

Cover Sheet
2018 California Annual Retail Fuel Outlet Report Results (CEC-A15)
Energy Assessments Division
07-1-19

Summary: The following data sheets contain a summary of CEC-A15 results from 2010 to 2018, with county gasoline and diesel sales estimates for 2018.

The intended audience is the general public.

Source of Data: Transportation Fuels Data Unit CEC-A15 report.

Key Caveats:

1. While all transportation fuel stations are required to report the CEC-A15, staff does not maintain a complete list of fueling stations in California to send notifications of the filing requirement.
2. Estimated results are obtained by matching Board of Equalization gasoline sales totals and Energy Commission diesel sales determinations (which account for both taxable and non-taxable sales of diesel). Staff uses a statistical procedure known as "bootstrapping" to estimate the population characteristics of the unreported and unknown stations. Since large chain operators are easier to notify and collect information from, the estimated population station characteristics are weighted to match independent owners and smaller station chains in order to account for unreported stations.

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Retail Fuel Stations - Survey Responses and Estimated Totals by County

County	2010		2011		2012 ^a		2013 ^a		2014 ^a		2015 ^a	
	Survey Responses	Estimated	Survey Responses	Estimated Totals	Survey Responses	Estimated	Survey Responses	Estimated Totals	Survey Responses	Estimated	Survey Responses	Estimated
		Totals		Totals		Totals		Totals		Totals		Totals
Alameda	275	338	293	341	298	379	268	370	203	310	239	328
Amador	19	23	20	23	22	28	16	22	17	26	17	23
Butte	80	98	84	98	80	102	69	95	64	98	76	104
Calaveras	23	28	23	27	21	27	19	26	20	31	19	26
Colusa	21	26	19	22	16	20	20	28	17	26	17	23
Contra Costa	224	276	237	276	234	297	218	301	175	268	196	269
Del Norte	12	15	11	13	11	14	10	14	9	14	9	12
El Dorado	53	65	61	71	61	78	50	69	48	73	54	74
Fresno	258	317	281	327	271	344	238	329	208	318	239	328
Glenn	18	22	19	22	17	22	19	26	16	24	17	23
Humboldt	68	84	73	85	70	89	69	95	46	70	64	88
Imperial	62	76	59	69	54	69	53	73	58	89	56	77
Inyo	22	27	23	27	20	25	17	24	18	28	20	27
Kern	274	337	280	326	282	359	257	355	236	361	252	346
Kings	48	59	49	57	46	58	43	59	41	63	45	62
Lake	35	43	34	40	29	37	33	46	28	43	27	37
Lassen	15	18	17	20	15	19	12	17	15	23	18	25
Los Angeles	1,590	1,956	1,645	1,914	1,580	2,009	1,461	2,019	1,377	2,105	1,464	2,008
Madera	50	62	54	63	54	69	39	54	44	67	44	60
Marin	57	70	57	66	55	70	45	62	35	53	50	69
Mariposa	17	21	20	23	18	23	14	19	12	18	16	22
Mendocino	51	63	57	66	48	61	47	65	38	58	42	58
Merced	71	87	81	94	75	95	68	94	66	101	78	107
Mono	18	22	18	21	12	15	16	22	16	24	17	23
Monterey	110	135	117	136	110	140	107	148	79	121	113	155
Napa	24	30	23	27	30	38	25	35	15	23	31	42
Nevada	35	43	36	42	34	43	22	30	23	35	34	47
Orange	537	661	546	635	528	671	476	658	472	722	494	678
Placer	101	124	110	128	111	141	90	124	89	136	106	145
Plumas	25	31	24	28	22	28	16	22	22	34	20	27
Riverside	402	495	418	486	420	534	380	525	380	581	425	583
Sacramento	302	372	311	362	298	379	265	366	209	319	276	379
San Benito	12	15	12	14	12	15	9	12	9	14	9	12
San Bernardino	428	527	452	526	444	564	415	573	394	602	436	598
San Diego	603	742	644	750	622	791	567	783	541	827	599	822
San Francisco	84	103	82	95	80	102	78	108	52	79	66	91
San Joaquin	176	217	186	216	183	233	166	229	144	220	186	255
San Luis Obispo	87	107	94	109	78	99	78	108	74	113	90	123
San Mateo	160	197	170	198	158	201	134	185	94	144	135	185
Santa Barbara	95	117	101	118	99	126	94	130	81	124	98	134
Santa Clara	310	381	329	383	316	402	300	415	239	365	287	394
Santa Cruz	68	84	70	81	70	89	61	84	44	67	66	91
Shasta	98	121	102	119	101	128	87	120	78	119	102	140
Siskiyou	35	43	32	37	36	46	20	28	22	34	37	51
Solano	115	141	133	155	121	154	103	142	82	125	99	136
Sonoma	121	149	116	135	110	140	109	151	93	142	104	143
Stanislaus	146	180	158	184	149	189	122	169	113	173	139	191
Sutter	32	39	35	41	29	37	27	37	25	38	30	41
Tehama	37	46	36	42	34	43	26	36	23	35	32	44
Trinity	17	21	17	20	12	15	12	17	13	20	16	22
Tulare	162	199	183	213	172	219	144	199	141	216	146	200
Tuolumne	28	34	28	33	30	38	26	36	23	35	27	37
Ventura	161	198	168	196	150	191	143	198	134	205	146	200
Yolo	52	64	51	59	50	64	48	66	44	67	52	71
Yuba	28	34	32	37	27	34	32	44	24	37	28	38
Other Counties*	13	16	12	14	13	16	10	14	11	17	11	15
Total	7,965	9,800	8,343	9,710	8,038	10,219	7,293	10,076	6,594	10,080	7,516	10,309

^a 2012-2018 data are not directly comparable to other years since an improved methodology is used, but is within 5 percent compared to the previous methodology.

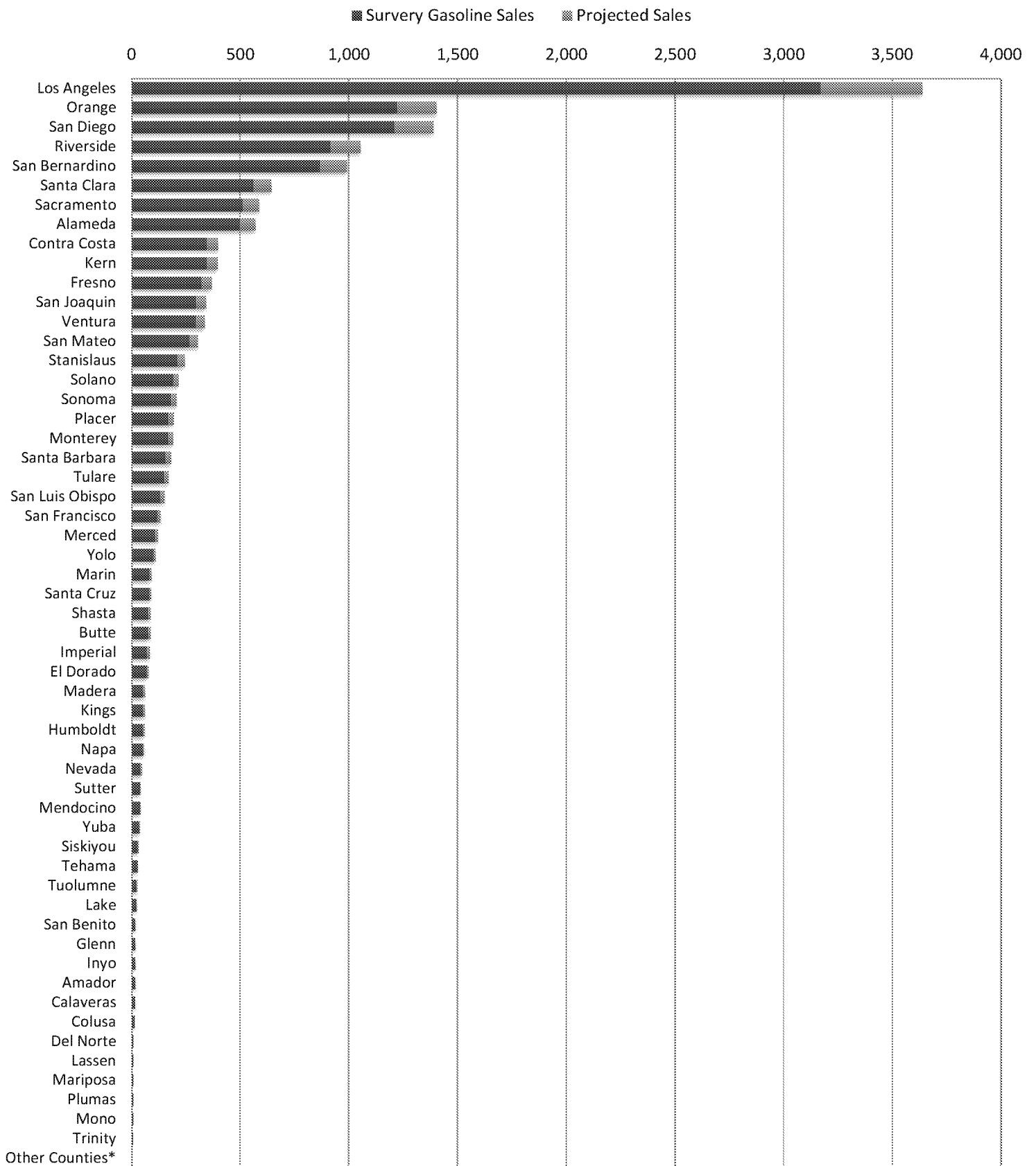
* Other Counties include Alpine, Modoc and Sierra.

County	2016 [#]		2017 [#]		2018 [#]	
	Survey Responses	Estimated	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals
		Totals				
Alameda	312	366	324	378	305	361
Amador	20	24	21	25	25	29
Butte	88	103	85	99	80	95
Calaveras	24	28	24	28	23	27
Colusa	19	22	17	20	16	19
Contra Costa	241	283	241	281	216	255
Del Norte	11	13	11	13	11	13
El Dorado	66	78	67	78	64	76
Fresno	292	343	292	341	286	338
Glenn	20	24	20	23	17	20
Humboldt	69	81	63	74	70	83
Imperial	66	78	67	78	69	82
Inyo	21	25	18	21	20	24
Kern	309	363	305	356	308	364
Kings	51	60	50	58	53	63
Lake	34	40	33	38	33	39
Lassen	19	22	17	20	10	12
Los Angeles	1,780	2,091	1,779	2,076	1,758	2,078
Madera	63	74	60	70	54	64
Marin	55	65	52	61	45	53
Mariposa	19	22	16	19	18	21
Mendocino	55	65	44	51	50	59
Merced	94	110	91	106	95	112
Mono	19	22	15	18	19	22
Monterey	123	144	120	140	120	142
Napa	31	36	32	37	33	39
Nevada	37	43	38	44	34	40
Orange	583	685	578	674	566	669
Placer	117	137	112	131	112	132
Plumas	20	24	18	21	23	27
Riverside	481	565	490	572	492	582
Sacramento	327	384	329	384	322	381
San Benito	12	14	14	16	13	15
San Bernardino	527	619	525	613	521	616
San Diego	686	806	668	779	663	784
San Francisco	79	93	80	93	68	80
San Joaquin	201	236	204	238	203	240
San Luis Obispo	92	108	92	107	94	111
San Mateo	174	204	168	196	159	188
Santa Barbara	107	126	107	125	111	131
Santa Clara	349	410	342	399	316	374
Santa Cruz	70	82	69	81	66	78
Shasta	114	134	120	140	115	136
Siskiyou	40	47	39	45	40	47
Solano	123	144	130	152	121	143
Sonoma	133	156	128	149	118	139
Stanislaus	162	190	160	187	163	193
Sutter	37	43	35	41	32	38
Tehama	35	41	36	42	35	41
Trinity	17	20	15	18	15	18
Tulare	180	211	188	219	175	207
Tuolumne	32	38	30	35	26	31
Ventura	170	200	177	207	169	200
Yolo	68	80	70	82	65	77
Yuba	37	43	34	40	37	44
Other Counties*	13	16	12	14	12	14
Total	8,924	10,481	8,872	10,353	8,684	10,266

[#] 2012-2018 data are not

* Other Counties include

2018 California Retail Gasoline Sales by County (Millions of Gallons)



* Other Counties include Alpine, Modoc and Sierra.

Retail Gasoline Sales by County

(Millions of Gallons)

County	2010		2011		2012 ^a		2013 ^a		2014 ^a		2015 ^a	
	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals
Alameda	456	551	476	548	480	568	473	603	341	491	432	542
Amador	12	15	12	14	12	14	10	12	11	15	10	13
Butte	66	81	70	81	66	78	64	81	59	85	62	78
Calaveras	11	14	12	14	10	12	10	13	10	14	11	14
Colusa	13	17	9	11	8	10	10	13	7	10	7	9
Contra Costa	332	403	344	395	354	419	331	422	272	392	303	380
Del Norte	6	8	6	7	6	7	4	5	5	7	5	6
El Dorado	55	68	57	67	64	75	56	72	36	52	65	81
Fresno	285	342	290	335	288	341	269	344	209	300	264	331
Glenn	12	14	12	14	11	12	11	14	11	16	13	16
Humboldt	44	54	46	54	45	53	51	64	31	44	47	59
Imperial	56	69	51	60	46	54	46	58	58	83	63	79
Inyo	16	19	16	18	13	16	12	16	12	17	14	18
Kern	293	362	309	359	301	356	287	367	267	384	299	375
Kings	42	51	41	48	40	47	38	49	31	45	41	51
Lake	20	25	18	22	17	20	19	24	17	25	19	23
Lassen	6	7	6	7	5	6	5	6	6	8	7	9
Los Angeles	3,005	3,658	3,069	3,554	2,916	3,451	2,700	3,445	2,606	3,749	2,762	3,465
Madera	47	57	54	61	44	53	43	54	31	45	35	44
Marin	78	94	91	103	91	107	83	106	52	75	83	105
Mariposa	6	7	6	7	5	6	4	5	6	9	5	6
Mendocino	33	41	34	40	36	43	33	42	28	40	32	40
Merced	86	106	81	95	78	92	74	94	58	83	84	105
Mono	6	7	5	6	2	2	6	8	6	8	6	7
Monterey	124	152	134	155	124	147	139	177	87	126	147	184
Napa	42	52	42	47	49	58	41	52	27	39	50	63
Nevada	34	42	30	35	29	34	19	25	19	27	31	40
Orange	1,162	1,406	1,162	1,338	1,145	1,355	1,044	1,332	1,018	1,465	1,092	1,370
Placer	154	190	162	189	162	192	131	167	118	170	167	209
Plumas	6	7	7	8	6	7	3	4	5	8	5	7
Riverside	781	952	792	916	756	895	725	925	702	1,010	828	1,039
Sacramento	467	566	482	553	473	560	446	568	308	442	465	584
San Benito	15	18	14	16	17	20	5	7	10	14	12	15
San Bernardino	747	902	761	871	742	878	697	889	659	948	725	909
San Diego	1,094	1,320	1,122	1,291	1,079	1,277	972	1,241	940	1,352	1,123	1,408
San Francisco	112	138	129	151	126	149	126	161	71	102	107	134
San Joaquin	248	303	260	301	253	299	254	325	217	312	287	360
San Luis Obispo	121	147	123	144	105	124	109	140	101	145	117	147
San Mateo	232	275	272	310	258	306	244	311	159	229	243	304
Santa Barbara	141	174	140	164	140	166	135	172	124	178	148	186
Santa Clara	514	621	600	691	589	697	546	696	460	661	580	727
Santa Cruz	84	103	91	106	89	105	79	101	53	77	77	96
Shasta	72	88	73	85	77	91	65	83	55	79	76	95
Siskiyou	20	25	17	19	19	23	9	12	10	14	21	27
Solano	158	190	191	218	180	213	158	202	116	167	160	201
Sonoma	157	189	155	178	160	189	163	208	146	210	160	201
Stanislaus	191	230	184	212	173	205	144	183	159	229	201	252
Sutter	30	37	31	37	34	40	33	42	17	24	30	38
Tehama	27	33	24	28	23	27	19	24	18	26	24	30
Trinity	3	4	3	4	1	2	3	4	3	4	3	4
Tulare	109	132	121	139	120	142	91	116	107	155	114	143
Tuolumne	14	17	13	16	15	18	12	15	14	21	18	23
Ventura	285	345	290	335	262	310	246	314	249	358	256	321
Yolo	82	100	76	87	74	87	75	96	63	90	82	103
Yuba	24	29	26	30	22	26	23	30	14	20	24	30
Other Counties	2	3	2	2	1	2	1	1	1	2	2	2
Total	12,238	14,860	12,644	14,596	12,241	14,486	11,396	14,540	10,220	14,701	12,044	15,108

^a 2012 to 2018 data are not directly comparable to other years since an improved methodology is used, but is within 5 percent compared to the previous methodology.

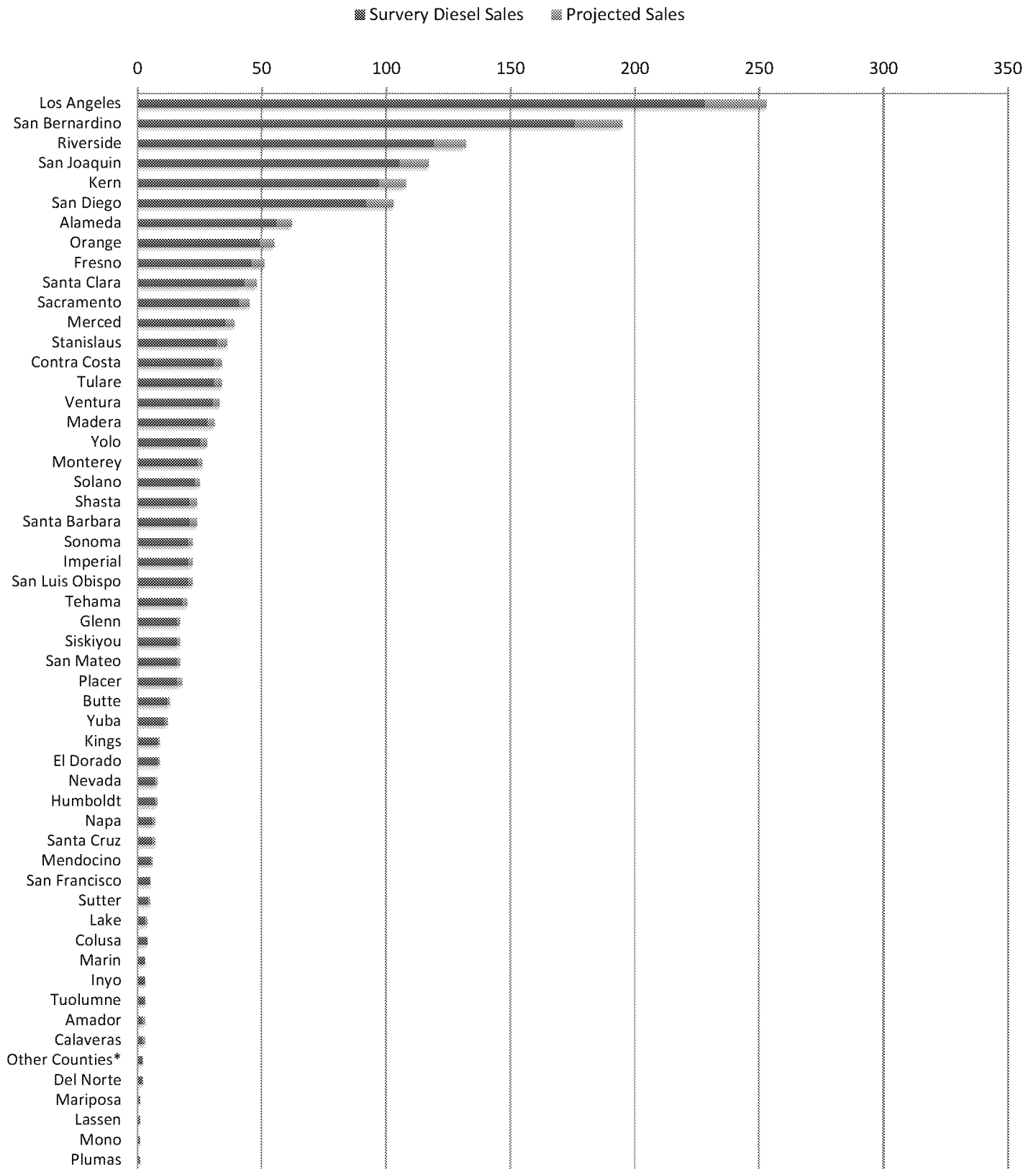
^a Other Counties include Alpine, Modoc and Sierra.

County	2016*		2017#		2018#	
	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals
Alameda	518	582	521	583	495	569
Amador	12	14	13	15	14	17
Butte	74	83	78	87	75	86
Calaveras	13	15	14	15	13	15
Colusa	10	11	11	12	11	13
Contra Costa	384	431	385	430	346	397
De! Norte	6	7	6	7	6	7
El Dorado	72	81	73	82	66	76
Fresno	318	358	328	367	320	368
Glenn	15	17	17	18	15	17
Humboldt	54	61	49	55	51	58
Imperial	77	86	74	83	78	89
Inyo	16	18	16	18	16	18
Kern	362	407	349	390	345	396
Kings	50	57	54	60	52	60
Lake	19	21	19	21	20	23
Lassen	7	8	5	6	4	5
Los Angeles	3,184	3,577	3,272	3,659	3,169	3,638
Madera	52	59	56	62	49	57
Marin	91	102	90	101	71	82
Mariposa	7	8	5	6	6	7
Mendocino	37	42	34	38	35	40
Merced	101	114	105	117	115	132
Mono	7	8	5	5	6	7
Monterey	157	177	155	174	157	181
Napa	50	57	47	53	53	61
Nevada	36	40	35	39	33	38
Orange	1,224	1,375	1,236	1,382	1,222	1,402
Placer	181	204	182	203	179	206
Plumas	5	5	5	6	5	6
Riverside	921	1,035	941	1,052	916	1,052
Sacramento	534	600	535	599	511	586
San Benito	15	17	18	20	15	17
San Bernardino	899	1,010	888	993	862	990
San Diego	1,221	1,372	1,231	1,377	1,208	1,387
San Francisco	119	134	120	134	105	120
San Joaquin	303	340	310	347	293	336
San Luis Obispo	127	142	127	142	131	150
San Mateo	289	325	291	326	264	304
Santa Barbara	161	181	152	170	167	191
Santa Clara	638	717	613	685	560	643
Santa Cruz	85	95	84	94	78	90
Shasta	73	82	83	92	76	87
Siskiyou	24	27	26	29	25	28
Solano	187	210	194	217	188	216
Sonoma	186	209	186	208	167	192
Stanislaus	217	244	227	253	212	244
Sutter	35	39	35	39	35	40
Tehama	25	29	26	29	27	31
Trinity	4	5	4	5	4	4
Tulare	136	152	149	167	147	168
Tuolumne	21	23	22	25	22	25
Ventura	294	330	302	338	298	342
Yolo	98	110	101	113	96	110
Yuba	32	36	30	34	40	46
Other Counties	2	2	2	2	1	1
Total	13,785	15,491	13,936	15,584	13,475	15,471

* 2012 to 2018 data are not direct

* Other Counties include Alpine, N

2018 California Retail Diesel Sales by County (Millions of Gallons)



* Other Counties include Alpine, Modoc, San Benito, Sierra and Trinity.

Note: Non-Retail diesel sales, which comprise approximately 52% of all diesel sales, are not reported in this chart.

Retail Diesel Sales by County

(Millions of Gallons)

County	2010		2011		2012#		2013#		2014#		2015#		2016#	
	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals
Alameda	29	32	26	28	30	36	27	34	19	27	38	49	47	54
Amador	2	2	2	2	2	2	1	2	1	2	1	2	2	2
Butte	9	10	9	10	7	9	8	10	8	10	9	11	11	13
Calaveras	2	2	2	2	2	2	1	2	1	2	2	2	3	3
Colusa	3	3	2	3	4	5	4	5	2	2	3	4	4	4
Contra Costa	15	18	19	21	17	20	17	21	12	17	19	24	23	26
Del Norte	1	2	1	1	1	1	1	1	1	1	1	2	2	2
El Dorado	6	8	6	7	6	7	5	6	4	6	7	9	8	9
Fresno	30	33	35	38	33	40	23	29	18	25	39	50	40	46
Glenn	5	5	4	4	4	5	4	5	4	5	5	6	12	14
Humboldt	10	12	10	12	10	12	11	14	4	5	10	13	13	14
Imperial	9	10	8	9	7	8	8	10	8	11	9	11	14	16
Inyo	3	4	3	4	2	2	3	4	3	3	3	4	3	4
Kern	111	117	125	129	133	158	118	148	124	171	125	160	131	149
Kings	7	7	7	8	7	9	5	6	4	6	7	9	5	6
Lake	3	3	3	3	2	2	2	3	2	3	3	3	1	1
Lassen	1	1	1	2	1	1	1	1	1	2	3	3	4	4
Los Angeles	212	235	221	239	205	245	190	239	194	267	257	328	273	309
Madera	23	24	23	24	24	28	18	23	22	31	26	33	28	31
Marin	3	4	2	3	3	3	2	3	2	2	2	3	4	4
Mariposa	1	1	1	1	1	1	-	1	2	2	1	1	1	2
Mendocino	6	7	7	8	7	9	6	6	4	5	6	7	9	10
Merced	44	45	37	38	46	55	49	62	49	68	54	69	59	66
Mono	1	1	1	1	-	1	1	1	1	1	1	1	1	1
Monterey	21	23	24	26	25	30	22	27	13	18	23	29	24	28
Napa	2	2	2	2	6	7	2	3	2	3	6	8	6	7
Nevada	5	5	5	5	4	4	1	2	4	6	7	8	8	9
Orange	38	47	36	42	38	46	33	42	37	51	46	59	52	59
Placer	13	16	13	15	12	15	9	12	10	13	13	16	15	17
Plumas	1	2	1	1	1	1	1	1	1	1	1	1	1	1
Riverside	84	93	87	94	89	107	86	109	100	138	119	152	128	145
Sacramento	33	37	32	35	27	32	18	21	21	29	28	36	38	42
San Bernardino	141	149	136	142	158	189	164	206	152	210	198	253	223	252
San Diego	69	80	64	72	62	74	58	73	67	93	87	111	93	105
San Francisco	3	3	3	3	3	4	4	5	1	2	5	6	6	6
San Joaquin	73	75	85	87	84	99	90	113	86	119	102	131	116	131
San Luis Obispo	12	14	16	18	11	13	9	12	12	17	19	24	20	23
San Mateo	10	12	8	10	8	10	8	10	4	6	15	19	13	14
Santa Barbara	13	14	16	17	10	13	12	15	13	18	20	26	22	25
Santa Clara	23	26	26	28	27	32	28	35	25	35	36	47	30	34
Santa Cruz	4	5	5	6	4	5	4	6	2	3	5	6	5	6
Shasta	20	23	19	21	16	19	18	22	13	18	21	27	21	24
Siskiyou	5	6	11	11	16	20	15	19	16	20	20	26	19	22
Solano	14	17	18	20	14	16	14	17	8	11	14	18	17	19
Sonoma	14	16	18	19	13	16	14	18	12	17	15	20	20	23
Stanislaus	33	36	27	29	25	30	15	19	20	27	26	33	20	22
Sutter	4	5	2	3	3	4	4	5	2	3	4	5	5	6
Tehama	31	32	38	39	35	42	37	47	25	35	37	48	35	39
Tulare	23	25	33	35	27	32	31	39	31	43	34	43	37	42
Tuolumne	2	2	2	2	1	2	2	2	2	2	2	3	2	3
Ventura	20	23	32	34	23	27	23	29	25	34	27	34	29	32
Yolo	33	34	26	27	27	33	30	37	29	40	27	35	32	37
Yuba	4	4	4	5	3	4	3	4	2	3	2	3	4	5
Other Counties*	1	2	2	2	1	2	1	1	1	2	2	2	3	3
Total	1,285	1,414	1,346	1,447	1,327	1,589	1,261	1,587	1,226	1,691	1,592	2,033	1,742	1,971

* 2012-2018 data are not directly comparable to other years since an improved methodology is used, but is within 5 percent compared to the previous methodology.

* Other Counties include Alpine, Modoc, San Benito, Sierra and Trinity.

Note: Non-Retail diesel sales, which comprise approximately 52% of all diesel sales, are not reported in this chart.

County	2017#		2018#	
	Survey Responses	Estimated Totals	Survey Responses	Estimated Totals
Alameda	51	58	56	62
Amador	2	2	2	3
Butte	11	13	12	13
Calaveras	3	3	2	3
Colusa	2	3	4	4
Contra Costa	24	28	31	34
Del Norte	2	2	2	2
El Dorado	8	10	8	9
Fresno	40	45	46	51
Glenn	16	19	16	17
Humboldt	8	9	7	8
Imperial	11	12	20	22
Inyo	3	4	3	3
Kern	107	121	97	108
Kings	7	7	8	9
Lake	3	3	3	4
Lassen	1	1	1	1
Los Angeles	267	301	228	253
Madera	29	33	28	31
Marin	4	4	3	3
Mariposa	1	1	1	1
Mendocino	6	6	5	6
Merced	38	42	35	39
Mono	1	1	1	1
Monterey	24	27	24	26
Napa	6	7	6	7
Nevada	8	9	7	8
Orange	54	61	49	55
Placer	15	17	16	17
Plumas	1	2	1	1
Riverside	131	148	119	132
Sacramento	42	48	41	45
San Bernardino	235	265	176	195
San Diego	92	103	92	103
San Francisco	5	6	5	5
San Joaquin	111	126	105	117
San Luis Obispo	19	21	20	22
San Mateo	15	17	16	17
Santa Barbara	17	19	21	24
Santa Clara	32	36	43	48
Santa Cruz	6	6	6	7
Shasta	22	25	21	24
Siskiyou	18	21	16	17
Solano	22	24	23	25
Sonoma	20	23	20	22
Stanislaus	30	34	32	36
Sutter	3	4	4	5
Tehama	34	38	18	20
Tulare	37	41	31	34
Tuolumne	3	3	3	3
Ventura	32	36	30	33
Yolo	27	30	25	28
Yuba	8	9	11	12
Other Counties*	3	3	2	2
Total	1,717	1,937	1,602	1,777

* 2012-2018 data are not direct

* Other Counties include Alpine

Note: Non-Retail diesel sales, w