Cover Sheet
2017 California Annual Retail Fuel Outlet Report Results (CEC-A15)
Energy Assessments Division
09-27-18

Summary: The following data sheets contain a summary of CEC-A15 results from 2010 to 2017, with county gasoline and diesel sales estimates for 2017.

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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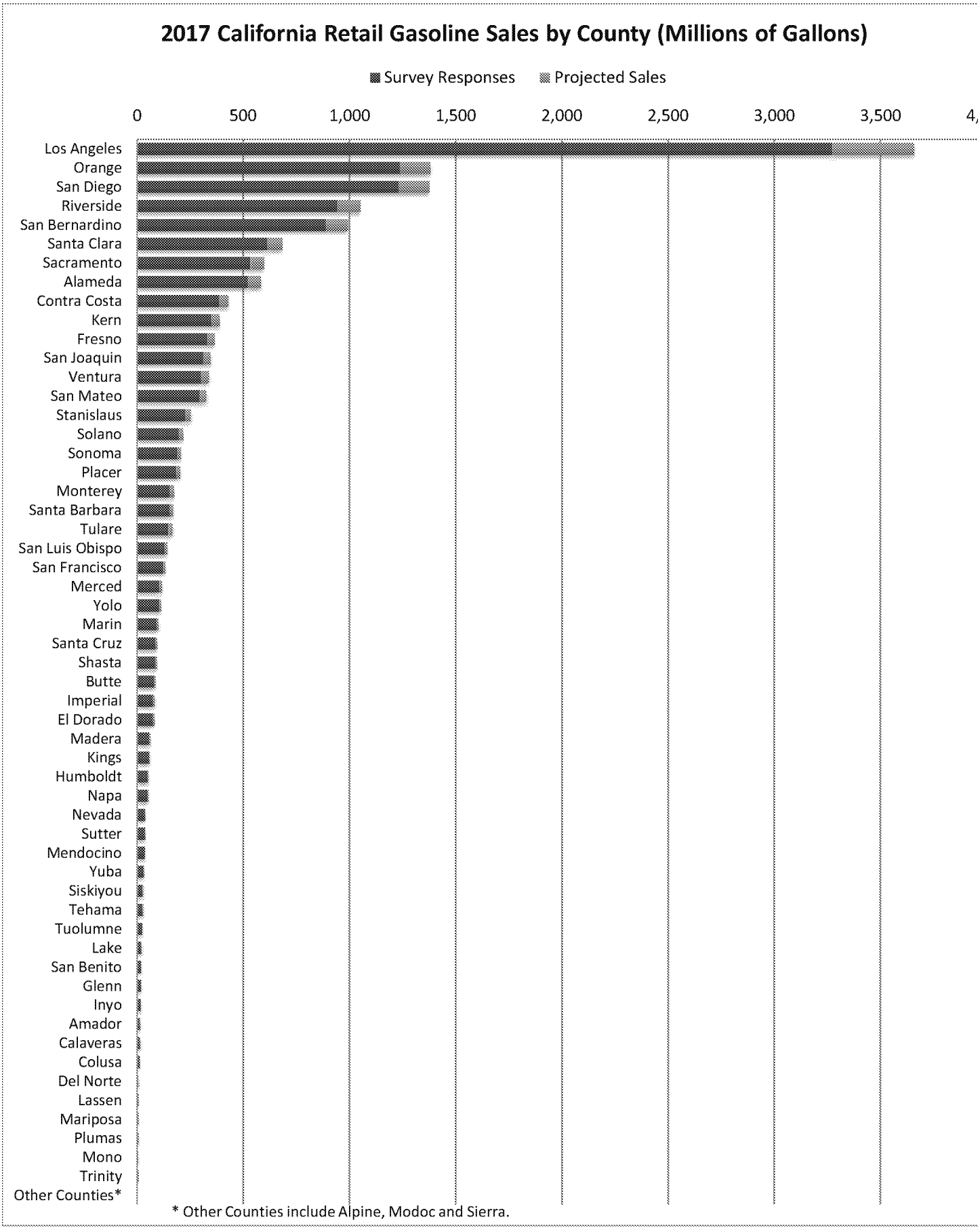
Retail Fuel Stations - Survey Responses and Estimated Totals by County

County	2010 Survey Responses	2010 Estimated Totals	2011 Survey Responses	2011 Estimated Totals	2012# Survey Responses	2012# Estimated Totals	2013# Survey Responses	2013# Estimated Totals	2014# Survey Responses	2014# Estimated Totals	2015# Survey Responses	2015# Estimated Totals	2016# Survey Responses	2016# Estimated Totals	2017# Survey Responses	2017# Estimated Totals
Alameda	275	338	293	341	298	379	268	370	203	310	239	328	312	366	324	378
Amador	19	23	20	23	22	28	16	22	17	26	17	23	20	24	21	25
Butte	80	98	84	98	80	102	69	95	64	98	76	104	88	103	85	99
Calaveras	23	28	23	27	21	27	19	26	20	31	19	26	24	28	24	28
Colusa	21	26	19	22	16	20	20	28	17	26	17	23	19	22	17	20
Contra Costa	224	276	237	276	234	297	218	301	175	268	196	269	241	283	241	281
Del Norte	12	15	11	13	11	14	10	14	9	14	9	12	11	13	11	13
El Dorado	53	65	61	71	61	78	50	69	48	73	54	74	66	78	67	78
Fresno	258	317	281	327	271	344	238	329	208	318	239	328	292	343	292	341
Glenn	18	22	19	22	17	22	19	26	16	24	17	23	20	24	20	23
Humboldt	68	84	73	85	70	89	69	95	46	70	64	88	69	81	63	74
Imperial	62	76	59	69	54	69	53	73	58	89	56	77	66	78	67	78
Inyo	22	27	23	27	20	25	17	24	18	28	20	27	21	25	18	21
Kern	274	337	280	326	282	359	257	355	236	361	252	346	309	363	305	356
Kings	48	59	49	57	46	58	43	59	41	63	45	62	51	60	50	58
Lake	35	43	34	40	29	37	33	46	28	43	27	37	34	40	33	38
Lassen	15	18	17	20	15	19	12	17	15	23	18	25	19	22	17	20
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	1,780	2,091	1,779	2,076
Madera	50	62	54	63	54	69	39	54	44	67	44	60	63	74	60	70
Marin	57	70	57	66	55	70	45	62	35	53	50	69	55	65	52	61
Mariposa	17	21	20	23	18	23	14	19	12	18	16	22	19	22	16	19
Mendocino	51	63	57	66	48	61	47	65	38	58	42	58	55	65	44	51
Merced	71	87	81	94	75	95	68	94	66	101	78	107	94	110	91	106
Mono	18	22	18	21	12	15	16	22	16	24	17	23	19	22	15	18
Monterey	110	135	117	136	110	140	107	148	79	121	113	155	123	144	120	140
Napa	24	30	23	27	30	38	25	35	15	23	31	42	31	36	32	37
Nevada	35	43	36	42	34	43	22	30	23	35	34	47	37	43	38	44
Orange	537	661	546	635	528	671	476	658	472	722	494	678	583	685	578	674
Placer	101	124	110	128	111	141	90	124	89	136	106	145	117	137	112	131
Plumas	25	31	24	28	22	28	16	22	22	34	20	27	20	24	18	21
Riverside	402	495	418	486	420	534	380	525	380	581	425	583	481	565	490	572
Sacramento	302	372	311	362	298	379	265	366	209	319	276	379	327	384	329	384
San Benito	12	15	12	14	12	15	9	12	9	14	9	12	12	14	14	16
San Bernardino	428	527	452	526	444	564	415	573	394	602	436	598	527	619	525	613
San Diego	603	742	644	750	622	791	567	783	541	827	599	822	686	806	668	779
San Francisco	84	103	82	95	80	102	78	108	52	79	66	91	79	93	80	93
San Joaquin	176	217	186	216	183	233	166	229	144	220	186	255	201	236	204	238
San Luis Obispo	87	107	94	109	78	99	78	108	74	113	90	123	92	108	92	107
San Mateo	160	197	170	198	158	201	134	185	94	144	135	185	174	204	168	196
Santa Barbara	95	117	101	118	99	126	94	130	81	124	98	134	107	126	107	125
Santa Clara	310	381	329	383	316	402	300	415	239	365	287	394	349	410	342	399
Santa Cruz	68	84	70	81	70	89	61	84	44	67	66	91	70	82	69	81
Shasta	98	121	102	119	101	128	87	120	78	119	102	140	114	134	120	140
Siskiyou	35	43	32	37	36	46	20	28	22	34	37	51	40	47	39	45
Solano	115	141	133	155	121	154	103	142	82	125	99	136	123	144	130	152
Sonoma	121	149	116	135	110	140	109	151	93	142	104	143	133	156	128	149
Stanislaus	146	180	158	184	149	189	122	169	113	173	139	191	162	190	160	187
Sutter	32	39	35	41	29	37	27	37	25	38	30	41	37	43	35	41
Tehama	37	46	36	42	34	43	26	36	23	35	32	44	35	41	36	42
Trinity	17	21	17	20	12	15	12	17	13	20	16	22	17	20	15	18
Tulare	162	199	183	213	172	219	144	199	141	216	146	200	180	211	188	219
Tuolumne	28	34	28	33	30	38	26	36	23	35	27	37	32	38	30	35
Ventura	161	198	168	196	150	191	143	198	134	205	146	200	170	200	177	207
Yolo	52	64	51	59	50	64	48	66	44	67	52	71	68	80	70	82
Yuba	28	34	32	37	27	34	32	44	24	37	28	38	37	43	34	40
Other Counties*	13	16	12	14	13	16	10	14	11	17	11	15	13	16	12	14
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**	**8,924**	**10,481**	**8,872**	**10,353**

2012-2017 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.


2017 California Retail Gasoline Sales by County (Millions of Gallons)
Survey Responses
Projected Sales
0
500
1,000
1,500
2,000
2,500
3,000
3,500
4,
Los Angeles
Orange
San Diego
Riverside
San Bernardino
Santa Clara
Sacramento
Alameda
Contra Costa
Kern
Fresno
San Joaquin
Ventura
San Mateo
Stanislaus
Solano
Sonoma
Placer
Monterey
Santa Barbara
Tulare
San Luis Obispo
San Francisco
Merced
Yolo
Marin
Santa Cruz
Shasta
Butte
Imperial
El Dorado
Madera
Kings
Humboldt
Napa
Nevada
Sutter
Mendocino
Yuba
Siskiyou
Tehama
Tuolumne
Lake
San Benito
Glenn
Inyo
Amador
Calaveras
Colusa
Del Norte
Lassen
Mariposa
Plumas
Mono
Trinity
Other Counties*
* Other Counties include Alpine, Modoc and Sierra.

Retail Gasoline Sales by County

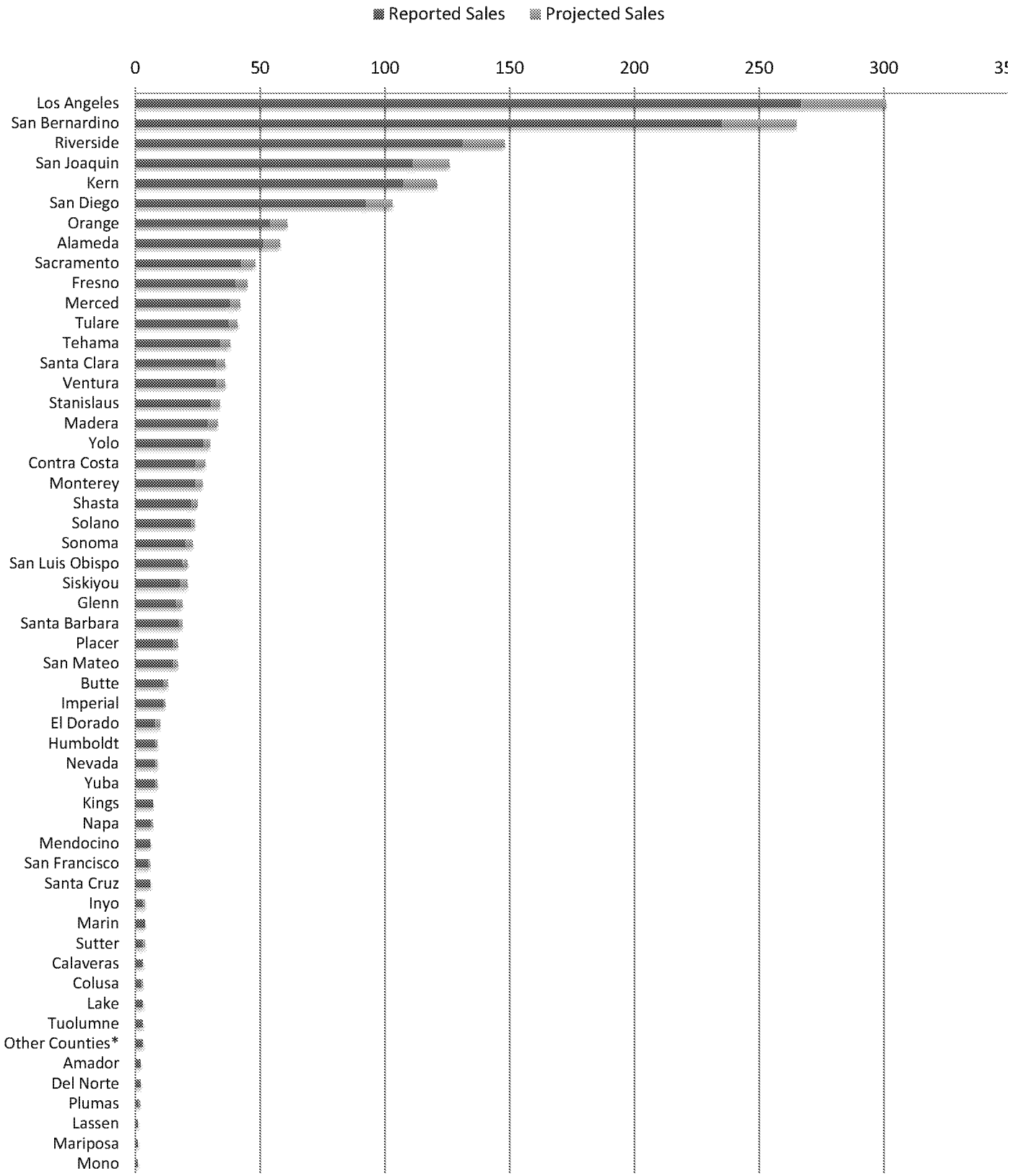
(Millions of Gallons)

County	2010 Survey Responses	2010 Estimated Totals	2011 Survey Responses	2011 Estimated Totals	2012# Survey Responses	2012# Estimated Totals	2013# Survey Responses	2013# Estimated Totals	2014# Survey Responses	2014# Estimated Totals	2015# Survey Responses	2015# Estimated Totals	2016# Survey Responses	2016# Estimated Totals	2017# Survey Responses	2017# Estimated Totals
Alameda	456	551	476	548	480	568	473	603	341	491	432	542	518	582	521	583
Amador	12	15	12	14	12	14	10	12	11	15	10	13	12	14	13	15
Butte	66	81	70	81	66	78	64	81	59	85	62	78	74	83	78	87
Calaveras	11	14	12	14	10	12	10	13	10	14	11	14	13	15	14	15
Colusa	13	17	9	11	8	10	10	13	7	10	7	9	10	11	11	12
Contra Costa	332	403	344	395	354	419	331	422	272	392	303	380	384	431	385	430
Del Norte	6	8	6	7	6	7	4	5	5	7	5	6	6	7	6	7
El Dorado	55	68	57	67	64	75	56	72	36	52	65	81	72	81	73	82
Fresno	285	342	290	335	288	341	269	344	209	300	264	331	318	358	328	367
Glenn	12	14	12	14	11	12	11	14	11	16	13	16	15	17	17	18
Humboldt	44	54	46	54	45	53	51	64	31	44	47	59	54	61	49	55
Imperial	56	69	51	60	46	54	46	58	58	83	63	79	77	86	74	83
Inyo	16	19	16	18	13	16	12	16	12	17	14	18	16	18	16	18
Kern	293	362	309	359	301	356	287	367	267	384	299	375	362	407	349	390
Kings	42	51	41	48	40	47	38	48	31	45	41	51	50	57	54	60
Lake	20	25	18	22	17	20	19	24	17	25	19	23	7	8	19	21
Lassen	6	7	6	7	5	6	5	6	6	8	7	9	19	21	5	6
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	3,184	3,577	3,272	3,659
Madera	47	57	54	61	44	53	43	54	31	45	35	44	52	59	56	62
Marin	78	94	91	103	91	107	83	106	52	75	83	105	91	102	90	101
Mariposa	6	7	6	7	5	6	4	5	6	9	5	6	7	8	5	6
Mendocino	33	41	34	40	36	43	33	42	28	40	32	40	37	42	34	38
Merced	86	106	81	95	78	92	74	94	58	83	84	105	101	114	105	117
Mono	6	7	5	6	2	2	6	8	6	8	6	7	7	8	5	5
Monterey	124	152	134	155	124	147	139	177	87	126	147	184	157	177	155	174
Napa	42	52	42	47	49	58	41	52	27	39	50	63	50	57	47	53
Nevada	34	42	30	35	29	34	19	25	19	27	31	40	36	40	35	39
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	1,224	1,375	1,236	1,382
Placer	154	190	162	189	162	192	131	167	118	170	167	209	181	204	182	203
Plumas	6	7	7	8	6	7	3	4	5	8	5	7	5	5	5	6
Riverside	781	952	792	916	756	895	725	925	702	1,010	828	1,039	921	1,035	941	1,052
Sacramento	467	566	482	553	473	560	446	568	308	442	465	584	534	600	535	599
San Benito	15	18	14	16	17	20	5	7	10	14	12	15	15	17	18	20
San Bernardino	747	902	761	871	742	878	697	889	659	948	725	909	899	1,010	888	993
San Diego	1,094	1,320	1,122	1,291	1,079	1,277	972	1,241	940	1,352	1,123	1,408	1,221	1,372	1,231	1,377
San Francisco	112	138	129	151	126	149	126	161	71	102	107	134	119	134	120	134
San Joaquin	248	303	260	301	253	299	254	325	217	312	287	360	303	340	310	347
San Luis Obispo	121	147	123	144	105	124	109	140	101	145	117	147	127	142	127	142
San Mateo	232	275	272	310	258	306	244	311	159	229	243	304	289	325	291	326
Santa Barbara	141	174	140	164	140	166	135	172	124	178	148	186	161	181	152	170
Santa Clara	514	621	600	691	589	697	546	696	460	661	580	727	638	717	613	685
Santa Cruz	84	103	91	106	89	105	79	101	53	77	77	96	85	95	84	94
Shasta	72	88	73	85	77	91	65	83	55	79	76	95	73	82	83	92
Siskiyou	20	25	17	19	19	23	9	12	10	14	21	27	24	27	26	29
Solano	158	190	191	218	180	213	158	202	116	167	160	201	187	210	194	217
Sonoma	157	189	155	178	160	189	163	208	146	210	160	201	186	209	186	208
Stanislaus	191	230	184	212	173	205	144	183	159	229	201	252	217	244	227	253
Sutter	30	37	31	37	34	40	33	42	17	24	30	38	35	39	35	39
Tehama	27	33	24	28	23	27	19	24	18	26	24	30	25	29	26	29
Trinity	3	4	3	4	1	2	3	4	3	4	3	4	4	5	4	5
Tulare	109	132	121	139	120	142	91	116	107	155	114	143	136	152	149	167
Tuolumne	14	17	13	16	15	18	12	15	14	21	18	23	21	23	22	25
Ventura	285	345	290	335	262	310	246	314	249	358	256	321	294	330	302	338
Yolo	82	100	76	87	74	87	75	96	63	90	82	103	98	110	101	113
Yuba	24	29	26	30	22	26	23	30	14	20	24	30	32	36	30	34
Other Counties*	2	3	2	2	1	2	1	1	1	2	2	2	2	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**	**13,785**	**15,491**	**13,936**	**15,584**

2012 to 2017 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.

2017 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 49% of all diesel sales, are not reported in this chart.

Retail Diesel Sales by County

(Millions of Gallons)

County	2010 Survey Responses	2010 Estimated Totals	2011 Survey Responses	2011 Estimated Totals	2012# Survey Responses	2012# Estimated Totals	2013# Survey Responses	2013# Estimated Totals	2014# Survey Responses	2014# Estimated Totals	2015# Survey Responses	2015# Estimated Totals	2016# Survey Responses	2016# Estimated Totals	2017# Survey Responses	2017# Estimated Totals
Alameda	29	32	26	28	30	36	27	34	19	27	38	49	47	54	51	58
Amador	2	2	2	2	2	2	1	2	1	2	1	2	2	2	2	2
Butte	9	10	9	10	7	9	8	10	8	10	9	11	11	13	11	13
Calaveras	2	2	2	2	2	2	1	2	1	2	2	2	3	3	3	3
Colusa	3	3	2	3	4	5	4	5	2	2	3	4	4	4	2	3
Contra Costa	15	18	19	21	17	20	17	21	12	17	19	24	23	26	24	28
Del Norte	1	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2
El Dorado	6	8	6	7	6	7	5	6	4	6	7	9	8	9	8	10
Fresno	30	33	35	38	33	40	23	29	18	25	39	50	40	46	40	45
Glenn	5	5	4	4	4	5	4	5	4	5	5	6	12	14	16	19
Humboldt	10	12	10	12	10	12	11	14	4	5	10	13	13	14	8	9
Imperial	9	10	8	9	7	8	8	10	8	11	9	11	14	16	11	12
Inyo	3	4	3	4	2	2	3	4	3	3	3	4	3	4	3	4
Kern	111	117	125	129	133	158	118	148	124	171	125	160	131	149	107	121
Kings	7	7	7	8	7	9	5	6	4	6	7	9	5	6	7	7
Lake	3	3	3	3	2	2	2	3	2	3	3	3	1	1	3	3
Lassen	1	1	1	2	1	1	1	1	1	2	3	3	4	4	1	1
Los Angeles	212	235	221	239	205	245	190	239	194	267	257	328	273	309	267	301
Madera	23	24	23	24	24	28	18	23	22	31	26	33	28	31	29	33
Marin	3	4	2	3	3	3	2	3	2	2	2	3	4	4	4	4
Mariposa	1	1	1	1	1	1	-	1	2	2	1	1	1	2	1	1
Mendocino	6	7	7	8	7	9	6	6	4	5	6	7	9	10	6	6
Merced	44	45	37	38	46	55	49	62	49	68	54	69	59	66	38	42
Mono	1	1	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	24	27
Napa	2	2	2	2	6	7	2	3	2	3	6	8	6	7	6	7
Nevada	5	5	5	5	4	4	1	2	4	6	7	8	8	9	8	9
Orange	38	47	36	42	38	46	33	42	37	51	46	59	52	59	54	61
Placer	13	16	13	15	12	15	9	12	10	13	13	16	15	17	15	17
Plumas	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Riverside	84	93	87	94	89	107	86	109	100	138	119	152	128	145	131	148
Sacramento	33	37	32	35	27	32	18	21	21	29	28	36	38	42	42	48
San Bernardino	141	149	136	142	158	189	164	206	152	210	198	253	223	252	235	265
San Diego	69	80	64	72	62	74	58	73	67	93	87	111	93	105	92	103
San Francisco	3	3	3	3	3	4	4	5	1	2	5	6	6	6	5	6
San Joaquin	73	75	85	87	84	99	90	113	86	119	102	131	116	131	111	126
San Luis Obispo	12	14	16	18	11	13	9	12	12	17	19	24	20	23	19	21
San Mateo	10	12	8	10	8	10	8	10	4	6	15	19	13	14	15	17
Santa Barbara	13	14	16	17	10	13	12	15	13	18	20	26	22	25	17	19
Santa Clara	23	26	26	28	27	32	28	35	25	35	36	47	30	34	32	36
Santa Cruz	4	5	5	6	4	5	4	6	2	3	5	6	5	6	6	6
Shasta	20	23	19	21	16	19	18	22	13	18	21	27	21	24	22	25
Siskiyou	5	6	11	11	16	20	15	19	16	20	20	26	19	22	18	21
Solano	14	17	18	20	14	16	14	17	8	11	14	18	17	19	22	24
Sonoma	14	16	18	19	13	16	14	18	12	17	15	20	20	23	20	23
Stanislaus	33	36	27	29	25	30	15	19	20	27	26	33	20	22	30	34
Sutter	4	5	2	3	3	4	4	5	2	3	4	5	5	6	3	4
Tehama	31	32	38	39	35	42	37	47	25	35	37	48	35	39	34	38
Tulare	23	25	33	35	27	32	31	39	31	43	34	43	37	42	37	41
Tuolumne	2	2	2	2	1	2	2	2	2	2	2	3	2	3	3	3
Ventura	20	23	32	34	23	27	23	29	25	34	27	34	29	32	32	36
Yolo	33	34	26	27	27	33	30	37	29	40	27	35	32	37	27	30
Yuba	4	4	4	5	3	4	3	4	2	3	2	3	4	5	8	9
Other Counties*	1	2	2	2	1	2	1	1	1	2	2	2	3	3	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**	**1,717**	**1,937**

2012-2017 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 49% of all diesel sales, are not reported in this chart.