



2013 Water Rate Survey

Published By Raftelis Financial Consultants, Inc. and
California-Nevada Section of the American Water Works Association



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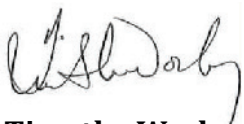
Foreword

The 2013 California-Nevada Water Rate Survey is a joint effort between the California-Nevada Section of the American Water Works Association (CA-NV AWWA) and Raftelis Financial Consultants, Inc. (RFC). CA-NV AWWA is a nonprofit professional association dedicated to providing high-quality technical information to its water utility members and general public. RFC is a nationally recognized water and wastewater finance and pricing consulting firm. This survey was first conducted by RFC in 2005 to provide in-depth analysis of water rates and charges in the state of California. In 2007, CA-NV AWWA and RFC formed a partnership to produce the next edition rate survey including California and Nevada. The 2013 survey provides valuable insights to pricing practices embraced by utilities across California and Nevada. Specifically included in this year's survey:

- » Participation by water systems with diverse ownership and operating characteristics serving a total of 217 California agencies and 14 Nevada agencies.
- » Rate calculations and other pertinent data grouped by county and sorted by city.

It should be noted that the charges shown for each agency are determined by the agency to minimize errors.

The report is also a powerful tool for comparative benchmarking. Drawing conclusions from rate comparisons, however, should be done only after evaluating several community characteristics (such as geography, climate, and service area, as well as the use of taxes, subsidies and grants). The determinants of utility rates are varied and complex and do not necessarily reflect the true cost of service. A low rate or a high rate does not necessarily mean that a utility is more or less efficient, respectively. As a result, the survey findings alone should not be used to judge the performance of any individual utility or to generalize about all water-sector utilities. Also, our rate survey uses a sample that is not statistically random. Even with these constraints, the information contained in the survey should be beneficial to utilities throughout California. At a minimum, it can be used to identify utilities that have similar characteristics to include in a more in-depth benchmarking effort. We recognize the valuable contribution made by the numerous water utility professionals who donated their time and energy to this effort. Their participation in this survey is greatly appreciated.



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Factors Affecting Rates

Because water rates are of immense public interest, legislative bodies entrusted with reviewing and approving rates are very sensitive to adjusting rates. From our work with many water utilities, we have identified seven factors that can affect water rates and charges. Four of these factors are driving water rates higher, while the other three have a lowering effect on rates. Because the factors that are increasing rates have had a much greater impact in recent years, water rates have increased faster than the overall rate of inflation. The following describes each factor, how it influences rates, and its expected impact over the next five to ten years. It should be noted that they are not the only factors affecting rates, but those that we believe are particularly relevant to water utilities.

GROWING INFRASTRUCTURE NEEDS

Much of the original water infrastructure in the Western United States is going to need replacement in the near future. In many cases, this will be the first time that utilities will face significant capital needs that is not funded by growth in the customer base. In addition, this existing infrastructure repair and replacement will likely be more costly than placing comparable new infrastructure in service in undeveloped areas. This factor is going to significantly impact utilities in coming years and will likely be a major driver of rate increases.

WATER SHORTAGE

Water shortages are currently being experienced throughout California and Nevada. In 2011, Metropolitan Water District of Southern California had already limited water supply to its 26 member agencies. A majority of cities in California are also facing some type of water use restriction. These shortages can be caused by regulatory restrictions on accessing water or moving water through an aqueduct system. In addition, there is a concern that the increased concentration of greenhouse gases will reduce the snow pack in the local mountains that serve as a natural storage system. Such water shortages typically have an adverse effect on the financial health of a utility, leading to increased pressure to raise rates. The decreased sales from restrictions require an increased price in order to recover fixed costs.

INCREASING REGULATORY STRINGENCY

While it is unclear how water regulation will be promulgated in the future, it is our expectation that standards will continue to become more stringent. As the ability to measure water quality improves and technology for producing “cleaner” potable water and effluent advances, regulations will inevitably follow and utilities will need to spend resources to acquire the new technology and/or reconfigure the existing treatment processes. We believe that increasing regulatory stringency driven by these advances in technology will drive rates higher.

DECREASING PER CAPITA CONSUMPTION

We have noticed that more and more of the utilities that we serve are facing declining per capita consumption. We believe there are two primary reasons for this trend. The first reason is that each generation of new home appliances is more and more water efficient. During the 1960s and 1970s, growth in consumption was fueled by the addition of water using devices to homes. With the replacement of each device, water efficiency is gained. The second reason is that the conservation message has been internalized by much of the population. A conservation ethic is replacing old habits in small ways, such as turning off faucets, and larger ways, like replacing thirsty landscapes. We believe this has been



accomplished through public education efforts and often reinforced by the pricing structure. In addition, many utilities have faced droughts or capacity issues due to growth, which has forced additional efforts to reduce per capita consumption. We believe that while this factor will continue to impact rates in the future, the impact will diminish over time because there is a level below which per capita consumption will not drop.

TECHNOLOGICAL IMPROVEMENTS

As mentioned earlier, water treatment technology is constantly improving. Certain technological improvements will result in reduced costs and lower rates. Supervisory control and data acquisition (SCADA) systems allow for operations with fewer employees and help to minimize power loads. As a result, the cost of producing potable water is decreasing with all other variables remaining the same. We believe technology will continue to improve benefits to customers.

EFFECTIVE UTILITY MANAGEMENT

Municipal utilities no longer see themselves as govern-

mental monopolies. Elected officials and governing boards increasingly require utilities to operate as efficiently as possible. The growth of contractor operations has also caused utilities to become more efficient. In fact, many utilities have gone through some sort of formal optimization process. We believe that these efforts will continue to have a lowering effect on water rates.

POLITICAL ACTIONS

The strongest force in limiting rate increases has been the political process. Whereas optimization efforts are beneficial to the utility, politically limited rate increases may not be. It would be unfair to say that political influence does not have some positive effects, as it does often force utilities to be as efficient as possible. We believe this will continue to have a significant impact on limiting rate increases. However, when a rate increase is obviously needed and that increase is not allowed due to political issues, there can be severe future ramifications.

A large blue triangle with a black border, pointing towards the bottom right corner of the page.

Overview of the Survey

In 2013, an online survey was sent to water service providers in the California and Nevada region. This self-reported survey included questions regarding the typical single family residential water bill, rate structure, billing frequency, connection fees, location and service population. The survey information received provides data on 231 water service providers (217 in California and 14 in Nevada). Because water usage varies widely by cities and regions, a benchmark water usage amount is needed to provide a basis to compare water rates. This survey relies on 15 ccf (hundred cubic feet) or 11,220 gallons of consumption per month as that benchmark. Since agencies have different billing frequencies, the fixed charges have been normalized to show the monthly rate. The California survey results are sorted first alphabetically by county and then by city. Additionally, several analyses are done on the four regions of California: Northern, San Joaquin Valley, Central Coast, and Southern.



The regions are comprised of the following counties:

- » **Northern:** Alameda, Butte, Calaveras, Colusa, El Dorado, Humboldt, Lake, Lassen, Marin, Mariposa, Mendocino, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Shasta, Solano, Sonoma, Stanislaus, Sutter, Tehama, Tuolumne, and Yolo.
- » **San Joaquin Valley:** Fresno, Kern, Kings, Madera, Merced, Mono, San Joaquin, and Tulare
- » **Central Coast:** Monterey, San Luis Obispo, and Santa Barbara
- » **Southern:** Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura

This year's Nevada survey includes data from the following counties: Clark, Douglas, Carson City, Pershing, Storey and Washoe.

This is our fifth survey in California/Nevada (previous surveys include 2005, 2007, 2009 and 2011 though as the inaugural survey, 2005 data were limited to California). In the survey, we have made some comparisons regarding the bill frequency, rate structure and user charges between 2011 and 2013. The comparisons are made when applicable, and include only the 113 agencies that participated in both the 2011 and 2013 surveys. Characteristics of billing frequency, rate structures, and water charges are also included.

2013 BILLING FREQUENCY

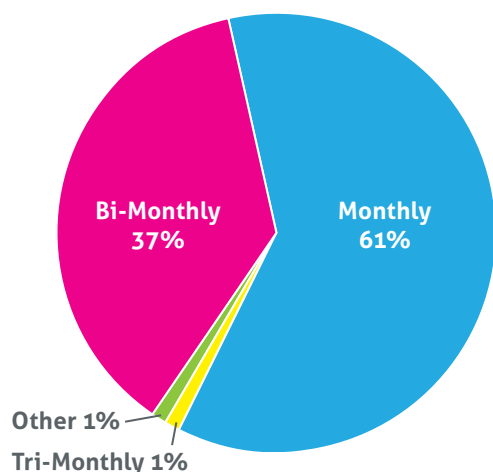
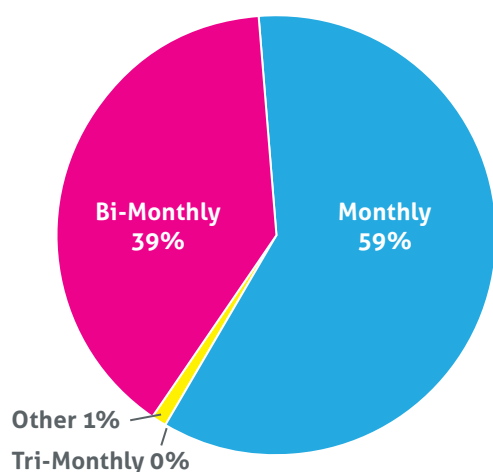


Figure A: Billing Frequency for California Agencies Reported in 2013 Survey

2011 BILLING FREQUENCY



2013 BILLING FREQUENCY

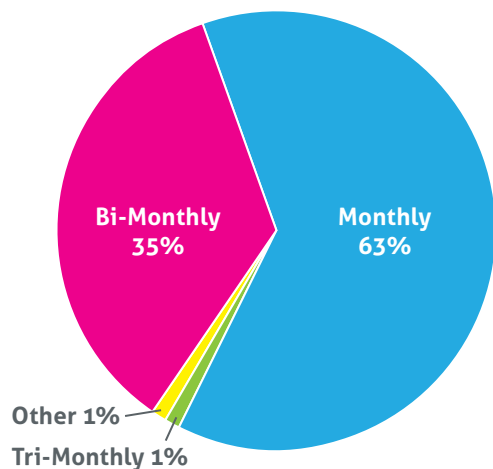


Figure B: Bill Frequency Comparison for California Agencies Reported in both 2011 and 2013 Surveys

California Rate Survey Results

217 agencies from the California region reported rates in the 2013 survey compared to the 216 agencies that reported in 2011. The number of agencies that reported in both surveys is 113.

BILLING FREQUENCY

As shown in Figure A, 61% of the agencies in our sample bill monthly. Roughly 37% have a bi-monthly rate structure.

We have also examined the billing frequency trend, shown in Figure B¹. Over the last two years, our analysis shows that the bi-monthly billing has decreased from 39% in 2011 to 34% in 2013. This increase corresponds with an increase in monthly billing, which was 59% in 2011 and is currently 63% in 2013. This behavior goes along with the overall industry trend especially as more agencies use automated meter reading technologies. Monthly billing is predominantly becoming more popular, as monthly billing helps convey information on consumption and pricing to an agency's customer base faster. Also, as rates increase and bills get larger, customers may find it easier to pay smaller monthly bills than larger bi-monthly bills.

Figure B compares the billing frequency between 2011 and 2013. Only agencies participating in both years are counted; therefore, the percentage shown in 2013 will be different from the percentage shown in Figure A since there are 217 agencies counted in the 2013 survey and only 113 agencies that participated in both years.

¹Includes only 113 agencies that participated in both 2011 and 2013 rate surveys

2013 RATE STRUCTURE

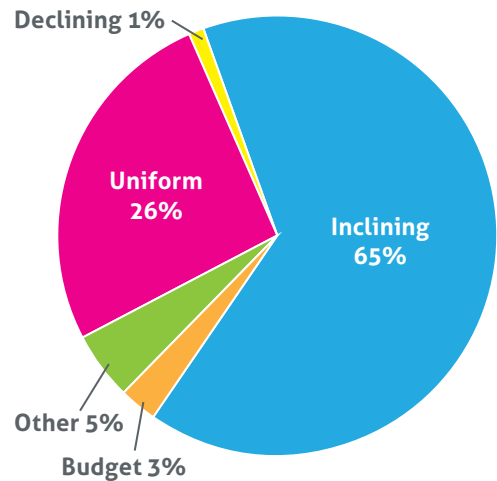


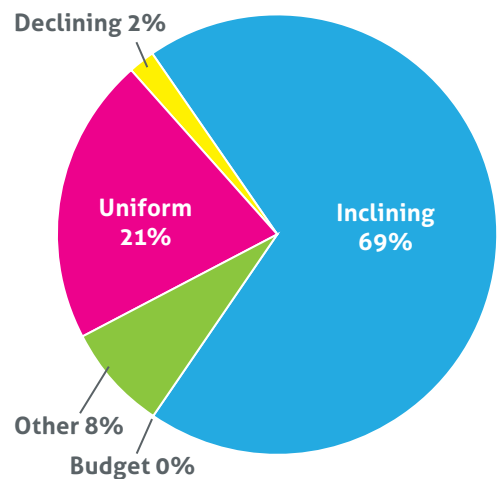
Figure C: Rate Structure for California Agencies Reported in 2013 Survey

RATE STRUCTURE

Figure C demonstrates that inclining and uniform rate structures combine to constitute approximately 94% (26% Uniform, 65% Inclining, 3% Budget) of the rate structures among utilities in this year's survey. The "other" category includes rate structures such as flat, seasonal and minimum charge for consumption rates. While uniform, inclining and declining rate structures are well known and have been in use by agencies for many years, the number of agencies utilizing water budget rate structures is increasing. Water budget based rate structures are a type of inclining rate structure in which the block definition is different for each customer based on an **efficient level** of water use by that customer. The tiers are typically set based upon efficient indoor and outdoor use allocations. Please contact RFC if you need additional information on rate structures.

Figure D shows the trend of rate structures from 2011 through 2013, with an increase in inclining blocks, from 69% of survey respondents to 74%, including water budget rate structures. Only agencies participating in the 2013 and 2011 surveys were included. The 2011 survey did not capture any instances of water budget rates, an increasingly popular rate structure designed to ensure efficient use of water; however the 2013 survey shows several agencies with the water budget rate structure. This is consistent with RFC's experience.

2011 RATE STRUCTURE



2013 RATE STRUCTURE

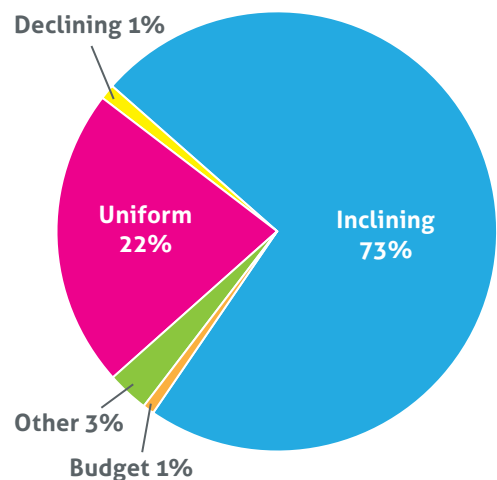


Figure D: Rate Structure Comparison for California Agencies Reported in both 2011 and 2013 Surveys

2013 RATE STRUCTURE BY REGIONS

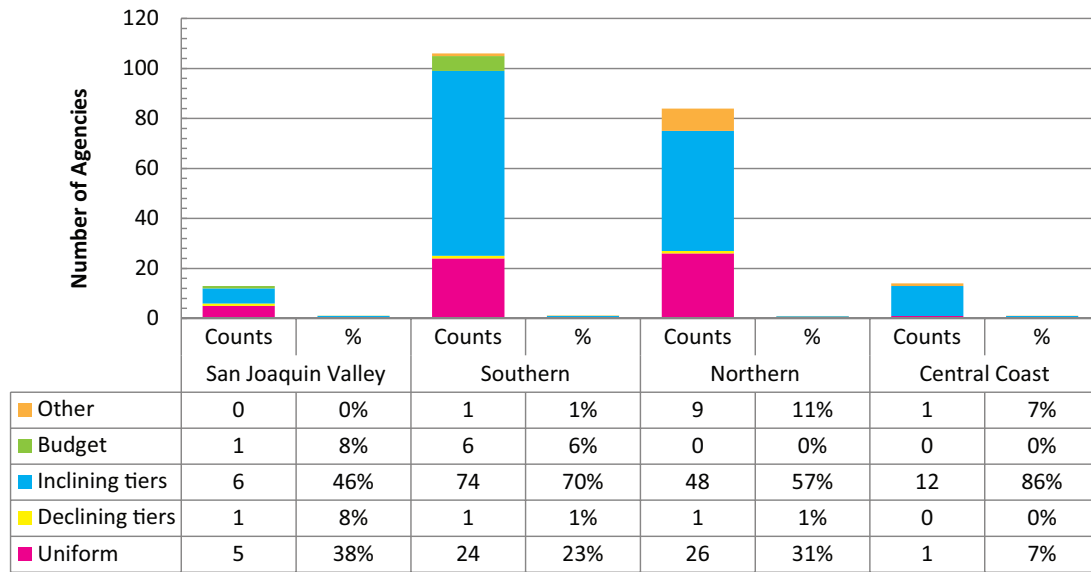


Figure E:
Rate Structure by
Regions for California
Agencies Reported in
2013 Rate Survey

2011-2013 RATE STRUCTURE COMPARISON BY REGIONS

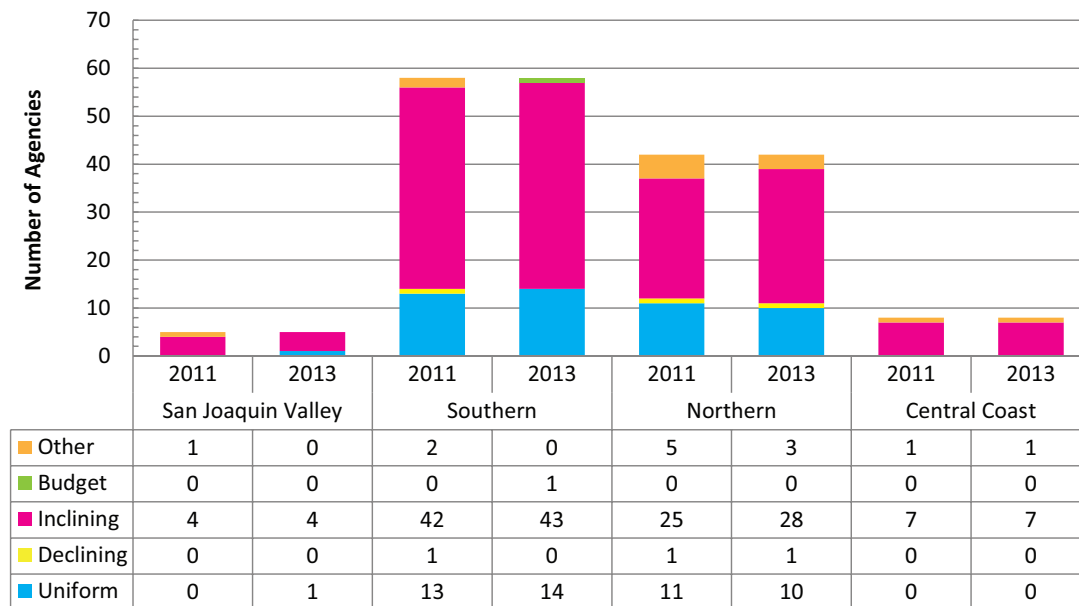


Figure F:
Rate Structure by
Region for California
Agencies Reported
in both 2011 and
2013 Surveys

The regional variation of rate structures in Figure E shows that Central Coast California has the highest percentage of agencies with inclining tiered rate structures (86%) that would tend to promote conservation. In Southern California, 70% of the surveyed agencies reported inclining rate structures compared to 57% in Northern California. Southern and Northern

California has 106 and 84 agencies reporting inclining rates, respectively.

Figure F² compares the changes by regions and shows relatively little change from the previous survey conducted in 2011.

²Compares only agencies participating in both 2011 and 2013 surveys (113 agencies)

CHARGES

As mentioned previously, all charges in this survey are based on the assumption that the utility residential customer uses 15 ccf³ (11,220 gal) per month. For utilities that do not bill monthly, the charge was calculated on the assumption of 15 ccf per month usage. It should be noted that the average usage can vary significantly from agency to agency. For example the average residential usage in San Francisco is 6 ccf per month and the rate structure is designed for that level of usage so the charge at 15 ccf per month will be high with a tiered rate structure.

Figure G shows the average fixed charge and variable charge in the four regions in 2013. The Central Coast Region has the highest average rate in our survey, which is about \$76 per month. San Joaquin Region has the lowest average monthly bill, which is about \$43 per month.

Figure H⁴ shows the average water charges (separated by fixed and variable) by region for the 2011 and 2013 California surveys. On average, agencies in the San Joaquin Valley have the lowest water charges while Central Coast water is the most expensive.

2013 RESIDENTIAL WATER CHARGES BY REGION

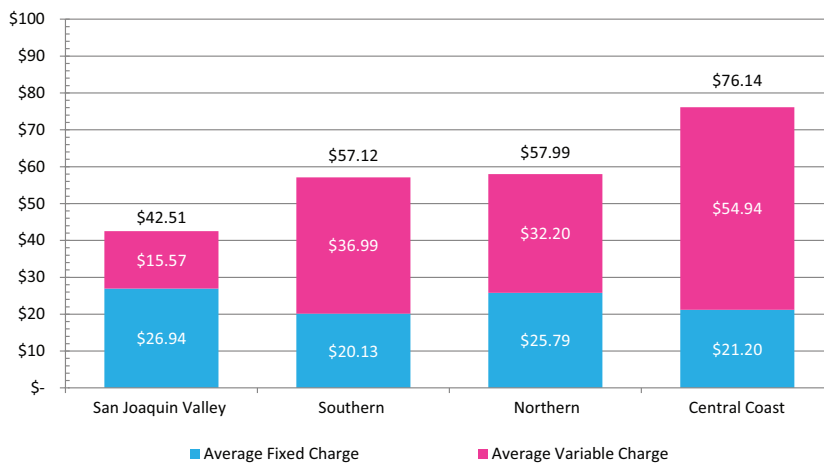


Figure G: Water Charges by Region for California Agencies Reported in 2013 Survey

2011-2013 COMPARISON OF RESIDENTIAL WATER CHARGES BY REGION

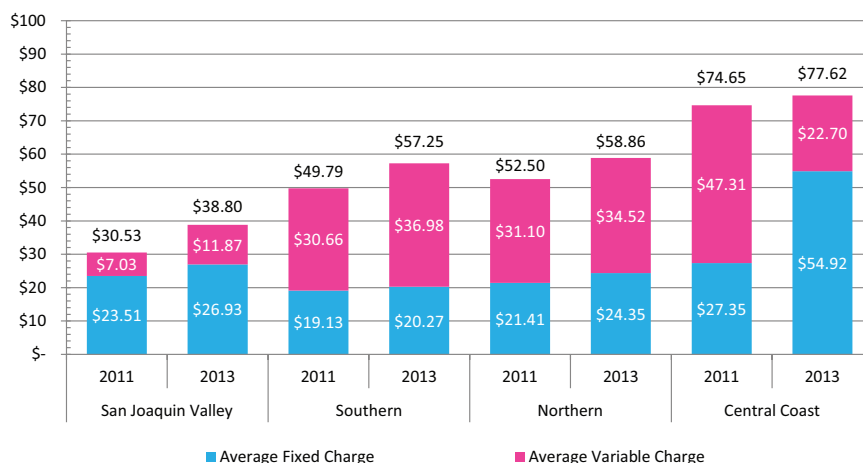


Figure H: Water Charges Comparison for California Agencies Reported in both 2011 and 2013 Surveys

³1 ccf = 100 cubic feet = 748 gallons of water

⁴Compares only agencies participating in both 2011 and 2013 surveys (113 agencies)

Over the past few years, water rates increased due to the drought situation in California and the increasing water costs.

Table A summarizes the data in Figure H and shows the annual percentage increases for each survey period. The data indicate that the increases in water charges are much higher than the Consumer Price Index (CPI), which rose 1.7% in 2012 and 1.6% in 2013, as provided by the Bureau of Labor Statistics. The highest percentage increase in the average monthly rates is in the San Joaquin Valley rates, followed by the Northern and Southern California regions. The San Joaquin Valley shows a large increase in water rates from 2011 as a result of a few of their agencies transitioning from a flat charge to a water rate with a fixed component as well as a commodity charge. This large increase is unexpected and it is likely that it may be due to different survey respondents. Table A displays the information in Figure H in a tabular format.

Figure I shows the high and low monthly residential fixed water charge comparisons in four regions for the 2011 and 2013 California surveys. Although water rates on a whole are trending higher, the fixed charges often do not increase as much, except for those in the Central Coast. A lower fixed charge means a higher variable charge for water consumption, which sends a stronger pricing signal for conservation.

Figure J shows the high and low monthly residential variable water charge for 15 ccf, which is compared by the four regions for the 2011 and 2013 California surveys. Some of the highest and lowest variable rates are reported in the Central Coast and Northern regions. Figure I and Figure J compares only agencies participating in both 2011 and 2013 surveys.

2011 RATE STRUCTURE

	SAN JOAQUIN VALLEY	SOUTHERN	NORTHERN	CENTRAL COAST
2011	\$30.53	\$49.79	\$52.50	\$75.65
2013	\$38.80	\$57.25	\$58.86	\$77.62
% INCREASE	27%	15%	12%	4%

Table A: Water Charges by Region Comparison

2011-2013 COMPARISON OF WATER FIXED CHARGES BY REGION

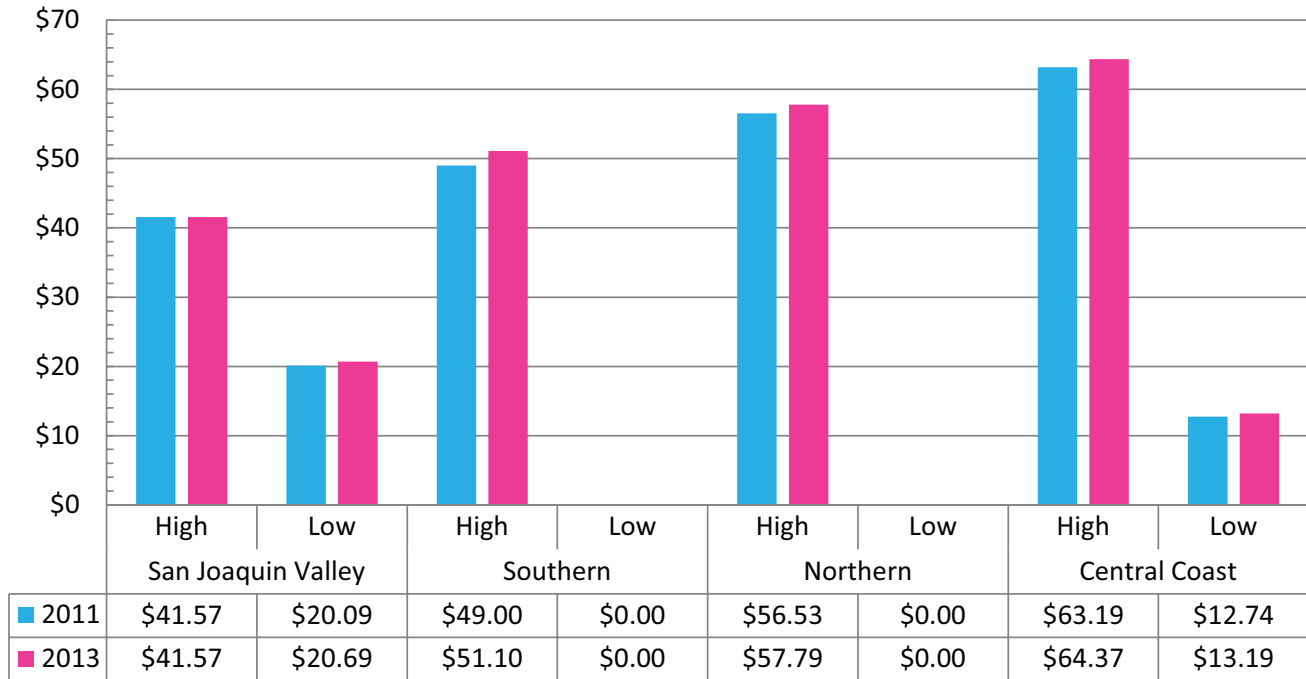


Figure I: Fixed Charge Comparison

2011-2013 COMPARISON OF WATER VARIABLE CHARGES BY REGION

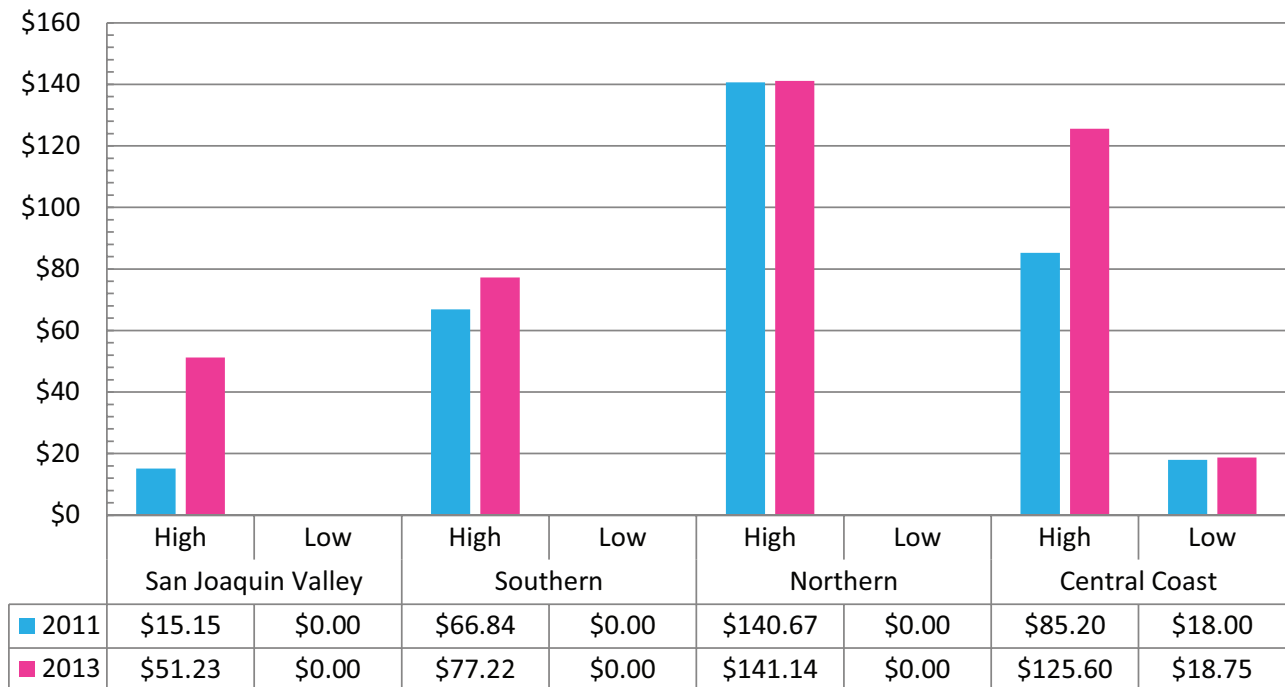


Figure J: Variable Charge Comparison

2013 AVERAGE MONTHLY WATER CHARGES COMPARISON BY COUNTY

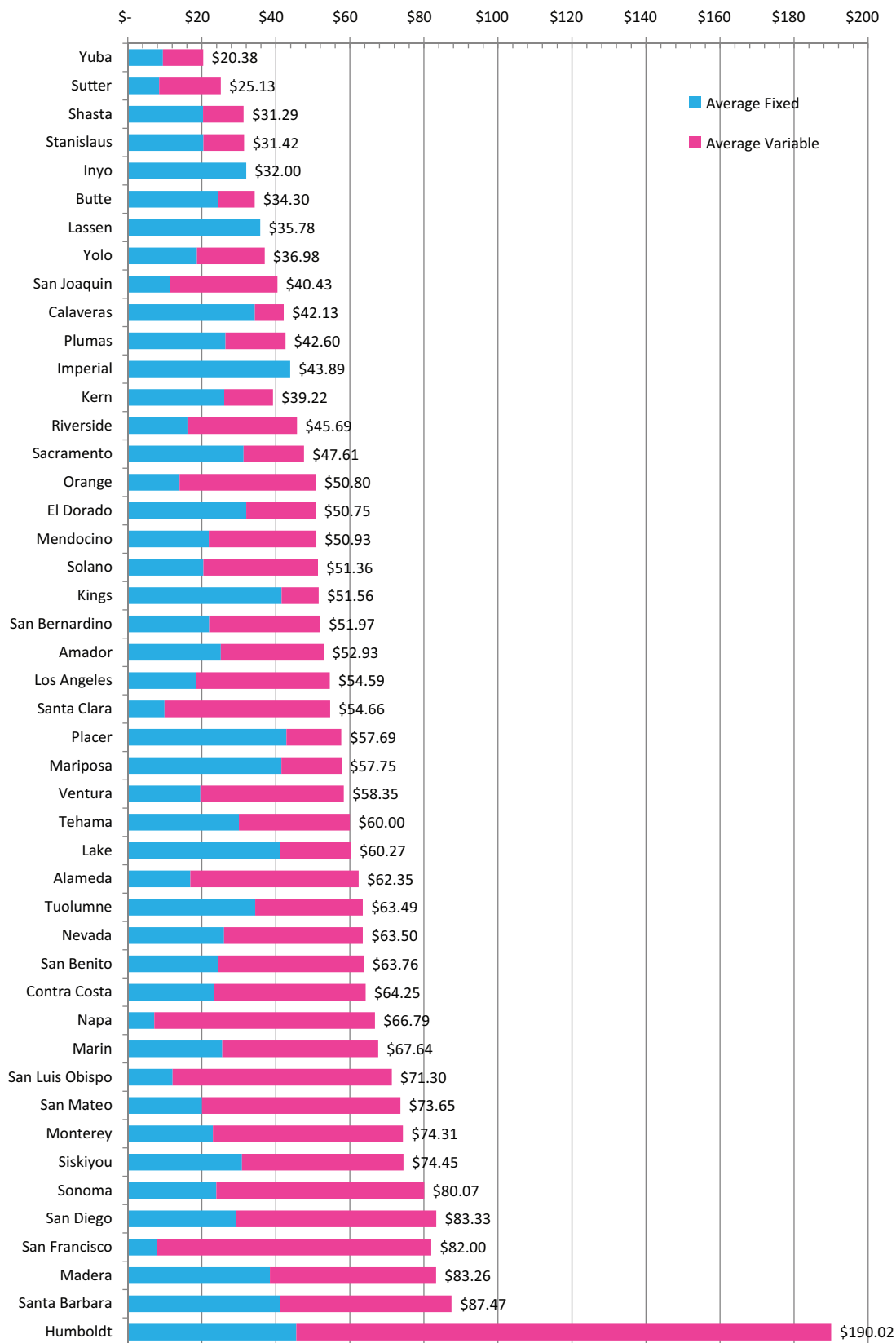


Figure K: 2013 Average Monthly Water Charges Comparison by County in California

Figure K shows the average monthly rate for 15 ccf by county. Based on our survey, the highest rates are found in Humboldt County, while the lowest rates are in Yuba County. Only one agency responded for Humboldt County.

Figure L displays the year in which the 2013 survey’s utilities have most recently updated their rates. A clear majority of respondents (61%) have updated their rates within the past two years (2012 & 2013).

The 2011 survey reported that 64% of utilities had updated their rates within the previous (2010 & 2011) two years.

Table B summarizes the comparison of connection charge (system development fee) data for 2011 and 2013 surveys where data are available. This comparison indicates that the average connection charge has increased by 10 percent in two years.

**MOST RECENT
RATE UPDATE SUMMARY**

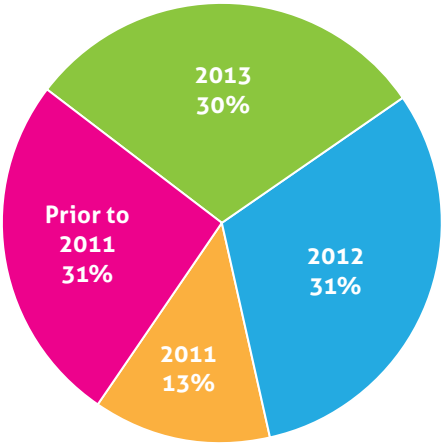


Figure L: Rate Update Frequency

2011-2013 COMPARISON OF CONNECTION FEES

	2011	2013
HIGHEST	\$34,732	\$28,600
LOWEST	\$650	\$420
AVERAGE	\$3,330	\$3,656
% CHANCE (AVERAGE)		10%

Table B: Connection Fee Charge Comparison

2013 BILLING FREQUENCY

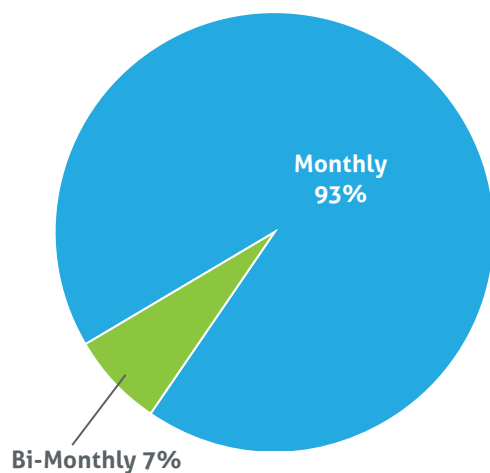
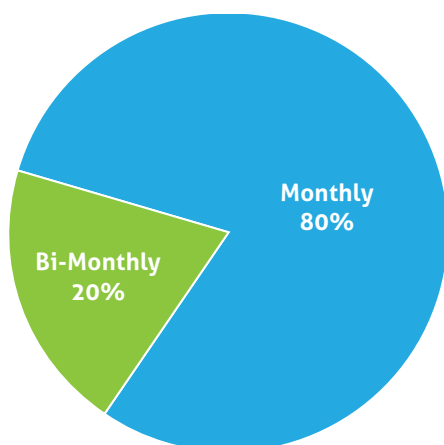


Figure M: Billing Frequency for Nevada Agencies Reported in 2013 Rate Survey

2011 BILLING FREQUENCY



2013 BILLING FREQUENCY

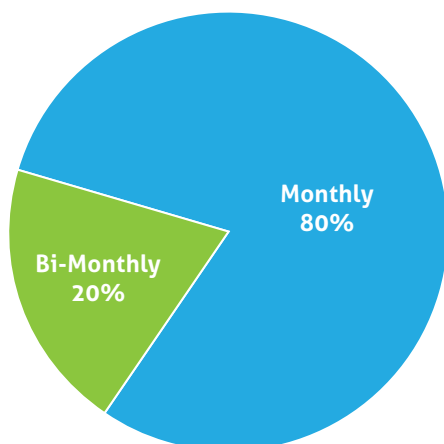


Figure N: Billing Frequency for Nevada Agencies Reported in both 2011 and 2013 Rate Surveys

Nevada Rate Survey Results

14 agencies from the Nevada region responded to the survey, of those 14 agencies, 5 are common to the 2011 and 2013 survey. The data below display the trends in Billing Frequency, Rate Structure and Charges.

BILLING FREQUENCY

As shown in Figure M, a large majority (93%) of the utility survey's respondents has a monthly billing structure. Comparison of the utilities participating in both the 2011 and 2013 survey (Figure N) shows no change in the billing frequency.

2013 RATE STRUCTURES

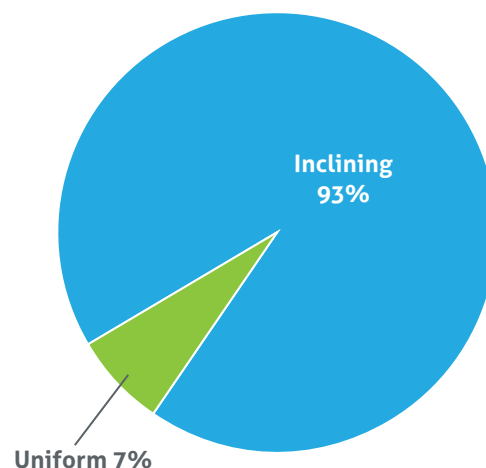
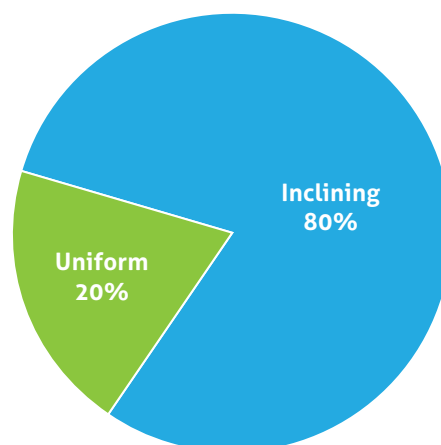


Figure O: Rate Structure for Nevada Agencies Reported in 2013 Rate Survey

2011 WATER RATE STRUCTURES



2013 WATER RATE STRUCTURES

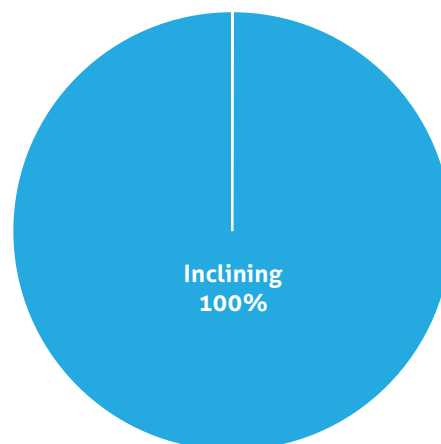


Figure P: Rate Structure for Nevada Agencies Reported in both 2011 and 2013 Rate Surveys

RATE STRUCTURE

Figure O demonstrates that inclining rate structures constitute the majority (93 percent) of the rate structures among utilities in this year's survey.

Figure P displays, in percentage, the water rate structures of agencies in Nevada. There are 5 agencies that responded to both the 2011 and 2013 survey. In 2011, 4 of those agencies had inclining rate structures and 1 had a uniform rate structure. In 2013, all of the 5 agencies had inclining rate structures.

CHARGES

As in the California section, all charges below are based on the assumption that the utility customer uses 15 ccf (11,220 gal) per month. For utilities that do not bill monthly, the charge was calculated on the assumption of 15 ccf per month usage.

Figure Q displays high, low and average monthly res-

idential water charges comparisons throughout the entire state. The average charge remained the same at around \$34.

Figure R displays the year in which most utilities have most recently updated their rates. Half of the agencies have updated their rates prior to 2011.

2011-2013 COMPARISON OF WATER CHARGES



Figure Q: Water Charge Comparisons for Nevada Agencies Reported in both 2011 and 2013 Surveys

MOST RECENT RATE UPDATE SUMMARY

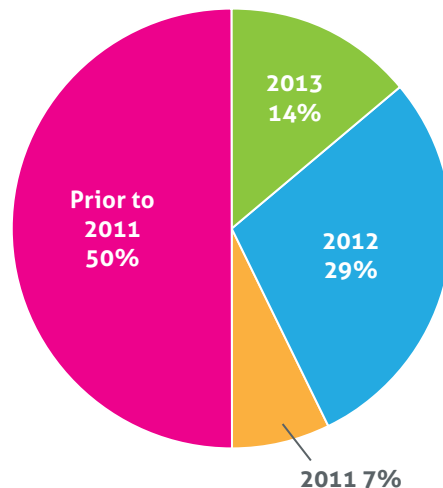


Figure R: Rate Update Frequency for Nevada Agencies

California Survey Participants

County	Service Area	Water Service Provider	Effective Date	Billing Frequency	Fixed Charge	Commodity Charge	Total Charge	Rate Format	Service Population	Current Avg. Res. Usage	Res. Connection Fee
ALAMEDA	Fremont, Newark, Union City	Alameda County Water District	02/01/2013	Bi-monthly	\$29.86	\$46.35	\$76.21	Uniform	334,594	12	
	Dublin, San Ramon	Dublin San Ramon Services District	01/01/2012	Bi-monthly	\$8.33	\$53.85	\$62.18	Inclining	76,500	30	\$11,929
	Oakland plus 19 other cities	East Bay Municipal Utility District	07/01/2012	Bi-monthly	\$14.51	\$40.94	\$55.45	Inclining	1,300,000	10	\$15,020
AMADOR	Livermore	Livermore Municipal Water	07/01/2012	Monthly	\$14.85	\$40.71	\$55.56	Inclining	26,541	17	\$27,249
		Amador Water Agency	07/01/2010	Monthly	\$25.13	\$27.80	\$52.93	Uniform	10,000	7	\$11,300
	Paradise	Paradise Irrigation District	01/01/2013	Monthly	\$29.20	\$10.80	\$40.00	Inclining	27,373	16	\$4,376
BUTTE	Oroville	South Feather Water & Power Agency	01/01/2012	Monthly	\$15.00	\$7.95	\$22.95	Declining	17,000	28	\$4,003
		Thermalito Water and Sewer District	07/01/2012	Monthly	\$28.84	\$11.10	\$39.94	Uniform	9,800	235	\$11,870
CALAVERAS	City of Oroville										
	San Andreas	Calaveras Public Utility District	01/01/2013	Monthly	\$32.69	\$7.86	\$40.55	Uniform	4,500	8	\$3,095
	City of Angels	City of Angels	08/18/2009	Monthly	\$39.75	\$5.45	\$45.20	Uniform	3,836	23	\$8,782
CONTRA COSTA	Valley Spring	Valley Springs St	04/26/2006	Bi-monthly	\$30.50	\$10.13	\$40.63	Inclining	1,000	9	\$3,500
	Brentwood	City of Brentwood	07/01/2012	Monthly	\$28.62	\$33.46	\$62.08	Inclining	52,575	16	
	Concord	Contra Costa Water District	07/29/1992	Bi-monthly	\$17.90	\$48.51	\$66.41	Uniform	250,000	13	\$18,344
EL DORADO	South Lake Tahoe	Lukins Brothers Water Company	01/01/2009	Other	\$34.00		\$34.00	Other	2,000		
	South Lake Tahoe	South Tahoe Public Utility District	07/01/2012	Tri-monthly	\$30.00	\$18.75	\$48.75	Inclining	36,000	9	\$6,833
	Trinidad	Westhaven Community Services District	01/07/2012	Monthly	\$45.50	\$144.52	\$190.02	Inclining	500	4	\$8,700
IMPERIAL	Calexico	City of Calexico	01/01/2007	Monthly	\$43.89	\$-	\$43.89	Uniform	40,000	20	\$3,707
INYO	Bishop	City of Bishop	07/01/2009	Monthly	\$32.00	\$-	\$32.00	Other	3,879	45	\$2,000
KERN	Arvin	Arvin Community Services District	01/01/2012	Monthly	\$11.00	\$18.75	\$29.75	Budget	18,000	24	\$4,160
	Bakersfield	East Niles CSD	08/01/2010	Monthly	\$31.10	\$15.30	\$46.40	Uniform	26,000	40	\$5,000
	Bakersfield	Greenfield County Water District	06/01/2012	Monthly	\$21.31	\$9.90	\$31.21	Inclining	8,500	26	\$4,000
	Pine Mountain Club	Mil Potrero Mutual Water Company	07/01/2011	Tri-monthly	\$25.75	\$22.50	\$48.25	Inclining	3,000	4	\$-
	Mojave	Mojave Public Utility District	09/01/2010	Monthly	\$10.00	\$14.30	\$24.30	Uniform	4,000	1	\$3,100
	Oil Dale	North of the River Municipal Water District	10/01/2011	Monthly	\$21.63	\$16.96	\$38.59	Inclining	35,000	30	\$17,513
	Lancaster & Rosamond	Sundale Mutual Water Co	12/24/2012	Monthly	\$65.00	\$-	\$65.00	Inclining	1,000	120	\$-
	Bakersfield	Vaughn Water Company	04/01/2013	Monthly	\$39.95	\$3.60	\$43.55	Inclining	28,500	48	\$4,343
	Taft	West Kern Water District	06/01/2011	Bi-monthly	\$8.65	\$17.30	\$25.95	Declining	16,600	10	\$420
KINGS	Corcoran	City of Corcoran	07/01/2010	Monthly	\$41.57	\$9.99	\$51.56	Uniform	22,000	15	
LAKE	Middletown	Callayomi County Water District	10/01/2012	Monthly	\$37.00	\$23.50	\$60.50	Uniform	1,323		

County	Service Area	Water Service Provider	Effective Date	Billing Frequency	Fixed Charge	Commodity Charge	Total Charge	Rate Format	Service Population	Current Avg. Res. Usage	Res. Connection Fee
LASSEN	Clearlake Oaks	Clearlake Oaks County Water District	06/25/2012	Monthly	\$32.36	\$36.79	\$69.15	Uniform	2,300	4	\$5,500
	Hidden Valley Lake	Hidden Valley Lake CSD	07/31/2010	Bi-monthly	\$37.13	\$-	\$37.13	Other	7,000	15	\$3,600
	Lower Lake	Lower Lake County Waterworks District No. 1	02/24/2009	Monthly	\$57.79	\$16.50	\$74.29	Inclining	2,055	10	\$2,500
	Westwood	Westwood Community Services District	07/01/2011	Monthly	\$35.78	\$-	\$35.78	Uniform	1,700	28	\$3,020
	Azusa	Azusa Light & Water Company	07/01/2010	Monthly	\$17.03	\$17.94	\$34.97	Inclining			
	Montebello	California Water Service Company	09/03/2013	Monthly	\$14.48	\$50.44	\$64.92	Inclining			
	Beverly Hills	City of Beverly Hills	09/01/2012	Bi-monthly	\$20.25	\$60.05	\$80.30	Inclining			
	Burbank	City of Burbank	07/01/2013	Monthly	\$10.78	\$41.34	\$52.12	Inclining			
	El Segundo	City of El Segundo	07/01/2013	Monthly	\$8.49	\$38.90	\$47.39	Other			
	Inglewood	City of Inglewood	10/01/2012	Monthly	\$13.50	\$52.50	\$66.00	Uniform	180,000	15	\$-
LOS ANGELES	La Verne	City of La Verne	07/01/2012	Bi-monthly	\$14.30	\$33.00	\$47.30	Uniform	32,000	21	\$6,500
	Lakewood	City of Lakewood	09/01/2012	Bi-monthly	\$6.75	\$21.04	\$27.79	Inclining	59,660	25	\$-
	Pasadena	City of Pasadena	10/01/2011	Monthly	\$17.51	\$27.35	\$44.86	Inclining			
	Pomona	City of Pomona	01/01/2013	Bi-monthly	\$23.35	\$19.43	\$42.77	Inclining	149,058	18	
	Santa Monica	City of Santa Monica	07/01/2012	Bi-monthly	\$-	\$46.21	\$46.21	Inclining			
	Torrance	City of Torrance	01/01/2012	Monthly	\$5.59	\$46.87	\$52.46	Inclining			
	La Crescenta	Crescenta Valley Water District	07/01/2012	Bi-monthly	\$16.20	\$63.30	\$79.50	Inclining	34,000	11	\$3,205
	Pasadena	Kinneloa Irrigation District	01/01/2013	Monthly	\$51.10	\$50.25	\$101.35	Uniform	1,600	43	\$3,000
	La Habra Heights	La Habra Heights County Water District	07/01/2012	Monthly	\$27.19	\$21.60	\$48.79	Uniform	5,325	47	\$7,897
		La Puente Valley County Water District	09/15/2012	Bi-monthly	\$15.00	\$21.80	\$36.80	Inclining	8,500	13	
	Calabasas	Las Virgenes Municipal Water District	01/01/2013	Bi-monthly	\$14.39	\$32.50	\$46.89	Inclining	65,000	32	\$7,400
	Santa Clarita	Newhall County Water District	07/01/2012	Monthly	\$18.82	\$18.79	\$37.61	Inclining	44,400	21	\$4,865
	South Whittier	Orchard Dale Water District	07/01/2012	Bi-monthly	\$41.45	\$32.25	\$73.70	Uniform	22,000	15	
	Rowland Heights	Rowland Water District	01/01/2013	Monthly	\$23.53	\$37.80	\$61.33	Inclining			
	Montebello	San Gabriel Valley Water Company	07/25/2013	Monthly	\$21.02	\$39.60	\$60.62	Uniform			
	Covina	Suburban Water Systems	01/01/2013	Monthly	\$17.07	\$33.30	\$50.37	Inclining	300,000	17	
	West Covina	Valencia Heights Water Company	11/01/2011	Monthly	\$30.82	\$24.90	\$55.72	Inclining	5,500	31	\$14,000
	Walnut	Walnut Valley Water District	01/01/2013	Monthly	\$16.33	\$34.02	\$50.35	Inclining			
	Coarsegold	Yosemite Spring Park Utility Co.	12/22/2011	Monthly	\$38.41	\$44.85	\$83.26	Uniform	5,000	10	\$5,061
	Novato	North Marin Water District	06/01/2012	Bi-monthly	\$12.50	\$41.03	\$53.53	Other	61,000	12	\$28,600
MARIPOSA	Mariposa	Mariposa Public Utility District	02/22/2002	Monthly	\$41.50	\$16.25	\$57.75	Inclining	738	94	\$2,580

County	Service Area	Water Service Provider	Effective Date	Billing Frequency	Fixed Charge	Commodity Charge	Total Charge	Rate Format	Service Population	Current Avg. Res. Usage	Res. Connection Fee
MENDOCINO	Fort Bragg	City of Fort Bragg-Fort Bragg Water Works	07/01/2013	Monthly	\$27.17	\$-	\$27.17	Inclining	6,500	5	\$3,885
	Ukiah	City of Ukiah	08/01/2012	Monthly	\$28.46	\$36.15	\$64.61	Inclining	16,075	10	\$-
	Redwood Valley	Redwood Valley County Water District	01/01/2010	Monthly	\$10.00	\$51.00	\$61.00	Inclining	4,000	10	\$5,000
	Hilmar	Hilmar County Water District	07/01/2012	Monthly	\$24.40	\$-	\$24.40	Inclining	5,000	20	\$7,060
MONTEREY	Royal Oaks	Pajaro/Sunny Mesa CSD	02/01/2013	Monthly	\$23.01	\$51.30	\$74.31	Uniform	1,400	8	
	City of Napa	City of Napa Water	10/01/2011	Bi-monthly	\$7.16	\$59.63	\$66.79	Inclining	84,000	14	\$6,900
NEVADA	Grass Valley, CA City Limits	City of Grass Valley	01/01/2013	Bi-monthly	\$26.00	\$37.50	\$63.50	Other	12,000	18	
	Anaheim	City of Anaheim	07/01/2010	Bi-monthly	\$5.00	\$28.05	\$33.05	Uniform			
ORANGE	Brea	City of Brea	07/01/2009	Monthly	\$9.11	\$42.60	\$51.71	Inclining	45,000	25	
	Buena Park	City of Buena Park	07/12/2011	Bi-monthly	\$15.18	\$31.65	\$46.83	Inclining			
	Fountain Valley	City of Fountain Valley	11/01/2011	Bi-monthly	\$5.82	\$39.30	\$45.12	Inclining	58,100	15	\$-
	Garden Grove	City of Garden Grove	07/01/2012	Bi-monthly	\$0.71	\$40.35	\$41.06	Inclining	172,648	15	
	Huntington Beach	City of Huntington Beach	10/01/2011	Monthly	\$11.24	\$26.25	\$37.49	Uniform	204,000	12	\$-
	La Habra	City of La Habra	07/01/2013	Monthly	\$13.12	\$52.00	\$65.12	Uniform	63,800	18	\$-
	West Palma	City of La Palma	07/01/2010	Bi-monthly	\$19.50	\$24.16	\$43.66	Inclining			
	Orange	City of Orange	01/01/2012	Bi-monthly	\$11.48	\$21.10	\$32.58	Inclining			
	San Clemente	City of San Clemente	09/01/2012	Monthly	\$14.40	\$44.98	\$59.38	Inclining	52,861	16	\$-
	San Juan Capistrano & Dana Point	City of San Juan Capistrano	07/01/2013	Monthly	\$29.50	\$57.24	\$86.74	Budget	38,000		
	Westminster	City of Westminster	09/17/2010	Bi-monthly	\$3.66	\$35.06	\$38.72	Inclining			
	Santa Ana	East Orange County Water District	06/15/2012	Bi-monthly	\$35.15	\$36.00	\$71.15	Inclining	5,000	40	\$1,500
	Fullerton	Fullerton	07/01/2012	Bi-monthly	\$6.41	\$25.91	\$32.32	Inclining	140,000	19	\$-
	Irvine	Irvine Ranch Water District	07/01/2013	Monthly	\$9.30	\$16.62	\$25.92	Inclining	330,000	11	\$2,915
	Laguna Beach	Laguna Beach County Water District	01/01/2013	Bi-monthly	\$25.52	\$56.55	\$82.07	Budget	19,400	13	\$820
	Costa Mesa, CA	Mesa Water District	07/01/2013	Bi-monthly	\$10.00	\$47.25	\$57.25	Uniform	110,000		
	Silverado	Santiago County Water District	07/01/2013	Monthly	\$9.85	\$29.09	\$38.94	Inclining			
	Villa Park	Serrano Water District	07/01/2011	Monthly	\$32.21	\$30.10	\$62.31	Uniform			
	Laguna Beach	South Coast Water District	07/01/2012	Monthly	\$23.72	\$52.39	\$76.11	Inclining	34,095	10	
	Trabuco Canyon	Trabuco Canyon Water District	01/01/2013	Monthly	\$8.25	\$33.48	\$41.73	Inclining			
PLACER	Yorba Linda	Yorba Linda Water District	07/01/2013	Monthly	\$8.80	\$39.60	\$48.40	Uniform			
	Roseville	City of Roseville Water Utility District	07/01/2012	Monthly	\$19.60	\$7.68	\$27.28	Inclining	112,000	19	\$7,300
	Meadow Vista	Meadow Vista County Water District	01/01/2010	Monthly	\$55.30	\$12.25	\$67.55	Inclining	3,900	10	\$12,952
	Tahoe Vista	NorthTahoe Public Utility District	01/01/2008	Monthly	\$42.02	\$15.30	\$57.32	Inclining	8,000	12	\$-
	Granite Bay	San Juan Water District	01/01/2013	Bi-monthly	\$35.19	\$6.73	\$41.92	Other	30,700	40	\$14,477

County	Service Area	Water Service Provider	Effective Date	Billing Frequency	Fixed Charge	Commodity Charge	Total Charge	Rate Format	Service Population	Current Avg. Res. Usage	Res. Connection Fee
PLUMAS	Olympic Valley, CA	Squaw Valley Public Service District	07/01/2013	Other	\$50.08	\$29.26	\$79.34	Inclining	930	5	\$8,414
	Tahoe City	Tahoe City Public Utility District	04/01/2013	Monthly	\$55.00	\$17.75	\$72.75	Inclining	3,000	11	\$2,500
	Portola	City of Portola	07/01/2012	Monthly	\$23.45	\$33.66	\$57.11	Uniform	2,000		\$4,015
	Quincy	East Quincy Services District	07/01/2013	Monthly	\$25.43	\$9.20	\$34.63	Other	2,500	5	\$3,637
	Graeagle	Graeagle Water Company	05/01/2010	Bi-monthly	\$20.13	\$19.35	\$39.48	Uniform	737	14	\$-
	Blairsredn	Plumas Eureka Community Services District	07/01/2012	Other	\$36.75	\$-	\$36.75	Uniform	1,700		\$-
RIVERSIDE	Quincy	Quincy Community Services District	07/01/2012	Monthly	\$26.10	\$18.94	\$45.04	Inclining	1,728		
	Beaumont	Beaumont-Cherry Valley water District	01/01/2012	Bi-monthly	\$9.01	\$14.85	\$23.86	Inclining	45,000	15	\$10,122
	Corona	City of Corona	02/20/2013	Monthly	\$18.88	\$31.70	\$50.58	Budget	155,000	21	\$3,469
	Cathedral City, Palm Desert, Rancho Mirage, La Quinta, Indian Wells, Thermal	Coachella Valley Water District	08/01/2011	Monthly	\$7.00	\$15.70	\$22.70	Budget	285,000	25	\$3,707
	Lake Elsinore, Murrieta, Canyon Lake, Wildomar	Elsinore Valley Municipal Water District	05/01/2011	Monthly	\$15.78	\$37.56	\$53.34	Declining	126,840	20	\$7,676
	Idyllwild	Idyllwild Water District	07/01/2010	Monthly	\$24.17	\$67.40	\$91.57	Inclining	3,500	6	\$5,092
	Hemet	Lake Hemet Municipal Water District	01/01/2009	Monthly	\$15.63	\$32.99	\$48.62	Inclining	35,000	19	\$3,130
	Corona, CA	Lee Lake Water District	08/30/2011	Monthly	\$20.87	\$32.95	\$53.82	Inclining	16,000	28	\$5,820
	Desert Hot Springs	Mission Springs Water District	01/01/2011	Monthly	\$9.32	\$23.10	\$32.42	Inclining	30,000	15	\$4,353
	Bermuda Dunes	Myoma Dunes Mutual Water Company	07/01/2010	Monthly	\$6.20	\$14.55	\$20.75	Uniform	6,600	75	\$750
	Idyllwild CA	Pine Cove Water District	02/01/2013	Bi-monthly	\$26.50	\$34.80	\$61.30	Inclining	500	5,000	
	Temecula	Rancho California Water District	07/01/2009	Monthly	\$17.98	\$15.72	\$33.70	Budget	145,000	25	\$1,425
	Riverside	Western Municipal Water District	01/01/2013	Monthly	\$22.38	\$33.30	\$55.68	Budget	880,000		
SACRAMENTO	Elk Grove	Elk Grove Water District	07/01/2009	Monthly	\$56.53	\$21.90	\$78.43	Inclining	40,000	89	\$4,475
	Rancho Cordova, Sacramento	Golden State Water Company	08/27/2012	Bi-monthly	\$8.35	\$15.19	\$23.54	Uniform	53,348	13	\$-
	Rancho Murieta	Rancho Murieta CSD	07/01/2013	Monthly	\$35.42	\$21.75	\$57.17	Uniform	5,500	61	
	Rio Linda	Rio Linda Elverta CWD	03/01/2011	Bi-monthly	\$24.90	\$6.38	\$31.28	Inclining	15,000	16	\$4,380
SAN BENITO	Aromas & San Juan Bautista	Aromas Water District	07/01/2010	Monthly	\$31.35	\$46.64	\$77.99	Inclining	2,800	16	\$10,843
	Hollister	Sunnyslope County Water District	12/21/2010	Monthly	\$17.57	\$31.95	\$49.52	Inclining	19,000	15	\$5,461
SAN BERNARDINO	Twin Peaks	Alpine Water Users Association	02/21/2013	Bi-monthly	\$22.50	\$74.25	\$96.75	Inclining	3,000	10	
	Arrowbear Lake	Arrowbear Park County Water District	02/21/2013	Monthly	\$21.50	\$51.30	\$72.80	Uniform	900		\$-
	City of Big Bear Lake	Big Bear Lake Department of Water and Power	07/01/2013	Bi-monthly	\$42.12	\$-	\$42.12	Inclining	16,000	8	\$8,472
	Big Bear Lake	City of Big Bear Lake - DWP	01/01/2010	Bi-monthly	\$40.66	\$59.60	\$100.26	Inclining	25,000	5	\$8,244
	Chino Hills	City of Chino Hills	07/01/2011	Monthly	\$14.89	\$24.06	\$38.95	Inclining			

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	Needles	City of Needles	10/01/2012	Monthly	\$34.53	\$7.40	\$41.93	Uniform	4,839	17	
	Ontario	City of Ontario Municipal Utilities Company	01/01/2013	Monthly	\$21.90	\$33.75	\$55.65	Inclining	173,690	23	\$5,109
	Rialto, CA	City of Rialto / Rialto Water Services	01/01/2013	Monthly	\$16.26	\$12.00	\$28.26	Inclining	9,900	4	\$-
	Upland	City of Upland	01/01/2005	Bi-monthly	\$16.00	\$17.40	\$33.40	Inclining	76,000	35	
	Crestline	Crestline Village Water District	07/01/2004	Monthly	\$17.50	\$67.20	\$84.70	Inclining	8,700	6	\$3,010
	Rancho Cucamonga	Cucamonga Valley Water District	05/01/2010	Bi-monthly	\$13.51	\$25.25	\$38.76	Inclining	187,800	26	\$5,962
	Helendale	Helendale Community Services District	01/01/2013	Monthly	\$20.66	\$12.89	\$33.55	Inclining	5,700	22	\$7,052
	Hesperia	Hesperia Water District	01/08/2008	Bi-monthly	\$19.63	\$36.38	\$56.01	Inclining	93,000	16	\$3,513
	Yucca Valley	Hi-Desert Water District	06/01/2011	Monthly	\$23.30		\$23.30	Inclining	25,000	10	\$5,483
	Joshua Tree	Joshua Basin Water District	01/01/2012	Monthly	\$23.82	\$34.60	\$58.42	Inclining	9,534	10	\$5,170
	Bloomington/Fontana	Marygold Mutual Water Company	06/01/2012	Monthly	\$17.60	\$25.05	\$42.65	Uniform	3,300	40	
	San Bernardino	San Bernardino Municipal Water Department	02/01/2010	Monthly	\$12.90	\$21.45	\$34.35	Inclining	210,000	22	\$4,740
	Apple Valley	Thunderbird County Water District	07/01/2011	Bi-monthly	\$32.00	\$10.00	\$42.00	Inclining	720	23	\$4,972
	Twentynine Palms	Twentynine Palms Water District	12/21/2011	Bi-monthly	\$11.00	\$34.95	\$45.95	Uniform	18,750	10	\$-
	Victorville, California	Victorville Water District	07/01/2011	Monthly	\$17.50	\$22.05	\$39.55	Uniform	109,600	26	\$5,142
SAN DIEGO	City of Carlsbad	Carlsbad Municipal Water District	01/01/2008	Monthly	\$21.38	\$50.79	\$72.17	Inclining	90,000	13	\$3,549
	Escondido	City of Escondido	03/01/2013	Monthly	\$29.70	\$52.76	\$82.46	Inclining	147,000		
	City of Poway	City of Poway	01/01/2013	Bi-monthly	\$14.49	\$59.40	\$73.89	Inclining	48,382	21	\$7,352
	San Diego	City of San Diego	03/01/2011	Bi-monthly	\$19.33	\$57.10	\$76.43	Inclining	1,300,000	12	\$3,047
	Fallbrook CA	Fallbrook Public Utility District	07/01/2008	Monthly	\$36.63	\$45.96	\$82.59	Inclining	30,000	30	\$5,115
	La Mesa, Lemon Grove, El Cajon	Helix Water District	11/01/2012	Bi-monthly	\$21.47	\$54.75	\$76.22	Inclining	268,000	13	\$6,842
	Encinitas	Olivenhain MWD	04/01/2013	Monthly	\$25.35	\$46.05	\$71.40	Inclining			
		Otay Water District	01/01/2013	Monthly	\$30.03	\$44.40	\$74.43	Inclining	208,000	14	\$8,797
	Santee, CA	Padre Dam Municipal Water District	01/01/2013	Bi-monthly	\$25.85	\$78.72	\$104.57	Inclining		11	\$9,708
	Fallbrook	Rainbow Municipal Water District	01/01/2013	Monthly	\$107.80	\$44.70	\$152.50	Inclining			
	Ramona, CA	Ramona Municipal Water District	07/01/2013	Bi-monthly	\$27.80	\$65.05	\$92.85	Uniform	40,000		
	Encinitas	San Dieguito Water District	09/01/2013	Bi-monthly	\$16.77	\$52.36	\$69.13	Inclining			
	Rancho Santa Fe, Solana Beach	Santa Fe Irrigation District	01/01/2013	Bi-monthly	\$29.24	\$49.05	\$78.29	Inclining	19,400	63	\$7,057
	Chula Vista and National City	Sweetwater Authority	09/01/2012	Bi-monthly	\$8.25	\$77.56	\$85.81	Inclining	186,865	11	\$2,200
	San Marcos	Vallecitos Water District	07/01/2012	Monthly	\$25.03	\$49.65	\$74.68	Inclining	87,156	14	\$6,665
	Valley Center	Valley Center Municipal Water District	02/01/2013	Monthly	\$34.20	\$54.60	\$88.80	Uniform			

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SAN FRANCISCO	City of Vista	Vista Irrigation District	07/01/2009	Bi-monthly	\$24.89	\$57.12	\$82.01	Inclining	125,000	15	\$4,993
	Pauma Valley	Yuima Municipal Water District	07/01/2012	Monthly	\$28.62	\$33.16	\$61.78	Uniform	1,336	65	\$2,560
	San Francisco, CA	San Francisco Public Utilities Commission	07/01/2012	Monthly	\$7.90	\$74.10	\$82.00	Inclining	827,000	6	\$580
	Lathrop	City of Lathrop	01/01/2013	Monthly	\$11.50	\$28.93	\$40.43	Uniform	18,908	0	\$22,297
	Atascadero	Atascadero Mutual Water Company	04/18/2012	Monthly	\$18.00	\$36.90	\$54.90	Inclining	30,048	15	\$19,600
SAN JOAQUIN	Cambria	Cambria Community Services District	07/01/2009	Bi-monthly	\$11.91	\$74.18	\$86.09	Inclining	6,000		
	Cayucos	County of San Luis Obispo - County Service Area 10 A - Cayucos	01/01/2012	Bi-monthly	\$-	\$125.60	\$125.60	Inclining	1,345	6	\$8,100
	Shandon	County of San Luis Obispo - County Service Area 16 Shandon	07/26/1994	Bi-monthly	\$-	\$65.00	\$65.00	Inclining	1,295	11	\$2,800
	Santa Margarita	County of San Luis Obispo - County Service Area 23 Santa Margarita	07/22/2008	Bi-monthly	\$-	\$73.41	\$73.41	Inclining	1,259	10	\$1,500
	Heritage Ranch	Heritage Ranch CSD	07/01/2012	Monthly	\$46.50	\$36.40	\$82.90	Inclining	3,500	10	\$1,456
SAN MATEO	Nipomo	Nipomo Community Services District	11/01/2012	Bi-monthly	\$17.86	\$27.00	\$44.86	Inclining	10,867	20	\$18,849
	Oceano	Oceano Community Services District	03/01/2011	Bi-monthly	\$-	\$63.69	\$63.69	Inclining	7,000		
	San Miguel	San Miguel Community Service District	01/01/2012	Bi-monthly	\$14.69	\$30.60	\$45.29	Inclining	2,300	5	\$9,490
	Daly City	City of Daly City, Department of Water and Wastewater Resources	07/01/2010	Bi-monthly	\$6.52	\$51.47	\$57.99	Inclining		9	\$-
	Millbrae	City of Millbrae	07/01/2009	Bi-monthly	\$14.10	\$77.10	\$91.20	Uniform	21,532	12	\$-
SANTA BARBARA	Redwood City	City of Redwood City	07/01/2012	Bi-monthly	\$22.00	\$23.95	\$45.95	Inclining	83,500	12	\$6,918
	San Bruno	City of San Bruno	09/21/2012	Monthly	\$15.32	\$80.95	\$96.27	Inclining	41,114	12	\$2,504
	Half Moon Bay, Miramar, El Granada	Coastside County Water District	07/01/2012	Bi-monthly	\$17.21	\$88.29	\$105.50	Inclining	16,000	7	\$-
	East Palo Alto	Palo Alto Park Mutual Water Company	01/01/2010	Monthly	\$45.00	\$-	\$45.00	Other	3,100		
	Carpinteria Valley	Carpinteria Valley Water District	07/01/2008	Monthly	\$64.37	\$50.97	\$115.34	Other	16,000	11	\$11,000
SANTA CLARA	Santa Barbara	City of Santa Barbara	07/01/2012	Monthly	\$13.19	\$70.31	\$83.50	Inclining	91,754	12	\$5,691
	Solvang	City of Solvang	11/21/2013	Monthly	\$65.63	\$45.00	\$110.63	Inclining	5,200	15	\$-
	Vandenberg Village	Vandenberg Village Community Services District	07/01/2009	Monthly	\$21.66	\$18.75	\$40.41	Inclining	6,694	17	\$4,670
	Morgan Hill	City of Morgan Hill	01/01/2011	Monthly	\$7.45	\$28.50	\$35.95	Inclining	40,000	11	\$3,361
	Mountain View	City of Mountain View	07/01/2013	Bi-monthly	\$10.80	\$67.26	\$78.06	Inclining	74,066	9	\$-
	Santa Clara	City of Santa Clara	07/01/2012	Monthly	\$-	\$47.55	\$47.55	Uniform	118,830	12	\$-
	San Martin	West San Martin Water Works, Inc.	01/01/2013	Monthly	\$21.50	\$35.58	\$57.08	Inclining	1,500		\$-
	Aptos	Central Water District	02/01/2013	Bi-monthly	\$15.00	\$21.90	\$36.90	Inclining	2,700	32	\$5,827

County	Service Area	Water Service Provider	Effective Date	Billing Frequency	Fixed Charge	Commodity Charge	Total Charge	Rate Format	Service Population	Current Avg. Res. Usage	Res. Connection Fee
SHASTA	Felton	Lompico County Water District	11/01/2011	Bi-monthly	\$46.55	\$102.29	\$148.84	Inclining	1,200	20	\$-
	Santa Cruz	Santa Cruz Water Department	01/01/2011	Monthly	\$17.41	\$59.03	\$76.44	Inclining	91,500	8	\$6,530
	Scotts Valley	Scotts Valley Water District	12/15/2012	Bi-monthly	\$23.95	\$60.77	\$84.72	Inclining	11,700		
	City of Redding	City of Redding Water Utility	07/01/2011	Monthly	\$10.99	\$15.15	\$26.14	Uniform	90,200	13	\$6,889
SISKIYOU	Redding	Mountain Gate Community Services District	06/12/2012	Monthly	\$29.72	\$6.72	\$36.44	Inclining	3		
	Montague City	City of Montague	01/15/2010	Monthly	\$42.45	\$26.07	\$68.52	Uniform	1,443	13	\$-
	Weed	City of Weed	03/01/2013	Monthly	\$18.63	\$104.79	\$123.42	Uniform	2,963	2	
	Town of McCloud	McCloud Community Services District	10/01/2009	Monthly	\$31.41	\$-	\$31.41	Uniform	1,100	0	\$1,300
SOLANO	Dixon	California Water Service Company	05/01/2013	Monthly	\$21.51	\$30.05	\$51.56	Inclining	9,000	18	\$-
	Fairfield CA	City of Fairfield	05/17/2012	Bi-monthly	\$22.50	\$28.50	\$51.00	Uniform	101,753	12	\$5,742
	Vacaville	City of Vacaville	03/01/2013	Bi-monthly	\$15.51	\$21.96	\$37.47	Uniform	94,000	17	\$2,182
	City of Vallejo	Vallejo Water Division	07/01/2013	Bi-monthly	\$22.20	\$43.20	\$65.40	Inclining	118,300	22	\$8,540
SONOMA	Bodega Bay	Bodega Bay Public Utility District	07/01/2013	Bi-monthly	\$21.53	\$70.05	\$91.58	Inclining	2,550	6	\$5,444
	Santa Rosa	City of Santa Rosa	01/15/2010	Monthly	\$11.35	\$58.08	\$69.43	Inclining	168,000	11	
	Sonoma	City of Sonoma	02/01/2012	Bi-monthly	\$36.84	\$39.49	\$76.33	Inclining	11,387	11	\$13,411
	Forestville	Russian River CSD	07/01/2010	Monthly	\$18.50	\$44.00	\$62.50	Inclining	2,500	5	\$9,000
STANISLAUS	Guerneville and Monte Rio	Sweetwater Springs Water District	07/01/2012	Bi-monthly	\$31.38	\$69.13	\$100.51	Inclining	8,000	7	\$4,370
	Ceres	City of Ceres Water Division	07/01/2013	Monthly	\$20.42	\$11.00	\$31.42	Inclining	45,670	21	\$5,085
	City of Sutter	Sutter Community Services District	06/01/2006	Monthly	\$8.48	\$16.65	\$25.13	Uniform	2,904	15	\$7,500
		Lassen Volcanic National Park	10/01/2012	Monthly	\$30.00	\$30.00	\$60.00	Uniform	300,000	20	
TEHAMA	Sonora	Tuolumne Utilities District	07/01/2012	Bi-monthly	\$34.44	\$29.05	\$63.49	Inclining	51,000	9	\$4,205
TUOLUMNE	Camarillo	Camrosa Water District	07/01/2013	Monthly	\$11.56	\$37.59	\$49.15	Inclining			
VENTURA	Oak View	Casitas Municipal Water District	07/01/2013	Bi-monthly	\$20.31	\$15.52	\$35.83	Inclining		30	
	Camarillo	City of Camarillo	01/01/2013	Monthly	\$16.47	\$31.50	\$47.97	Inclining			
	Oxnard	City of Oxnard	01/01/2003	Monthly	\$14.30	\$45.33	\$59.63	Inclining	201,499	12	\$3,133
	Port Hueneme	City of Port Hueneme	07/01/2012	Bi-monthly	\$42.16	\$41.40	\$83.56	Uniform	22,500	11	
	Simi Valley	City of Simi Valley	01/01/2010	Bi-monthly	\$16.63	\$36.75	\$53.38	Inclining			
	Thousand Oaks	City of Thousand Oaks	03/01/2012	Monthly	\$17.11	\$54.15	\$71.26	Inclining			
	Ojai	Meiners Oaks Water District	07/01/2009	Monthly	\$22.53	\$22.05	\$44.58	Uniform	4,200	1	\$3,800
	Oak Park	Oak Park Water	07/01/2013	Monthly	\$15.23	\$64.53	\$79.76	Inclining			
YOLO	Davis	City of Davis	05/01/2013	Monthly	\$17.33	\$20.25	\$37.58	Inclining	68,000	14	\$8,970
	Winters	City of Winters	07/01/2007	Monthly	\$20.03	\$16.35	\$36.38	Uniform	6,750	18	\$4,346
YUBA	Linda	Linda County Water District	07/01/2011	Monthly	\$6.50	\$10.50	\$17.00	Uniform	12,000	25	\$4,390
	(unincorporated) North East	North Yuba Water District	04/30/2008	Bi-monthly	\$12.50	\$11.25	\$23.75	Other	3,500	20	\$-

Nevada Survey Participants

Water Service Provider	Effective Date	Billing Frequency	Fixed Charge	Commodity Charge	Total Charge	Rate Format	Service Population	Current Avg. Res. Usage	Res. Connection Fee
Las Vegas Valley Water District	5/1/2012	Monthly	\$10.06	\$19.29	\$29.35	Inclining	1,200,000	17	\$1,440
Big Bend Water District	07/01/2006	Monthly	\$7.10	\$29.70	\$36.80	Inclining	7,900		\$3,075
Virgin Valley Water District	11/01/2010	Monthly	\$18.09	\$39.76	\$57.85	Inclining	18,000	12	\$5,770
City of Henderson	01/01/2013	Monthly	\$11.95	\$18.86	\$30.81	Inclining	269,916	20	\$1,600
City of North Las Vegas	10/01/2012	Monthly	\$9.30	\$21.04	\$30.34	Inclining	317,748		\$1,420
Moapa Valley Water District	01/01/2011	Monthly	\$29.79	\$24.23	\$54.02	Inclining	8,000	17	\$3,963
Gardnerville Water Company	01/01/2000	Bi-monthly	\$14.00	\$8.96	\$22.96	Inclining	2,500	22	\$11,500
Kingsbury General Improvement District	01/01/2013	Monthly	\$62.92	\$28.80	\$91.72	Inclining	5,000	20	\$-
City of Winnemucca	01/01/2010	Monthly	\$2.10	\$13.75	\$15.85	Uniform	10,000	37	\$2,300
Carson City Public Works	10/01/2010	Monthly	\$22.05	\$40.95	\$63.00	Inclining	56,000	16	\$454
Lovelock Meadows Water District	07/01/2007	Monthly	\$31.80	\$8.60	\$40.40	Inclining	7,133	8	\$2,500
Canyon G.I.D.	01/01/2008	Monthly	\$43.00	\$-	\$43.00	Inclining	1,600	7	\$-
Truckee Meadows Water Authority	02/01/2012	Monthly	\$17.12	\$24.22	\$41.34	Inclining	325,000	14	\$5,700
Incline Village GID	05/19/2012	Monthly	\$27.62	\$14.08	\$41.70	Inclining	9,200	8	\$4,920

Background on CA-NV AWWA & RFC

The California-Nevada Section is the largest regional section of the American Water Works Association, “the authoritative resource on safe water,” with about one-tenth of the AWWA membership. Since 1881, AWWA has led the development and dissemination of water industry guidelines, standards, procedures, training and other information.

To fulfill its mission of leading, educating, and serving the drinking water community to ensure public health and to provide safe and sufficient water for all, CA-NV AWWA offers a number of educational opportunities such as conferences, workshops, Water Education Seminars, and the Water College. CA-NV also manages six professional certification programs serving over 20,000 individuals, helping to ensure drinking water safety for over 35 million people. The Section publishes a quarterly journal, *Source*, and helps disseminate technical input on drinking water issues to state regulators and legislators.

ADDITIONAL COPIES OF THE SURVEY CAN BE OBTAINED BY CONTACTING:

CA-NV AWWA AT (909) 291-2113
10435 Ashford Street, 2nd Floor
Rancho Cucamonga, CA 91730

Raftelis Financial Consultants, Inc. (RFC) is a full service water and wastewater financial consulting firm with offices located across the country in Pasadena, CA; Kansas City, MO; Orlando, FL; Raleigh, NC; Austin, TX; Centennial, CO; and Charlotte, NC. RFC specializes in a variety of different services for water, wastewater, and stormwater utilities including:

- » Cost of service rate studies
- » Revenue bond feasibility studies
- » Conservation pricing studies
- » Strategic financial planning studies
- » Valuation studies
- » Utility Management studies

In addition, RFC provides litigation support, procurement assistance, and management consulting for municipal utilities. RFC personnel have been conducting a comprehensive national water and wastewater rate survey biennially since 1986 and have gained extensive data on utilities across the country. We teamed with AWWA to produce a national 2012 Water and Wastewater Rate Survey that can be obtained from AWWA. We welcome any suggestions for enhancing the survey as a benchmarking tool for the utilities we serve.

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