



## Item No. 15 Town of Atherton

### **CITY COUNCIL STAFF REPORT – REGULAR AGENDA**

**TO: HONORABLE MAYOR AND CITY COUNCIL**

**FROM: GEORGE RODERICKS, CITY MANAGER**

**DATE: APRIL 17, 2019**

**SUBJECT: DISCUSSION AND DIRECTION REGARDING THE AMENDED AND RESTATED FRANCHISE AGREEMENT BETWEEN THE TOWN OF ATHERTON AND RECOLOGY SAN MATEO COUNTY FOR RECYCLABLE MATERIALS , ORGANIC MATERIALS, AND SOLID WASTE COLLECTION SERVICES**

#### **RECOMMENDATION**

Review report and provide direction for next steps with respect to the Amended and Restated Franchise Agreement between the Town of Atherton and Recology San Mateo County for Recyclable Materials, Organic Materials, and Solid Waste Collection Services.

#### **BACKGROUND**

The Town is a member of the South Bay Waste Management Authority (SBWMA). The SBWMA (also known as “RethinkWaste”) is a Joint Powers Authority (JPA) that was formed in 1982 with the goal of providing cost effective programs for its member agencies to meet the state mandate waste diversion target.

The 12-member agencies consist of Atherton, Belmont, Burlingame, East Palo Alto, Foster City, Hillsborough, Menlo Park, Redwood City, San Carlos, San Mateo, the County of San Mateo and the West Bay Sanitary District. Through the JPA, these member agencies own and manage the Shoreway Environmental Center which receives all of the recyclables, organics, and garbage collected in its service area.

The SBWMA provides oversight, support and management of service providers that collect, process, recycle and dispose of materials for the member agencies. As a separate legal entity, the SBWMA operates with a Board of Directors comprised of elected officials from its member agencies and agency staff consisting of an Executive Director, and full-time staff to administer the Agencies various programs and services. In addition to contract management of Recology, South Bay Recycling, and associated contracts (disposal and reuse), the SBWMA administers training programs, educational programs, and outreach.

Subcommittee Member Widmer assisted in the preparation of this Report.

**FINDINGS/ANALYSIS**

As a member of the SBWMA, the Town is part of a 10-year contract between the SBWMA, member agencies, and Recology. This contract expires on December 31, 2020. Within the contract, there is a requirement to “meet and confer” on the possibility for extension during 2017. The 2017 decision timeline was established to allow sufficient time, if needed, to conduct a full competitive procurement process if no extension was granted.

In March 2016, the Council discussed the process for negotiation of amendments to the Town’s Franchise Agreement consistent with a Model Franchise Agreement that would be developed by the SBWMA. Once the Model Franchise Agreement was drafted and accepted by the SBWMA, staff and the Town’s City Council Refuse Subcommittee met with Recology to negotiate Atherton-specific provisions that would be incorporated into the Amended Franchise Agreement.

Staff and Recology addressed all significant legal and policy issues to allow the Town to adopt the Amended and Restated Agreement between the Town and Recology should it desire to do so. Those details were highlighted and discussed at prior meetings of the Council. Following that discussion, the Council directed that staff investigate any opportunity to partner with Portola Valley and Woodside as they explore an extension to their franchise with Green Waste; and, asked staff to return with a brief rate comparison to similar agencies such as Hillsborough, Ross, Woodside, Portola Valley, Tiburon, and Belvedere.

Portola Valley and Woodside

Staff connected with the Towns of Portola Valley and Woodside to determine if there was any interest in partnering on an extension to their franchise. Both communities responded that while they would certainly discuss their services with the Town and their relationship with Green Waste; partnering with Atherton on any amendment or extension of their franchise would not coincide with their timing.

Specific Agency Comparative Rates – Rates for Trash Carts

<b>Agency</b>	<b>20-gal</b>	<b>32-gal</b>	<b>64-gal</b>	<b>96-gal</b>
Hillsborough*	\$35.55	\$49.61	\$76.42	\$107.81
Woodside	\$19.27	\$30.85	\$61.68	\$92.55
Portola Valley	\$19.27	\$30.85	\$61.68	\$92.55
Belvedere	\$47.13	\$58.26	\$98.84	\$139.43
Ross	\$29.08	\$34.22	\$68.44	\$102.66
Tiburon	\$39.33	\$44.37	\$80.79	\$116.60
Mill Valley	\$44.67	\$49.26	\$82.26	\$115.19
Piedmont	\$79.84	\$84.60	\$116.55	\$130.52
Atherton	\$25.00	\$50.00	\$93.00	\$138.00

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\*Hillsborough has a \$300/year property tax assessment for all properties. This effectively raises their rates by \$25 per month. That is included in the above rate summary.

Specific Agency Comparative Rates – Organic Carts

Agency	1-Cart	2-Carts	3-Carts	4-Carts	5-Carts
Hillsborough	\$0	\$20	\$40	\$60	\$80
Woodside	Residents Provide Their Own 32-Gallon Carts				
Portola Valley	Residents Provide Their Own 32-Gallon Carts				
Belvedere	\$18.76				
Ross	\$14.65	\$29.30	\$43.95	\$58.60	\$73.25
Tiburon	\$14.77				
Mill Valley	\$14.50				
Piedmont	\$0				
Atherton (additional beyond 2)	\$20	\$40	\$60	\$80	\$105

Below is a table of the SBWMA Agencies and their rates. The expanded columns for Atherton and Hillsborough are explained below.

2019	20 GAL	32 GAL	64 GAL	96 GAL	extended costs	20 Gal	32 Gal	64 Gal	96 Gal
ATH	\$25.00	\$50.00	\$93.00	\$138.00	\$30/month	\$55.00	\$80.00	\$123.00	\$168.00
BEL	\$26.07	\$36.47	\$71.80	\$107.70	average green cart cost 3812 additional green carts or 1.5/address (\$30 extra per resident over base rate)				
BUR	\$13.67	\$25.28	\$50.57	\$75.05					
CSM	\$33.65	\$39.99	\$61.95	\$88.00					
EPA	\$48.56	\$48.56	\$48.56	\$48.56					
FOC	\$14.76	\$23.64	\$47.27	\$70.91					
HIL	\$15.55	\$24.61	\$51.42	\$82.81	\$25/month	\$40.55	\$49.61	\$76.42	\$107.81
MAT	\$14.61	\$23.36	\$51.46	\$79.51	property tax add-on for vacation suspension and absentee homeowner				
MPK	\$19.90	\$28.60	\$61.19	\$88.92					
NFO	\$33.40	\$33.40	\$33.40	\$84.14					
RWC	\$12.87	\$30.86	\$61.73	\$91.64					
SNC	\$24.13	\$35.23	\$56.94	\$73.92					
WBS	\$39.00	\$49.00	\$72.00	\$105.00					
	note only Atherton charges for green cart								
	note Atherton minimum charge is \$25 even for absentee homeowners								

Mayor Widmer met with the Hillsborough SBWMA representative. That representative indicated that while their costs were as shown above along with the other SBWMA jurisdictions, there is an additional \$300/year added to each resident’s property tax to cover costs associated with pickups during time when the residents have suspended service or in the case of an absentee homeowner (115 homes per their housing element report). Hillsborough does not charge for a green waste cart unless the resident wants additional carts. Then, there is a flat fee for those additional carts as noted above. It is unknown how many *additional* carts Hillsborough residents have opted for beyond the base cart. Hillsborough is a community of 12,000 resident and 3,800 homes. The extrapolated columns above add the \$25 to each cart rate for a true rate inclusive of the property tax addition.

Atherton charges residents for green carts beyond the basic allocation of two. Additional carts are assessed monthly. Atherton residents have *opted up* for 3,812 additional carts which equates to approximately 1.5 per household. The extrapolated columns above adds \$30 to each cart rate for a true up rate assuming each household had 3.5 green carts.

Financial Issues Related to Franchise Negotiations and the SBWMA

*Cost/Benefit of Leaving the SBWMA*

As a member of the SBWMA, the Town has incurred shared costs related to the improvement of facilities and programs at the SBWMA facility. These improvements are funded through bond obligations of the SBWMA. The Town's share of these costs, based on an allocated percentage flowing from actual tonnage moving through the facility, are estimated at 2.7% or approximately \$1.3 million. The total bond obligation is approximately \$48 million. The SBWMA is presently processing a refinancing of the bond obligation to a lower interest rate and longer funding horizon in order to increase the bond amount by \$20 million. Essentially, the SBWMA would extend the funding horizon by 6 years and maintain approximately the same level of annual debt service - \$4.1 to \$4.3 million. This additional funding would not significantly increase the annualized cost per member agency; but it would increase the individual agency's overall bond liability.

Using \$5 million in currently available capital funds and adding the \$20 million in new bond revenue, \$15 million would be dedicated to expansions at the material recovery facility and \$10 million would be allocated to new organic material processing. The Town's share of the new bond obligation would continue to be based on actual tonnage moving through the facility in each independent waste stream (commercial, residential, and organics).

Leaving the SBWMA would require the Town to repay its share of the bond obligation, unless negotiated otherwise. While the Town could use its Rate Stabilization Fund to repay its portion, doing so would likely deplete the fund and subject residents to potential increased rate fluctuations during transition to a new hauler. The current balance in the Town's Rate Stabilization Fund is \$1,718,093 at the end of Rate Year 2017.

The current SBWMA Agreement provides the following:

*"This Agreement shall continue at least until December 31, 2019, or such further period of time necessary to repay any revenue bonds issued by the SBWMA, and thereafter shall continue until terminated or dissolved by a vote taken in accordance with Section 10.8 of this Agreement...."*

This section allows the SBWMA Agreement to essentially continue until dissolved by its membership. The term does not expire on December 31, 2019.

To withdraw from the SBWMA:

*"A member may not withdraw from the SWBMA unless and until that Member achieves the following:*

- a) The liquidation in full of its proportion of any and all existing debts, obligations, and liabilities incurred, earned, or expected to be earned by the date of withdrawal, but not limited to the Revenue Bonds, as determined by the Board.*

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- b) *The provision to the SBWMA of a written notice of intent to withdraw from the SBWMA at least six (6) months prior to the end of the current Rate Year, specifying the date on which the Member intends to withdraw.*
- c) *The approval of such withdrawal by a 4/5 affirmative vote of Equity Members."*

If the Town wished to withdraw from the SBWMA and engage a different refuse and recycling service provider by the end of 2020, the Town would need to issue its notice of intent to withdraw by June 2020.

### *Term and Cost of the Franchise Agreement*

The term of the current refuse franchise agreement is 10 years. The new Amended and Restated Franchise Agreement extends the current agreement, as amended, for a period of 15 years. In today's dollars, Recology's Annual Cost of Contract is approximately \$1.574 million. In addition, the Town also pays as a member of the SBWMA another \$1.525 million for processing, disposal, special contracts, debt service and administration of the JPA itself. Together, these costs are what the Town allocates to residents via rates. Both of these cost centers are expected to rise year over year.

In anticipation of the Amended and Restated Franchise Agreement beginning in 2021, in September 2018, the Executive Director of the SBWMA advised member agencies to begin to increase their rate structures to address the anticipated franchise cost starting point for 2021. This was primarily directed to those agencies that had not developed a Rate Stabilization Surplus to smooth out rate adjustments. The Town maintains a Rate Stabilization Surplus Fund (approximately \$1.3 million). It was anticipated that the 2021 costs would be at least 10% higher than the 2018 costs. This was a result of an anticipated 8.3% contract amendment as part of the Amended and Restated Franchise Agreement and a projected fuel CPI adjustment.

The Town's anticipated Rate Surplus for Rate Year 2018 is \$211,891. This would be added to the existing fund balance of \$1.718 million.

Over the course of a 15-year agreement, costs could escalate by as much as 3% to 5% per year. At that rate, resident costs could substantially increase over the life of the contract. Recology fees could rise from \$1.574 million to \$2.619 million (3% per year) or as much as \$3.429 million (5% per year). SBWMA costs could increase from \$1.525 million to \$2.376 million (3% per year) to as much as \$3.17 million (5% per year).

Material processing costs have risen substantially over the last few years and are expected to continue as the processing facility is facing issues mostly associated with the older technology and the explosive growth of commercial (multi-family residents are considered commercial) properties. The additional bond funds will assist in automating and upgrading the facilities. Other projects, such as organics to energy, are also in planning phases for the SBWMA. There are revenue and grant fund offsets to some of these projects.

### **POLICY FOCUS**

The Town could move forward with the current negotiated Amended and Restated Franchise Agreement and remain in the SBWMA continuing to focus on limiting any future Town cost exposure. If the Council desired to move forward with the Amended and Restated Franchise Agreement, staff would return the item for Council approval at the May City Council meeting.

Alternatively, the Town could opt to use funds within the Rate Stabilization Fund to engage a consultant to assist the Town with pursuit of an independent bidding process for a refuse service vendor. Timing of such a process would require that we engage with a consultant in order to facilitate a transition, if required, in 2020. The options under this alternative would include remaining in the SBWMA but selecting an alternative service provider or moving forward with an alternative service provider and exiting the SBWMA if the savings so indicated. Staff would draft a Request for Proposal to return to the Council for approval at the May 15, 2019 Meeting. A consultant would be selected at the June 19, 2019 Meeting and work would begin on crafting a Request for Bid.

The current bid from Recology will remain valid until December 31, 2020. In essence, the Town could go through a bid exercise and remain in the SBWMA with Recology under the current proposed Amended and Restated Franchise Agreement.

### **FINANCIAL IMPACTS**

None.

### **PUBLIC NOTICE**

Public notification was achieved by posting the agenda, with this agenda item being listed, at least 72 hours prior to the meeting in print and electronically. Information about the project is also disseminated via the Town's electronic News Flash and Atherton Online. There are approximately 1,200 subscribers to the Town's electronic News Flash publications. Subscribers include residents as well as stakeholders – to include, but be not limited to, media outlets, school districts, Menlo Park Fire District, service providers (water, power, and sewer), and regional elected officials.

### **ATTACHMENTS**

PDF of 2017 state wide rates (note 2018 study not yet published)

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# 2017 Solid Waste Company Rate Survey

Prepared by:  
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**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Alameda	Alameda County	76,419	\$38.68	\$34.47	\$294.71
Albany	Alameda County	19,192	\$41.31	\$34.94	\$329.18
Berkeley	Alameda County	112,580	\$39.19	\$32.21	\$263.71
Castro Valley	Alameda County	61,388	\$38.07	\$36.53	\$471.72
Castro Valley School Valley	Alameda County	9,000	\$39.13	\$39.81	\$514.96
Dublin	Alameda County	46,036	N/A	N/A	N/A
Emeryville	Alameda County	10,007	\$18.31	N/A	N/A
Fremont	Alameda County	224,922	\$31.89	\$17.19	\$123.04
Hayward	Alameda County	151,574	\$30.70	\$24.84	\$235.83
Livermore	Alameda County	80,458	N/A	N/A	N/A
Newark	Alameda County	42,573	\$29.89	\$22.76	\$226.66
Oakland	Alameda County	382,586	\$40.60	\$41.04	\$345.74
Oro Loma Area L1	Alameda County	N/A	\$17.04	\$19.16	\$206.04
Oro Loma Area L2	Alameda County	N/A	\$17.04	\$19.16	\$206.04
Oro Loma Area L3	Alameda County	N/A	\$19.76	\$22.34	\$239.42
Piedmont	Alameda County	11,082	\$60.40	N/A	N/A
Pleasanton	Alameda County	74,110	\$33.80	\$33.99	N/A
San Leandro	Alameda County	87,965	\$28.46	\$19.97	\$252.47
Union City	Alameda County	72,528	\$32.60	\$32.75	\$253.85
<b>Alameda County Average</b>			<b>\$32.76</b>	<b>\$28.74</b>	<b>\$283.10</b>
Butte Valley	Butte County	899	\$27.14	N/A	\$423.35
Cherokee	Butte County	60	\$27.14	N/A	\$423.35
Chico	Butte County	86,187	\$18.51	N/A	N/A
Durham	Butte County	5,518	\$21.82	N/A	N/A
Magalia	Butte County	11,310	\$20.75	N/A	N/A
Oroville	Butte County	15,546	\$21.82	\$21.82	N/A
Yankee Hill	Butte County	333	\$27.14	N/A	\$423.35
<b>Butte County Average</b>			<b>\$23.47</b>	<b>\$21.82</b>	<b>\$423.35</b>
Brentwood	Contra Costa County	51,481	\$24.67	N/A	\$226.77
Concord	Contra Costa County	122,067	\$30.35	N/A	N/A
Alamo	Contra Costa County	14,570	\$23.62	\$22.39	\$284.04
Danville	Contra Costa County	42,039	\$26.71	\$23.42	\$301.94
El Cerrito	Contra Costa County	24,316	\$43.00	\$43.00	\$559.51
El Sobrante	Contra Costa County	12,669	\$38.07	\$36.53	\$471.72
Hercules	Contra Costa County	24,848	\$34.60	\$39.70	\$413.93
Lafayette	Contra Costa County	23,893	\$30.20	\$31.58	\$368.84
Martinez	Contra Costa County	37,165	\$27.73	\$28.89	\$248.39
Moraga	Contra Costa County	16,016	\$29.98	\$28.39	\$347.70
Oakley	Contra Costa County	35,432	N/A	\$32.37	N/A
Orinda	Contra Costa County	18,681	\$36.57	\$33.68	\$342.06
Pinole	Contra Costa County	18,902	\$33.11	\$41.32	\$415.06
Pittsburg	Contra Costa County	63,264	\$35.95	N/A	N/A
Richmond	Contra Costa County	107,571	\$33.32	\$40.66	\$365.40
San Pablo	Contra Costa County	29,685	\$28.84	\$37.29	\$366.69
San Ramon	Contra Costa County	72,148	\$27.54	\$40.23	\$247.03
Walnut Creek	Contra Costa County	64,173	\$22.07	\$28.84	\$216.23
<b>Contra Costa County Average</b>			<b>\$30.96</b>	<b>\$33.89</b>	<b>\$345.02</b>

**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Fresno	Fresno County	494,665	N/A	\$19.39	\$65.32
Mountain Service Rate	Fresno County	N/A	\$47.67	\$47.67	\$110.61
Rural with Green Waste	Fresno County	N/A	\$39.50	\$39.50	\$103.65
Rural without Green Waste	Fresno County	N/A	\$33.72	\$33.72	\$97.22
Urban Area	Fresno County	N/A	\$25.56	\$25.56	\$89.53
Urban Area	Fresno County	N/A	\$25.56	\$25.56	\$89.53
<b>Fresno County Average</b>			<b>\$34.40</b>	<b>\$31.90</b>	<b>\$92.64</b>
Arcata	Humboldt County	17,231	\$25.79	\$25.79	\$261.36
<b>Humboldt County Average</b>			<b>\$25.79</b>	<b>\$25.79</b>	<b>\$261.36</b>
Bakersfield	Kern County	347,483	\$16.31	\$16.63	\$104.36
Mcfarland	Kern County	12,707	\$23.55	\$23.55	\$93.91
Ridgecrest	Kern County	27,616	\$12.70	N/A	N/A
<b>Kern County Average</b>			<b>\$17.52</b>	<b>\$20.09</b>	<b>\$99.14</b>
Agoura Hills	Los Angeles County	20,330	\$18.29	\$18.29	\$80.89
Alhambra	Los Angeles County	83,089	\$21.51	N/A	N/A
Arcadia	Los Angeles County	56,364	\$20.32	N/A	\$121.97
Artesia	Los Angeles County	16,522	\$22.71	N/A	N/A
Azusa	Los Angeles County	46,361	\$21.37	\$32.36	\$104.06
Baldwin Park	Los Angeles County	75,390	\$19.59	\$19.59	\$169.33
Beverly Hills	Los Angeles County	34,109	\$18.31	\$42.30	\$105.40
Burbank	Los Angeles County	103,340	\$17.79	\$17.79	\$144.39
Calabasas	Los Angeles County	23,058	\$16.73	N/A	N/A
Claremont	Los Angeles County	34,926	\$32.06	N/A	N/A
Covina	Los Angeles County	47,796	\$25.44	\$25.44	\$133.71
Diamond Bar	Los Angeles County	55,544	\$22.06	\$22.06	\$132.98
Duarte	Los Angeles County	21,321	\$18.60	\$18.60	N/A
El Monte	Los Angeles County	113,475	\$25.11	N/A	N/A
Glendora	Los Angeles County	50,073	\$27.54	N/A	N/A
La Puente	Los Angeles County	39,816	\$25.97	N/A	N/A
La Verne	Los Angeles County	31,063	\$21.10	N/A	N/A
Lawndale	Los Angeles County	32,769	\$10.21	\$10.21	\$102.17
Monrovia	Los Angeles County	36,590	\$20.22	\$40.67	\$150.08
Monterey Park	Los Angeles County	60,269	\$26.08	N/A	N/A
Palmdale	Los Angeles County	152,750	\$28.00	\$31.13	\$88.69
Pasadena	Los Angeles County	137,122	\$40.99	N/A	N/A
Pomona	Los Angeles County	149,058	\$28.16	N/A	N/A
Rancho Palos Verdes	Los Angeles County	41,643	\$19.40	\$19.40	\$86.49
Rolling Hills Estates	Los Angeles County	8,067	\$28.30	\$28.30	\$87.44
San Dimas	Los Angeles County	33,371	\$23.15	\$23.15	\$134.85
San Gabriel	Los Angeles County	39,718	\$31.73	N/A	\$194.66
San Marino	Los Angeles County	13,147	\$36.21	N/A	\$133.94
Santa Clarita	Los Angeles County	176,320	\$22.50	\$22.50	\$73.32
Santa Monica	Los Angeles County	89,736	\$38.31	\$22.86	\$144.15
Sierra Madre	Los Angeles County	10,917	\$31.60	N/A	\$152.22
South Pasadena	Los Angeles County	25,619	\$40.71	N/A	\$145.63
Temple City	Los Angeles County	35,558	\$29.99	N/A	N/A

**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Torrance	Los Angeles County	145,438	\$26.58	N/A	N/A
Walnut	Los Angeles County	29,172	\$21.38	N/A	\$131.35
West Covina	Los Angeles County	106,098	\$27.77	N/A	\$171.08
Whittier	Los Angeles County	85,331	\$22.37	\$22.37	\$110.68
		<b>Los Angeles County Average</b>	<b>\$25.09</b>	<b>\$24.53</b>	<b>\$126.06</b>
Almonte	Marin County	N/A	\$28.33	\$28.13	\$221.33
Belvedere	Marin County	2,122	\$46.25	\$43.66	\$362.05
Corte Madera	Marin County	9,459	\$32.47	\$40.59	\$257.93
East Sausalito	Marin County	7,061	\$36.90	\$37.78	\$67.36
Fairfax	Marin County	7,441	\$32.18	\$37.95	\$316.30
Fairfax Hill Area	Marin County	N/A	\$37.59	N/A	N/A
Homestead	Marin County	10,735	\$30.56	\$30.56	\$269.80
Larkspur	Marin County	11,926	\$37.22	N/A	N/A
Las Gallinas	Marin County	N/A	\$29.62	N/A	N/A
Marin County	Marin County	N/A	\$49.27	\$47.65	\$293.77
Mill Valley	Marin County	14,311	\$41.61	\$40.52	\$311.61
Mill Valley Hill Area	Marin County	N/A	\$47.30	\$40.15	\$308.85
Novato	Marin County	51,904	\$19.33	\$20.94	\$199.68
Paradise Cay, Paradise, Mar East	Marin County	N/A	\$46.76	\$46.76	N/A
Ross	Marin County	2,415	\$29.82	\$29.82	N/A
Ross Valley South Sanitary District Flat	Marin County	N/A	\$17.55	\$15.75	\$170.05
Ross valley South Sanitary District Hill Area	Marin County	N/A	\$20.15	\$15.75	\$170.05
San Anseimo	Marin County	12,336	\$36.62	\$41.05	\$417.28
San Rafael	Marin County	57,713	\$32.05	\$31.85	\$304.20
San Rafael Hill Area	Marin County	N/A	\$36.31	\$31.85	\$304.20
Shoreline & Gibson	Marin County	N/A	\$46.76	\$46.76	N/A
Strawberry	Marin County	5,393	\$30.94	\$45.78	\$302.96
Tiburon	Marin County	9,224	\$39.02	\$53.40	\$321.01
Alto	Marin County	711	\$37.55	\$37.39	\$322.22
West Sausalito	Marin County	N/A	\$39.03	\$37.78	\$67.36
		<b>Marin County Average</b>	<b>\$35.25</b>	<b>\$36.45</b>	<b>\$262.53</b>
Point Arena	Mendocino County	490	\$28.14	\$23.78	
Ukiah	Mendocino County	16,075	\$42.99	\$44.64	\$189.70
		<b>Mendocino County Average</b>	<b>\$35.57</b>	<b>\$34.21</b>	<b>\$189.70</b>
Los Banos	Merced County	35,972	\$34.14	\$34.14	N/A
		<b>Merced County Average</b>	<b>\$34.14</b>	<b>\$34.14</b>	<b>N/A</b>
Mammoth Lakes	Mono County	8,234	\$40.80	N/A	\$200.50
		<b>Mono County Average</b>	<b>\$40.80</b>	<b>N/A</b>	<b>\$200.50</b>
Carmel	Monterey County	3,722	\$39.13	\$39.81	\$514.96
Gonzales	Monterey County	8,187	\$25.35	N/A	N/A
Marina	Monterey County	19,718	\$13.94	N/A	\$152.84
Pacific Grove	Monterey County	15,041	\$21.05	\$18.56	\$170.76
Sand City	Monterey County	341	\$15.20	\$20.36	\$139.44
Seaside	Monterey County	33,025	\$23.03	\$20.36	\$171.67
		<b>Monterey County Average</b>	<b>\$22.95</b>	<b>\$24.77</b>	<b>\$229.93</b>
American Canyon	Napa County	19,454	\$26.61	N/A	N/A

**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Calistoga	Napa County	5,254	\$25.89	N/A	\$336.90
Napa	Napa County	79,068	\$27.14	N/A	\$423.35
Napa County	Napa County	140,326	\$34.39	N/A	\$369.89
St. Helena	Napa County	5,947	\$34.39	N/A	\$369.93
Yountville	Napa County	2,973	\$25.87	\$25.87	\$334.20
<b>Napa County Average</b>			<b>\$29.05</b>	<b>\$25.87</b>	<b>\$366.85</b>
Grass Valley	Nevada County	12,860	\$17.86	\$18.47	\$270.94
Anaheim	Orange County	336,265	\$20.91	\$50.44	\$133.00
Cypress	Orange County	47,802	\$13.28	N/A	N/A
Fountain Valley	Orange County	55,313	\$18.84	N/A	\$118.67
Huntington Beach	Orange County	189,992	\$19.61	N/A	N/A
Laguna Beach	Orange County	22,723	\$17.64	N/A	N/A
Laguna Hills	Orange County	30,344	\$14.13	\$27.15	\$112.60
Orange	Orange County	136,416	\$12.95	\$37.58	\$93.96
San Clemente	Orange County	63,522	\$18.98	\$26.03	\$143.89
San Juan Capistrano	Orange County	34,593	\$16.49	\$19.12	\$87.28
Stanton	Orange County	38,186	\$19.95	N/A	N/A
Villa Park	Orange County	5,812	\$20.96	\$47.37	\$146.21
Yorba Linda	Orange County	64,234	\$20.00	\$20.00	\$128.07
<b>Orange County Average</b>			<b>\$17.82</b>	<b>\$30.77</b>	<b>\$137.18</b>
Auburn	Placer County	13,330	\$17.57	\$17.57	\$180.25
Colfax	Placer County	1,963	\$17.57	\$17.57	\$180.25
Lincoln	Placer County	42,819	\$17.57	\$17.57	\$180.25
Loomis	Placer County	6,430	\$17.57	\$17.57	\$180.25
Rocklin	Placer County	56,974	\$17.57	\$17.57	\$180.25
Roseville	Placer County	118,788	\$17.57	\$17.57	\$180.25
<b>Placer County Average</b>			<b>\$17.57</b>	<b>\$17.57</b>	<b>\$180.25</b>
Blythe	Riverside County	20,817	\$15.03	\$35.21	\$69.86
Calimesa	Riverside County	7,879	\$20.46	N/A	\$85.40
Eastvale	Riverside County	53,668	\$25.71	\$25.71	\$100.90
Hemet	Riverside County	78,657	\$18.95	\$24.54	\$117.81
Riverside	Riverside County	303,871	\$23.22	\$15.95	\$139.33
Citrus Heights	Sacramento County	83,301	\$18.72	\$18.72	N/A
Elk Grove	Sacramento County	153,015	N/A	\$22.44	N/A
Folsom	Sacramento County	72,203	\$22.50	N/A	\$87.00
Galt	Sacramento County	23,647	\$23.33	N/A	\$165.21
Rancho Cordova	Sacramento County	64,776	\$19.46	N/A	N/A
<b>Sacramento County Average</b>			<b>\$21.00</b>	<b>\$20.58</b>	<b>\$126.11</b>
Apple Valley	San Bernardino County	69,135	\$47.42	\$47.42	\$150.00
Chino	San Bernardino County	77,983	\$22.80	N/A	N/A
Chino Hills	San Bernardino County	74,799	\$19.84	N/A	N/A
Colton	San Bernardino County	52,154	\$23.79	\$23.79	\$118.14
Hesperia	San Bernardino County	90,173	\$24.96	\$51.16	\$170.74
Highland	San Bernardino County	53,104	\$23.91	N/A	N/A
Ontario	San Bernardino County	163,924	\$20.27	N/A	\$201.00
San Bernardino	San Bernardino County	209,924	\$22.84	\$22.84	\$112.10

**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Upland	San Bernardino County	73,732	\$16.47	\$20.33	\$248.96
Victorville	San Bernardino County	115,903	\$20.17	N/A	N/A
Yucaipa	San Bernardino County	51,367	\$16.88	N/A	N/A
		<b>San Bernardino County Average</b>	<b>\$23.58</b>	<b>\$33.11</b>	<b>\$166.82</b>
Carlsbad	San Diego County	105,328	\$18.85	N/A	N/A
Lemon Grove	San Diego County	25,320	\$21.10	N/A	\$106.28
Oceanside	San Diego County	167,086	\$18.13	\$20.53	\$100.07
Poway	San Diego County	47,811	\$14.62	N/A	\$107.66
		<b>San Diego County Average</b>	<b>\$18.18</b>	<b>\$20.53</b>	<b>\$104.67</b>
San Francisco	San Francisco County	805,235	\$35.18	\$35.18	\$446.47
		<b>San Francisco County Average</b>	<b>\$35.18</b>	<b>\$35.18</b>	<b>\$446.47</b>
Lathrop	San Joaquin County	18,023	\$24.03	N/A	N/A
Lodi	San Joaquin County	62,134	\$25.91	N/A	\$197.34
Stockton-Allied	San Joaquin County	291,707	\$28.63	\$37.00	\$138.64
Tracy	San Joaquin County	82,922	\$36.50	\$39.70	\$191.85
		<b>San Joaquin County Average</b>	<b>\$28.77</b>	<b>\$38.35</b>	<b>\$175.94</b>
Paso Robles	San Luis Obispo County	29,793	\$28.79	\$36.22	\$124.27
Arroyo Grande	San Luis Obispo County	17,252	\$16.82	\$20.20	\$105.55
		<b>San Luis Obispo County Average</b>	<b>\$22.81</b>	<b>\$28.21</b>	<b>\$114.91</b>
Atherton	San Mateo County	6,914	\$55.00	\$55.00	\$420.00
Belmont	San Mateo County	25,835	\$35.17	\$41.79	\$398.95
Brisbane	San Mateo County	4,282	\$30.86	\$29.58	\$292.28
Burlingame	San Mateo County	29,892	\$23.85	\$23.85	\$301.05
Colma	San Mateo County	1,792	\$28.71	\$30.28	\$299.15
Daly City	San Mateo County	104,739	\$24.10	N/A	N/A
Foster City	San Mateo County	30,567	\$22.00	\$22.00	\$180.44
Menlo Park	San Mateo County	33,071	\$23.40	\$29.00	\$249.39
Millbrae	San Mateo County	22,424	\$32.21	\$31.42	\$296.83
Pacifica	San Mateo County	37,234	\$37.31	\$42.51	\$74.41
Portola Valley	San Mateo County	4,353	\$57.88	\$67.96	\$175.30
Redwood City	San Mateo County	76,815	\$27.30	N/A	\$127.63
San Bruno	San Mateo County	42,443	\$27.73	\$35.24	\$336.21
San Mateo	San Mateo County	101,128	\$21.09	\$26.34	\$282.02
South San Francisco	San Mateo County	63,632	\$31.02	\$31.01	\$289.32
Woodside	San Mateo County	5,481	\$36.89	N/A	\$200.45
		<b>San Mateo County Average</b>	<b>\$32.16</b>	<b>\$35.84</b>	<b>\$261.56</b>
Buellton	Santa Barbara County	4,828	\$21.73	\$26.03	\$150.83
Goleta	Santa Barbara County	29,888	\$26.09	\$28.36	\$149.88
Lompoc	Santa Barbara County	42,434	\$29.67	\$38.39	\$107.48
Santa Barbara	Santa Barbara County	88,410	\$30.14	\$26.36	\$166.77
Santa Maria	Santa Barbara County	99,553	\$29.80	\$29.80	\$161.87
Solvang	Santa Barbara County	5,245	\$27.17	\$33.53	\$163.33
		<b>Santa Barbara County Average</b>	<b>\$27.43</b>	<b>\$30.41</b>	<b>\$150.03</b>
Campbell	Santa Clara County	40,584	\$25.80	\$12.90	\$171.98
Cupertino	Santa Clara County	60,189	\$23.90	\$21.69	\$163.82
Gilroy	Santa Clara County	51,701	\$28.66	\$28.66	\$192.00

**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Los Altos	Santa Clara County	30,010	\$32.34	\$32.34	\$253.83
Los Altos Hills	Santa Clara County	7,922	\$40.21	\$89.34	\$126.27
Los Gatos	Santa Clara County	30,391	\$25.45	\$14.79	\$197.25
Monte Sereno	Santa Clara County	3,485	\$29.43	\$17.29	\$230.57
Morgan Hill	Santa Clara County	40,936	\$26.27	\$16.07	\$199.50
Morgan Hill Hillside	Santa Clara County	N/A	\$28.92	N/A	N/A
Mountain View	Santa Clara County	74,066	\$29.30	\$43.95	\$223.90
Palo Alto	Santa Clara County	64,403	\$47.69	\$35.48	\$309.02
San Jose	Santa Clara County	945,942	\$32.07	N/A	\$170.22
San Jose Residential	Santa Clara County	N/A	\$32.07	N/A	N/A
Santa Clara	Santa Clara County	116,468	\$25.63	\$12.62	\$148.97
Santa Clara County District 2	Santa Clara County	N/A	\$25.33	N/A	N/A
Saratoga	Santa Clara County	30,907	\$28.13	\$18.49	\$246.55
South Santa Clara	Santa Clara County	N/A	\$30.05	\$106.13	\$265.75
Sunnyvale	Santa Clara County	147,559	\$36.94	\$36.94	\$258.98
<b>Santa Clara County Average</b>			<b>\$30.46</b>	<b>\$34.76</b>	<b>\$210.57</b>
Capitola	Santa Cruz County	9,918	\$15.87	\$21.13	\$243.74
Santa Cruz County	Santa Cruz County	262,382	\$20.52		\$247.96
<b>Santa Cruz County Average</b>			<b>\$18.20</b>	<b>\$21.13</b>	<b>\$245.85</b>
Redding	Shasta County	89,861	\$22.12	\$22.43	\$93.49
Shasta Lake	Shasta County	10,164	\$18.94	\$18.94	N/A
<b>Shasta County Average</b>			<b>\$20.53</b>	<b>\$20.69</b>	<b>\$93.49</b>
Mount Shasta	Siskiyou County	3,394	\$14.00	\$14.00	\$86.10
<b>Siskiyou County Average</b>			<b>\$14.00</b>	<b>\$14.00</b>	<b>\$86.10</b>
Benicia	Solano County	26,997	\$28.40	N/A	N/A
Dixon	Solano County	18,351	N/A	N/A	N/A
Fairfield	Solano County	105,321	\$17.09	N/A	N/A
Rio Vista	Solano County	7,360	\$29.43	N/A	N/A
Solano County	Solano County	413,344	\$23.30	N/A	N/A
Suisun City	Solano County	28,819	N/A	N/A	N/A
Vacaville	Solano County	92,428	\$23.30	\$29.63	\$271.88
<b>Solano County Average</b>			<b>\$24.30</b>	<b>\$29.63</b>	<b>\$271.88</b>
Cloverdale	Sonoma County	8,738	\$21.99	\$29.30	\$217.17
Cotati	Sonoma County	7,265	\$13.76	\$19.60	\$205.42
Cotati	Sonoma County	7,394	\$13.76	\$19.60	\$205.42
Healsburg	Sonoma County	11,517	\$14.90	\$21.59	\$241.78
Petaluma	Sonoma County	59,440	\$16.84	\$29.55	\$293.87
River Area - Guerneville	Sonoma County	4,534	\$38.00	N/A	\$348.09
Rohnert Park	Sonoma County	41,398	\$15.59	\$15.59	\$162.57
Santa Rosa	Sonoma County	171,990	\$16.92	N/A	\$269.12
Sebastopol	Sonoma County	7,596	\$19.41	\$19.82	\$281.35
County Creekside/Chantarelle	Sonoma County	N/A	\$29.80	N/A	N/A
Temelec	Sonoma County	1,441	\$33.43	N/A	N/A
Sonoma	Sonoma County	10,648	\$13.59	N/A	\$185.61
Windsor	Sonoma County	27,243	\$17.20	\$32.00	\$274.97
<b>Sonoma County Average</b>			<b>\$20.40</b>	<b>\$23.38</b>	<b>\$244.12</b>

**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Modesto	Stanislaus County	201,165	\$30.47	\$30.47	N/A
Patterson	Stanislaus County	20,413	\$29.88	\$29.88	\$100.54
Turlock	Stanislaus County	68,549	\$27.40	\$22.75	\$81.05
<b>Stanislaus County Average</b>			<b>\$29.25</b>	<b>\$27.70</b>	<b>\$90.80</b>
Porterville	Tulare County	54,165	N/A	N/A	N/A
Visalia	Tulare County	124,442	\$23.85	N/A	N/A
<b>Tulare County Average</b>			<b>\$23.85</b>	<b>N/A</b>	<b>N/A</b>
Castro Valley Unincorporated	Unincorporated Alameda County	N/A	\$39.13	\$39.81	\$514.96
Hayward Unincorporated	Unincorporated Alameda County	N/A	\$17.04	\$19.16	\$27.82
<b>Unincorporated Alameda County Average</b>			<b>\$28.09</b>	<b>\$29.49</b>	<b>\$271.39</b>
Altadena	Unincorporated Los Angeles County	N/A	\$22.20	N/A	N/A
Avocado Heights	Unincorporated Los Angeles County	N/A	\$25.45	N/A	N/A
Bassett/Valinda/South San Jose Hills	Unincorporated Los Angeles County	N/A	\$19.12	N/A	N/A
Chatsworth/Westhills	Unincorporated Los Angeles County	N/A	\$29.39	N/A	N/A
Citrus/Charter Oak/Ramona	Unincorporated Los Angeles County	N/A	\$19.01	N/A	N/A
E Pasadena/E San Gabriel/ E Arcadia/Royal C	Unincorporated Los Angeles County	N/A	\$21.87	N/A	N/A
E. Charter/Oak/Foothill/E.Ramona/Spadra	Unincorporated Los Angeles County	N/A	\$21.60	N/A	N/A
El Camino Village/Del Aire/Wiseburn/Alondra I	Unincorporated Los Angeles County	N/A	\$18.92	N/A	N/A
Hacienda Heights	Unincorporated Los Angeles County	N/A	\$20.38	N/A	N/A
Kinneloa Mesa	Unincorporated Los Angeles County	N/A	\$22.20	N/A	N/A
La Crescenta/ Montrose	Unincorporated Los Angeles County	N/A	\$21.17	N/A	N/A
N. East Bay & Mountain	Unincorporated Los Angeles County	N/A	\$36.95	N/A	N/A
Ocean View/La Rambla/West Carson	Unincorporated Los Angeles County	N/A	\$19.01	N/A	N/A
Pioneer Carson Park	Unincorporated Los Angeles County	N/A	\$20.53	N/A	N/A
Rancho Dominguez/W. Rancho Dominguez/ F	Unincorporated Los Angeles County	N/A	\$19.53	N/A	N/A
Rowland Heights	Unincorporated Los Angeles County	N/A	\$18.11	N/A	N/A
S San Gabirel	Unincorporated Los Angeles County	N/A	\$18.84	N/A	N/A
S Whittier	Unincorporated Los Angeles County	N/A	\$20.53	N/A	N/A
Santa Clarita Valley	Unincorporated Los Angeles County	N/A	\$22.51	N/A	N/A
W Whitter	Unincorporated Los Angeles County	N/A	\$17.01	N/A	N/A
<b>Unincorporated Los Angeles County Average</b>			<b>\$21.72</b>	<b>N/A</b>	<b>N/A</b>
Aromas	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Big Sur	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
Bradley	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Cachagua	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
Carmel Highlands	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
Carmel Uninc.	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
Carmel Valley	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
Castroville	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
Chualar	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Gonzales Uninc.	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Gorda	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
Greenfield Uninc.	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Hwy 68/Toro Park	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93
King City Uninc.	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Moss Landing	Unincorporated Monterey County	N/A	\$27.98	\$29.67	\$84.93

**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Pajaro	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Parkfield	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Pine Canyon	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Prunedale	Unincorporated Monterey County	N/A	\$24.58	\$31.07	\$136.05
Royal Oaks	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Salinas Uninc.	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
San Ardo	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
San Lucas	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Soledad Uninc.	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
Watsonville Uninc.	Unincorporated Monterey County	N/A	\$29.29	\$31.07	\$136.05
<b>Unincorporated Monterey County Average</b>			<b>\$28.63</b>	<b>\$30.57</b>	<b>\$117.65</b>
Carpinteria Valley	Unincorporated Santa Barbara County	N/A	\$39.48	N/A	N/A
Goleta Area N. of Hollister	Unincorporated Santa Barbara County	N/A	\$27.13	N/A	N/A
Goleta Area S. of Hollister	Unincorporated Santa Barbara County	N/A	\$27.13	N/A	N/A
Hope Ranch	Unincorporated Santa Barbara County	N/A	\$40.50	N/A	N/A
Isla Vista	Unincorporated Santa Barbara County	N/A	\$29.22	N/A	N/A
Lompoc Unincorporated	Unincorporated Santa Barbara County	N/A	\$24.54	N/A	N/A
Lompoc Unincorporated	Unincorporated Santa Barbara County	N/A	\$24.54	N/A	N/A
Mission Canyon	Unincorporated Santa Barbara County	N/A	\$29.22	N/A	N/A
Montecito	Unincorporated Santa Barbara County	N/A	\$39.48	N/A	N/A
New Cuyama and Ventucopa	Unincorporated Santa Barbara County	N/A	\$15.98	N/A	N/A
New Cuyama and Ventucopa	Unincorporated Santa Barbara County	N/A	\$15.98	N/A	N/A
Santa Maria Valley	Unincorporated Santa Barbara County	N/A	\$22.12	N/A	N/A
Santa Maria Valley	Unincorporated Santa Barbara County	N/A	\$22.12	N/A	N/A
Santa Ynez Valley	Unincorporated Santa Barbara County	N/A	\$26.40	N/A	N/A
Star Route/154 Area	Unincorporated Santa Barbara County	N/A	\$37.87	N/A	N/A
Summerland	Unincorporated Santa Barbara County	N/A	\$39.48	N/A	N/A
Unincorporated Goleta	Unincorporated Santa Barbara County	N/A	\$26.10	N/A	N/A
<b>Unincorporated Santa Barbara County Average</b>			<b>\$28.66</b>	<b>N/A</b>	<b>N/A</b>
Unincopr - Rural Cloverdale	Unincorporated Sonoma County	N/A	\$35.09	N/A	\$330.08
Unincopr - Southwesnt SR & Roseland	Unincorporated Sonoma County	N/A	\$16.05	N/A	\$312.78
Unincorp - Larkfield	Unincorporated Sonoma County	N/A	\$18.85	N/A	\$323.85
Unincorp - Petaluma Area	Unincorporated Sonoma County	N/A	\$33.97	\$33.97	\$365.13
Unincorp - Sebastopol	Unincorporated Sonoma County	N/A	\$32.77	\$32.77	\$344.58
Unincorp - West Sonoma County	Unincorporated Sonoma County	N/A	\$44.77	N/A	\$444.94
Unincorporated - sonoma Coast	Unincorporated Sonoma County	N/A	\$40.93	N/A	\$326.15
<b>Unincorporated Sonoma County Average</b>			<b>\$31.78</b>	<b>\$33.37</b>	<b>\$349.64</b>
Camarillo	Ventura County	65,201	\$33.64	\$33.64	\$92.44
Fillmore	Ventura County	15,002	\$34.28	\$34.28	\$92.44
Moorpark	Ventura County	34,421	\$26.36	\$26.36	\$122.08
Newbury Park & Rolling Oaks	Ventura County	N/A	\$27.89	\$27.89	\$92.78
North County	Ventura County	N/A	\$34.79	\$34.79	\$92.14
Ojai	Ventura County	7,461	\$34.79	\$34.79	\$92.14
Oxnard	Ventura County	197,899	\$33.64	\$33.64	\$92.44
Santa Rosa Valley	Ventura County	N/A	\$50.06	\$50.06	\$95.31
Thousand Oaks	Ventura County	126,683	\$23.45	\$31.40	\$117.15

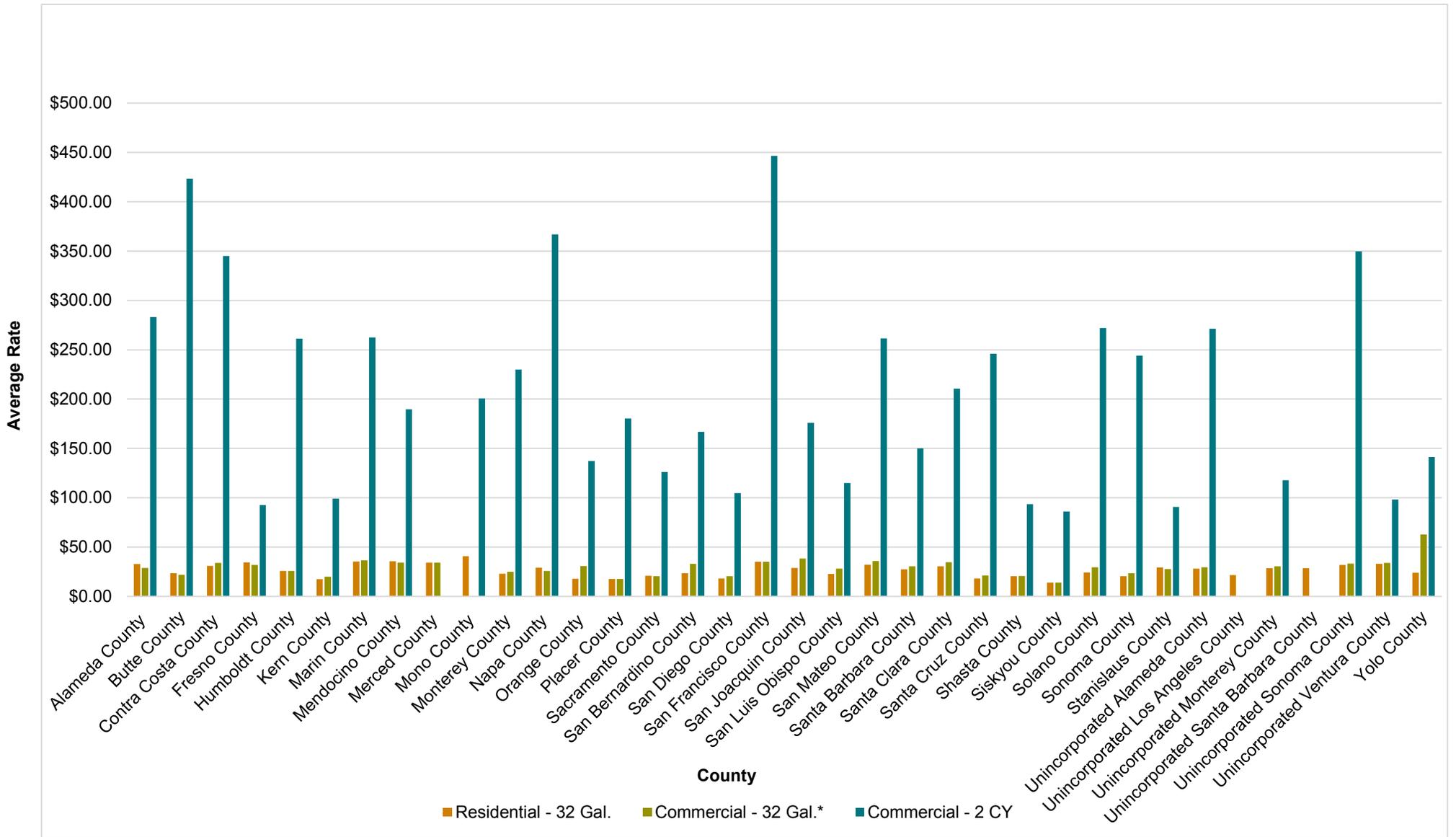
**Armanino LLP**  
**Refuse Collection Rate**  
**Year End 2016**

<b>Jurisdiction</b>	<b>County</b>	<b>2016 - Population of City</b>	<b>Residential - 32 Gal.*</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Ventura River Valley	Ventura County	N/A	\$31.99	\$31.99	\$93.04
<b>Unincorporated Ventura County Average</b>			<b>\$33.09</b>	<b>\$33.88</b>	<b>\$98.20</b>
Rural Yolo County	Yolo County	N/A	\$25.99	N/A	\$178.66
UC Davis	Yolo County	65,622	\$29.25	\$62.86	\$163.75
West Sacramento	Yolo County	48,744	\$16.73	N/A	\$81.42
<b>Yolo County Average</b>			<b>\$23.99</b>	<b>\$62.86</b>	<b>\$141.28</b>

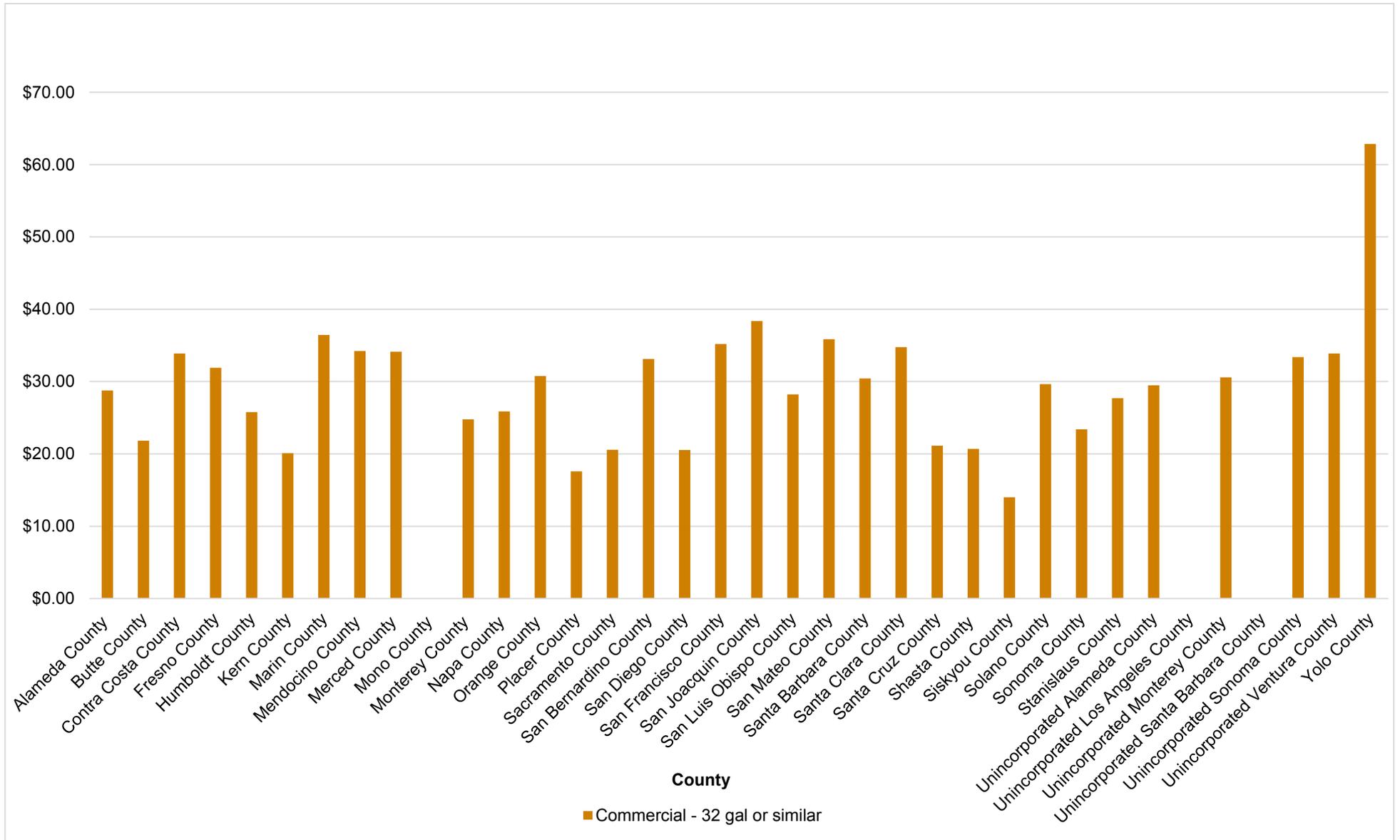
**Armanino LLP**  
**Refuse Collection Rate Averages**  
**Year End 2016**

<b>County</b>	<b>Residential - 32 Gal.</b>	<b>Commercial - 32 Gal.*</b>	<b>Commercial - 2 CY</b>
Alameda County	\$32.76	\$28.74	\$283.10
Butte County	\$23.47	\$21.82	\$423.35
Contra Costa County	\$30.96	\$33.89	\$345.02
Fresno County	\$34.40	\$31.90	\$92.64
Humboldt County	\$25.79	\$25.79	\$261.36
Kern County	\$17.52	\$20.09	\$99.14
Marin County	\$35.25	\$36.45	\$262.53
Mendocino County	\$35.57	\$34.21	\$189.70
Merced County	\$34.14	\$34.14	N/A
Mono County	\$40.80	N/A	\$200.50
Monterey County	\$22.95	\$24.77	\$229.93
Napa County	\$29.05	\$25.87	\$366.85
Orange County	\$17.82	\$30.77	\$137.18
Placer County	\$17.57	\$17.57	\$180.25
Sacramento County	\$21.00	\$20.58	\$126.11
San Bernardino County	\$23.58	\$33.11	\$166.82
San Diego County	\$18.18	\$20.53	\$104.67
San Francisco County	\$35.18	\$35.18	\$446.47
San Joaquin County	\$28.77	\$38.35	\$175.94
San Luis Obispo County	\$22.81	\$28.21	\$114.91
San Mateo County	\$32.16	\$35.84	\$261.56
Santa Barbara County	\$27.43	\$30.41	\$150.03
Santa Clara County	\$30.46	\$34.76	\$210.57
Santa Cruz County	\$18.20	\$21.13	\$245.85
Shasta County	\$20.53	\$20.69	\$93.49
Siskyou County	\$14.00	\$14.00	\$86.10
Solano County	\$24.30	\$29.63	\$271.88
Sonoma County	\$20.40	\$23.38	\$244.12
Stanislaus County	\$29.25	\$27.70	\$90.80
Unincorporated Alameda County	\$28.09	\$29.49	\$271.39
Unincorporated Los Angeles County	\$21.72	\$0.00	\$0.00
Unincorporated Monterey County	\$28.63	\$30.57	\$117.65
Unincorporated Santa Barbara County	\$28.66	\$0.00	\$0.00
Unincorporated Sonoma County	\$31.78	\$33.37	\$349.64
Unincorporated Ventura County	\$33.09	\$33.88	\$98.20
Yolo County	\$23.99	\$62.86	\$141.28

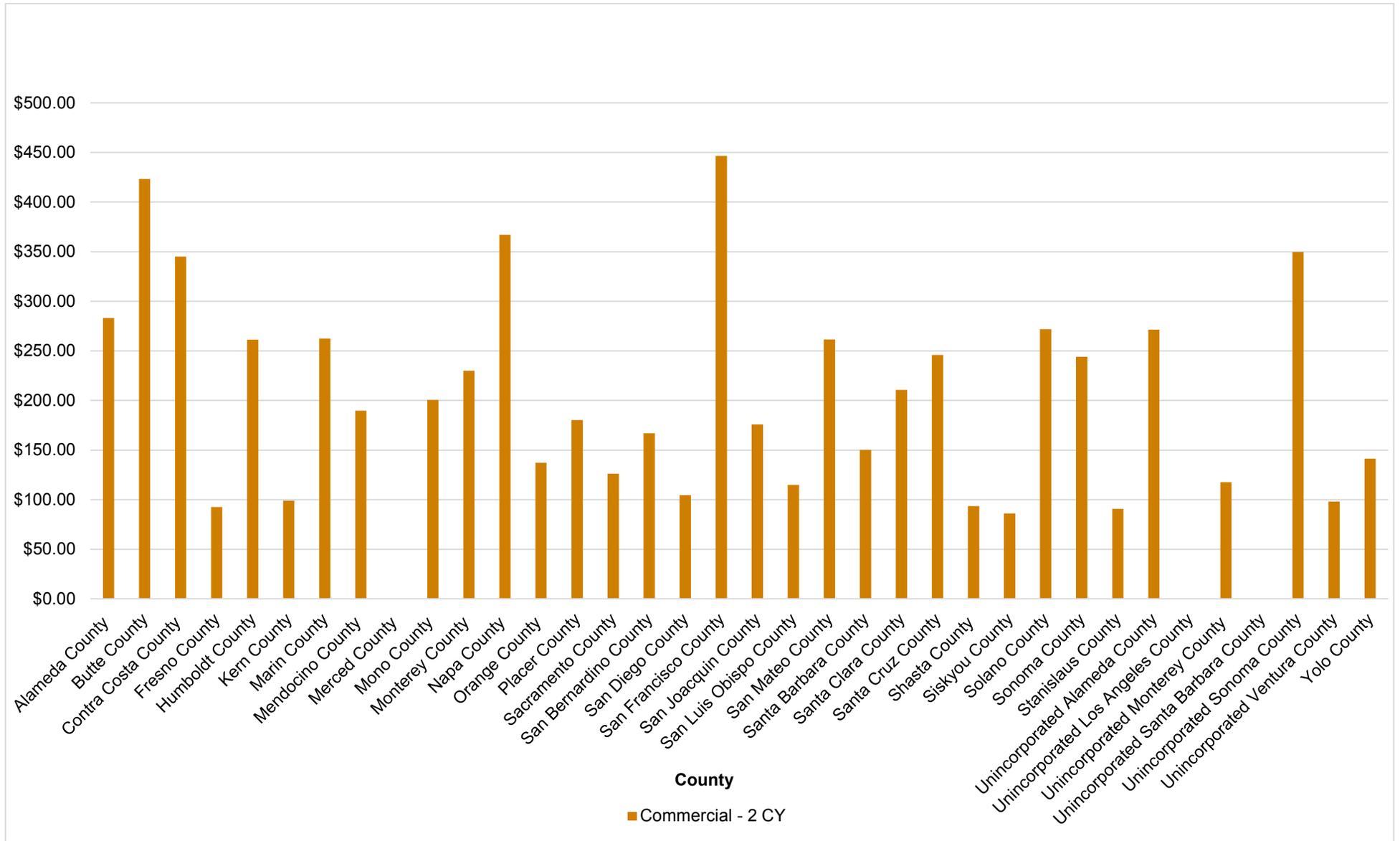
## Garbage Rate Averages by County 2016



## Commercial Garbage Rate Averages by County 2016



## 2 CY Garbage Rate Averages by County 2016



## Residential Garbage Rate Averages by County 2016

