

Water Rates in Delaware and Surrounding States

December 2015

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Introduction

The University of Delaware Water Resources Center (DWRC) conducts inventories of water rates for public and investor-owned water utilities within Delaware and the surrounding states of Pennsylvania, New Jersey, and Maryland. This 2015 survey is an update of previous reports prepared in 2000, 2004, 2008, 2011, 2012, and 2013.

Note that the costs and rates charged for water services differ in many respects between public and investor-owned purveyors. For example, public purveyors have sources of capital and revenue that are assumed by the tax payers but are not reflected in the water rates. For such public purveyors, finances can be intermingled with other municipal departments, thus revenues and costs are shared with other city functions. Investor-owned purveyors, unlike public purveyors, can charge rates to cover operating costs and earn profit. Additionally, expenses paid by investor-owned purveyors, primarily taxes, are not paid by the public purveyor. It is important to consider this information related to water service and rates charged for water service (which often varies by state) when comparing public and investor-owned purveyors. Additional information on this topic can be found by reading the EPA “Four Pillars Approach – Rates that Reflect the Full Cost of Services” at <http://www.epa.gov/waterinfrastructure/>.

Methods

The DWRC contacted water utilities by e-mail, telephone, or website and collected water rate and tariff data from over 50 water purveyors in the four states. We used the following assumptions to compute residential water rates: (a) quarterly residential water use equal to 15,000 gallons per customer and (b) the average residential water meter is 5/8 inch or 3/4 inch diameter.

The following formula was used to calculate the average residential water rate per quarter:

$$AQC = SC + FP + X(QCR) + QU + DC$$

Where:

- AQC = Average Quarterly Charge (\$/quarter)
- SC = Service Charge (\$/quarter)
- FP = Fire Protection Fee (\$/quarter)
- X = Quarterly Residential Water Use (15,000 gallons/quarter)
- QCR = Quarterly Consumption Rate (\$/1,000 gallons)
- QU = Quarterly Use Fee (\$/quarter)
- DC = Distribution Charge (\$/quarter)

Assuming the average residential unit uses an average of 15,000 gallons per quarter, AQC (\$/quarter) is divided by 15 and this value is equal to the quarterly rate per 1,000 gallons. Two additional conversions are important for analysis. If the water purveyor charges monthly fees rather than quarterly fees, the water rates must be converted to quarterly rates by multiplying the monthly rate by three. If the water purveyor charges fees based on cubic feet rather than gallons, the rates must be

converted given that 1 cubic foot = 7.48 gallons. See the following sample calculation of residential water rates.

Given:

- AQC = Average Quarterly Charge = \$X/quarter
- SC = Service Charge = \$20.00/quarter
- FP = Fire Protection Fee = \$5.00/quarter
- X = 15,000 gallons used quarterly
- QCR = Quarterly Consumption Rate = \$2.00/1,000 gallons
- QU = Quarterly Use Fee = \$0.00/quarter
- DC = Distribution Charge = \$0.00/quarter

Therefore:

$$AQC = \$20.00 + \$5.00 + 15,000(\$2.00/1,000 \text{ gal}) + \$0.00 + \$0.00 = \$55.00/\text{quarter}$$

$$\text{Average Quarterly Rate} = AQC/15 = \$55.00/15 = \$3.67/1,000 \text{ gal}$$

Summary

The 2015 water rate survey includes public- and investor-owned utilities in Delaware and surrounding states of Pennsylvania, New Jersey, and Maryland. For all water purveyors surveyed, the mean water rate is \$6.45/1,000 gallons and rates range from \$1.73/1000 gallons to \$14.21/1000 gallons (Table 1). The mean water rate is ranges from \$6.13/1,000 gallons for public water purveyors to \$10.90 for investor-owned water purveyors. Tables 2-7 summarize water rates for the water purveyors in Delaware, Maryland, New Jersey, and Pennsylvania.

Table 1. Mean residential water rates (2000-2015)

Purveyor Category	2000 Mean (\$/1,000 gal.)	2004 Mean (\$/1,000 gal.)	2008 Mean (\$/1,000 gal.)	2011 Mean (\$/1,000 gal.)	2015 Mean (\$/1,000 gal.)
Public	2.97	3.32	4.44	5.34	5.73
Investor	4.85	6.24	6.46	9.02	10.89
All	3.29	3.70	4.78	5.69	6.23

Assumes quarterly residential water use of 15,000 gallons per customer

Table 2. Residential water rates in Maryland (2000-2015)

Purveyor	2000 (\$/1,000 gal)	2004 (\$/1,000 gal)	2008 (\$/1,000 gal)	2011 (\$/1,000 gal)	2015 (\$/1000 gal)
Baltimore City DPW			1.51	3.75	
Cecil County DPW			7.00	7.00	9.73
Elkton	1.62				
In Town		1.75	2.15	2.80	4.16
Out of Town		3.50	4.30	5.60	8.32
Perryville Water Dept.	3.00	3.00	6.67	7.25	7.41

Assumes quarterly residential water use of 15,000 gallons per customer

Table 3. Residential water rates in New Castle County, Delaware (2000-2015)

Purveyor	2000 (\$/1000 gal)	2004 \$/1000 gal)	2008 (\$/1000 gal)	2012 (\$/1000 gal)	2013 (\$/1000 gal)	2015 (\$/1000 gal)
Artesian Water Co.	4.90	6.17	8.43	10.34	10.54	12.47
Delaware City	3.14	4.24	5.85	5.85	5.85	5.85
Middletown		3.08	2.56			
Newark						
Inside City		3.34	3.34	5.92	6.22	7.15
(Dec-Aug)	1.82					
(Sep-Nov)	2.11					
Outside City		4.65	4.65	8.16	8.57	9.84
(Dec-Aug)	2.43					
(Sep-Nov)	2.82					
New Castle MSC	3.40	4.28				
(Oct-Jun)			5.20	6.84	6.84	8.95
(Jul-Sep)			5.38	9.47	9.47	9.13
Tidewater Utilities	4.89	5.95	8.60	12.48	12.56	12.90
United Water Delaware	4.90	4.70	5.44	6.28	7.83	7.83
Wilmington						
Inside City	1.70	1.77	2.95	4.88	5.32	6.26
Outside City	2.86	3.34	4.97	8.23	8.97	10.54

Assumes quarterly residential water use of 15,000 gallons per customer

Table 4. Residential water rates in Kent County, Delaware (2000-2015)

Purveyor	2000 (\$/1,000 gal)	2004 (\$/1,000 gal)	2008 (\$/1,000 gal)	2011 (\$/1,000 gal)	2015 (\$/1,000 gal)
Camden-Wyoming		6.16	7.14	7.14	7.14
Clayton Water		2.17	3.83	4.10	4.73
Dover					
Inside City	1.90	2.35	2.53	3.08	3.17
Outside City	2.85	3.53	3.76	4.48	4.67
Felton			2.53		6.27
In Town		2.53		2.53	
Outside Town		3.80			
Frederica		3.33	4.33	4.33	4.33
Harrington		2.24	5.58	6.41	5.58
Magnolia					
In Town		3.33	3.67	3.67	3.67
Outside Town		4.00	4.33	4.33	4.33
Smyrna		2.87			
In Town			2.87	5.40	4.63
Outside Town			5.33	10.80	9.27

Assumes quarterly residential water use of 15,000 gallons per customer

Table 5. Residential water rates in Sussex County, Delaware (2000-2015)

Purveyor	2000 (\$/1,000 gal)	2004 (\$/1,000 gal)	2008 (\$/1,000 gal)	2011 (\$/1,000 gal)	2015 (\$/1,000 gal)
Bridgeville		3.58	3.00	3.53	3.53
Delmar		2.50	2.50	4.55	5.10
Georgetown	2.75				
In Town		2.82	5.43	5.43	5.46
Outside Town		4.23	6.98	6.98	7.03
Greenwood		4.00	6.40	6.40	4.40
Laurel		3.95	3.74	3.74	3.74
Lewes Public Works	1.72	2.71			
In Town			2.46	4.56	4.57
Outside Town			3.20	6.69	6.62
Milford	2.33				
In Town		2.20	3.67	3.67	3.95
Outside Town		3.50	5.50	5.50	
Millsboro		1.70	3.00	3.00	
Milton		3.63			
In Town			5.33	5.33	5.33
Outside Town			7.67	7.67	7.67
Rehoboth					
In Town					
(Oct-Mar)	1.33	1.49	2.00	2.30	2.30
(Apr-Sep)	1.83	2.15	2.87	3.30	3.30
Outside Town					
(Oct-Mar)	2.67	2.98	4.00	4.60	4.61
(Apr-Sep)	3.67	4.30	5.74	6.60	6.61
Seaford		2.08	2.08	2.08	6.25
Selbyville		3.60	4.27	4.27	4.27
Sussex County DPW	2.45	3.80	2.95	3.09	3.09

Assumes quarterly residential water use of 15,000 gallons per customer

Table 6. Residential water rates in New Jersey (2000-2015)

Purveyor	2000 (\$/1,000 gal.)	2004 (\$/1,000 gal)	2008 (\$/1,000 gal)	2011 (\$/1,000 gal)	2015 (\$/1000 gal)
Berlin Borough		3.00	4.33	4.33	4.63
Brick Township MUA		4.18			
Camden	3.70	3.70	3.70	4.76	4.78
Evesham MUA		2.78			
AMR system			2.25	7.70	
Exempt AMR system			2.65	7.09	
Medford Twp. Utilities		2.30	2.49	4.00	4.00
Merchantville- Pennsauken		1.86		2.43	4.07
NJ American Water Co.	5.22	5.96			
Non-exempt			6.83	7.70	
Exempt			5.92	7.09	
Salem	2.89	5.71	2.93	2.93	4.13
Trenton	3.27	3.27	7.09	7.09	5.91
Washington Twp.MUA		2.17	1.73	1.73	1.73

Assumes quarterly residential water use of 15,000 gallons per customer

Table 7. Residential water rates in Pennsylvania (2000-2015)

Purveyor	2000 (\$/1,000 gal)	2004 (\$/1,000 gal)	2008 (\$/1,000 gal)	2011 (\$/1,000 gal)	2015 (\$/1000 gal)
Ambler Borough		3.84	5.79	5.79	5.46
Aqua Pennsylvania	5.36	7.02	10.27	10.27	11.25
Bucks County WSA		3.45			
New Hope, Solebury			4.82	4.82	6.57
Middletown Township			3.93	3.93	
Langhorne & Pennel			4.02	4.02	
Chester Water Authority					
Village Green East	4.20	5.40	6.14	9.18	
Village Green West	5.33	6.28	7.06	10.22	8.34
Coatesville (PAWCo)	5.88	6.50	9.21	10.49	
Downingtown MWA	5.75	6.50	7.65	9.58	13.30
Lehigh County Authority		2.70			
Madison Park North				8.28	
Upper Milford				6.87	
Welshtown Road				6.55	
Newtown Artesian Water		5.58	8.46		
Newtown Artesian				5.68	6.70
Indian Rock Area				6.64	
North Wales Water Auth.	4.40	4.40			
(Nov-Mar)			4.40	4.40	4.40
(Apr-Oct)			6.00	6.00	6.00
PA American Water Co.		7.38	9.21	10.49	14.21
Philadelphia Water Dept.	2.17	2.91	3.93	5.18	6.68
Phoenixville Water Dept.		4.10			3.65

Assumes quarterly residential water use of 15,000 gallons per customer

Appendix A
Residential Water Rate Data 2015

	A	B	C			D	E	E/15= F
Water Utility (New Castle County)	Service Charge (\$)	Fire Protection (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Use Fee (\$)	Quarterly Charge (A+B+C+D=F)	Quarterly Rate (\$/1,000)
Artesian Water Company	Monthly	Monthly	\$6.827/1,000 gal (0-2,000 gal)	\$7.381/1,000 (2,001-7,000 gal)	\$8.607/1,000 (>7,000 gal)	Distribution improvement charge (0.00%) after 06/10/14		
	\$13.75	\$4.16	\$13.65	\$22.14	\$0.00	\$0.00	\$161.12	\$10.74
Delaware City	Monthly	Monthly	\$3.25/1,000 gal (0-15,000 gal)					
	\$13.00	\$0.00	\$16.25	\$0.00	\$0.00	\$0.00	\$87.75	\$5.85
Newark								
Inside City		Quarterly	\$4.53/100 cubic feet (0-1,273 cubic feet) ¹	\$5.78/100 cubic feet (>1,273)				
	\$0.00		57.67	42.33	\$0.00	\$0.00	\$100.00	\$6.22
Outside City		Quarterly	\$6.04/100 cubic feet (0-1,273 cubic feet)	\$7.84/100 cubic feet (over 1,273 cubic feet)				
	\$0.00	\$3.67	76.89	57.42	\$0.00	\$0.00	\$137.98	\$8.57
New Castle Municipal Services Commission	Monthly	Monthly	0.0067/gal (Monthly)					
	\$7.75	\$5.43	\$21.00	\$0.00	\$0.00	\$0.00	\$102.54	\$6.84
July through September			0.0067/gal (0-4,000 gal) (Monthly)	0.00735/gal (>4,000 gal) (Monthly)				
	\$7.75	\$5.43	\$26.80	\$7.35	\$0.00	\$0.00	\$141.99	\$9.47
Tidewater Utilities	Monthly	Per unit in Fire Hydrant Districts ³	\$8.4916/1,000 gal (0-5,000 gal) (Monthly)	\$8.6010/1,000 (5,001-20,000 gal) (Monthly)	\$8.7104/1,000 (>20,000 gal) (Monthly)	Distribution improvement charge (0.00%) after 02/06/14		
	\$18.83	\$5.37	\$42.46	\$0.00	\$0.00	\$0.00	\$199.97	\$12.56
United Water Delaware	Quarterly	Quarterly	\$3.3819/1,000 (0-5000 gal)	\$4.0280/1,000 (5001-20,000 gal)	\$5.6786/1,000 (>20,000 gal)	Distribution improvement charge 6.85% (7/01/14)		
	\$42.15	\$9.90	\$16.91	\$40.28	\$0.00	\$7.48	\$116.72	\$7.78
Wilmington								
Inside City	Quarterly allowance of 8,000 gal		\$0.00/1,000 gal (Quarterly allowance 0-8,000 gallons)	\$5.412/1,000 gal (8,001-15,000)	\$6.763/1,000 gal (>15,000)			
	\$55.97	\$0.00	\$0.00	\$37.88	\$0.00	\$0.00	\$93.85	\$5.32
Outside City	Quarterly allowance of 8,000 gal		\$0.00/1000 gal (Quarterly allowance 0-8,000 gallons)	\$9.797/1,000 gal (8,001-15,000)	\$12.240/1000 gal (>15,000)			
	\$89.59	\$0.00	\$0.00	\$68.58	\$0.00	\$0.00	\$158.17	\$8.97

	A	B	C						D	E	E/15= F
Water Utility (Kent County)	Service Charge (\$)	Fire Protection (\$)	Rate (\$)	Rate (\$)	Rate (\$)	Rate (\$)	Rate (\$)	Rate (\$)	Use Fee (\$)	Total Average Quarterly Charge (A+B+C+D+E)	Average Quarterly Rate (\$/1,000)
Camden-Wyoming	\$28.83		\$5.22/1,000 gal (0-15,000 gal)							\$107.13	\$7.14
			\$78.30								
Clayton			\$9.50/1,000 gal (0-2,000 gal)	\$4.00/1,000 gal (>2,000 gal)						\$71.00	\$4.73
			\$19.00	\$52.00							
Dover											
Inside City	\$2.50		\$3.00/1,000 gal (0-15,000 gal)								
			\$45.00							\$47.50	\$3.17
Outside City	\$2.50		\$4.50/1,000 gal (0-15,000 gal)								
			\$67.50							\$70.00	\$4.67
Felton	\$38.00		\$2.00/1,000 gal (>15,000 gal)						debt service fee		
			\$30.00						\$26.00	\$94.00	\$6.27
Frederica	\$65.00									\$65.00	\$4.33
Harrington	\$35.00		\$3.25/1,000 gal								
			\$48.75							\$83.75	\$5.58
Magnolia											
Inside Town	\$55.00									\$55.00	\$3.67
Outside Town	\$65.00									\$65.00	\$4.33
Smyrna											
Inside City			First 3,000 gallons	\$3.31/1,000 gal (3,001-4,000 gallons)	\$4.41/1,000 gal (4,001-6,000)	\$5.51/1,000 gal (6,001-7,000)	\$6.62/1,000 gal (7,001-10,000 gal)	\$4.41/1,000 gal (10,001-15,000 gal)		\$69.47	\$4.63
			\$9.92	\$3.31	\$8.82	\$5.51	\$19.86	\$22.05			
Outside City			First 3,000 gallons	\$6.62/1,000 gal (3,001-4,000 gallons)	\$8.82/1,000 gal (4,001-6,000)	\$11.02/1,000 gal (6,001-7,000)	\$13.24/1,000 gal (7,001-10,000 gal)	\$8.82/1,000 gal (10,001-15,000 gal)		\$139.02	\$9.27
			\$19.92	\$6.62	\$17.64	\$11.02	\$39.72	\$44.10			

	A	B	C			D	E	E/15= F
Water Utility (Sussex County)	Service Charge (\$) (quarterly)	Fire Protection (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Use Fee (\$)	Total Average Quarterly Charge (A+B+C+D=E)	Average Quarterly Rate (\$/1,000)
Bridgeville	\$3.50		\$2.79/1,000 gal (0-5,000 gal)	\$3.35/1,000 (5,001-10,000 gal)	\$3.75/1,000 (>10,000 gal)		\$52.95	\$3.53
			\$13.95	\$16.75	\$18.75			
Delmar	\$16.45		\$4.00/1,000 gal (0-15,000 gal)				\$76.45	\$5.10
			\$60.00					
Georgetown								
Inside City	\$35.00		\$3.13/1,000 gal				\$81.95	\$5.46
			\$46.95					
Outside City	\$35.00		\$4.70/1,000 gal				\$105.50	\$7.03
			\$70.50					
Greenwood	\$66.00						\$66.00	\$4.40
Laurel	\$56.10						\$56.10	\$3.74
Lewes Board of Public Works								
Inside City	\$45.00		\$0.90/1,000 gal (0-4,500 gal)	\$1.65/1,000 gal (4,501-9,000 gal)	\$2.00/1,000 gal (>9,000 gal)		\$68.48	\$4.57
			\$4.05	\$7.43	\$12.00			
Outside City	\$65.25		\$1.31/1,000 gal (0-4,500 gal)	\$2.39/1,000 gal (4,501-9,000 gal)	\$2.90/1,000 gal (>9,000 gal)		\$99.30	\$6.62
			\$5.90	\$10.76	\$17.40			
Milford	Monthly		\$3.25/1,000 gal (1,001-4,000 gal) (Monthly)	\$3.50/1,000 (4,001-8,000 gal) (Monthly)			\$59.25	\$3.95
			\$3.25	\$13.00	\$3.50			
Milton								
Inside Town	\$35.00		\$3.00/1000 gal				\$80.00	\$5.33
			\$45.00					
Outside Town	\$70.00		\$3.00/1000 gal				\$115.00	\$7.67
			\$45.00					
Rehoboth Beach								
Inside City	Winter		\$1.67/1,000 gal				\$34.55	\$2.30
	\$9.50		\$25.05					
	Summer		\$2.67/1,000 gal					
	\$9.50		\$40.05					
Outside City	Winter		\$3.34/1,000 gal				\$69.10	\$4.61
	\$19.00		\$50.10					
	Summer		\$5.34/1,000 gal					
	\$19.00		\$80.10					
Seaford			\$18.70/month for 9,000 gal				\$93.69	\$6.25
Selbyville			\$64.00/18,000 gal				\$64.00	\$4.27
			\$64.00					
Sussex County DPW	\$46.29						\$46.29	\$3.09

	A	B	C			D	E	E/15= F
Water Utility (Pennsylvania)	Service Charge (\$)	Fire Protection (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Average Quarterly Use Fee (\$)	Total Average Quarterly Charge (A+B+C+D=E)	Average Quarterly Rate (\$/1,000)
Ambler Borough			\$2.84/1,000 gal (0-110,000 gal)					
	\$7.73	\$36.51	\$42.59				\$86.83	\$5.79
AQUA Pennsylvania (Main Division) ¹			\$7.047/1,000 (0-2,000)	\$8.031/1,000 (2000-15,000 gal)				
	\$13.15	\$0.00	\$14.09	\$24.09	\$0.00	\$0.00	\$154.01	\$10.27
Bucks County Water & Sewer Authority								
New Hope, Solebury	Minimum Charge (4,000 gal)		\$4.25/1,000 gal (to 19,000)					
	\$25.48	\$0.00	\$46.75		\$0.00	\$0.00	\$72.23	\$4.82
Middletown Twp.	Minimum Charge (4,000 gal)		\$3.19/1,000 gal					
	\$23.88	\$0.00	\$35.09		\$0.00	\$0.00	\$58.97	\$3.93
Langhorne, Penndel	Minimum Charge (4,000 gal)		\$3.14/1,000 gal					
	\$25.69	\$0.00	\$34.54		\$0.00	\$0.00	\$60.23	\$4.02
Chester Water Authority								
Village Green East	\$12.10/mo.		\$4.61/1000 gal (0-25,000 gal)	\$2.96/1000 gal (>25,000 gal)				
	\$36.30	\$32.30	\$69.15	\$0.00			\$137.75	\$9.18
Village Green West	\$9.40/mo.		\$5.92/1000 gal (0-25,000 gal)	\$4.15/1000 gal (>25,000 gal)				
	\$28.20	\$36.30	\$88.80	\$0.00			\$153.30	\$10.22

	A	B	C			D	E	E/15= F
Water Utility (Pennsylvania)	Service Charge (\$)	Fire Protection (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Average Quarterly Fee (\$)	Total Quarter Charge (A+B+C+D=E)	Average Quarterly Rate (\$/1,000)
Downingtown Municipal Water Auth.			\$1.50/1000 gal (<5,000 gal)	\$7.69/1000 gal (>5000 gal)				
	\$57.00	\$2.32	\$7.50	\$76.90	\$0.00		\$143.72	\$9.58
Lehigh Co. Authority								
Madison Park North			\$7.50/1000 gal					
	\$11.70	\$0.00	\$112.50				\$124.20	\$8.28
Upper Milford			\$5.47/1000 gal					
	\$21.00	\$0.00	\$82.05				\$103.05	\$6.87
Welshstown Road			\$60 (0-8,000 gal)	\$5.47/1000 gal (>8000 gal)				
	\$0.00	\$0.00	\$60.00	\$38.29			\$98.29	\$6.55
Newtown Artesian Water Company					Purchase water adjustment			
Newtown Artesian			\$4.37/1000 gal		\$0.1909/ 1000 gal			
	\$16.72	\$0.00	\$65.55		\$2.86		\$85.13	\$5.68
Indian Rock Area			\$5.33/1000 gal		\$0.1909/1000 gal			
	\$16.72	\$0.00	\$79.95		\$2.86		\$99.53	\$6.64
North Wales WA								
Nov-Mar			\$3.60/1000 gal					
	\$12.00	\$0.00	\$54.00				\$66.00	\$4.40
April-Oct			\$5.20/1000 gal					
	\$12.00	\$0.00	\$78.00				\$90.00	\$6.00
Pennsylvania American Water Co.	\$13.00/mo.		\$7.89/1000 gal (0-15000 gal)					
	\$39.00	\$0.00	\$118.35				\$157.35	\$10.49
Philadelphia Water Department ¹	\$5.94/mo.		3.99/1000 gal (0-14,960 gal)					
	17.82	\$0.00	\$59.85				\$77.67	\$5.18
Phoenixville Water Dept.			12,500-15,000 gal					
Inside Borough	0-12,500 gal	\$288.15 per year	\$4.22/1000 gal (12,500-15,000 gal)					
	\$44.13	\$72.04	\$10.55				\$126.72	\$8.45

	A	B	C			D	E	E/15=F
Water Utility (New Jersey)	Service Charge (\$)	Fire Protection (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Average Quarterly Use Fee (\$)	Total Average Quarterly Charge (A+B+C+D=E)	Average Quarterly Rate (\$/1,000)
Berlin Borough			\$3.10/1,000 gal (first 5,000)	\$3.10/1,000 gal (5,000-10,000)	\$3.20/1,000 gal (5,000-15,000)			
	\$18.00	\$0.00	\$15.50	\$15.50	\$16.00	\$0.00	\$65.00	\$4.33
Camden			\$3.00/1000 gal (0-11,220 gal)	\$4.50/1000 gal 11220-15000				
	\$20.75	\$0.00	\$33.66	\$17.01	\$0.00	\$0.00	\$71.42	\$4.76
Evesham Municipal Utilities Authority			\$1.65/1,000 gal (1,000-16,000)					
AMR System	\$9.00	\$0.00	\$24.75			\$0.00	\$33.75	\$2.25
No AMR System	\$15.00	\$0.00	\$24.75	\$0.00	\$0.00	\$0.00	\$39.75	\$2.65
Medford Township	Min. Charge (0-5,000 gal)		\$3.50/1,000 gal (5,001-20,000)					
	\$25.00	\$0.00	\$35.00	\$0.00	\$0.00	\$0.00	\$60.00	\$4.00
Merchantville- Pennsauken Water	(0-6732 gal)		\$2.14/1000 gal (6732-15000) gal					
	\$18.75		\$17.68				\$36.43	\$2.43
N.J. American Water Co.								
Non-exempt			\$5.70/1,000 gal					
	\$30.00	\$0.00	\$85.50			\$0.00	\$0.00	\$115.55
Exempt			\$5.09/1,000 gal					
	\$30.00	\$0.00	\$76.35			\$0.00	\$0.00	\$106.35
Salem ⁵	15,000 gal/6 mon \$52.16		\$2.39/1,000 gal (7500-15000 gal)					
	\$26.08 (3 months)	\$0.00	\$17.92			\$0.00	\$0.00	\$44.01
Washington Township MUA	Allowance 10,000 gal		\$1.60/1,000 gal (10,000-15,000)					
	\$18.00	\$0.00	\$8.00	\$0.00	\$0.00	\$0.00	\$26.00	\$1.73
Trenton		(charge per hydrant)	\$15.11/1,000 cf ¹ \$2.02/1000 gal					
	\$33.03	\$42.96	\$30.30			\$0.00	\$0.00	\$106.29

	A	B	C			D	E	E/15= F
Water Utility (Maryland)	Service Charge (\$)	Fire Protection (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Quarterly Rate (\$)	Average Quarterly Use Fee (\$)	Total Average Quarterly Charge (A+B+C+D=E)	Average Quarterly Rate (\$/1,000)
Baltimore City Dept. of Public Works			\$2.691 (first 50 units per quarter)					
	\$29.34	\$0.00	\$26.91	\$0.00	\$0.00	\$0.00	\$56.25	\$3.75
Cecil County Dept. of Public Works			\$7.00/1000 gal					
	\$0.00	\$0.00	\$105.00				\$105.00	\$7.00
Elkton								
Inside Town			0-9,000 gal min.	\$2.80/1000 gal (9,000-15,000 gal)				
	\$0.00	\$0.00	\$25.20	\$16.80			\$42.00	\$2.80
Outside Town			0-9,000 gal min.	\$5.60/1000 gal (9,000-15,000 gal)				
	\$0.00	\$0.00	\$50.40	\$33.60			\$84.00	\$5.60
Perryville Dept. of Water	First 2,500 gal		\$7.25/1000 gal (2500-15000 gal)					
	\$18.13	\$0.00	\$90.63				\$108.75	\$7.25

¹Billed monthly rather than quarterly

²1 EDU=200 gallons per day

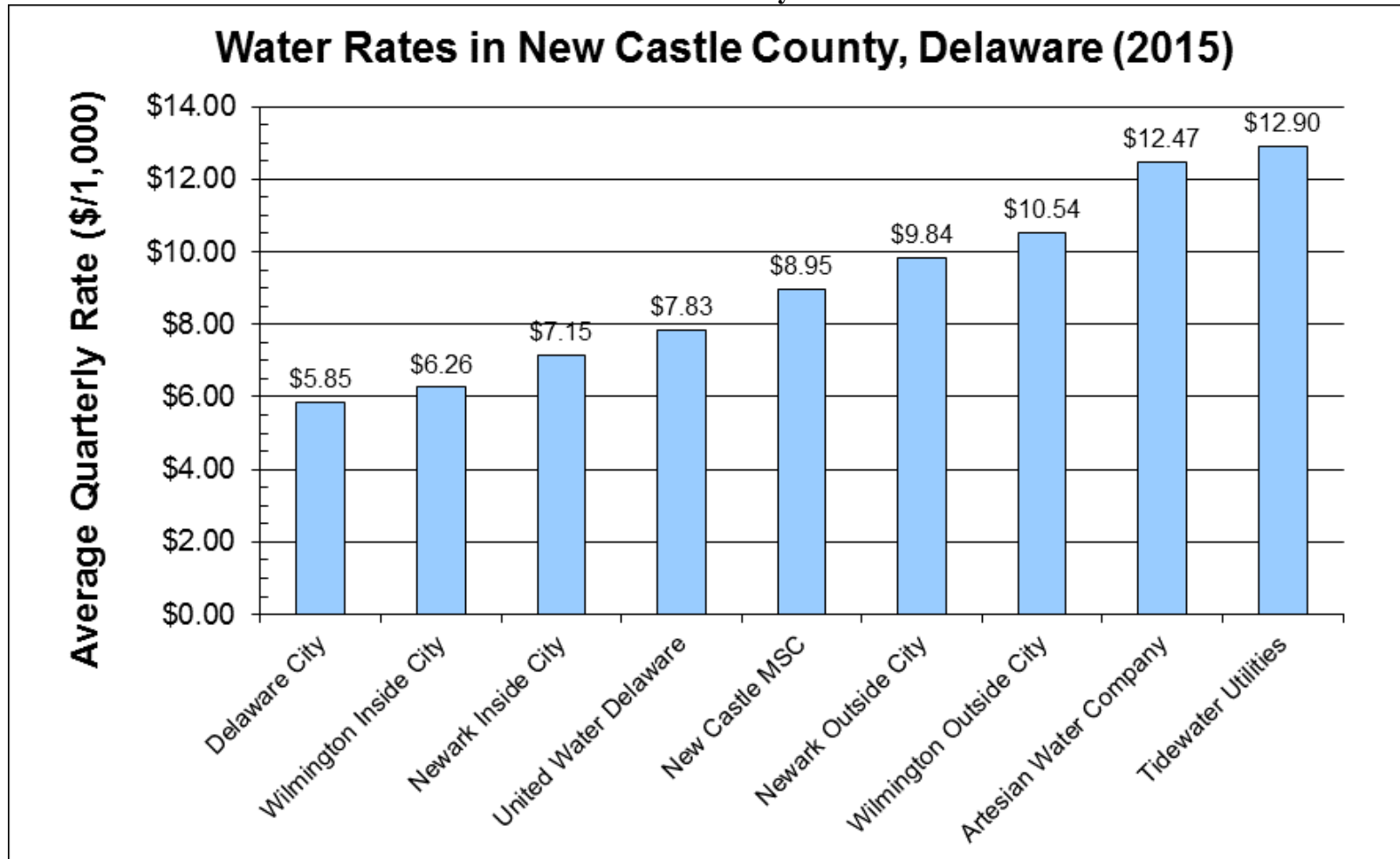
³1 EDU=9,000 gallons per day

⁴1 cubic foot = 7.48 gallons and 15,000 gallons = 1,995 cubic feet

⁵Billed every six months

⁶1 unit=748 gallons

Appendix B
Average Quarterly Rate
New Castle County 2015



Average Annual Water Bill in New Castle County, Delaware (2015)

