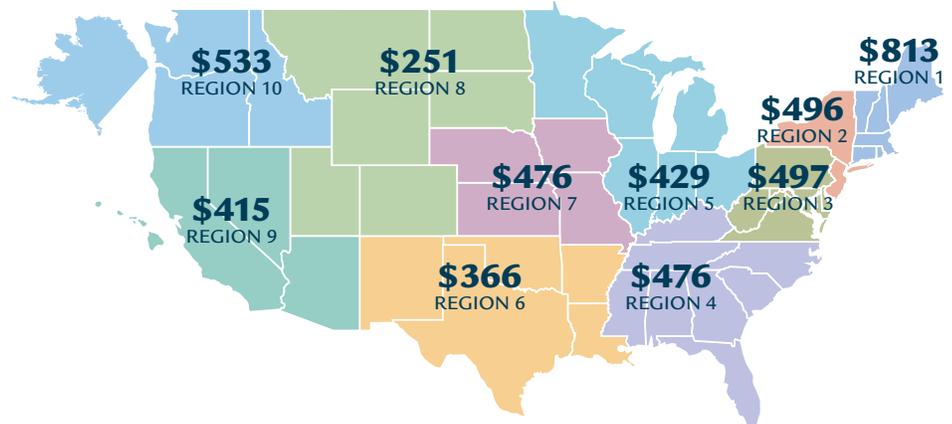


Average Charge for Wastewater Services Increases 3.1% in 2015

NACWA's 2015 *Cost of Clean Water Index* indicates that the average cost of wastewater services rose 3.1 percent in 2015, significantly more than the rate of inflation as measured by the Consumer Price Index (CPI) (see *Cost of Clean Water Index vs. Inflation* chart). The national average amount that a single-family residence pays for wastewater collection and treatment (i.e., sewer service charge) is now \$452 per year. This is the 14th consecutive year that sewer service charges have increased faster than inflation, doubling the average sewer service charge since 2000.

The national average of \$452 provides only part of the picture. Sewer service charges vary widely among EPA regions and States, and are affected by demographics, geography, aging infrastructure, local water quality issues (e.g. TMDLs, nutrients), wet weather infrastructure needs, and drought-related water conservation. As an example of these variations, the *Regional Average Annual Charge* map (above) shows a breakdown of average charges by EPA region. The average service charge by Region varies from a low of \$251 in EPA Region 8 to a high of \$813 in EPA Region 1.

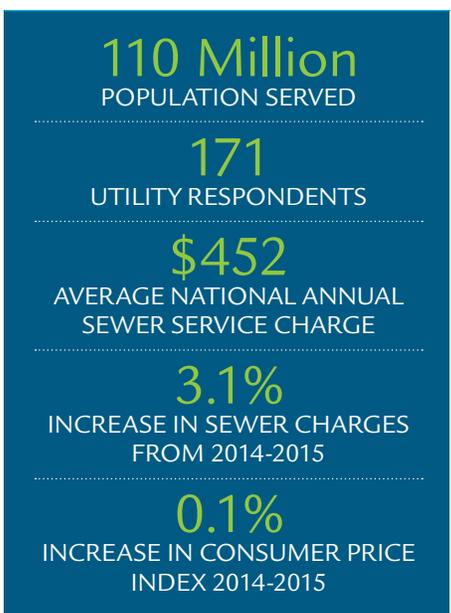
REGIONAL AVERAGE ANNUAL CHARGES – 2015



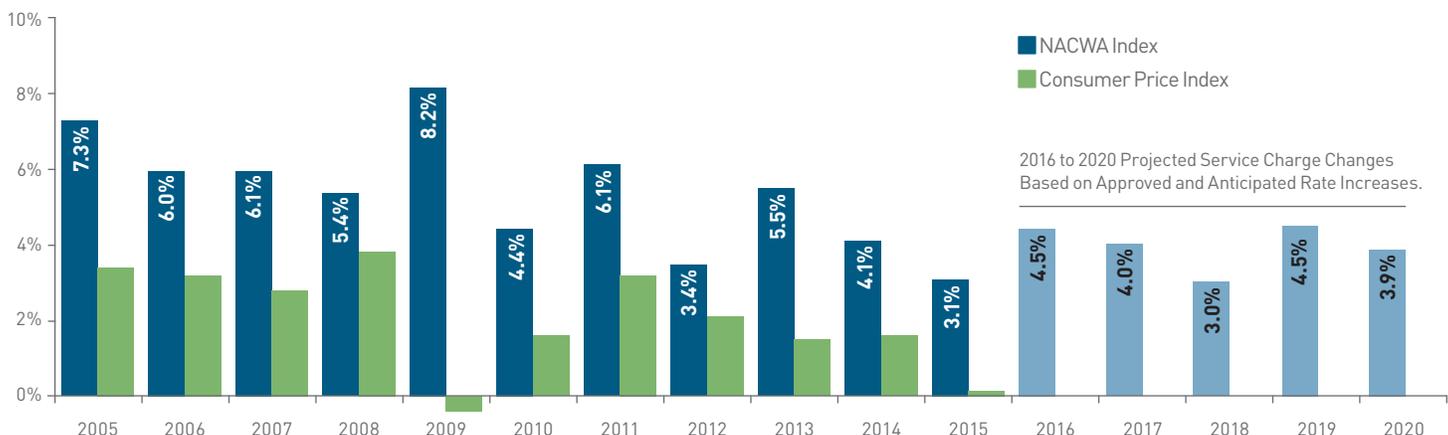
The *Cost of Clean Water Index vs. Inflation* chart (below) presents a national snapshot of the increase in service charges, as compared to inflation, since 2005. Table A-1 (see *Cost of Clean Water Data Annex*) provides a breakdown of NACWA *Index* values and service charges back to 1985, the base year for the *Index*. The values for 2015 are based on the responses from 171 NACWA members serving nearly 110 million people.

In 2015, a majority of clean water utility respondents implemented rate structures that resulted in increases in the average annual household service charge. However, in some communities, while volume-based rates increased, average service charges dropped due to reductions in water use from drought-related conservation measures. Additional national and regional data are included in Tables A-1, A2 and A-3 (see *Cost of Clean Water Data Annex*).

2015 NACWA COST OF CLEAN WATER INDEX SUMMARY



ANNUAL CHANGE IN COST OF CLEAN WATER INDEX VS. INFLATION



Projected Charges Expected to Increase 3.0 to 4.5% per Year

Customers pay for sewer services in a variety of ways. Charges may be based on property values, gallons of water used, on a flat rate, or include some combination of these values. Because of this variability, the *NACWA Index* uses what the average single-family residence pays annually as a more consistent measure to track the cost of services over time.

This year, NACWA's *Index* indicates that clean water utilities are expecting average charges to continue to increase from 3.0 to 4.5 percent per year for the next five years. Consent decree compliance was the top reason cited by respondents for projected rate increases greater than 25 percent (over 5 years). Other drivers for large rate increases include infrastructure rehabilitation and replacement, new plant construction, debt service costs, and CSO long-term control plan compliance.

The *Projected Increases in Charges, 2016-2020* chart (right) shows the projected percentage increase in charges distributed among agency respondents. Of those utilities responding, nearly one-half of agencies project cumulative five-year rate increases above 25 percent.

Average Annual Service Charge Has Doubled in Last 15 Years

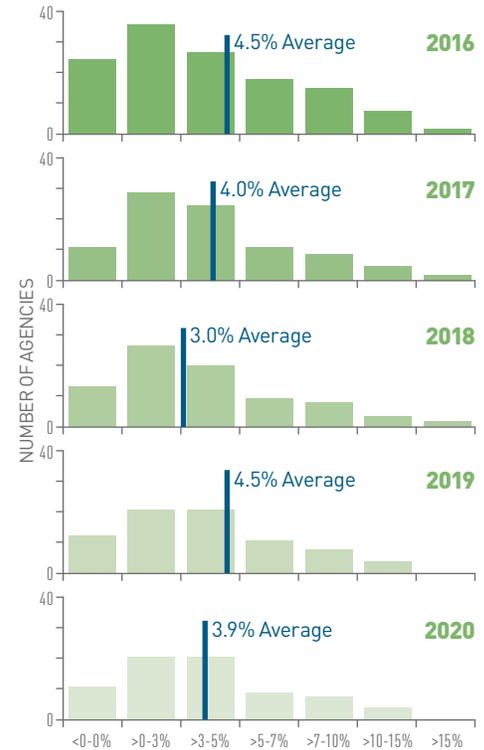
The *Average Annual Service Charge* chart (below) presents a national snapshot of sewer service charges since 2000, and provides a projection of average charges through 2020. From 2000 to 2015, the average annual service charge doubled from \$222 to \$452. Meanwhile, the Consumer Price Index (CPI) has increased only 38 percent in this same time period.

The average annual sewer charge of \$452 represents 1.8 percent of the 2015 Federal poverty income threshold (\$24,036) for a family of four. This proportion has risen from 1.3 percent in 2000. Projected increases in rates show the average charge rising to \$557 by 2020.

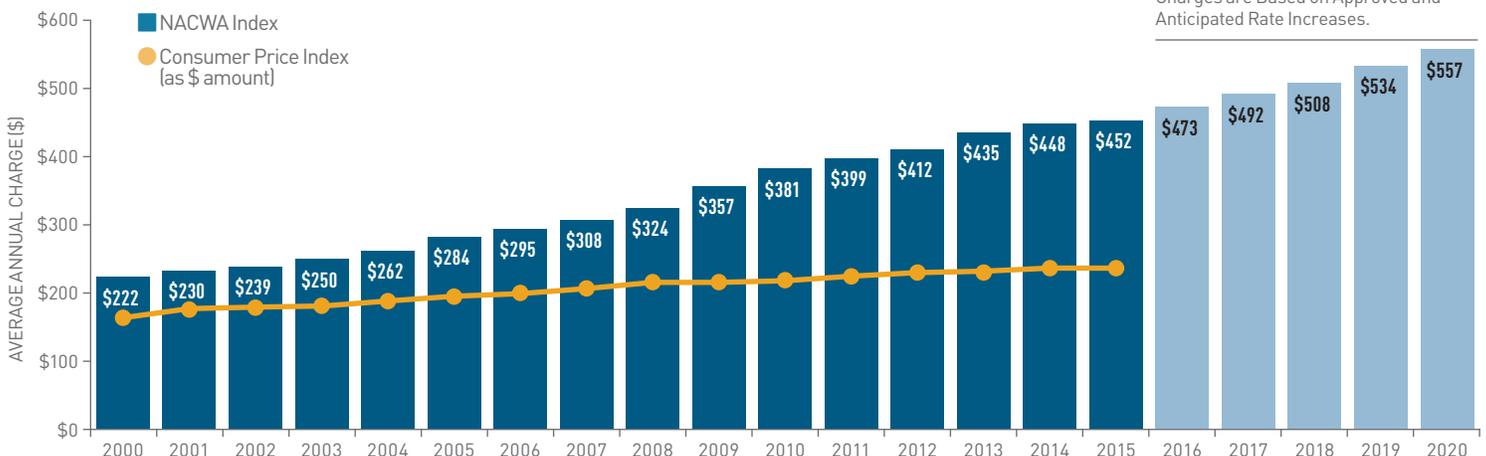
Disclaimers: The *NACWA Index* strives to use the best available data each year when determining current and historical household charges and trends. These data are intended for comparison purposes only, and are subject to change from one year to the next. While this document presents the most up-to-date data available, if better data become available in the future, the data presented here may be modified.

Additional data and information on the *NACWA Index* are available on NACWA's website at www.nacwa.org/utilitymanagement

PROJECTED INCREASES IN CHARGES, 2016-2020



AVERAGE ANNUAL SERVICE CHARGE, 2000 – 2015 & PROJECTED



2016 to 2020 Projected Average Service Charges are Based on Approved and Anticipated Rate Increases.

TABLE A-1: NACWA SERVICE CHARGE INDEX, 1985 TO 2015

Year	NACWA Index	Change from Previous Year	Average Service Charge (\$)	Change from Previous Year (\$)	Change to Consumer Price Index	Total Responses	Population represented (in millions)	Total Responses in Both Previous and Current Year
1985	100.0		\$102.75			155	88.6	
1986	106.8	6.8%	\$109.69	\$6.95	1.9%	158	88.8	155
1987	112.4	5.3%	\$115.51	\$5.82	3.6%	157	88.8	157
1988	119.9	6.9%	\$123.17	\$7.99	4.1%	163	91.3	157
1989	130.1	8.4%	\$133.65	\$10.35	4.8%	166	92.0	163
1990	141.0	8.4%	\$144.84	\$11.25	5.4%	169	92.3	166
1991	153.7	8.9%	\$157.88	\$12.84	4.2%	171	92.5	169
1992	166.7	8.5%	\$171.33	\$13.84	3.0%	175	94.7	171
1993	183.1	8.3%	\$188.12	\$13.78	3.0%	184	100.5	170
1994	193.4	5.1%	\$198.68	\$10.32	2.6%	194	102.4	182
1995	197.8	2.2%	\$203.22	\$4.23	2.8%	199	99.6	189
1996	201.7	3.6%	\$207.28	\$6.44	3.0%	205	105.8	195
1997	203.9	1.3%	\$209.49	\$2.88	2.3%	208	107.9	202
1998	207.8	2.4%	\$213.52	\$4.89	1.6%	214	106.6	204
1999	209.8	0.7%	\$215.61	\$1.90	2.2%	224	109.4	210
2000	216.4	3.0%	\$222.31	\$6.41	3.4%	234	113.7	218
2001	223.5	2.2%	\$229.63	\$4.47	2.8%	238	113.5	227
2002	232.6	3.6%	\$238.99	\$8.45	1.6%	220	107.8	215
2003	243.0	3.1%	\$249.71	\$7.69	2.3%	232	108.4	198
2004	254.8	6.5%	\$261.79	\$16.10	2.7%	222	109.0	200
2005	276.3	7.3%	\$283.91	\$18.79	3.4%	213	108.7	188
2006	287.1	6.0%	\$295.03	\$17.23	3.2%	203	107.0	177
2007	299.4	6.0%	\$307.60	\$16.47	2.8%	196	104.6	173
2008	315.4	5.4%	\$324.11	\$18.00	3.8%	191	107.6	165
2009	347.3	8.2%	\$356.90	\$26.41	-0.4%	171	103.4	161
2010	371.2	4.4%	\$381.45	\$16.82	1.6%	181	100.7	143
2011	387.9	6.1%	\$398.54	\$23.78	3.2%	177	104.0	158
2012	401.6	3.4%	\$412.17	\$13.97	2.1%	179	108.1	148
2013	424.3	5.5%	\$435.26	\$22.53	1.5%	183	107.8	155
2014	436.4	4.1%	\$448.39	\$17.41	1.6%	184	112.7	164
2015	439.9	3.1%	\$451.97	\$13.52	0.1%	171	109.6	157

TABLE A-2: PROJECTED ANNUAL SERVICE CHARGE INCREASES, 2016-2020

	2016	2017	2018	2019	2020
Average Annual Increase (%)	4.5%	4.0%	3.0%	4.5%	3.9%
Average Service Charge [Projected \$]	\$472.60	\$492.10	\$508.11	\$533.66	\$556.75
Change from Previous Year (\$)	\$20.65	\$19.50	\$16.01	\$25.55	\$23.09
# of Total Responses	143	131	130	126	125
# of Responses with Numeric Estimates	131	91	85	75	70
Approved	45%	17%	12%	9%	6%
Planned	31%	44%	45%	43%	42%
No Change	13%	10%	9%	8%	7%
Uncertain	11%	29%	34%	40%	44%

TABLE A-3: REGIONAL ANNUAL AVERAGE SEWER SERVICE CHARGES, 2015 SUMMARY

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National
# of agencies	5	11	23	25	29	16	11	8	26	17	171
Population (millions)	2.8	14.3	12.6	9.2	19.2	12.7	4.6	2.6	25.7	5.4	109.6
2015 CHARGE											
Average	\$812.79	\$496.06	\$496.90	\$475.95	\$429.26	\$366.07	\$476.01	\$250.67	\$415.39	\$533.32	\$451.95
Median	\$410.16	\$338.50	\$428.10	\$446.82	\$394.80	\$389.28	\$410.17	\$260.74	\$398.50	\$483.60	\$410.17
Minimum	\$315.00	\$176.65	\$260.35	\$244.80	\$179.46	\$213.12	\$250.56	\$158.40	\$221.09	\$322.74	\$158.40
Maximum	\$916.53	\$638.50	\$631.00	\$736.08	\$845.66	\$862.20	\$613.20	\$462.48	\$1,192.74	\$681.60	\$1,192.74
% CHANGE											
1-year (2014-15)	4.2%	2.2%	7.0%	0.6%	7.9%	3.2%	8.5%	8.4%	-1.5%	2.3%	3.1%
3-year (2012-15)	12.7%	14.3%	15.4%	8.4%	20.9%	11.0%	33.1%	14.6%	7.7%	12.5%	13.4%
5-year (2010-15)	24.1%	25.1%	29.7%	13.9%	27.3%	23.8%	57.2%	31.0%	10.2%	29.6%	22.7%

TABLE R-1 SERVICE CHARGE INDEX BY EPA REGION (1985-2015)

Year	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National
1985	69.8	85.4	121.1	139.0	137.5	106.0	63.4	101.8	63.1	115.4	100.0
1986	80.0	89.6	137.2	144.0	141.3	121.4	68.2	101.9	68.0	124.8	106.8
1987	98.0	100.3	139.1	152.7	136.5	142.4	70.7	102.1	73.4	129.4	112.4
1988	106.2	110.1	142.8	148.1	139.5	155.2	72.2	108.8	85.2	139.0	119.9
1989	143.0	127.2	151.5	155.6	140.3	163.6	74.2	105.6	100.4	150.5	130.1
1990	166.7	147.0	154.3	163.4	145.3	176.0	73.6	115.3	114.8	158.6	141.0
1991	194.4	166.8	185.5	171.1	149.9	168.7	82.3	120.4	131.8	173.7	153.7
1992	218.5	195.3	187.1	178.4	158.0	171.0	92.8	125.8	147.6	193.0	166.7
1993	304.2	196.7	208.7	189.6	166.6	187.4	132.1	137.9	162.4	200.7	183.1
1994	306.0	222.5	213.5	203.8	173.3	191.7	141.6	136.2	173.2	224.9	193.4
1995	303.3	215.2	213.3	215.5	178.9	206.9	142.3	145.9	175.9	245.6	197.8
1996	320.6	206.4	222.6	224.2	180.4	212.1	144.9	143.9	183.2	258.7	201.7
1997	310.2	208.1	222.9	235.3	176.8	211.0	153.5	143.6	187.2	265.2	203.9
1998	314.7	214.6	228.7	234.1	177.8	208.6	160.5	145.3	196.6	272.7	207.8
1999	316.1	222.4	230.1	241.1	182.9	207.0	163.1	150.6	191.5	277.5	209.8
2000	312.6	222.1	237.2	251.5	186.7	212.3	163.9	151.2	202.0	297.5	216.4
2001	310.2	249.0	243.5	257.2	190.0	212.8	170.3	155.4	206.7	305.9	223.5
2002	316.9	268.7	242.9	261.6	201.8	219.6	175.3	154.2	215.1	338.9	232.6
2003	337.6	279.0	237.6	303.0	214.2	222.5	166.9	148.4	214.1	365.1	242.8
2004	364.5	280.9	275.4	292.0	212.7	257.9	179.7	171.2	230.3	376.7	254.8
2005	423.1	313.1	299.2	323.4	227.8	259.0	199.7	167.4	242.3	413.1	276.3
2006	438.3	328.7	319.8	308.8	250.5	278.8	231.0	169.5	260.6	352.9	287.1
2007	507.6	341.8	343.0	337.0	254.4	251.8	229.3	175.1	271.9	371.6	299.4
2008	558.8	365.1	357.3	317.6	270.5	265.3	240.7	175.5	304.5	396.5	315.5
2009	593.5	380.6	389.8	342.3	329.5	283.4	271.9	185.1	338.7	403.7	347.3
2010	587.2	386.5	398.8	386.7	353.4	281.6	268.3	194.0	411.8	401.1	371.2
2011	676.2	425.7	422.4	425.0	369.0	307.4	312.8	212.9	377.1	435.0	387.7
2012	680.2	424.3	450.2	469.4	376.7	325.4	347.7	213.4	377.1	459.3	401.6
2013	681.1	447.9	480.5	477.6	396.6	357.1	384.5	219.0	389.9	488.8	424.3
2014	703.0	468.7	474.1	457.7	426.6	361.7	427.6	226.1	408.1	497.7	436.3
2015	791.0	482.8	483.6	463.2	417.8	356.3	463.3	244.0	404.3	519.1	439.9
# of Responses (2015)	5	11	23	25	29	16	11	8	26	17	171
Population (millions)	2.8	14.3	12.6	9.2	19.2	12.7	4.6	2.6	25.7	5.4	109.6

Note 1: The value of the Service Charge Index is based on all responses received. The base year, 1985 has been indexed to a value of 100 at the national level.

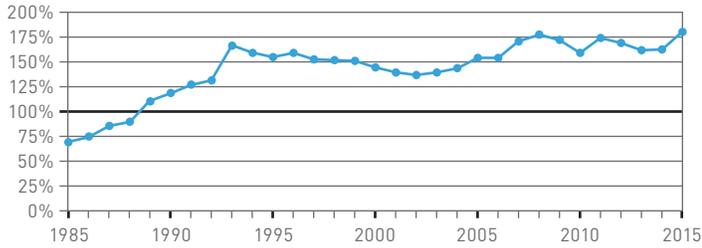
TABLE R-2 SERVICE CHARGE INDEX CHANGE VS. INFLATION RATE BY EPA REGION (1986-2015)

Year	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National	CPI
1986	14.6%	4.9%	13.3%	4.1%	2.7%	14.6%	7.7%	0.1%	7.7%	8.2%	6.8%	1.9%
1987	22.4%	11.9%	1.4%	6.0%	-3.4%	17.3%	3.6%	0.2%	7.9%	3.7%	5.3%	3.6%
1988	8.9%	9.8%	2.8%	3.3%	2.2%	8.8%	2.1%	6.5%	15.7%	7.4%	6.9%	4.1%
1989	34.7%	15.6%	6.1%	5.1%	0.6%	5.4%	2.7%	-3.0%	17.1%	8.2%	8.4%	4.8%
1990	20.0%	15.6%	1.9%	5.0%	3.5%	7.6%	-0.8%	9.3%	14.1%	5.4%	8.4%	5.4%
1991	16.6%	13.4%	20.3%	3.7%	3.2%	-4.2%	11.8%	4.4%	14.8%	9.5%	8.9%	4.2%
1992	12.4%	16.9%	2.0%	4.3%	5.4%	1.0%	12.8%	4.4%	11.9%	11.1%	8.5%	3.0%
1993	34.9%	1.4%	1.4%	6.9%	6.1%	9.9%	42.3%	6.9%	10.1%	3.3%	8.3%	3.0%
1994	4.0%	5.0%	2.2%	8.8%	4.0%	2.3%	10.3%	2.8%	6.6%	12.4%	5.1%	2.6%
1995	0.6%	0.9%	-1.3%	4.6%	1.1%	7.9%	-2.8%	6.1%	1.4%	9.2%	2.2%	2.8%
1996	1.8%	4.4%	4.4%	4.0%	2.1%	2.0%	1.8%	0.1%	4.2%	5.3%	3.6%	3.0%
1997	0.4%	1.2%	0.1%	6.0%	-1.8%	-0.6%	6.0%	-0.3%	2.2%	2.5%	1.3%	2.3%
1998	1.6%	3.0%	1.7%	1.6%	0.8%	-1.1%	4.6%	0.5%	5.0%	2.9%	2.4%	1.6%
1999	0.4%	1.5%	0.7%	2.8%	2.4%	-0.6%	2.5%	3.6%	-2.3%	1.9%	0.7%	2.2%
2000	0.1%	1.8%	-0.1%	3.4%	2.3%	2.6%	-2.9%	0.4%	6.0%	7.2%	3.0%	3.4%
2001	1.5%	2.3%	2.6%	3.2%	1.4%	0.5%	3.9%	2.1%	2.1%	2.8%	2.2%	2.8%
2002	1.9%	5.1%	-0.2%	1.9%	6.3%	1.6%	3.2%	-0.8%	3.9%	10.2%	3.6%	1.6%
2003	7.3%	5.3%	-0.7%	5.6%	6.2%	1.1%	1.7%	-3.7%	0.1%	4.7%	3.1%	2.3%
2004	11.8%	2.7%	16.6%	7.0%	-0.5%	14.5%	11.4%	2.9%	5.8%	5.8%	6.5%	2.7%
2005	17.4%	4.6%	6.3%	9.0%	10.6%	4.4%	11.3%	0.2%	4.6%	9.0%	7.3%	3.4%
2006	6.3%	8.0%	6.6%	3.3%	8.9%	7.2%	3.7%	1.3%	4.3%	4.6%	6.0%	3.2%
2007	10.9%	4.3%	6.7%	5.5%	3.0%	-7.5%	0.9%	3.6%	10.0%	5.6%	6.0%	2.8%
2008	5.5%	11.1%	1.7%	1.8%	3.5%	3.6%	11.3%	1.7%	6.4%	2.8%	5.4%	3.8%
2009	6.0%	6.1%	8.5%	5.5%	12.7%	7.2%	5.9%	4.0%	9.9%	3.9%	8.2%	-0.4%
2010	4.4%	2.2%	3.8%	10.7%	6.9%	0.7%	9.0%	-3.4%	4.5%	-2.4%	4.4%	1.6%
2011	5.2%	8.0%	6.3%	4.6%	5.3%	6.8%	9.8%	12.5%	4.0%	9.6%	6.0%	3.2%
2012	4.7%	1.8%	3.3%	2.6%	1.2%	4.3%	8.4%	0.1%	5.3%	4.8%	3.4%	2.1%
2013	4.8%	6.6%	8.7%	2.1%	5.0%	8.6%	10.0%	2.1%	3.8%	5.6%	5.5%	1.5%
2014	2.7%	5.0%	1.6%	5.7%	7.4%	-0.4%	7.1%	3.7%	3.8%	3.3%	4.1%	1.6%
2015	4.2%	2.2%	7.0%	0.6%	7.9%	3.2%	8.5%	8.4%	-1.5%	2.3%	3.1%	0.1%

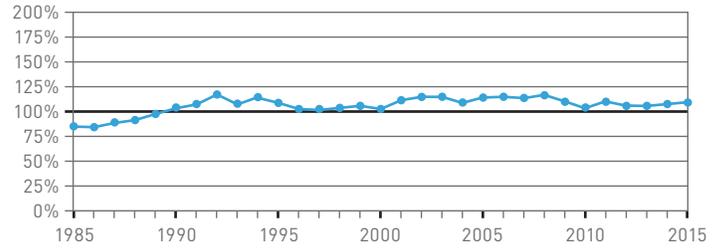
Note 2: The annual percent change in the Index (national and regional) is based on the responses of those agencies that responded in both the previous year and current year using the same calculation method.

REGIONAL SERVICE CHARGE INDEX AS A PERCENT OF THE NATIONAL AVERAGE (1986-2015)

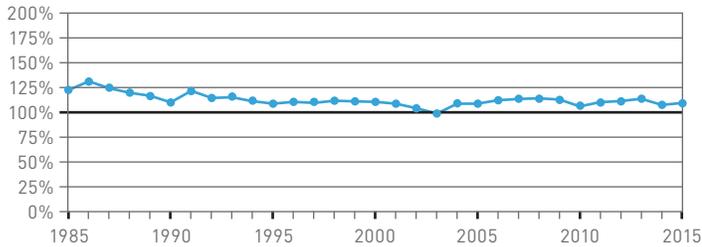
EPA Region 1



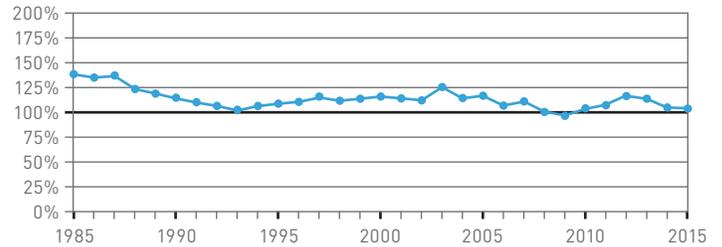
EPA Region 2



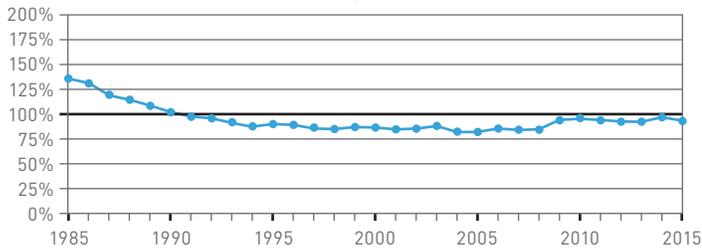
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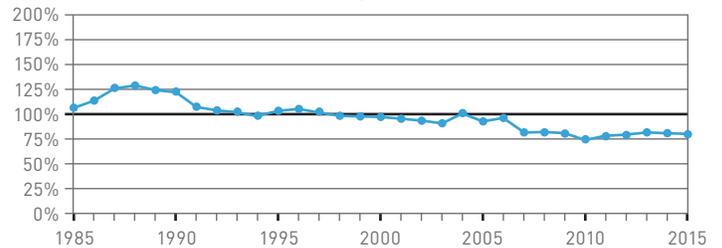
EPA Region 4



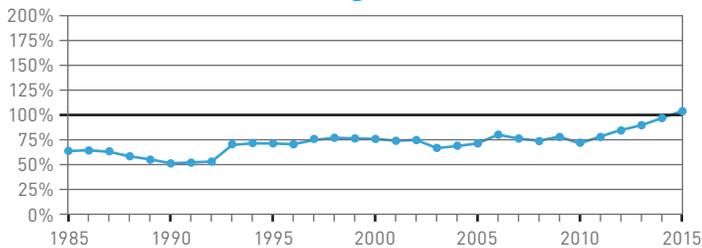
EPA Region 5



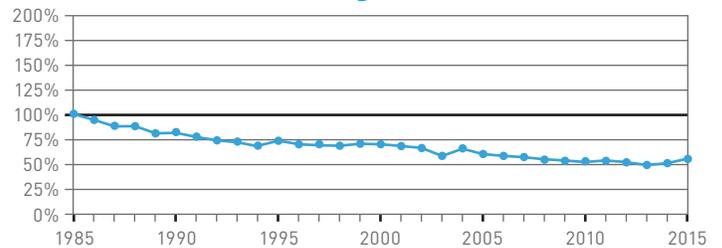
EPA Region 6



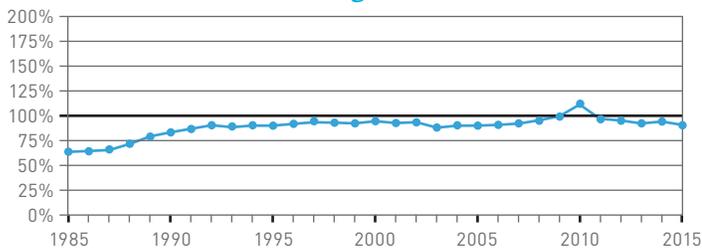
EPA Region 7



EPA Region 8



EPA Region 9



EPA Region 10

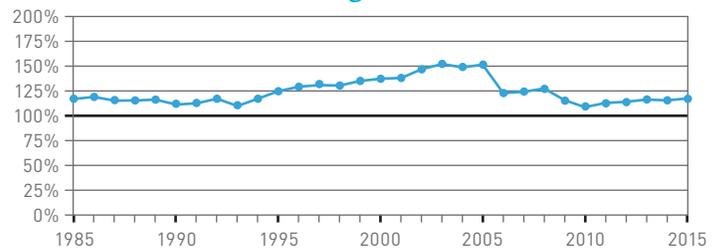
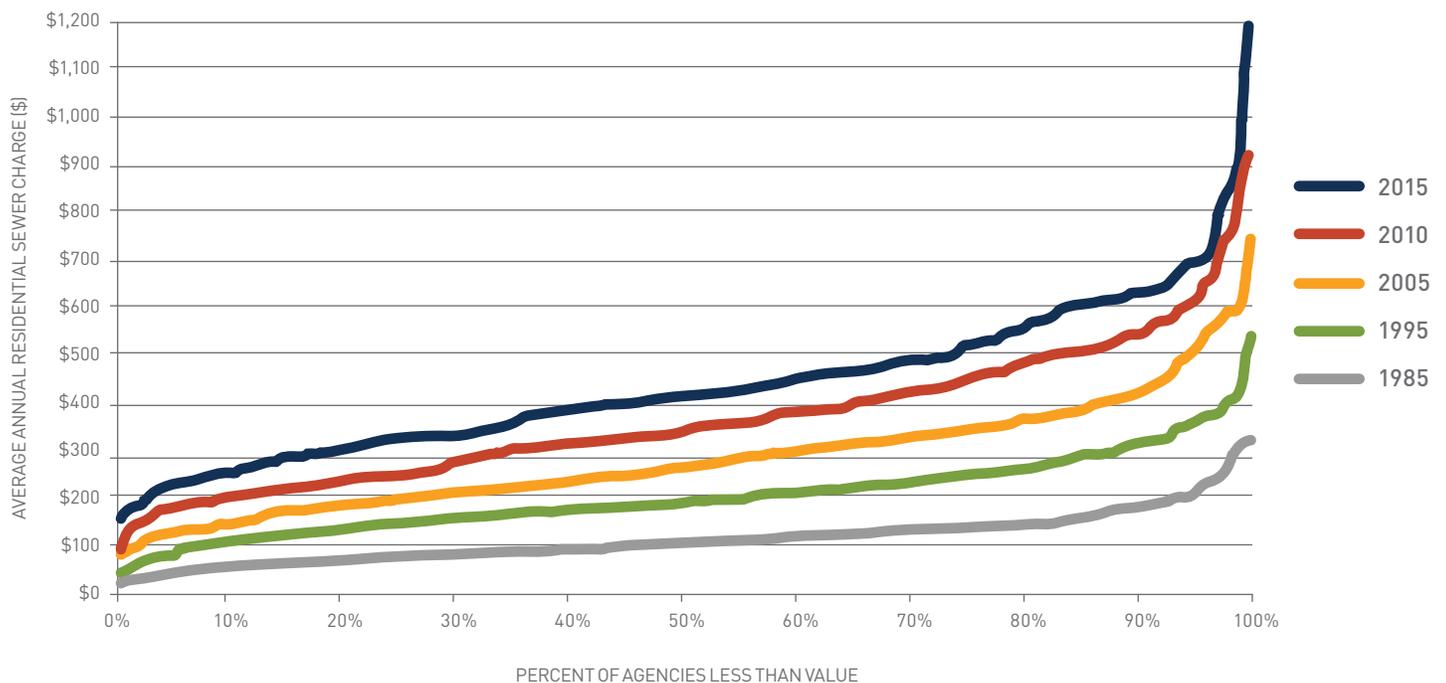


TABLE R-3 AVERAGE ANNUAL SERVICE CHARGE BY EPA REGION (1985-2015)

Year	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	National
1985	\$71.74	\$87.74	\$124.46	\$142.85	\$141.32	\$108.90	\$65.12	\$104.57	\$64.87	\$118.54	\$102.75
1986	\$82.23	\$92.07	\$140.97	\$147.95	\$145.19	\$124.77	\$70.12	\$104.70	\$69.87	\$128.23	\$109.69
1987	\$100.65	\$103.02	\$142.94	\$156.86	\$140.29	\$146.30	\$72.68	\$104.95	\$75.39	\$132.98	\$115.51
1988	\$109.09	\$113.10	\$146.69	\$152.13	\$143.33	\$159.47	\$74.20	\$111.79	\$87.50	\$142.84	\$123.17
1989	\$146.94	\$130.73	\$155.64	\$159.89	\$144.18	\$168.07	\$76.20	\$108.46	\$103.14	\$154.60	\$133.65
1990	\$171.31	\$151.08	\$158.54	\$167.91	\$149.25	\$180.86	\$75.60	\$118.51	\$117.91	\$162.91	\$144.84
1991	\$199.77	\$171.40	\$190.65	\$175.78	\$154.06	\$173.30	\$84.55	\$123.73	\$135.38	\$178.43	\$157.88
1992	\$224.52	\$200.66	\$192.20	\$183.28	\$162.39	\$175.65	\$95.38	\$129.22	\$151.63	\$198.31	\$171.33
1993	\$312.62	\$202.08	\$214.43	\$194.79	\$171.21	\$192.52	\$135.78	\$141.67	\$166.91	\$206.26	\$188.12
1994	\$314.46	\$228.65	\$219.33	\$209.38	\$178.02	\$196.97	\$145.44	\$139.99	\$177.98	\$231.06	\$198.68
1995	\$311.61	\$221.16	\$219.13	\$221.46	\$183.78	\$212.54	\$146.26	\$149.95	\$180.75	\$252.36	\$203.22
1996	\$329.39	\$212.09	\$228.72	\$230.37	\$185.35	\$217.93	\$148.84	\$147.90	\$188.26	\$265.79	\$207.28
1997	\$318.71	\$213.84	\$229.04	\$241.79	\$181.65	\$216.85	\$157.71	\$147.52	\$192.36	\$272.46	\$209.49
1998	\$323.37	\$220.48	\$234.95	\$240.56	\$182.65	\$214.37	\$164.92	\$149.30	\$202.00	\$280.25	\$213.52
1999	\$324.77	\$228.57	\$236.39	\$247.73	\$187.89	\$212.70	\$167.56	\$154.73	\$196.78	\$285.14	\$215.61
2000	\$321.19	\$228.20	\$243.75	\$258.41	\$191.88	\$218.11	\$168.41	\$155.33	\$207.56	\$305.72	\$222.31
2001	\$318.72	\$255.85	\$250.23	\$264.27	\$195.22	\$218.68	\$174.99	\$159.72	\$212.39	\$314.30	\$229.63
2002	\$325.60	\$276.08	\$249.55	\$268.74	\$207.32	\$225.66	\$180.12	\$158.41	\$220.99	\$348.21	\$238.95
2003	\$346.87	\$286.70	\$244.16	\$311.31	\$220.11	\$228.64	\$171.49	\$152.46	\$220.01	\$375.13	\$249.44
2004	\$374.54	\$288.61	\$282.95	\$300.02	\$218.75	\$264.95	\$184.68	\$175.91	\$235.86	\$387.05	\$261.48
2005	\$434.72	\$321.74	\$307.43	\$332.32	\$234.03	\$266.10	\$205.16	\$172.02	\$248.99	\$424.45	\$283.91
2006	\$450.31	\$337.77	\$328.61	\$317.28	\$257.38	\$286.47	\$237.39	\$174.16	\$267.69	\$362.64	\$294.98
2007	\$521.61	\$351.17	\$352.44	\$346.23	\$261.41	\$258.73	\$235.62	\$179.91	\$279.37	\$381.80	\$307.60
2008	\$574.21	\$375.19	\$367.16	\$326.15	\$277.94	\$272.61	\$247.33	\$180.30	\$312.89	\$407.39	\$324.11
2009	\$609.85	\$391.05	\$400.52	\$351.74	\$338.53	\$291.17	\$279.35	\$190.15	\$347.99	\$414.82	\$356.90
2010	\$603.38	\$397.14	\$409.75	\$397.34	\$363.08	\$289.33	\$275.64	\$199.36	\$423.15	\$414.22	\$381.45
2011	\$694.75	\$437.43	\$433.97	\$436.66	\$379.11	\$315.88	\$321.44	\$218.77	\$387.45	\$447.01	\$398.54
2012	\$698.93	\$435.98	\$462.55	\$482.27	\$386.52	\$334.36	\$357.31	\$219.23	\$387.48	\$471.93	\$412.17
2013	\$699.85	\$460.26	\$493.67	\$490.74	\$407.50	\$366.93	\$395.11	\$225.02	\$400.58	\$502.29	\$435.26
2014	\$722.31	\$481.57	\$487.14	\$470.27	\$438.32	\$371.67	\$439.35	\$232.31	\$419.37	\$511.42	\$448.39
2015	\$812.79	\$496.06	\$496.90	\$475.95	\$429.26	\$366.07	\$476.01	\$250.67	\$415.39	\$533.32	\$451.95
# of Responses (2015)	5	11	23	25	29	16	11	8	26	17	171
Population (millions)	2.8	14.3	12.6	9.2	19.2	12.7	4.6	2.6	25.7	5.4	109.6

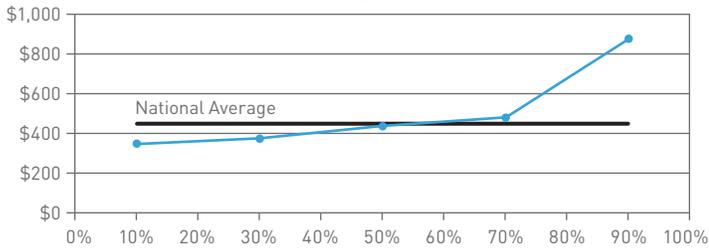
DISTRIBUTION TREND OF AVERAGE ANNUAL RESIDENTIAL CHARGE (NATIONAL)



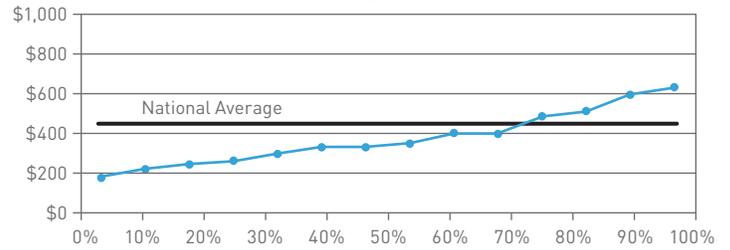
REGIONAL DISTRIBUTION OF SERVICE CHARGES (2015)

(Charge vs. Percent of Charges Less Than Value)

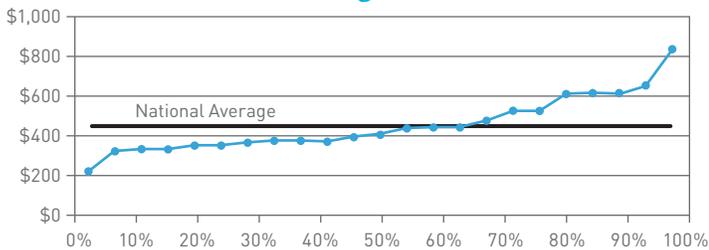
EPA Region 1



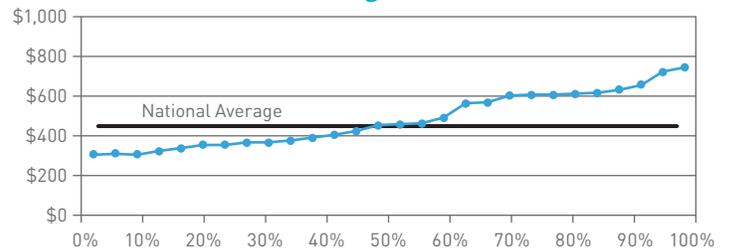
EPA Region 2



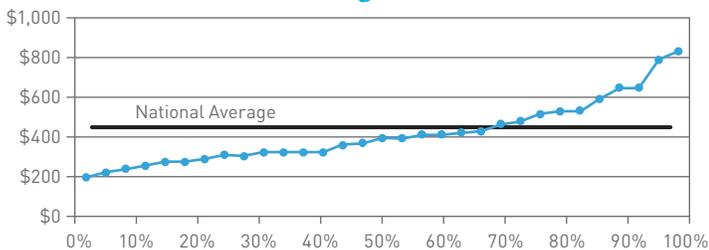
EPA Region 3



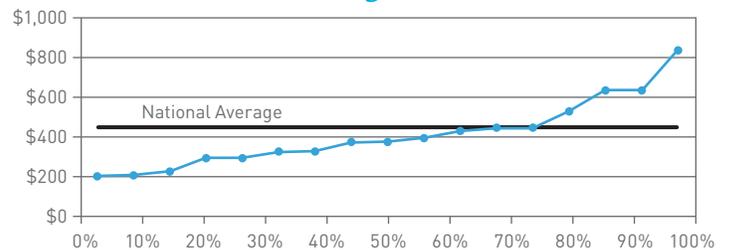
EPA Region 4



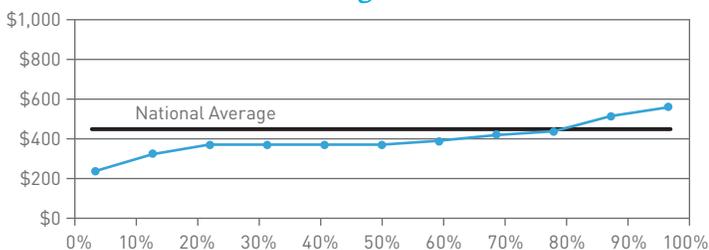
EPA Region 5



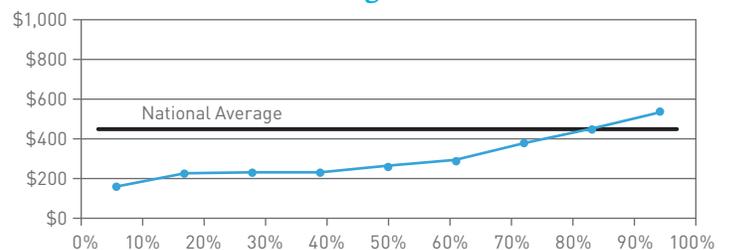
EPA Region 6



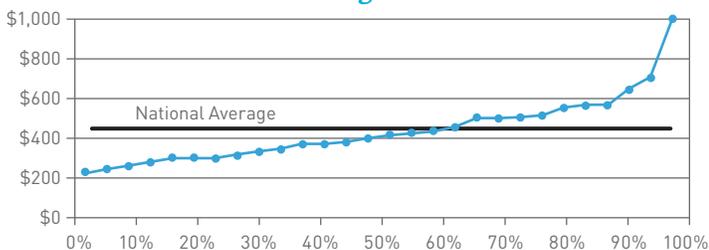
EPA Region 7



EPA Region 8



EPA Region 9



EPA Region 10

