

2023 WATER RATE SURVEY
Monthly Charge For Water Used In Cubic Feet - Cities With Softening Plants
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

City	Rate Effective	0	200	300	400	600	800	1,000	10,000	50,000	100,000	
Altoona	Jul. 2023	12.25	15.60	20.65	25.70	35.79	45.89	56.00	510.43	2,530	5,055	Residential
										521.43	2,541	5,066
Ames	Jul. 2023	14.20	19.76	22.54	25.32	30.88	36.44	42.00	363.48	1,761	3,521	
Ankeny <i>dsm</i>	Apr. 2023	9.74	19.28	24.06	28.83	38.37	50.44	63.84	677.85	3,398	6,818	
Boone	Jul. 2023	12.36	19.22	22.65	26.08	32.94	39.80	46.66	557.24	2,798	5,600	Residential
										363.74	1,745	3,471
Burlington	Jul. 2023	35.14	35.14	35.14	35.14	35.14	39.37	45.81	305.00	1,099	1,968	
Cedar Rapids	Jul. 2023	16.69	22.39	25.24	28.09	33.78	39.48	45.18	316.09	1,493	2,964	
Clive § <i>dsm</i>	May 2023	0	11.87	18.66	24.59	37.31	50.03	62.75	634.30	3,172	6,343	
Council Bluffs	Jan. 2023	13.76	13.76	13.76	15.40	23.10	30.80	38.50	300.00	1,240	2,165	
Des Moines <i>dsm</i>	Apr. 2023	6.00	14.81	19.22	23.62	32.44	41.25	50.06	448.60	1,793	3,022	
Dubuque	Jul. 2023	8.93	8.93	13.40	17.86	26.79	35.72	44.65	396.95	1,806	3,371	
Fort Madison	Jan. 2023	11.02	20.80	25.70	30.59	40.37	50.16	59.95	446.23	1,826	3,374	
Grimes <i>dsm</i>	Jul. 2023	12.34	17.66	25.68	33.69	49.73	65.77	81.82	804.36	4,026	8,039	
Indianola	May 2023	11.25	14.72	19.96	25.19	35.67	46.14	56.62	527.89	2,622	5,241	Residential
		11.25	14.85	20.27	25.69	36.54	47.38	58.24	546.34	2,716	5,427	Commercial
Iowa City	Jul. 2023	8.52	12.49	16.46	20.43	28.37	36.31	44.25	325.59	1,484	2,934	
Johnston <i>dsm</i>	Jul. 2020	10.56	22.30	28.18	34.05	45.80	57.53	69.29	597.78	2,947	5,883	
Keokuk	Jul. 2023	17.92	17.92	18.81	21.55	27.03	32.50	37.98	278.43	1,179	2,286	
Marshalltown	Jul. 2023	11.04	17.08	20.10	23.12	29.16	35.20	41.24	315.46	1,541	3,067	Residential
		11.04	16.52	19.26	22.00	27.48	32.96	38.44	287.46	1,401	2,787	Commercial
Newton	Aug. 2019	11.45	11.45	14.32	17.19	22.93	28.67	34.41	292.71	1,441	2,876	Residential
		11.45	17.19	20.06	22.93	28.67	34.41	40.15	298.45	1,448	2,910	Commercial
Norwalk <i>dsm</i>	Jul. 2023	6.50	18.33	24.25	30.17	42.00	53.84	65.67	598.21	2,965	5,924	
Oskaloosa	Mar. 2019	15.84	15.84	23.76	31.68	47.52	63.36	79.20	792.00	3,960	7,920	
Ottumwa	Jan. 2023	16.04	24.94	29.39	33.84	42.74	51.64	60.54	468.36	2,271	3,939	
Pella	Jul. 2020	19.97	27.18	30.78	34.39	41.60	48.81	56.03	380.53	1,823	3,626	
Pleasant Hill <i>dsm</i>	Jul. 2023	10.00	25.47	33.20	40.94	56.41	71.87	87.35	694.70	3,304	6,565	
Spencer	Sept. 2022	28.00	36.60	40.90	45.20	53.81	62.41	71.02	458.13	2,179	4,329	
Storm Lake	Jul. 2023	16.33	16.33	19.97	23.63	30.94	38.26	45.58	374.79	1,838	3,667	Residential
										286.66	1,309	2,569
Urbandale <i>dsm</i>	May 2023	5.00	14.93	19.90	24.87	34.80	44.74	54.67	505.04	2,510	5,034	
Waukee <i>dsm</i>	Jul. 2023	13.81	18.46	25.47	32.49	46.53	60.56	74.60	706.10	3,513	7,021	
West Des Moines	Jan. 2023	4.60	14.16	18.94	23.72	33.28	42.84	52.40	483.28	2,403	4,802	

All calculations for 5/8" meter, unless otherwise noted

1" 2" 3"

§ Clive rounds down to the nearest 100 gallons

dsm Treated water from Des Moines Water Works

2023 WATER RATE SURVEY
Monthly Charge For Water Used In Cubic Feet - Cities Without Softening Plants
Iowa Cities (Population 10,000+)

Prepared by the City of Ames, Iowa

City	Rate Effective	0	200	300	400	600	800	1,000	10,000	50,000	100,000	
American Water Co.†	Oct. 2021	14.06	24.20	29.27	34.34	44.48	54.62	64.76	381.70	1,571	2,959	
Carroll	Jul. 2017	5.00	10.14	12.66	15.18	20.22	25.26	30.10	243.52	1,188	2,368	
Cedar Falls	Jan. 2023	15.80	19.30	21.05	22.80	26.30	29.80	33.30	198.55	934	1,846	Residential
		15.80	20.10	22.25	24.40	28.70	33.00	37.30	181.85	825	1,622	Commercial
Coralville	Jul. 2023	7.85	7.85	9.88	11.91	15.97	20.03	24.09	206.79	1,019	2,034	Residential
		13.50	13.50	15.53	17.56	21.62	25.68	29.74	212.44	1,024	2,039	Commercial
Fort Dodge Δ	Jan. 2023	23.21	23.21	23.21	23.21	35.03	40.94	52.76	338.57	1,380	2,517	
Le Mars	Jul. 2021	14.33	14.33	15.00	17.06	21.20	25.33	29.46	174.47	635	1,174	
Marion ‡	Jul. 2023	15.40	15.40	17.43	19.45	23.50	27.56	31.61	280.52	1,434	2,873	
Mason City	Jul. 2023	17.77	17.77	20.00	24.39	33.17	41.95	50.73	302.03	1,312	2,574	
Muscatine	Jul. 2023	16.00	19.02	20.53	22.04	25.06	28.08	31.10	167.00	771	1,526	Residential
		23.64	25.51	26.45	27.38	29.25	31.12	33.00	121.92	515	926	Commercial
North Liberty ∞	Jul. 2021	17.44	17.44	24.45	24.45	38.47	45.48	59.50	529.17	2,632	5,254	
Sioux City	Jul. 2018	13.48	13.48	17.60	21.72	29.96	38.20	46.44	342.06	1,534	2,811	Residential
									429.86	1,534	2,811	Commercial
Waterloo	Jan. 2023	11.29	11.29	11.29	13.46	17.80	22.14	26.48	206.73	988	1,911	
Waverly	Jun. 2023	11.91	11.91	14.58	19.44	29.16	38.88	48.60	365.13	1,374	2,617	

All calculations for 5/8" meter, unless otherwise noted

1" 2" 3"

†American Water Company serves Bettendorf, Clinton, and Davenport.

‡Marion's standard meter size is 3/4."

Δ Fort Dodge rounds down to the nearest 1,000 gallons.

∞ North Liberty rounds down to the nearest 1,000 gallons.

2023 WATER RATE SURVEY
Additional Rate Information
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

City	Estimated Population	Type of Treatment	Range in Rate Steps	Minimum Bill \$/Month ^ø (0 CF)	CF included on Minimum Bill
Altoona	21,503	wells, softening	6.75 flat per 134 CF	12.25	0
American Water Co.	-- *	filtration	6.775 to 3.719 to 3.388 to 2.373/134 CF	14.00	0
Ames	66,950	wells, softening	2.78 flat per 100 CF	14.20	0
Ankeny	72,222	wells, river, softening	6.38 to 8.95/134 CF	9.74	0
Bettendorf	39,548	See American Water Co. Line			
Boone	12,406	wells, softening	3.43 to 5.58/100 CF	12.36	0
Burlington	23,611	river, softening	5.23 to 4.30 to 3.40 to 2.74 to 2.16 to 1.98/134 CF	35.14	668
Carroll	10,184	wells, iron removal, filtration	2.57 to 2.52 to 2.42 to 2.36/100 CF	5.00	0
Cedar Falls	40,746	wells, chlorine	1.75 flat per 100 CF	15.80	0
Cedar Rapids	136,429	wells, softening	2.8490 to 2.6983 to 2.2850 to 1.1059/100 CF	16.69	0
Clinton	24,391	See American Water Co. Line			
Clive	18,908	wells, river, softening	8.48 flat per 134 CF	0.00	0
Coralville	23,125	iron removal, filtration	2.03 flat per 100 CF over min.	7.85	200
Council Bluffs	62,405	river softening	3.85 to 2.85 to 1.85/100 CF over min.	13.76	300
Davenport	100,486	See American Water Co. Line			
Des Moines	211,034	wells, river, softening	4.406 to 2.962 to 2.274/100 CF	6.00	0
Dubuque	58,873	wells, softening	5.97 to 4.90 to 4.57 to 4.03 to 3.53/134 CF	8.93	200
Fort Dodge	24,657	iron removal, filtration	5.91 to 3.87 to 3.04 to 2.12 to 1.58/134 CF	23.21	268
Fort Madison	10,134	river, softening	6.54 to 5.87 to 4.73 to 3.76/134 CF	11.02	0
Grimes	16,295	wells, softening	10.72 flat per 134 CF	12.34	0
Indianola	16,069	wells, softening	7.00 flat per 134 CF over min.	11.25	134
Iowa City	75,233	wells, softening	3.97 to 2.85/100 CF over min.	8.52	100
Johnston	24,390	wells, river, softening	7.85 flat per each 134 CF	10.56	0
Keokuk	9,623	river, softening	3.66 to 3.56 to 2.96 to 2.52 to 2.65/134 CF over min.	17.92	268
Le Mars	10,605	wells, filtration	7.17 to 2.76 to 1.76 to 1.44/134 CF	14.33	268
Marion	41,864	iron removal, filtration	1.70 to 2.03 to 2.34 to 2.57 to 2.82/100 CF over min.	15.40	200
Marshalltown	27,433	wells, softening	3.02 flat per 100 CF	11.04	0
Mason City	26,924	wells, chlorine	4.39 to 3.731 to 2.524/100 CF	17.77	0
Muscatine	23,413	wells, chlorine	1.51 flat per 100 CF	16.00	0
Newton	15,688	wells, softening	2.87 flat per 100 CF over min.	11.45	200
North Liberty	21,399	ion exchange	7.01 flat per 134 CF over min.	17.44	134
Norwalk	14,177	wells, river, softening	7.91 flat per 134 CF	6.50	0
Oskaloosa	11,482	wells, softening	7.92 flat per 100 CF over min.	15.84	200
Ottumwa	25,175	river, softening	4.45 to 3.25 to 2.37/100 CF	16.04	0
Pella	10,744	wells, softening	4.82 flat per 134 CF	19.97	0
Pleasant Hill	11,186	wells, river, softening	10.34 to 8.72/134 CF	10.00	0
Sioux City	85,497	filtration	4.12 to 2.50/100 CF over min.	13.48	200
Spencer	11,413	wells, softening	5.75 flat per 134 CF	28.00	0
Storm Lake	11,307	wells, softening	4.89 flat per 134 CF over min.	16.33	200
Urbandale	46,648	wells, river, softening	6.64 flat per 134 CF	5.00	0
Waterloo	66,562	--	2.17 to 1.89 to 1.80 to 1.64/100 CF over min.	11.29	300
Waukee	29,167	wells, river, softening	9.38 flat per 134 CF over min.	13.81	134
Waverly	10,522	--	4.86 to 3.89 to 3.16 to 2.43/100 CF over min.	11.91	245
West Des Moines	70,741	wells, softening	6.39 flat per 134 CF	4.60	0

* American Water Co serves Bettendorf, Clinton, and Davenport's populations

^ø This amount is for 0 CF (residential) used. It includes any base rate, admin fee, availability fee, minimum monthly charge, etc.

2023 WATER RATE SURVEY
Softening Water Plants Only
Iowa Cities (Population 10,000+)
 Prepared by the City of Ames, Iowa

0 CF

Burlington	35.14
Spencer	28.00
Pella	19.97
Keokuk	17.92
Cedar Rapids	16.69
Storm Lake	16.33
Ottumwa	16.04
Oskaloosa	15.84
Ames	14.20
Waukee	13.81
Council Bluffs	13.76
Boone	12.36
Grimes	12.34
Altoona	12.25
Newton	11.45
Indianola	11.25
Marshalltown	11.04
Fort Madison	11.02
Johnston	10.56
Pleasant Hill	10.00
Ankeny	9.74
Dubuque	8.93
Iowa City	8.52
Norwalk	6.50
Des Moines	6.00
Urbandale	5.00
West Des Moines	4.60
Clive	0

600 CF

Pleasant Hill	56.41
Spencer	53.81
Grimes	49.73
Oskaloosa	47.52
Waukee	46.53
Johnston	45.80
Ottumwa	42.74
Norwalk	42.00
Pella	41.60
Fort Madison	40.37
Ankeny	38.37
Clive	37.31
Altoona	35.79
Indianola	35.67
Burlington	35.14
Urbandale	34.80
Cedar Rapids	33.78
West Des Moines	33.28
Boone	32.94
Des Moines	32.44
Storm Lake	30.94
Ames	30.88
Marshalltown	29.16
Iowa City	28.37
Keokuk	27.03
Dubuque	26.79
Council Bluffs	23.10
Newton	22.93

1,000 CF

Pleasant Hill	87.35
Grimes	81.82
Oskaloosa	79.20
Waukee	74.60
Spencer	71.02
Johnston	69.29
Norwalk	65.67
Ankeny	63.84
Clive	62.75
Ottumwa	60.54
Fort Madison	59.95
Indianola	56.62
Pella	56.03
Altoona	56.00
Urbandale	54.67
West Des Moines	52.40
Des Moines	50.06
Boone	46.66
Burlington	45.81
Storm Lake	45.58
Cedar Rapids	45.18
Dubuque	44.65
Iowa City	44.25
Ames	42.00
Marshalltown	41.24
Council Bluffs	38.50
Keokuk	37.98
Newton	34.41

10,000 CF

Grimes	804.36
Oskaloosa	792.00
Waukee	706.10
Pleasant Hill	694.70
Ankeny	677.85
Clive	634.30
Norwalk	598.21
Johnston	597.78
Boone	557.24
Indianola	527.89
Altoona	510.43
Urbandale	505.04
West Des Moines	483.28
Ottumwa	468.36
Spencer	458.13
Des Moines	448.60
Fort Madison	446.23
Dubuque	396.95
Pella	380.53
Storm Lake	374.79
Ames	363.48
Iowa City	325.59
Cedar Rapids	316.09
Marshalltown	315.46
Burlington	305.00
Council Bluffs	300.00
Newton	292.71
Keokuk	278.43

50,000 CF

Grimes	4,026
Oskaloosa	3,960
Waukee	3,513
Ankeny	3,398
Pleasant Hill	3,304
Clive	3,172
Norwalk	2,965
Johnston	2,947
Boone	2,798
Indianola	2,622
Altoona	2,530
Urbandale	2,510
West Des Moines	2,403
Ottumwa	2,271
Spencer	2,179
Storm Lake	1,838
Fort Madison	1,826
Pella	1,823
Dubuque	1,806
Des Moines	1,793
Ames	1,761
Marshalltown	1,541
Cedar Rapids	1,493
Iowa City	1,484
Newton	1,441
Council Bluffs	1,240
Keokuk	1,179
Burlington	1,099

100,000 CF

Grimes	8,039
Oskaloosa	7,920
Waukee	7,021
Ankeny	6,818
Pleasant Hill	6,565
Clive	6,343
Norwalk	5,924
Johnston	5,883
Boone	5,600
Indianola	5,241
Altoona	5,055
Urbandale	5,034
West Des Moines	4,802
Spencer	4,329
Ottumwa	3,939
Storm Lake	3,667
Pella	3,626
Ames	3,521
Fort Madison	3,374
Dubuque	3,371
Marshalltown	3,067
Des Moines	3,022
Cedar Rapids	2,964
Iowa City	2,934
Newton	2,876
Keokuk	2,286
Council Bluffs	2,165
Burlington	1,968

High	35.14
Median	11.85
Low	0.00

High	56.41
Median	35.41
Low	22.93

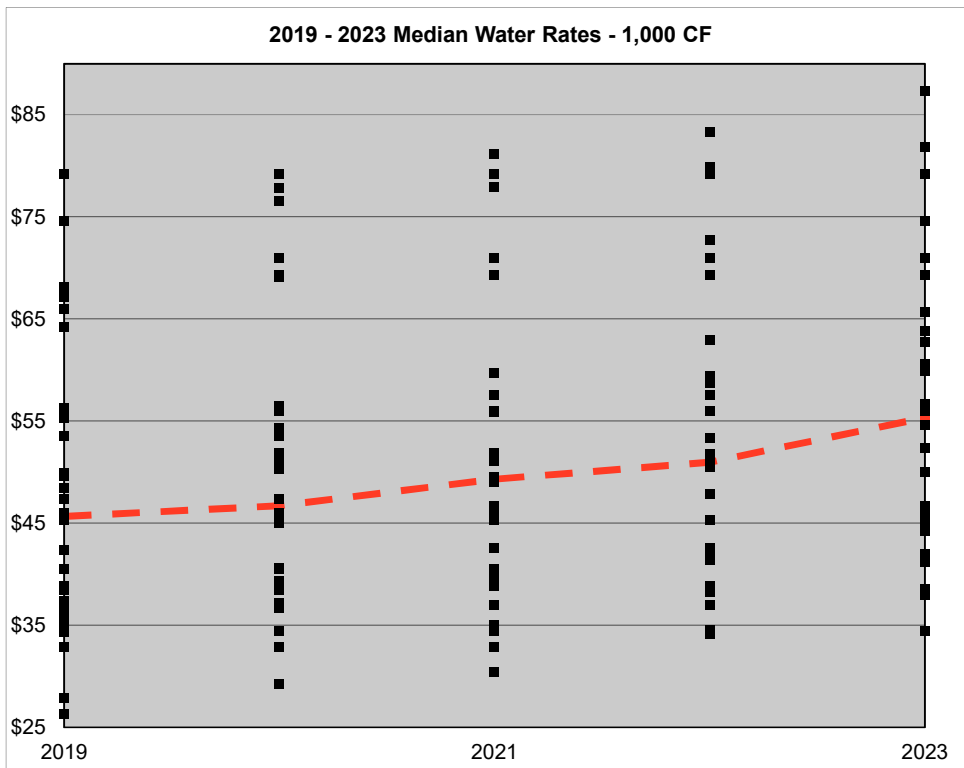
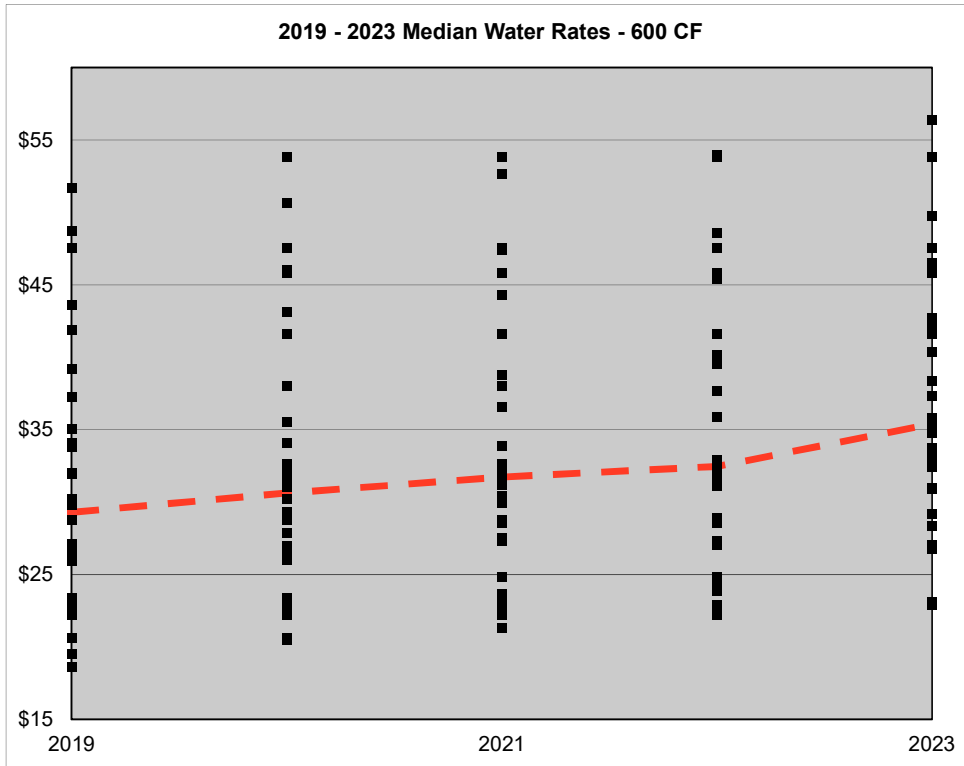
High	87.35
Median	55.34
Low	34.41

High	804.36
Median	463.25
Low	278.43

High	4,026
Median	2,225
Low	1,099

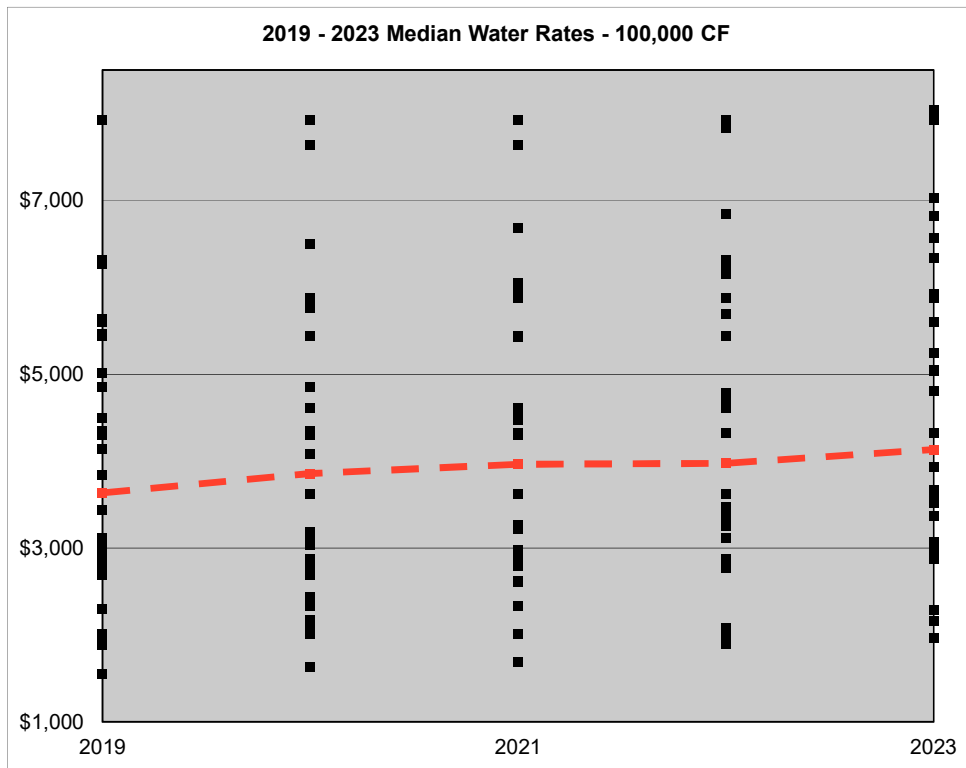
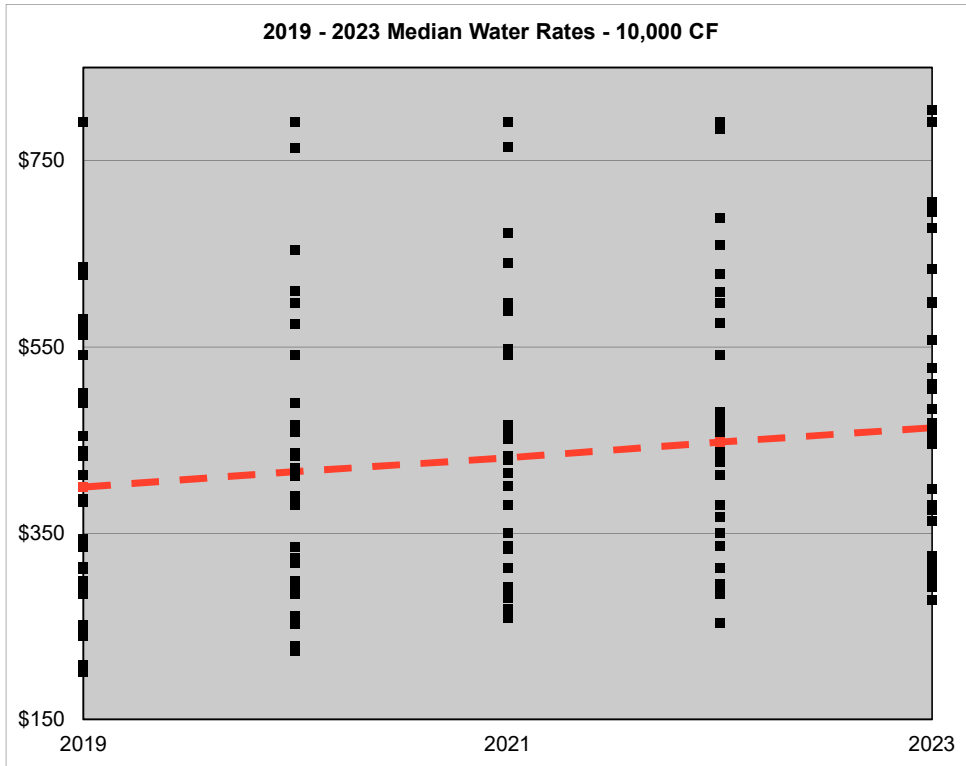
High	8,039
Median	4,134
Low	1,968

2023 WATER RATE SURVEY
Median Water Rates
Historical Comparison 2019 - 2023
Iowa Cities (Population 10,000+)
 Prepared by the City of Ames, Iowa



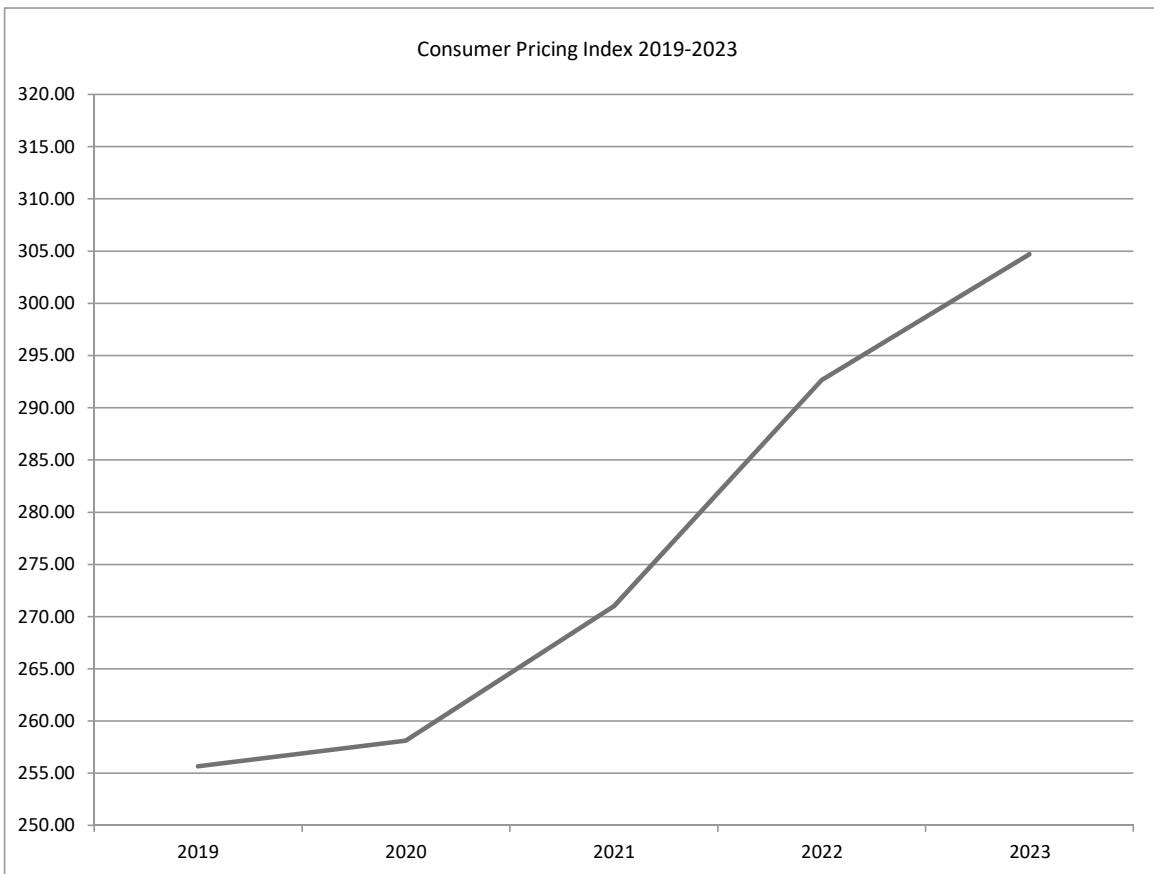
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2023 WATER RATE SURVEY
Median Water Rates
Historical Comparison 2019 - 2023
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa



--- Median

2023 WATER RATE SURVEY
Median Water Rates
Historical Comparison 2019 - 2023
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa



2023 WATER RATE SURVEY
Special Rates Data
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

City	Special Rate Details
Altoona	Usage over 9 million gallons over the usual billing cycle would be given a credit of \$3.00/1,000 gal. off of the water rates in effect at the time of usage
American Water	Incentive Rates
Ames	Residential Winter Rates (Nov. 1 - June 30): \$0.0278/cf Residential Summer Rates (July 1 - Oct. 31): \$0.0278/cf for first 1,000 cf of usage \$0.0490/cf for the next 1,500 cf of usage \$0.0737/cf for all usage over 2,500 cf Non-Residential Winter Rates: \$0.0278/cf Non-Residential Summer Rates: \$0.0364/cf Irrigation/Yard Water Rates: July 1 - Oct. 31: \$0.0401/cf for first 2,000 cf of usage \$0.0737/cf for the next 3,000 cf of usage \$0.1227/cf for all usage over 5,000 cf
Ankeny	None
Boone	None
Burlington	None
Carroll	Irrigation Rate: \$3.42/100 CF; Minimum charge of \$5/mo.
Cedar Falls	\$1.00 reduction in the monthly basic service charge for residents who meet the very low-income requirement set by the U.S. govt. contained in the Section 8 Housing Assistance Program
Cedar Rapids	None
Clive	Irrigation Rates: \$8.48-\$16.73/1,000 gal. for residential, \$9.82-\$14.16/1,000 gal. for commercial
Coralville	None
Council Bluffs	None
Des Moines	Wholesale rates to suburban communities: \$4.57/1,000 gallons for regular wholesale, \$3.39/1,000 gallons for those who have purchased capacity in DMWW's system; Emergency water shortage rate
Dubuque	None
Fort Dodge	Snowbirds do not pay water/tax while gone at least 90 days
Fort Madison	None
Grimes	Irrigation Rate: \$10.72/1,000 gallons
Indianola	Irrigation Rate: \$7.25/1,000 gallons
Iowa City	None
Johnston	Irrigation Rates: Availability \$6.22/mo. + \$9.83/1,000 gallons; Outside City: \$9.33/mo. + \$14.75/1,000 gallons
Keokuk	None
Le Mars	None
Marion	None
Mashalltown	Irrigation Rate: \$3.10/100 CF
Mason City	None
Muscatine	None
Newton	None
North Liberty	None
Norwalk	Over 350K gal./day = \$6.50/1000 gal.; Secondary Water Meter Peak Season Usage Charge = An additional \$2/1000 gal. during July & Aug.
Oskaloosa	None
Ottumwa	None
Pella	Secondary Meter (Garden Meter): \$6.26/month inside corporate limits, \$9.41/month outside corporate limits
Pleasant Hill	None
Sioux City	None
Spencer	Water Sprinkler Service: \$6.75/1,000 Gallons
Storm Lake	None
Urbandale	Irrigation Rate: \$7.69/1,000 gallons
Waterloo	None
Waukee	Irrigation Rate: \$12.38/1,000 gallons
Waverly	None
West Des Moines	Irrigation Rate: \$7.70/1,000 gallons

2023 WATER RATE SURVEY
Source and Projected Rate Increase Data
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

City	Water Source	Projected Rate Increases			
		2024	2025	2026	2027
Altoona	Cambrian-Ordovician aquifer	--	--	--	--
American Water	Cambrian-Ordovician aquifers	--	--	--	--
Ames	Ames aquifer	0.0%	9.0%	0.0%	9.0%
Ankeny	DMWW (Des Moines and Raccoon Rivers)	8.0%	8.0%	8.0%	8.0%
Boone	Middle Des Moines River sand and gravel alluvial aquifer	3.0%	3.0%	3.0%	3.0%
Burlington	80% Mississippi River, 20% from 3 wells in the Pleistocene aquifer	5.0%	5.0%	5.0%	5.0%
Carroll	Pleistocene & Dakota Sandstone aquifers, Middle Raccoon River	0.0%	0.0%	0.0%	0.0%
Cedar Falls	Silurian-Devonian aquifer	7.9%	7.5%	3.9%	3.9%
Cedar Rapids	Cedar River	--	--	--	--
Clive	Des Moines Water Works (Des Moines/Raccoon Rivers)	TBD	TBD	TBD	TBD
Coralville	Jordan (Cambrian-Ordovician), Silurian, and Pleistocene aquifers	5.50%	5.20%	TBD	TBD
Council Bluffs	Missouri River and Missouri River Alluvium	0.0%	5.0%	0.0%	5.0%
Des Moines	Raccoon River, Des Moines River, and an Infiltration Gallery; Alluvial & Cambrian-Ordovician aquifer	TBD	TBD	TBD	TBD
Dubuque	Cambrian-Ordovician, Mt. Simon, and Alluvial aquifers	--	--	--	--
Fort Dodge	Cambrian-Ordovician and Mississippian aquifers	--	--	--	--
Fort Madison	Mississippi Alluvial aquifer treated by RO	2.0%	2.0%	2.0%	--
Grimes	Sand and gravel of the Alluvial aquifer, sandstone and dolomite of the Cambrian-Ordovician aquifer*	2.5%	2.5%	2.5%	--
Indianola	Cambrian-Jordan Sandstone aquifer	TBD	TBD	TBD	TBD
Iowa City	Alluvial aquifer	--	--	--	--
Johnston	DMWW (Des Moines and Raccoon Rivers)	--	--	--	--
Keokuk	Mississippi River and its tributaries	5.0%	5.0%	5.0%	5.0%
Le Mars	Dakota Sandstone aquifer	--	--	--	--
Marion	Jordan and Silurian aquifers	5.0%	5.0%	5.0%	5.0%
Marshalltown	Mississippi and Pleistocene aquifers	8.0%	8.0%	8.0%	8.0%
Mason City	Cambrian-Ordovician aquifer	2.5%	2.5%	2.5%	5.0%
Muscatine	Muscatine Island aquifer	--	--	--	--
Newton	Over 75% South Skunk River sand and gravel alluvial aquifer, under 25% Jordan (Cambrian-Ordovician) aquifer	--	--	--	--
North Liberty	Jordan and Silurian aquifers	--	--	--	--
Norwalk	DMWW, Alluvial and Cambrian-Ordovician aquifer	4.0%	4.0%	4.0%	4.0%
Oskaloosa	Alluvial wells located on the South Skunk River	5.0%	5.0%	5.0%	5.0%
Ottumwa	Des Moines River and the Ottumwa Reservoir*	6.0%	--	--	--
Pella	Sand and gravel of the Alluvial aquifer, sandstone and dolomite of the Cambrian-Ordovician aquifer*	--	--	--	--
Pleasant Hill	Des Moines Water Works (Des Moines/Raccoon Rivers)	--	--	--	--
Sioux City	Missouri Alluvium and the Dakota sandstone aquifer	--	--	--	--
Spencer	Ocheyedan-Little Sioux aquifer	--	--	--	--
Storm Lake	Buried sand and gravel of the Buried Sand and Gravel aquifer, sandstone and dolomite of the Cambrian-Ordovician aquifer, and the sandstone of the Dakota aquifer	7.0%	7.0%	7.0%	7.0%
Urbandale	Des Moines Water Works (Des Moines/Raccoon Rivers)	5.0%	5.0%	5.0%	5.0%
Waterloo	Cedar Valley and alluvial aquifers	2.0%	2.0%	2.0%	2.0%
Waukee	Des Moines Water Works (Des Moines/Raccoon Rivers)	3.0%	3.0%	3.0%	3.0%
Waverly	Groundwater wells that draw water from the Silurian-Devonian aquifer	3.0%	TBD	TBD	TBD
West Des Moines	Wells (Raccoon River Alluvial and Jordan aquifers), DMWW	TBD	TBD	TBD	TBD

*All or some data obtained from CCR or Website (due to no answer or for clarification)

2023 WATER RATE SURVEY
Projected Rate Increases
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

2024		2025		2026		2027	
Ankeny	8.0%	Ames	9.0%	Ankeny	8.0%	Ames	9.0%
Marshalltown	8.0%	Ankeny	8.0%	Marshalltown	8.0%	Ankeny	8.0%
Cedar Falls	7.9%	Marshalltown	8.0%	Storm Lake	7.0%	Marshalltown	8.0%
Storm Lake	7.0%	Cedar Falls	7.5%	Burlington	5.0%	Storm Lake	7.0%
Ottumwa	6.0%	Storm Lake	7.0%	Keokuk	5.0%	Burlington	5.0%
Coralville	5.5%	Coralville	5.2%	Marion	5.0%	Council Bluffs	5.0%
Burlington	5.0%	Burlington	5.0%	Oskaloosa	5.0%	Keokuk	5.0%
Keokuk	5.0%	Council Bluffs	5.0%	Urbandale	5.0%	Marion	5.0%
Marion	5.0%	Keokuk	5.0%	Norwalk	4.0%	Mason City	5.0%
Oskaloosa	5.0%	Marion	5.0%	Cedar Falls	3.9%	Oskaloosa	5.0%
Urbandale	5.0%	Oskaloosa	5.0%	Boone	3.0%	Urbandale	5.0%
Norwalk	4.0%	Urbandale	5.0%	Waukee	3.0%	Norwalk	4.0%
Boone	3.0%	Norwalk	4.0%	Grimes	2.5%	Cedar Falls	3.9%
Waukee	3.0%	Boone	3.0%	Mason City	2.5%	Boone	3.0%
Waverly	3.0%	Waukee	3.0%	Fort Madison	2.0%	Waukee	3.0%
Grimes	2.5%	Grimes	2.5%	Waterloo	2.0%	Waterloo	2.0%
Mason City	2.5%	Mason City	2.5%	Ames	0.0%	Carroll	0.0%
Fort Madison	2.0%	Fort Madison	2.0%	Carroll	0.0%	Clive	TBD
Waterloo	2.0%	Waterloo	2.0%	Council Bluffs	0.0%	Coralville	TBD
Ames	0.0%	Carroll	0.0%	Clive	TBD	Des Moines	TBD
Carroll	0.0%	Clive	TBD	Coralville	TBD	Indianola	TBD
Council Bluffs	0.0%	Des Moines	TBD	Des Moines	TBD	Waverly	TBD
Clive	TBD	Indianola	TBD	Indianola	TBD	West Des Moines	TBD
Des Moines	TBD	Waverly	TBD	Waverly	TBD	Altoona	--
Indianola	TBD	West Des Moines	TBD	West Des Moines	TBD	American Water	--
West Des Moines	TBD	Altoona	--	Altoona	--	Cedar Rapids	--
Altoona	--	American Water	--	American Water	--	Dubuque	--
American Water	--	Cedar Rapids	--	Cedar Rapids	--	Fort Dodge	--
Cedar Rapids	--	Dubuque	--	Dubuque	--	Fort Madison	--
Dubuque	--	Fort Dodge	--	Fort Dodge	--	Grimes	--
Fort Dodge	--	Iowa City	--	Iowa City	--	Iowa City	--
Iowa City	--	Johnston	--	Johnston	--	Johnston	--
Johnston	--	Le Mars	--	Le Mars	--	Le Mars	--
Le Mars	--	Muscatine	--	Muscatine	--	Muscatine	--
Muscatine	--	Newton	--	Newton	--	Newton	--
Newton	--	North Liberty	--	North Liberty	--	North Liberty	--
North Liberty	--	Ottumwa	--	Ottumwa	--	Ottumwa	--
Pella	--	Pella	--	Pella	--	Pella	--
Pleasant Hill	--	Pleasant Hill	--	Pleasant Hill	--	Pleasant Hill	--
Sioux City	--	Sioux City	--	Sioux City	--	Sioux City	--
Spencer	--	Spencer	--	Spencer	--	Spencer	--
MEDIAN	4.5%	MEDIAN	5.00%	MEDIAN	3.90%	MEDIAN	5.00%

2023 WATER RATE SURVEY
Supply Chain Disruptions & Cost Increases
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

City	Type of Supply Chain Disruption	Associated Cost Increases
Altoona	No response	No response
American Water Co.	No response	No response
Ames	Extended delivery times for meters and generators.	None
Ankeny	Meters appear to be getting hard to get, but so far we are OK. Electrical components are crazy long lead times.	Labor costs have seemed to increase anywhere from 20 - 30%
Bettendorf	See American Water Co.	See American Water Co.
Boone	Most everything is available except meter, and electronics.	12-15% increase this year on water meters as well as most brass and cast parts.
Burlington	None	Increase in chemicals.
Carroll	Fire hydrant delivery	35% increase in treatment chemical costs
Cedar Falls	Lead time on meters, ductile iron pipe, and fire hydrants.	Ductile iron pipe 30-40% increase. Fire hydrants 75% increase.
Cedar Rapids	No response	No response
Clinton	See American Water Co.	See American Water Co.
Clive	None	None
Coralville	Meter lead times are much more noticeable than before.	The noticeable cost increases we are seeing is in regards to contracted work (like excavation, concrete work, etc.).
Council Bluffs	Some chemicals and supplies have taken a longer time to receive.	Cost of materials have increased and shipping cost.
Davenport	See American Water Co.	See American Water Co.
Des Moines	While things have gotten better over the last year, we are still seeing longer lead times for certain products. Seems that anything electronic; meters, batteries, pumps etc, lead times are still much longer than before, sometimes double the time.	While Chemical expenses had been up 50-70% in 2023, we are seeing chemical prices stabilize for the 2024 budget. We are anticipating closer to a 20% increase in 2024 over 2023.
Dubuque	No response	No response
Fort Dodge	No response	No response
Fort Madison	No response	No response
Grimes	We have at times experienced shortages on certain water meters and radio readers.	Freight and delivery charges have increased on chemicals.
Indianola	None	None
Iowa City	No response	No response
Johnston	Delays in construction projects.	None
Keokuk	None	2023: Lime +15%, Carbon +12%, Phosphate +6%. Ammonia -8%, Alum -3%
Le Mars	No response	No response
Marion	Ordering new custom work trucks, one year out. Larger meters take 6-8 months to get.	Electric costs are very high even when one of your water plants is offline for 6+ months.
Marshalltown	None	None
Mason City	None	None
Muscatine	No response	No response
Newton	No response	No response
North Liberty	No response	No response
Norwalk	None	None
Oskaloosa	None	None
Ottumwa	Chemicals for water treatment; Hydro dam repairs - FERC	None
Pella	No response	No response
Pleasant Hill	No response	No response
Sioux City	None	None
Spencer	No response	No response
Storm Lake	None	None
Urbandale	Meters are slow incoming keeping up with new, but replacement has been minimized.	All cost are going up 15 and 20%.
Waterloo	Still issues with getting meters and MXU's. Had to change chemical suppliers to try and maintain reasonable price.	Construction costs are up 30% - 40% in the last two or three years as well as chemical costs being sometimes 100% or more higher than prices from 2019-2020.
Waukeke	AMI end points and various other maintenance parts unavailable and/or longer than typical lead times (months vs days)	None
Waverly	None	None
West Des Moines	None	None

2023 SEWER RATE SURVEY
Additional Rate Information
Iowa Cities (Population 10,000+)

Prepared by the City of Ames, Iowa

City	Estimated Population	Rate Effective	Range in Rate Steps	Minimum Bill \$/Month ø (0 CF)	CF included on Minimum Bill
Altoona	21,503	Jul. 2023	9.82 flat per 134 CF	14.82	0
Ames	66,950	Jul. 2022	3.11 flat per 100 CF	12.16	0
Ankeny	72,222	Jul. 2022	6.46 flat per 134 CF	17.49	0
Bettendorf	39,548	Apr. 2023	3.84 flat per 100 CF	2.00	0
Boone	12,406	Jul. 2023	8.21 flat per 100 CF	3.09	0
Burlington	23,611	Jul. 2023	8.20 flat per 134 CF	20.55	0
Carroll	10,184	Jul. 2023	4.59 flat per 100 CF	8.81	0
Cedar Falls	40,746	Jul. 2023	4.40 flat per 100 CF over min.	24.55	200
Cedar Rapids	136,429	Jul. 2023	2.8323 flat per 100 CF over min.	21.28	200
Clinton	24,391	Jul. 2019	9.63 flat per 100 CF over min.	9.63	100
Clive	18,908	May 2023	6.47 flat per 134 CF	8.49	0
Coralville	23,125	Jul. 2019	4.40 flat per 100 CF over min.	13.75	200
Council Bluffs	62,405	Jul. 2023	4.22 flat per 100 CF over min.	13.69	300
Davenport Δ	100,486	Jul. 2023	6.01 flat per 100 CF	12.45	0
Des Moines	211,034	Jul. 2023	8.84 flat per 134 CF	4.40	0
Dubuque	58,873	Jul. 2023	8.38 flat per 134 CF over min.	12.54	200
Fort Dodge	24,657	Jan. 2023	3.76 flat per 134 CF over min.	41.93	400
Fort Madison	10,134	Jul. 2023	6.25 flat per 134 CF	27.06	0
Grimes	16,295	Jul. 2023	8.84 flat per 134 CF	8.84	134
Indianola	16,069	Jun. 2023	11.50 flat per 134 CF over min.	25.00	134
Iowa City	75,233	Jul. 2023	4.07 flat per 100 CF over min.	8.31	100
IA Great Lakes		Dec. 2007	1.35 flat per 134 CF	5.00	0
Johnston	24,390	Jul. 2023	7.09 flat per 134 CF	7.67	0
Keokuk	9,623	Jul. 2023	7.36 flat per 134 CF over min.	33.42	268
Le Mars	10,605	Jul. 2023	2.5824 flat per 134 CF	9.36	0
Marion	41,864	Jul. 2022	6.00 flat per 100 CF	4.00	0
Marshalltown	27,433	Jan. 2023	3.14 flat per 100 CF	24.23	0
Mason City	26,924	Jul. 2023	2.75 flat per 100 CF	11.35	0
Muscatine	23,413	Jul. 2023	3.24 flat per 100 CF over min.	33.28	300
Newton	15,688	Jul. 2023	4.88 flat per 100 CF over min.	15.15	200
North Liberty	21,399	Jul. 2020	5.63 flat per 134 CF over min.	31.24	134
Norwalk	14,177	Jul. 2023	10.64 flat per 134 CF	8.00	0
Oskaloosa	11,482	Mar. 2022	9.83 flat per 100 CF	23.60	0
Ottumwa	25,175	Jul. 2022	6.00 flat per 100 CF	18.25	0
Pella	10,744	Jul. 2020	5.36 flat per 134 CF	21.42	0
Pleasant Hill	11,186	Jul. 2023	7.65 to 5.51 per 134 CF	12.82	0
Sioux City	85,497	Jul. 2023	5.79 flat per 100 CF over min.	15.45	200
Spencer	11,413	Jul. 2023	5.14 to 4.62 per 134 CF	38.03	0
Storm Lake	11,307	Jul. 2023	4.91 flat per 134 CF	25.54	0
Urbandale	46,648	Jul. 2021	5.05 flat per 134 CF	3.00	0
Waterloo	66,562	Jul. 2023	3.22 flat per 100 CF over min.	20.09	300
Waukee	29,167	Jul. 2023	12.04 flat per 134 CF over min.	15.94	134
Waverly	10,522	Jun. 2023	7.84 flat per 100 CF over min.	19.21	245
West Des Moines	70,741	Jul. 2021	6.35 flat per 134 CF	3.77	0

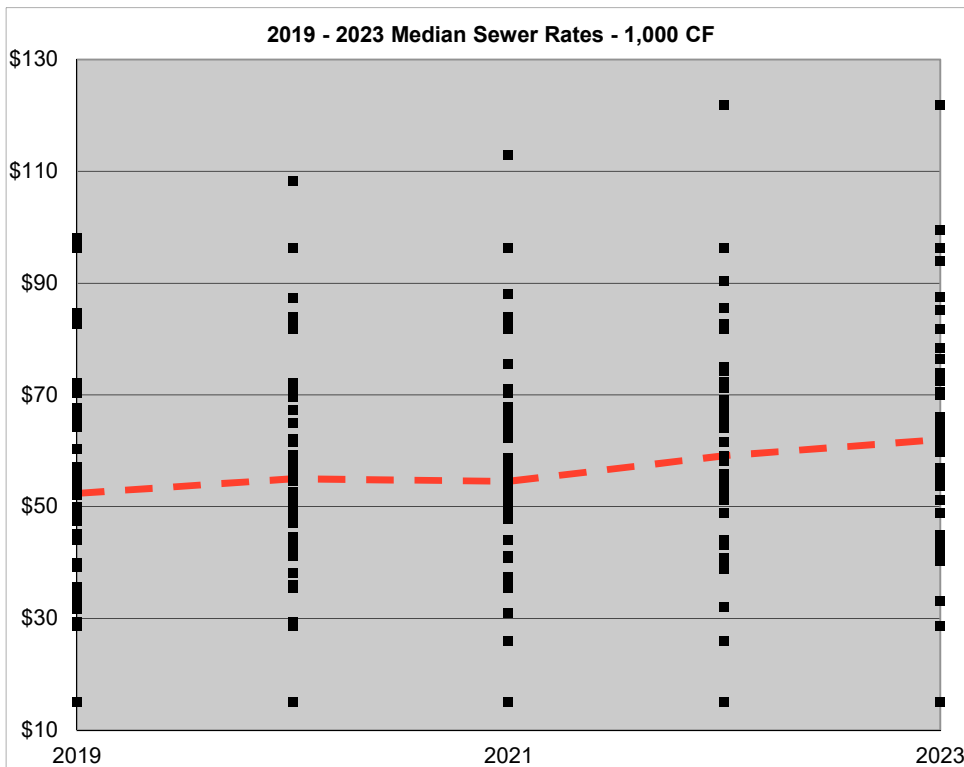
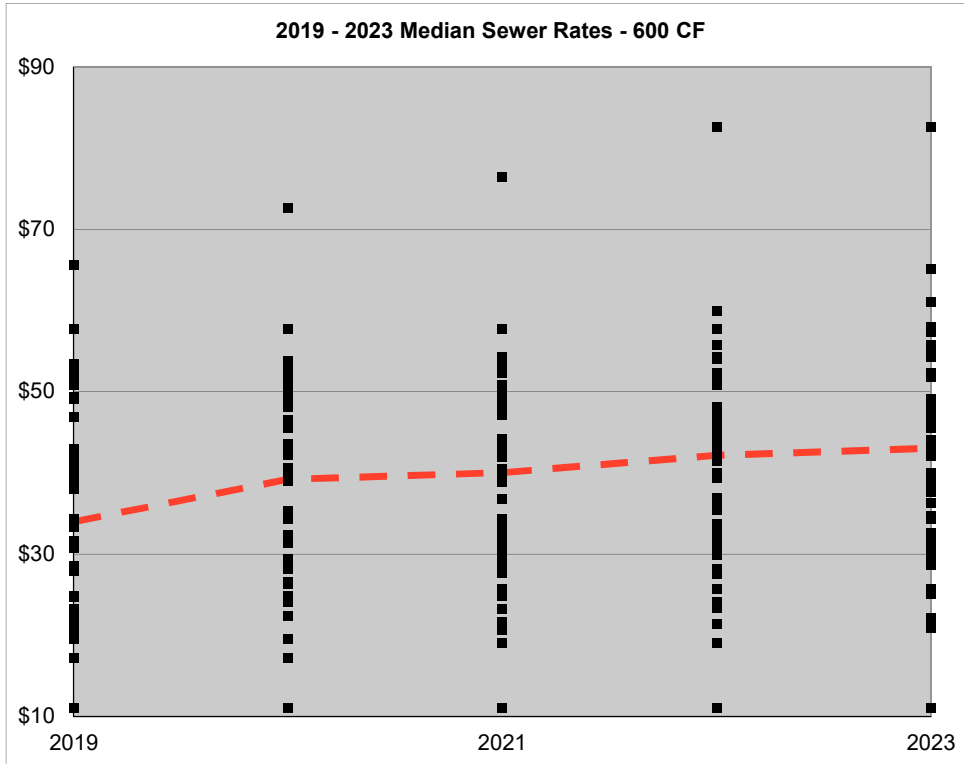
ø This amount is for 0 CF (residential) used. It includes any base rate, admin fee, availability fee, minimum monthly charge, etc.

Δ Davenport offers quarterly billing; minimum bill amount for 0 CF would be \$10.45/mo.

2023 SEWER RATE SURVEY
All Wastewater Plants
Iowa Cities (Population 10,000+)
 Prepared by the City of Ames, Iowa

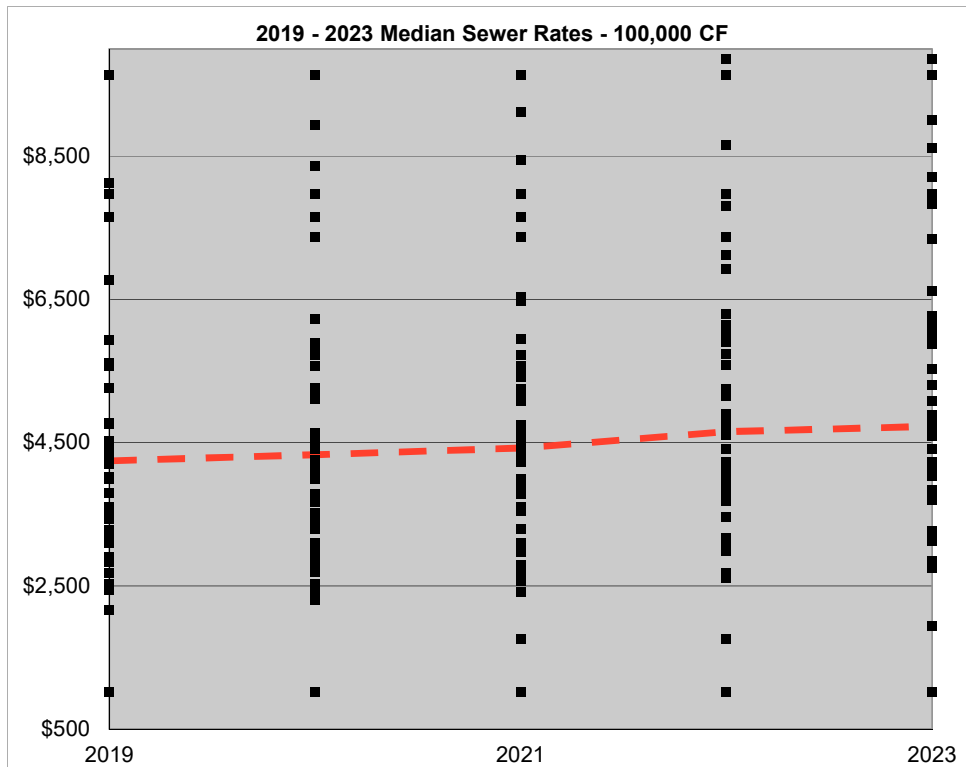
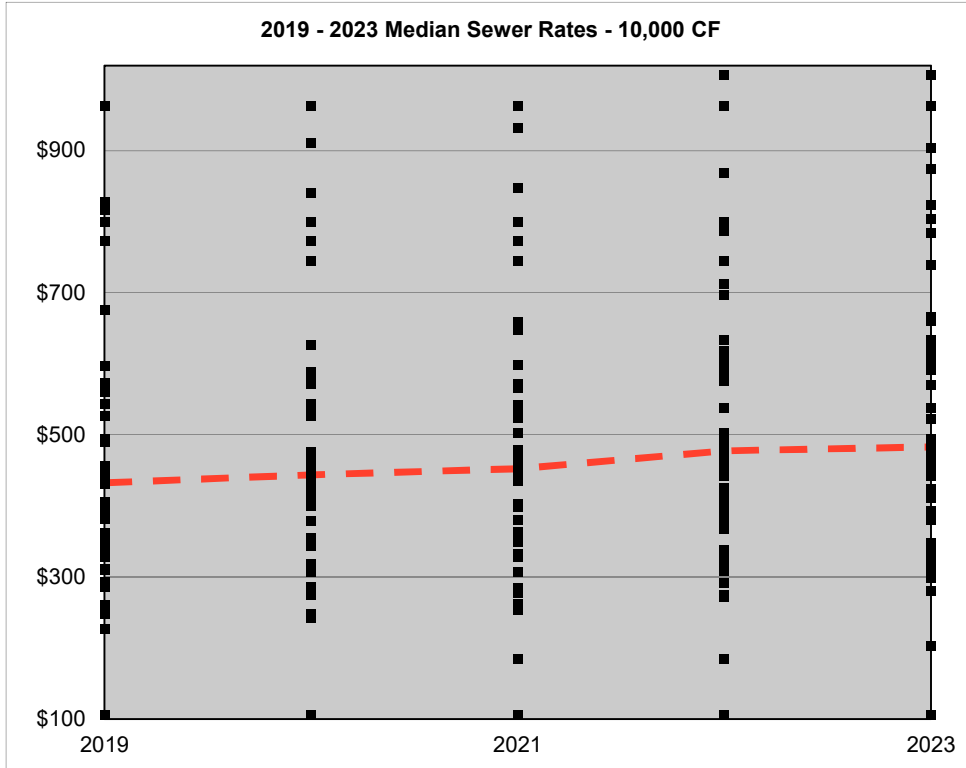
0 CF	600 CF	1,000 CF	10,000 CF	50,000 CF	100,000 CF
Fort Dodge 41.93	Oskaloosa 82.58	Oskaloosa 121.90	Oskaloosa 1,006.60	Oskaloosa 4,939	Oskaloosa 9,854
Spencer 38.03	Indianola 65.11	Indianola 99.53	Clinton 963.00	Clinton 4,815	Clinton 9,630
Keokuk 33.42	Spencer 61.10	Clinton 96.30	Waukeke 904.55	Waukeke 4,507	Waukeke 9,010
Muscatine 33.28	Waukeke 57.94	Waukeke 93.97	Indianola 873.76	Indianola 4,315	Indianola 8,616
North Liberty 31.24	Clinton 57.78	Norwalk 87.60	Boone 824.09	Boone 4,108	Boone 8,213
Fort Madison 27.06	Burlington 57.35	Boone 85.19	Norwalk 803.93	Norwalk 3,988	Norwalk 7,967
Storm Lake 25.54	Norwalk 55.75	Burlington 81.89	Waverly 784.00	Waverly 3,920	Waverly 7,840
Indianola 25.00	Fort Madison 55.11	Altoona 78.46	Altoona 739.59	Altoona 3,678	Altoona 7,351
Cedar Falls 24.55	Ottumwa 54.25	Waverly 78.40	Des Moines 665.68	Des Moines 3,311	Des Moines 6,617
Marshalltown 24.23	Boone 52.35	Ottumwa 78.25	Grimes 661.28	Grimes 3,306	Grimes 6,613
Oskaloosa 23.60	Keokuk 51.82	Spencer 76.48	Burlington 633.95	Dubuque 3,134	Dubuque 6,269
Pella 21.42	Altoona 49.07	Keokuk 73.90	Dubuque 626.87	Burlington 3,088	Burlington 6,155
Cedar Rapids 21.28	Davenport 48.51	Fort Madison 73.82	Ottumwa 618.25	Ottumwa 3,018	Davenport 6,022
Burlington 20.55	North Liberty 48.13	Davenport 72.55	Davenport 613.45	Davenport 3,017	Ottumwa 6,018
Waterloo 20.09	Storm Lake 47.58	Des Moines 70.53	Marion 604.00	Marion 3,004	Marion 6,004
Waverly 19.21	Pleasant Hill 47.15	Pleasant Hill 70.05	Sioux City 591.82	Sioux City 2,941	Sioux City 5,874
Ottumwa 18.25	Waverly 47.04	Grimes 66.13	Keokuk 570.70	Keokuk 2,779	Keokuk 5,539
Ankeny 17.49	Ankeny 46.48	Ankeny 65.82	Johnston 538.04	Johnston 2,660	Johnston 5,311
Waukeke 15.94	Fort Dodge 45.69	North Liberty 65.02	Ankeny 522.53	Ankeny 2,535	Ankeny 5,090
Sioux City 15.45	Pella 45.48	Marion 64.00	Fort Madison 494.59	Newton 2,445	Newton 4,885
Newton 15.15	Des Moines 44.07	Dubuque 62.69	Newton 493.39	Clive 2,428	Clive 4,848
Altoona 14.82	Marshalltown 43.07	Storm Lake 62.27	Clive 487.27	West Des Moines 2,379	West Des Moines 4,754
Coralville 13.75	Muscatine 43.00	Sioux City 61.77	West Des Moines 478.78	Fort Madison 2,365	Fort Madison 4,702
Council Bluffs 13.69	Cedar Falls 42.15	Pella 61.52	Carroll 467.81	Carroll 2,304	Carroll 4,599
Pleasant Hill 12.82	Marion 40.00	Johnston 60.71	Pleasant Hill 467.80	Cedar Falls 2,216	Cedar Falls 4,416
Dubuque 12.54	Grimes 39.67	Cedar Falls 59.75	Cedar Falls 455.75	Coralville 2,205	Coralville 4,405
Davenport 12.45	Johnston 39.49	Fort Dodge 56.97	Coralville 444.95	North Liberty 2,131	North Liberty 4,237
Ames 12.16	Sioux City 38.61	Muscatine 55.96	North Liberty 442.23	Pleasant Hill 2,117	Council Bluffs 4,220
Mason City 11.35	Dubuque 37.61	Marshalltown 55.63	Spencer 424.75	Council Bluffs 2,110	Pleasant Hill 4,177
Clinton 9.63	Carroll 36.35	Carroll 54.71	Pella 422.38	Iowa City 2,039	Iowa City 4,074
Le Mars 9.36	Newton 34.67	Newton 54.19	Council Bluffs 422.00	Pella 2,026	Pella 4,031
Grimes 8.84	Clive 34.37	Clive 53.78	Iowa City 411.24	Bettendorf 1,922	Bettendorf 3,842
Carroll 8.81	Cedar Rapids 32.61	West Des Moines 51.27	Storm Lake 392.83	Urbandale 1,892	Spencer 3,788
Clive 8.49	West Des Moines 32.27	Coralville 48.95	Bettendorf 386.00	Spencer 1,886	Urbandale 3,781
Iowa City 8.31	Coralville 31.35	Iowa City 44.94	Urbandale 380.77	Storm Lake 1,862	Storm Lake 3,698
Norwalk 8.00	Ames 30.82	Cedar Rapids 43.94	Muscatine 347.56	Muscatine 1,644	Muscatine 3,264
Johnston 7.67	Waterloo 29.75	Ames 43.26	Marshalltown 338.23	Waterloo 1,620	Waterloo 3,230
Iowa Great Lakes Sanitary District 5.00	Iowa City 28.66	Waterloo 42.63	Waterloo 332.43	Marshalltown 1,594	Marshalltown 3,164
Des Moines 4.40	Urbandale 25.66	Council Bluffs 42.20	Ames 323.16	Ames 1,567	Ames 3,122
Marion 4.00	Council Bluffs 25.32	Urbandale 40.78	Fort Dodge 308.89	Fort Dodge 1,437	Cedar Rapids 2,848
West Des Moines 3.77	Bettendorf 25.04	Bettendorf 40.40	Cedar Rapids 298.85	Cedar Rapids 1,432	Fort Dodge 2,843
Boone 3.09	Mason City 22.17	Mason City 33.17	Mason City 280.67	Mason City 1,381	Mason City 2,756
Urbandale 3.00	Le Mars 20.95	Le Mars 28.68	Le Mars 202.54	Le Mars 975	Le Mars 1,941
Bettendorf 2.00	Iowa Great Lakes Sanitary District 11.06	Iowa Great Lakes Sanitary District 15.10	Iowa Great Lakes Sanitary District 105.99	Iowa Great Lakes Sanitary District 510	Iowa Great Lakes Sanitary District 1,015
High 41.93	High 82.58	High 121.90	High 1,006.60	High 4,939	High 9,854
Median 14.29	Median 43.04	Median 62.02	Median 483.03	Median 2,372	Median 4,728
Low 2.00	Low 11.06	Low 15.10	Low 105.99	Low 510	Low 1,015

2023 SEWER RATE SURVEY
Median Sewer Rates
Historical Comparison 2019 - 2023
Iowa Cities (Population 10,000+)
 Prepared by the City of Ames, Iowa



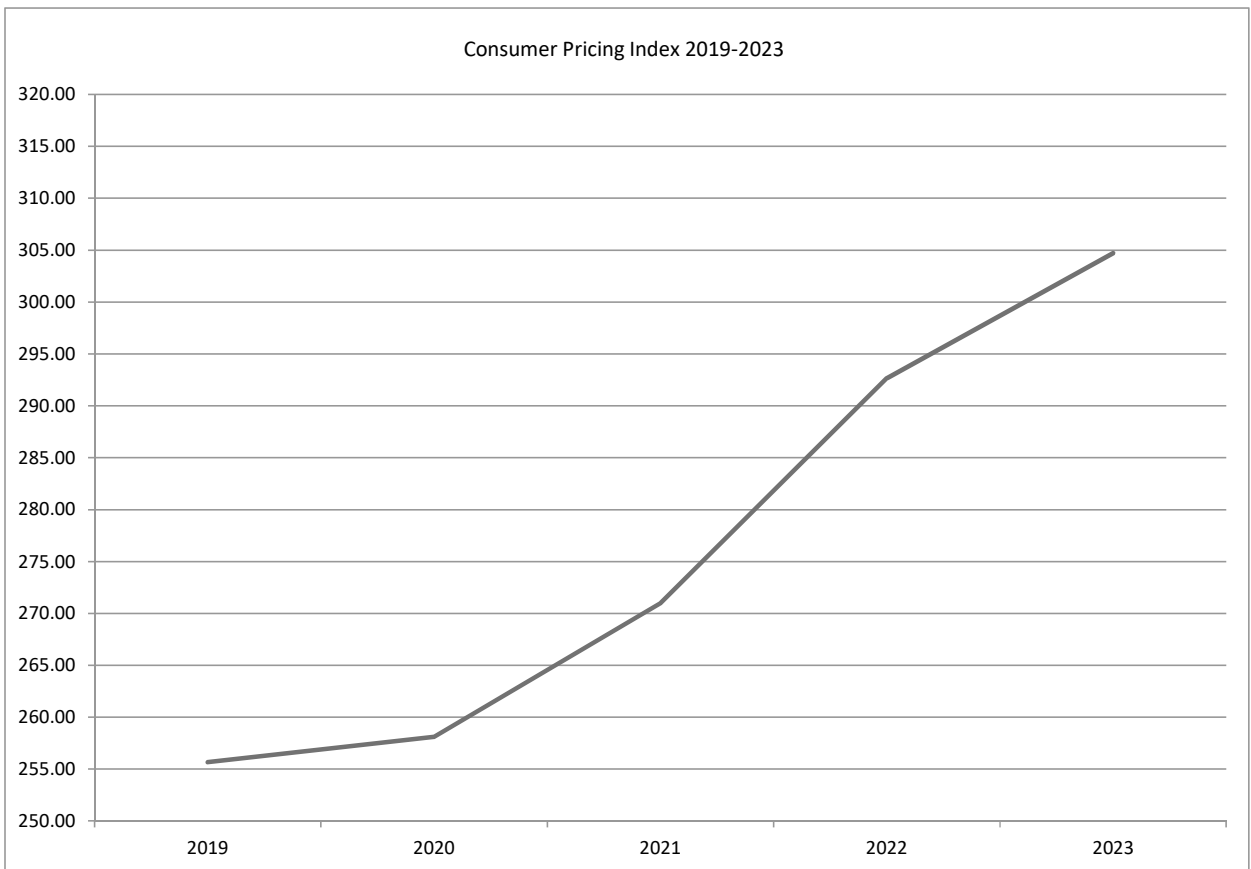
--- Median

2023 SEWER RATE SURVEY
Median Sewer Rates
Historical Comparison 2019 - 2023
Iowa Cities (Population 10,000+)
 Prepared by the City of Ames, Iowa



--- Median

2023 SEWER RATE SURVEY
Median Sewer Rates
Historical Comparison 2019 - 2023
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa



2023 SEWER RATE SURVEY
Projected Rate Increase Data
Iowa Cities (Population 10,000+)

Prepared by the City of Ames, IA

City	Projected Rate Increases			
	2024	2025	2026	2027
Altoona	--	--	--	--
Ames	7.0%	0.0%	9.0%	0.0%
Ankeny	--	--	--	--
Bettendorf	--	--	--	--
Boone	3.0%	3.0%	3.0%	3.0%
Burlington	--	--	--	--
Carroll	--	--	--	--
Cedar Falls	7.0%	7.0%	7.0%	--
Cedar Rapids	--	--	--	--
Clinton	--	--	--	--
Clive	--	--	--	--
Coralville	--	--	--	--
Council Bluffs	8.0%	8.0%	TBD	TBD
Davenport	5.0%	5.0%	TBD	TBD
Des Moines	5.0%	3.0%	3.0%	3.0%
Dubuque	--	--	--	--
Fort Dodge	--	--	--	--
Fort Madison	2.0%	--	--	--
Grimes	7.5%	7.5%	7.5%	TBD
Indianola	25.0%	0.0%	0.0%	0.0%
Iowa City	--	--	--	--
Iowa Great Lakes Sanitary District	--	--	--	--
Johnston	8.9%	--	--	--
Keokuk	--	--	--	--
Le Mars	--	--	--	--
Marion	--	--	--	--
Mashalltown	1.0%	--	--	--
Mason City	12.0%	9.0%	9.0%	9.0%
Muscatine	3.0%	3.0%	3.0%	3.0%
Newton	5.0%	5.0%	5.0%	5.0%
North Liberty	--	--	--	--
Norwalk	--	--	--	--
Oskaloosa	0.0%	3.0%	3.0%	3.0%
Ottumwa	--	--	--	--
Pella	--	--	--	--
Pleasant Hill	--	--	--	--
Sioux City	--	--	--	--
Spencer	2.5%	--	--	--
Storm Lake	7.0%	7.0%	7.0%	7.0%
Urbandale	--	--	--	--
Waterloo	--	--	--	--
Waukee	--	--	--	--
Waverly	2.5%	TBD	TBD	TBD
West Des Moines	--	--	--	--

2023 SEWER RATE SURVEY
Special Programs, Facility Info, and NPDES Nutrient Reduction Requirements
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, IA

City	FOG Program?	Pretreatment Program?	Outfall Receiving Stream	Hauled Waste Fees	NPDES Nutrient Requirements	NPDES Nutrient Req. Cost Implementation
Altoona	Y*	Y*	Little Four Mile Creek, Spring Creek	See DSM - WRA	--	--
Ames	Y	Y	Skunk River	Domestic: \$9.08/Load + \$4.38/100 gal.; Restaurants: \$60.19/Load + \$3.52/100 gal.; Non-Domestic: \$9.08/Load + unit rate TBD	Not required at this time. Study complete.	Currently, ~\$80M for nutrient and headworks improvements (over 12 years).
Ankeny	Y*	Y*	Four Mile Creek	See DSM - WRA	--	--
Bettendorf	N	N	Mississippi River at Davenport WWTP	Not accepted	--	--
Boone	N	Y	Honey Creek	>100 mg/l = \$1.47/lb.	Not required at this time.	--
Burlington	N	Y	Mississippi River	Domestic Septic: Rate Steps \$201-\$1,046/up to 4k gal.; Non-Domestic Septic: Rate Steps \$301-\$1,570/up to 4k gal.; Domestic FOG: Rate Steps \$76-\$1,036/up to 2k gal.; Non-Domestic FOG Rate Steps \$117-\$1,554/up to 2k gal.	--	--
Carroll	N	N	Unnamed Creek to Raccoon River	Not accepted	--	--
Cedar Falls	N	Y	Cedar River	--	Required. Study complete.	\$85M - \$113M (2019)
Cedar Rapids	N	Y	Cedar River	Septic: \$139.40/1,000 gal.; Portable Toilet Waste: \$112.97/1,000 gal.; Grease (FOG): \$197.87/1,000 gal.	Required. Study complete.	Nutrient Reduction Feasibility Study ~\$1.4M. 15 year phase plan for solids handling and nutrient reduction ~\$400M. O&M costs ~ \$2.5M reduction as phase plan is implemented over 15 years.
Clinton	Y	Y	Beaver Slough/Mississippi River	Not accepted	--	--
Clive	Y*	Y*	Walnut Creek	See DSM - WRA	--	--
Coralville	N	N	Iowa River	Not accepted	Required. Study not complete.	--
Council Bluffs	N	Y	Missouri River	\$50.00/1,000 gal.	Required. Study not complete.	New study to be submitted by end of 2023. Previous review estimated the capital cost of nutrient reduction at over \$50M.
Davenport	N	Y	Mississippi River	Domestic Septic: \$40/1,000 gal.; Non-Domestic Septic: \$60/1,000 gal.; \$8.00/1,000 gal. for high strength	Not required at this time.	\$145M for capital and \$1M of O&M chemical cost annually to implement phosphorus.
Des Moines	Y	Y	Des Moines River	Domestic: \$143/1,000 gal.; Non-Domestic: \$214/1,000 gal.; FOG Rate: \$35/1,000 gal.	Not required at this time.	--
Dubuque	Y	Y	Mississippi River	--	--	--
Fort Dodge	N	Y	Des Moines River	>100mg/l = \$1.41/lb.	--	--
Fort Madison	N	Y	Mississippi River	TBD	--	--
Grimes	Y*	Y*	Little Beaver Creek	See DSM - WRA	--	--
Indianola	N	N	Cavitt Creek	Not accepted	Required. Study complete.	Feasibility study was done in conjunction with the design of our new wastewater facility.
Iowa City	N	Y	Iowa River	Holding tank waste: \$907 annual permit fee. \$32/1,000 gal.	--	--
Iowa Great Lakes Sanitary District	--	--	Milford Creek	Not accepted	--	--
Johnston	Y*	Y*	Des Moines River	See DSM - WRA	Not required.	--
Keokuk	N	Y	Mississippi River	Septage: TBD	--	--
Le Mars	N	N	Floyd River	>100 mg/l = \$0.6064/lb.	--	--
Marion				***See Cedar Rapids ** Contractual agreement for treatment services with City of Cedar Rapids***		
Marshalltown	N	Y	Iowa River	Septage Waste: \$118/1,000 gal.; Domestic Grease: \$135/1,000 gal.; Non-Domestic Grease: \$270/1,000 gal.; Additional \$10 fee per load if not full load.	Required. Study complete.	To be completed in 2024. \$9.6M Capital Cost with \$1.1M Annual Operating
Mason City	N	Y	Winnebago River	Domestic \$30/1,000 gal.; Non-Domestic: \$45/1,000 gal.	Required. Study complete.	\$26.5M in improvements to be completed in FY2026.
Muscatine	Y	Y	Mississippi River	Domestic \$30/1,000 gal.; Non-Domestic: \$60/1,000 gal.	--	--
Newton	Y	N	Sewer Creek to S. Skunk River	Domestic Grease: \$605.10/1,000 gal.; Non-Domestic Grease: \$907.65/1,000 gal.; Domestic Septage: \$403.40/1,000 gal.; Non-Domestic Septage: \$605.10/1,000 gal.; Min Grease/Septage Load: 100 gal.	Not required. Study complete.	Capitol cost of \$15.1M to \$61.9M; Annual Operating cost of \$1.7M to 5.1M; Not currently feasible.
North Liberty	N	N	Muddy Creek	Not accepted	Not required at this time.	--
Norwalk	Y*	Y*	North River	See DSM - WRA	--	--
Oskaloosa	N	N	Des Moines and South Skunk Rivers	Domestic: \$100/1,000 gal.; Non-Domestic: \$150/1,000 gal.	Not required at this time.	--
Ottumwa	N	Y	Des Moines River	--	--	--
Pella	N	N	Unnamed Creek to Des Moines River	Domestic Septage: \$100/1,000 gal.; Non-Domestic Septage: \$200/1,000 gal.	Required. Study complete.	Wastewater Treatment Plant Improvements: \$6.7M
Pleasant Hill	Y*	Y*	Des Moines River	See DSM - WRA	--	--
Sioux City	Y	Y	Missouri River	Septage: \$43.73/load; Wastewater: \$160/1000 lbs.	--	--
Spencer	N	N	Little Sioux River	Not accepted	--	--
Storm Lake	N	N	Raccoon River	Not accepted	Not required at this time. Study complete.	--
Urbandale	Y*	Y*	Beaver Creek	See DSM - WRA	--	--
Waterloo	Y	Y	Cedar River	Domestic liquid waste: \$10 for 0-500 gal.; \$20 for 501-1000 gal.; \$20 for each additional 1000 gal.; Non-Domestic: Additional \$20 flat surcharge fee	--	--
Waukee	Y*	Y*	Sugar Creek	See DSM - WRA	--	--
Waverly	N	N	Cedar River	Domestic: \$50/1000 gal.; Non-Domestic: \$100/1000 gal.	Required. Study complete.	\$14.5 Million
West Des Moines	Y*	Y*	Raccoon River	See DSM - WRA	--	--

*Program administered by the DSM WRA

2023 SEWER RATE SURVEY
High Strength Surcharge Rates
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

City	COD	BOD ₅	CBOD ₅	TSS	NH ₃	TKN	TN	TP	FOG
Altoona	See DSM - WRA								
Ames	>550 mg/l = \$0.18/lb.	N/A	>250 mg/l = \$0.48/lb.	>300 mg/l = \$0.71/lb.	>30 mg/l = \$1.72/lb.	>45 mg/l = \$1.11/lb.	N/A	N/A	>300 mg/l = \$0.96/lb.
Ankeny	See DSM - WRA								
Bettendorf	N/A	>250 mg/l = TBD	N/A	>300 mg/l = TBD	N/A	N/A	N/A	N/A	N/A
Boone	N/A	>200 mg/l = \$0.89/lb.	N/A	>240 mg/l = \$0.40/lb.	N/A	N/A	N/A	N/A	>100 mg/l = \$1.47/lb.
Burlington	N/A	\$1.9268/lb.	N/A	\$1.6282/lb.	N/A	N/A	N/A	N/A	\$78-\$1,036/up to 2k gal.
Carroll	N/A	\$0.28/lb.	N/A	\$0.28/lb.	N/A	N/A	N/A	N/A	N/A
Cedar Falls	N/A	>300 mg/l = \$0.10/lb.	N/A	>300 mg/l = \$0.10/lb.	N/A	N/A	N/A	N/A	\$25/1,000 gal.
Cedar Rapids	N/A	N/A	>42 lbs./day = \$0.182/lb.	>52 lbs./day = \$0.169/lb.	N/A	>6 lbs./day = \$0.802/lb.	N/A	N/A	\$197.87/1,000 gal.
Clinton	N/A	>212 mg/l = \$93.16/100lbs.	N/A	>210 mg/l = \$101.67/100lbs.	>25 mg/l = \$299.39/100lbs.	N/A	N/A	N/A	N/A
Clive	See DSM - WRA								
Coralville	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Council Bluffs	N/A	>350 mg/l = \$0.291/lb.	N/A	>350 mg/l = \$0.596/lb.	N/A	N/A	N/A	N/A	>100 mg/l = \$0.291/lb.
Davenport	N/A	>250 mg/l = \$0.808/lb.	N/A	>300 mg/l = \$0.1761/lb.	N/A	N/A	N/A	N/A	N/A
Des Moines	N/A	>200 mg/l = \$0.17/lb.	>200 mg/l = \$0.17/lb.	>250 mg/l = \$0.20/lb.	>15 mg/l = \$0.49/lb.	>30 mg/l = \$0.49/lb.	N/A	N/A	>100 mg/L = \$0.10/lb.
Dubuque	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TBD
Fort Dodge	N/A	>250 mg/l = \$0.43/lb.	N/A	>250 mg/l = \$0.43/lb.	>20 mg/l = \$2.59/lb.	N/A	N/A	N/A	>100 mg/l = \$1.41/lb.
Fort Madison	\$0.40/lb.	\$0.81/lb.	N/A	\$0.85/lb.	>30 mg/l = \$2.57/lb.	N/A	N/A	N/A	TBD
Grimes	N/A	>250 mg/l = \$0.20/lb.	N/A	>250 mg/l = \$0.16/lb.	>50 mg/l = \$0.75/lb.	N/A	N/A	N/A	N/A
Indianola	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Iowa City	N/A	>300 mg/l = \$0.284 - \$0.425/lb.	N/A	\$0.227/lb.	N/A	N/A	N/A	N/A	N/A
Iowa Great Lakes Sanitary District	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Johnston	See DSM - WRA								
Keokuk	\$0.11/lb.	\$0.23/lb.	N/A	\$0.22/lb.	N/A	N/A	\$2.00/lb	\$2.00/lb	N/A
Le Mars	N/A	N/A	>200 mg/l = \$0.2262/lb.	>240 mg/l = \$0.2936/lb.	N/A	\$1.003/lb.	N/A	N/A	>100 mg/l = \$0.6064/lb.
Marion	N/A	>250 mg/l = \$0.85/lb.	N/A	>250 mg/l = \$0.105/lb.	N/A	>250 mg/l = \$0.27/lb.	N/A	N/A	N/A
Marshalltown	N/A	>200 mg/l = \$0.612/lb.	N/A	>200 mg/l = \$0.367/lb.	N/A	>75 mg/l = \$0.398/lb.	N/A	N/A	\$135/1,000 gal.
Mason City	N/A	>300 mg/l = \$0.17/lb.	N/A	N/A	N/A	N/A	N/A	N/A	\$30/1,000 gal.
Muscatine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$30/1,000 gal.
Newton	N/A	>200 mg/l = \$0.565/lb.	N/A	>240 mg/l = \$0.63/lb.	>50 mg/l = \$4.84/lb.	N/A	N/A	N/A	\$605.10/1,000 gal.
North Liberty	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Norwalk	See DSM - WRA								
Oskaloosa	N/A	\$0.48803/lb.	N/A	\$0.54262/lb.	\$2.11/lb.	N/A	N/A	N/A	\$100/1,000 gal.
Ottumwa	N/A	>300 mg/l = \$0.373/lb.	N/A	>300 mg/l = \$0.413/lb.	N/A	N/A	N/A	N/A	N/A
Pella	N/A	\$0.15/lb.	N/A	\$0.15/lb.	N/A	N/A	N/A	N/A	\$100/1,000 gal.
Pleasant Hill	See DSM - WRA								
Sioux City	N/A	>250 mg/l = \$0.31 - \$0.618/lb.	N/A	>300 mg/l = \$0.127 - \$0.253/lb.	N/A	>100 mg/l = \$0.63 lbs/day	N/A	N/A	>100 mg/l = \$0.213/lb - \$0.427/lb.
Spencer	N/A	>250 mg/l = \$0.66/lb.	N/A	>300 mg/l = \$0.30/lb.	>30 mg/l = \$2.03/lb.	N/A	N/A	N/A	N/A
Storm Lake	N/A	>200 mg/l = \$0.58/lb.	N/A	>200 mg/l = \$0.46/lb.	>30 mg/l = \$2.18/lb.	N/A	N/A	N/A	N/A
Urbandale	See DSM - WRA								
Waterloo	N/A	>300 mg/l = \$0.10/lb.	N/A	>350 mg/l = \$0.10/lb.	N/A	>30 mg/l = \$0.10/lb.	N/A	N/A	N/A
Waukee	See DSM - WRA								
Waverly	N/A	>40 lbs./day = \$7.08/lb.	N/A	>42 lbs./day = \$2.28/lb.	N/A	N/A	N/A	N/A	N/A
West Des Moines	See DSM - WRA								

2023 SEWER RATE SURVEY
Supply Chain Disruptions & Cost Increases
Iowa Cities (Population 10,000+)
Prepared by the City of Ames, Iowa

City	Type of Supply Chain Disruption	Associated Cost Increases
Altoona	No response	No response
American Water Co.	No response	No response
Ames	None	None
Ankeny	No response	No response
Bettendorf	No response	No response
Boone	It's hard to get parts in a timely manner.	Fuel charges and the hourly cost of vendors. The general cost of equipment has increased.
Burlington	No response	No response
Carroll	No response	No response
Cedar Falls	None	Large construction projects around the area have been 30% above engineers estimates.
Cedar Rapids	No response	No response
Clinton	No response	No response
Clive	No response	No response
Coralville	None	None
Council Bluffs	Long lead times on some construction materials. Worst examples are associated with pump station controls that have delivery dates exceeding one year.	Variable. Highest increases are approximately 20%.
Davenport	Most everything electrical, mechanical and chemical is taking twice as long to receive if it can be ordered.	35% increase in top-end rebuilds for generators; 19% increase per year in polymer expenses.
Des Moines	None	None
Dubuque	No response	No response
Fort Dodge	No response	No response
Fort Madison	No response	No response
Grimes	No response	No response
Indianola	None	None
Iowa City	No response	No response
Johnston	None	None
Keokuk	No response	No response
Le Mars	No response	No response
Marion	No response	No response
Marshalltown	Electrical components for capital projects, specialized electrical equipment like VFD's and motor control center components.	None
Mason City	None	None
Muscatine	No response	No response
Newton	None	None
North Liberty	No response	No response
Norwalk	No response	No response
Oskaloosa	None	None
Ottumwa	No response	No response
Pella	No response	No response
Pleasant Hill	No response	No response
Sioux City	No response	No response
Spencer	No response	No response
Storm Lake	None	None
Urbandale	No response	No response
Waterloo	No response	No response
Waukee	No response	No response
Waverly	None	None
West Des Moines	None	None