53%	1.55%	1.54%	1.53%	1.55%	1.58%
4400703602	PROVIDENCE	593	\$79,167	0.78%	0.78%	0.77%	0.76%	0.76%	0.76%	0.77%	0.76%	0.76%	0.77%	0.79%
4400703700	PROVIDENCE	1,354	\$44,427	1.20%	1.19%	1.18%	1.17%	1.16%	1.16%	1.18%	1.18%	1.17%	1.20%	1.22%
44007010101	EAST PROVIDENCE	1,420	\$71,544	0.82%	0.82%	0.81%	0.81%	0.80%	0.80%	0.82%	0.81%	0.80%	0.82%	0.84%
44007010102	EAST PROVIDENCE	1,136	\$56,820	1.10%	1.09%	1.08%	1.08%	1.07%	1.05%	1.09%	1.08%	1.07%	1.08%	1.11%
44007010800	CENTRAL FALLS	1,383	\$26,377	2.34%	2.32%	2.29%	2.28%	2.25%	2.24%	2.26%	2.27%	2.25%	2.29%	2.34%
44007010900	CENTRAL FALLS	1,480	\$29,707	2.00%	1.97%	1.94%	1.93%	1.90%	1.89%	1.92%	1.90%	1.88%	1.92%	1.95%
44007011000	CENTRAL FALLS	1,784	\$26,200	2.02%	2.02%	1.97%	1.95%	1.92%	1.92%	1.95%	1.93%	1.91%	1.94%	1.98%
44007011100	CENTRAL FALLS	1,172	\$32,841	2.81%	2.78%	2.75%	2.74%	2.72%	2.71%	2.73%	2.72%	2.70%	2.73%	2.76%
44007011200	CUMBERLAND	1,981	\$47,317	1.32%	1.30%	1.29%	1.29%	1.27%	1.27%	1.30%	1.29%	1.27%	1.30%	1.32%
44007011301	CUMBERLAND	1,286	\$67,500	0.92%	0.91%	0.90%	0.90%	0.89%	0.89%	0.91%	0.90%	0.89%	0.91%	0.93%
44007011302	CUMBERLAND	934	\$66,234	0.70%	0.69%	0.68%	0.68%	0.67%	0.67%	0.69%	0.68%	0.67%	0.69%	0.70%

Projected Affordability, NBC Costs + Necessary Spending

Census Tract	City/Town	Households	AMI	FY 2033	FY 2032	FY 2033	FY 2034	FY 2035	FY 2036	FY 2037	FY 2038	FY 2039	FY 2040	FY 2041
44007011403	CUMBERLAND	2,120	\$78,004	0.82%	0.81%	0.80%	0.80%	0.79%	0.79%	0.81%	0.80%	0.79%	0.81%	0.83%
44007011500	LINCOLN	2,145	\$82,115	1.14%	1.13%	1.13%	1.13%	1.12%	1.13%	1.13%	1.13%	1.13%	1.17%	1.20%
44007011600	LINCOLN	1,788	\$86,890	0.88%	0.87%	0.86%	0.86%	0.85%	0.85%	0.87%	0.87%	0.86%	0.88%	1.00%
44007011701	LINCOLN	1,708	\$47,841	1.42%	1.41%	1.41%	1.41%	1.41%	1.41%	1.43%	1.44%	1.44%	1.47%	1.50%
44007011702	LINCOLN	1,841	\$73,718	0.92%	0.92%	0.91%	0.92%	0.91%	0.92%	0.94%	0.94%	0.93%	0.96%	0.98%
44007011900	NORTH PROVIDENCE	2,590	\$45,166	1.46%	1.45%	1.44%	1.44%	1.43%	1.43%	1.47%	1.46%	1.45%	1.48%	1.51%
44007011901	NORTH PROVIDENCE	1,205	\$90,938	1.29%	1.28%	1.28%	1.28%	1.27%	1.27%	1.30%	1.29%	1.29%	1.31%	1.34%
44007012000	NORTH PROVIDENCE	2,201	\$84,390	1.02%	1.02%	1.01%	1.01%	1.00%	1.00%	1.03%	1.02%	1.02%	1.04%	1.06%
44007012102	NORTH PROVIDENCE	1,622	\$50,041	1.26%	1.26%	1.25%	1.25%	1.27%	1.27%	1.30%	1.29%	1.29%	1.31%	1.34%
44007012103	NORTH PROVIDENCE	562	\$46,808	1.42%	1.41%	1.40%	1.40%	1.38%	1.39%	1.42%	1.42%	1.41%	1.44%	1.47%
44007012104	NORTH PROVIDENCE	1,324	\$42,188	1.61%	1.60%	1.60%	1.60%	1.60%	1.60%	1.62%	1.61%	1.60%	1.63%	1.67%
44007012300	JOHNSTON	2,082	\$66,803	1.08%	1.07%	1.05%	1.04%	1.03%	1.03%	1.06%	1.05%	1.02%	1.04%	1.06%
44007012401	JOHNSTON	2,335	\$67,370	1.05%	1.03%	1.02%	1.01%	1.00%	0.99%	1.02%	1.00%	0.98%	1.01%	1.03%
44007015000	PAWTUCKET	1,698	\$46,121	1.30%	1.28%	1.27%	1.26%	1.25%	1.25%	1.28%	1.28%	1.28%	1.30%	1.32%
44007015100	PAWTUCKET	1,213	\$22,902	2.07%	2.05%	2.04%	2.04%	2.04%	2.04%	2.04%	2.04%	2.04%	2.04%	2.04%
44007015200	PAWTUCKET	397	\$12,876	4.88%	4.82%	4.77%	4.75%	4.70%	4.69%	4.73%	4.73%	4.73%	4.73%	4.88%
44007015300	PAWTUCKET	865	\$30,585	2.20%	2.00%	1.98%	1.97%	1.95%	1.94%	1.99%	1.97%	1.92%	1.99%	2.00%
44007015400	PAWTUCKET	685	\$40,180	1.64%	1.62%	1.61%	1.60%	1.60%	1.60%	1.61%	1.60%	1.60%	1.61%	1.61%
44007015600	PAWTUCKET	1,681	\$48,407	1.18%	1.17%	1.16%	1.15%	1.14%	1.14%	1.17%	1.16%	1.14%	1.17%	1.19%
44007015600	PAWTUCKET	986	\$44,200	1.31%	1.30%	1.29%	1.28%	1.27%	1.27%	1.30%	1.28%	1.27%	1.30%	1.33%
44007015700	PAWTUCKET	1,506	\$66,748	1.11%	1.10%	1.08%	1.08%	1.07%	1.07%	1.08%	1.08%	1.07%	1.09%	1.11%
44007015800	PAWTUCKET	1,508	\$54,827	1.13%	1.12%	1.11%	1.10%	1.09%	1.09%	1.11%	1.10%	1.08%	1.11%	1.13%
44007015900	PAWTUCKET	1,180	\$58,125	1.02%	1.01%	1.00%	0.99%	0.98%	0.98%	1.00%	0.99%	0.98%	1.01%	1.03%
44007016000	PAWTUCKET	1,216	\$33,850	1.69%	1.68%	1.68%	1.68%	1.64%	1.64%	1.67%	1.66%	1.64%	1.66%	1.71%
44007016100	PAWTUCKET	1,509	\$31,238	1.88%	1.88%	1.84%	1.83%	1.81%	1.80%	1.84%	1.83%	1.84%	1.86%	1.91%
44007016300	PAWTUCKET	1,088	\$86,188	0.83%	0.82%	0.81%	0.81%	0.80%	0.80%	0.82%	0.81%	0.80%	0.82%	0.84%
44007016400	PAWTUCKET	1,789	\$34,241	1.70%	1.68%	1.67%	1.66%	1.66%	1.64%	1.66%	1.66%	1.65%	1.66%	1.72%
44007016500	PAWTUCKET	1,612	\$68,131	1.10%	1.09%	1.08%	1.07%	1.06%	1.06%	1.08%	1.08%	1.08%	1.08%	1.10%
44007016600	PAWTUCKET	280	\$30,234	1.48%	1.44%	1.43%	1.42%	1.41%	1.40%	1.44%	1.42%	1.41%	1.44%	1.47%
44007016700	PAWTUCKET	1,141	\$34,577	1.88%	1.87%	1.88%	1.88%	1.83%	1.83%	1.86%	1.85%	1.83%	1.87%	1.90%
44007016800	PAWTUCKET	1,186	\$50,313	1.23%	1.22%	1.20%	1.20%	1.18%	1.18%	1.21%	1.20%	1.18%	1.21%	1.23%
44007017100	PAWTUCKET	1,484	\$38,201	1.62%	1.60%	1.59%	1.58%	1.56%	1.55%	1.58%	1.58%	1.58%	1.60%	1.63%
44007010200	EAST PROVIDENCE	431	\$48,899	1.21%	1.20%	1.18%	1.18%	1.17%	1.17%	1.19%	1.18%	1.17%	1.20%	1.22%
44007010300	EAST PROVIDENCE	776	\$36,288	1.58%	1.57%	1.58%	1.55%	1.54%	1.54%	1.57%	1.56%	1.55%	1.58%	1.61%
44007010400	CUMBERLAND	924	\$80,898	0.77%	0.76%	0.75%	0.75%	0.74%	0.74%	0.76%	0.76%	0.75%	0.76%	0.78%
44007011402	CUMBERLAND	487	\$101,900	0.81%	0.81%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.80%	0.82%
44007012200	NORTH PROVIDENCE	2,086	\$57,411	1.22%	1.21%	1.20%	1.20%	1.19%	1.18%	1.22%	1.21%	1.20%	1.23%	1.25%
44007012402	JOHNSTON	108	\$97,080	0.62%	0.61%	0.60%	0.60%	0.59%	0.59%	0.60%	0.60%	0.60%	0.60%	0.61%
44007012500	JOHNSTON	845	\$68,576	1.03%	1.01%	1.00%	0.99%	0.98%	0.97%	0.99%	0.98%	0.97%	0.99%	1.01%
44007012600	JOHNSTON	914	\$33,862	1.68%	1.66%	1.64%	1.63%	1.61%	1.60%	1.63%	1.61%	1.60%	1.63%	1.65%
44007012802	SMITHFIELD	32	\$67,465	0.78%	0.77%	0.76%	0.74%	0.73%	0.72%	0.73%	0.71%	0.70%	0.71%	0.72%
44007018600	PAWTUCKET	838	\$70,804	0.93%	0.92%	0.91%	0.91%	0.90%	0.89%	0.91%	0.90%	0.90%	0.91%	0.93%
44007017000	PAWTUCKET	1,367	\$17,181	1.08%	1.07%	1.06%	1.05%	1.04%	1.04%	1.06%	1.05%	1.04%	1.06%	1.08%
Total		119,420	\$45,108	1.22%	1.20%	1.19%	1.18%	1.17%	1.17%	1.20%	1.19%	1.17%	1.20%	1.23%