## 2021

# Wildfire Activity Statistics



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## **2021 Wildfire Activity Statistics**

California Department of Forestry and Fire Protection Office of the State Fire Marshal

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## FOREWORD WILDFIRE ACTIVITY STATISTICS

The California Department of Forestry and Fire Protection (CAL FIRE), under the direction of the State Board of Forestry and Fire Protection, provides the annual Wildfire Activity Statistics report. Although it contains other information, this report is primarily a statistical record of wildfire incidents responded to by CAL FIRE personnel and resources, performing the State/CAL FIRE mission, using State funding within CAL FIRE Direct Protection Area (DPA).

The existing overall fire protection system involving CAL FIRE and California as a whole is rather complex. A number of technical terms are utilized, and the use of fire statistics typically presupposes some understanding of the overall framework. A description of this framework can be found at (<a href="https://www.fire.ca.gov/programs/communications/">https://www.fire.ca.gov/programs/communications/</a>), and in the Glossary of terms at the end of this document.

The first Forest Fire Summary (RED BOOK) was published in 1943 and has continued to this date. Prior to 1989, data and statistics were tabulated manually; today, statistics are derived from an automated database. CAL FIRE began electronically entering incident data into the Emergency Activity Reporting System (EARS) on July 1, 1989. Starting at the end of 2006, CAL FIRE began reporting incidents using a web-based subscription service called California All Incident Reporting System (CAIRS). In 2021, CAL FIRE began reporting incidents using a web-based subscription service called CAL FIRE Incident Reporting System (CALFIRS). This data is imported into the California Incident Data and Statistics (CalStats) database by CAL FIRE staff and the data is uploaded periodically to the National Database maintained by the United States Fire Administration (USFA). Due to the changes in data collection, methods, and systems over the years, information may not always be comparable, and data may be of differing accuracy or completeness.

Throughout this report, the statistics are displayed by **who** provides the wildfire protection. Forces include CAL FIRE personnel and resources, CAL FIRE employees working under a local government agreement, Contract County personnel, and federal firefighting resources. The second part of the statistical reporting is **where** the protection is provided. Areas are categorized as State Responsibility Area (SRA) or DPA.

SRA is State and privately-owned forest, watershed, and rangeland for which the primary financial responsibility of preventing and suppressing wildfires rests with the State (Map 1).

The term "Direct Protection Area" is applied to indicate when a particular fire protection organization has the primary responsibility for responding to an uncontrolled fire and for directing the suppression activity. Thus, in addition to lands in SRA, CAL FIRE may have "direct protection" responsibility on lands in federal jurisdiction. At the same time, federal agencies, such as the U.S. Forest Service, may have "direct protection" responsibility for lands in SRA and federal areas for which CAL FIRE has "direct protection" responsibility for fire protection responses are depicted on Map 2.

The State contracts with six counties to provide protection of SRA within their boundaries. These counties [Kern, Los Angeles, Marin, Orange, Santa Barbara, and Ventura] are referred to as Contract Counties.

CAL FIRE provides fire protection to local government cooperators through agreements with counties, cities, fire districts, special districts, and service areas. Wildfire statistics associated with incidents where local government reimburses CAL FIRE for services are displayed in Table 1.

This report also includes a statewide summary of California wildfires and a listing of wildfires over three hundred acres for all wildfire agencies (Table 5). The statistical information in this report is gathered from data in the previously defined CALFIRS and Incident Status Summaries (ICS-209) on the Integrated National Application Portal (iNAP) website: <a href="https://nap.nwcg.gov/NAP/">https://nap.nwcg.gov/NAP/</a>.

Additional Wildfire Activity Statistics for previous years can be found at the following website: <a href="https://www.fire.ca.gov/stats-events/">https://www.fire.ca.gov/stats-events/</a>.

## 2021 STATEWIDE FIRE SUMMARY

During 2021, wildfire firefighting agencies responded to 7,396 fires that burned 2,569,386 acres. For wildfire agencies, this represents a 10% decrease in the number of fires and a 40% decrease in acres burned from 2020. CAL FIRE, through State funded and local government contracts, reported 5,474 wildfire incidents that burned 293,531 acres, which represents a 7% decrease in fires and an 80% decrease in acres burned from 2020.

Table 1. Protection Areas by Wildfire Agency—Fires and Acres

Direct Protection Area	Fires	Acres Burned
CAL FIRE – (State Responsibility)	3,054	279,703
CAL FIRE – (Local Government Contracts)	2,420	13,828
Contract Counties	253	6,706
United States Forest Service	1,267	2,029,239
Bureau of Land Management	183	30,145
National Park Service	115	109,420
Bureau of Indian Affairs	83	98,793
United States Fish and Wildlife Service	20	552
Military	1	1,000
2021 Total	7,396	2,569,386
5 Year Average (2017-2021) All Agencies	7,930	2,132,516
5 Year Average CAL FIRE (2017-2021) Includes Local Govt. Contracts	5,844	642,640

Federal agencies provide their fire statistics as a courtesy to CAL FIRE.

Table 2. The Top Five Fires for 2021 by Acreage Burned

Fire Name	County	Start Date	Acres Burned	Fire Cause	Structures Destroyed
Dixie	Plumas, Butte, Lassen, Shasta, Tehama	07/13/21	963,309	Electrical Power	1,311
Monument	Trinity	07/30/21	223,124	Lightning	28
Caldor	El Dorado	08/14/21	221,835	Under Investigation	1,005
River Complex	Siskiyou	07/30/21	199,359	Lightning	122
Antelope	Siskiyou	08/01/21	145,632	Lightning	20

Source: Redbook, Table 5, Large Fires 300 Acres and Greater – State and Contract Counties Direct Protection Areas and Table 6, Large Fires 300 Acres and Greater - Other Agencies Direct Protection Areas.

Map 1. State Responsibility Area (SRA)

## STATE RESPONSIBILITY AREA (SRA)

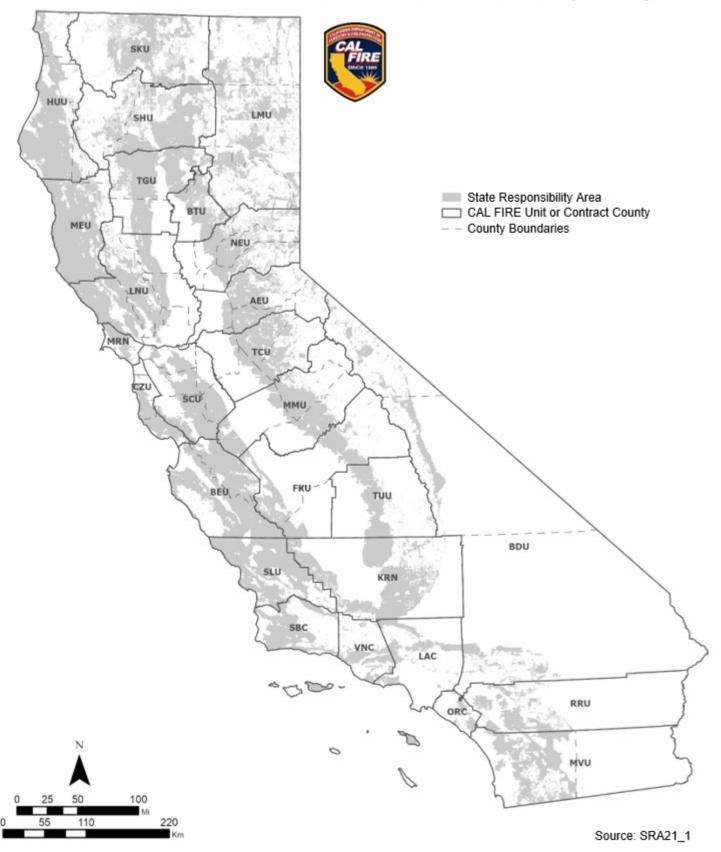


Table 3. State Responsibility Area, Acres Protected by State and Other Agencies (2021)\*

Table 3. State Res							
COUNTY	252,000	USFS 0	BLM 0	NPS 0	CC 0	Other FED 0	TOTAL 252,000
Alameda Alpine	232,000	34,000	400	0	0	0	34,400
Amador	279,700	8,400	0	0	0	0	288,100
Butte	500,800	35,300	0	0	0	0	536,100
	524,400	2,300	0	0	0	0	526,700
Calaveras Colusa	241,500	5,100	0	0	0	0	246,600
Contra Costa	192,200	0,100	0	0	0	0	192,200
Del Norte	172,500	16,700	0	800	0	0	190,000
El Dorado	404,900	143,600	0	0	0	0	548,500
Fresno	774,800	28,900	0	0	0	0	803,700
Glenn	290,100	7,200	0	0	0	0	297,300
Humboldt	1,542,800	69,400	0	400	0	0	1,612,600
Imperial	1,800	0	0	0	0	0	1,800
Inyo	322,300	11,600	17,200	0	0	0	351,100
Kern	0	29,300	152,000	0	1,642,600	0	1,823,900
Kings	149,000	0	0	0	0	0	149,000
Lake	355,600	39,800	0	0	0	0	395,400
Lassen	592,200	80,900	377,600	0	0	0	1,050,700
Los Angeles	0	28,200	0	0	470,000	0	498,200
Madera	368,100	9,700	0	0	0	0	377,800
Marin	0	0	0	0	200,000	0	200,000
Mariposa	426,900	16,200	0	500	0	0	443,600
Mendocino	1,838,600	15,300	0	0	0	0	1,853,900
Merced	393,900	0	0	0	0	0	393,900
Modoc	371,500	187,500	73,100	0	0	0	632,100
Mono	2,500	92,200	161,100	0	0	0	255,800
Monterey	1,250,600	38,000	0	0	0	0	1,288,600
Napa	360,400	0	0	0	0	0	360,400
Nevada	298,300	84,200	0	0	0	0	382,500
Orange	0	2,500	0	0	103,600	0	106,100
Placer	272,600	85,100	0	0	0	0	357,700
Plumas	96,600	340,800	100	0	0	0	437,500
Riverside	554,600	26,100	49,100	0	2,600	0	632,400
Sacramento	113,500	0	0	0	0	0	113,500
San Benito	729,000	0	0	0	0	0	729,000
San Bernardino	310,400	38,500	0	0	0	0	348,900
San Diego	1,087,300	79,600	0	0	0	0	1,166,900
San Francisco	0	0	0	0	0	0	0
San Joaquin	145,200	0	0	0	0	0	145,200
San Luis Obispo	1,406,300	39,900	81,500	0	1,700	0	1,529,400

Table 3. (continued) State Responsibility Area, Acres Protected by State and Other Agencies (2021) \*

COUNTY	CAL FIRE	USFS	BLM	NPS	CC	Other FED	TOTAL
San Mateo	176,400	0	0	0	0	0	176,400
Santa Barbara	0	65,800	0	55,200	675,100	1,200	797,300
Santa Clara	557,700	0	0	0	0	0	557,700
Santa Cruz	228,600	0	0	0	0	0	228,600
Shasta	1,145,000	217,900	0	2,500	0	0	1,365,400
Sierra	0	154,300	2,300	0	0	0	156,600
Siskiyou	1,032,500	352,000	0	0	0	0	1,384,500
Solano	86,900	0	0	0	0	0	86,900
Sonoma	794,000	0	0	0	0	0	794,000
Stanislaus	425,500	0	0	0	0	0	425,500
Sutter	0	0	0	0	0	0	0
Tehama	1,148,900	135,700	0	0	0	0	1,284,600
Trinity	259,200	228,900	0	400	0	0	488,500
Tulare	573,800	11,700	11,300	2,500	0	300	599,600
Tuolumne	299,200	57,800	0	1,500	0	0	358,500
Ventura	0	48,300	0	0	307,000	0	355,300
Yolo	179,200	0	0	0	0	0	179,200
Yuba	179,700	30,000	0	0	0	0	209,700
TOTAL	23,709,500	2,898,700	925,700	63,800	3,402,600	1,500	31,001,800

CAL FIRE - California Department of Forestry and Fire Protection

USFS - United States Forest Service

BLM - Bureau of Land Management

NPS - National Park Service

**CC - Contract County** 

Other FED - Other Federal Fire Protection Agency

Source: SRA21\_1, DirectProtectionAreas 21\_2

Map and data prepared by CAL FIRE Office of the State Fire Marshal (OSFM)

<sup>\*</sup>Acres rounded to nearest hundred

Map 2. CAL FIRE - Direct Protection Area (DPA)

# **CAL FIRE DIRECT PROTECTION AREA (DPA)**

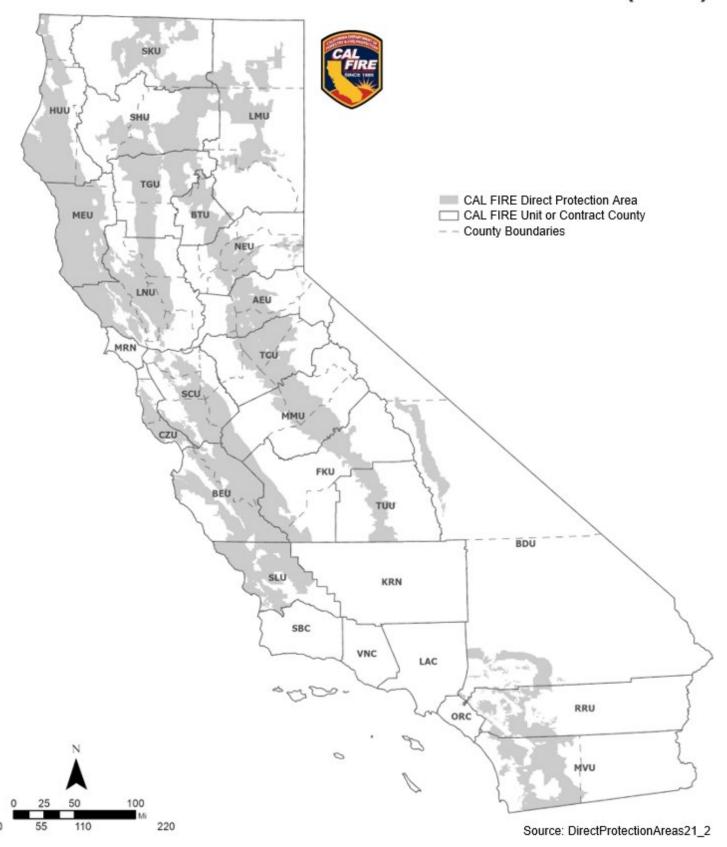


Table 4. CAL FIRE Direct Protection Area, Acres by Jurisdiction (2021) \*

Table 4. CALTINE DI	rect Protection Area	, Acres by Jurisuit	JUII (2021)	
COUNTY	STATE	FEDERAL	CDFLWC	TOTAL ACRES
Alameda	251,800	200	0	252,000
Alpine	0	0	0	0
Amador	279,600	13,800	0	293,400
Butte	500,700	60,300	0	561,000
Calaveras	524,400	98,900	0	623,300
Colusa	241,500	44,300	0	285,800
Contra Costa	192,200	100	0	192,300
Del Norte	172,300	15,900	0	188,200
El Dorado	404,900	66,300	0	471,200
Fresno	774,700	196,900	0	971,600
Glenn	290,100	12,300	0	302,400
Humboldt	1,542,100	126,400	0	1,668,500
Imperial	1,800	13,900	0	15,700
Inyo	322,300	146,100	0	468,400
Kern	0	0	0	0
Kings	149,000	1,700	0	150,700
Lake	355,600	126,700	0	482,300
Lassen	592,100	372,000	0	964,100
Los Angeles	0	0	0	0
Madera	368,100	44,400	0	412,500
Marin	0	0	800	800
Mariposa	426,900	88,900	0	515,800
Mendocino	1,838,400	156,900	0	1,995,300
Merced	393,800	33,400	0	427,200
Modoc	371,500	144,700	0	516,200
Mono	2,400	3,800	0	6,200
Monterey	1,250,000	39,700	0	1,289,700
Napa	360,400	63,100	0	423,500
Nevada	298,200	38,900	6,700	343,800
Orange	0	0	4,700	4,700
Placer	272,600	61,700	2,000	336,300
Plumas	96,600	21,700	0	118,300
Riverside	554,500	170,700	15,200	740,400
Sacramento	113,500	100	0	113,600
San Benito	728,800	82,800	0	811,600
San Bernardino	306,400	181,500	22,700	510,600
San Diego	1,087,200	317,500	0	1,404,700
San Francisco	0	0	0	0
San Joaquin	145,100	300	0	145,400
San Luis Obispo	1,405,700	47,700	0	1,453,400
San Mateo	176,400	100	0	176,500
Santa Barbara	0	0	0	0
Santa Clara	557,200	1,500	0	558,700

Table 4. (continued) CAL FIRE Direct Protection Area, Acres by Jurisdiction (2021) \*

COUNTY	STATE	FEDERAL	CDFLWC	TOTAL ACRES
Santa Cruz	228,600	5,900	0	234,500
Shasta	1,145,000	275,700	0	1,420,700
Sierra	0	0	0	0
Siskiyou	1,032,500	248,900	0	1,281,400
Solano	86,900	2,100	0	89,000
Sonoma	793,700	23,600	0	817,300
Stanislaus	425,500	1,800	0	427,300
Sutter	0	0	0	0
Tehama	1,148,900	81,200	0	1,230,100
Trinity	259,200	85,700	0	344,900
Tulare	573,600	48,100	0	621,700
Tuolumne	299,200	87,500	0	386,700
Ventura	0	0	0	0
Yolo	179,200	29,400	0	208,600
Yuba	179,600	6,800	0	186,400
TOTAL	23,700,700	3,691,900	52,100	27,444,700

STATE - State of California FEDERAL - Federal Lands

CDFLWC - CAL FIRE Local Wildland Contract

Source: DirectProtectionAreas21\_2, SRA21\_1

Map and data prepared by CAL FIRE Office of the State Fire Marshal (OSFM)

<sup>\*</sup>Acres rounded to nearest hundred

Table 5. Large Fires 300 Acres and Greater - State and Contract Counties Direct Protection Area

			Da	ate	Origin	Acres Burned	Veg.		Struc	tures	Fata	lities
Incident #	County	Fire Name	Start	Contained	DPA	Total	Туре	Cause	Dest.	Dam.	Fire	Civil
KRN-3139	KERN	WOLF	01/19/21	01/20/21	CC	865	G	UNDETERMINED				
SKU-2246	SISKIYOU	REFUGE	03/27/21	03/28/21	CAL FIRE	873	G	DEBRIS BURNING				
MVU-7992	SAN DIEGO	SOUTHERN	05/01/21	05/07/21	CAL FIRE	5,366	B, G	UNDETERMINED	3			
BTU-5834	BUTTE	GUNNISON	05/08/21	05/08/21	CAL FIRE	550	G	EQUIPMENT USE	2	1		
RRU-65819	RIVERSIDE	DAVIS	05/18/21	05/18/21	CAL FIRE	300	B, G	ARSON				
TCU-6637	STANISLAUS	MILE	05/27/21	05/28/21	CAL FIRE	508	G	ARSON				
BEU-3247	MONTEREY	SARGENTS	05/30/21	06/02/21	CAL FIRE	1,118	B, G	ELECTRICAL POWER				
NEU-14434	YUBA	INTANKO	06/08/21	06/16/21	CAL FIRE	939	B, G	MISCELLANEOUS	2			
BTU-7844	BUTTE	PARK	06/17/21	06/19/21	CAL FIRE	402	G	UNDETERMINED				
BDU-8199	INYO	ALABAMA	06/18/21	06/23/21	CAL FIRE	560	B, G	LIGHTNING				
TUU-349	TULARE	SUCCESS 2	06/18/20	06/21/21	CAL FIRE	800	B, G	LIGHTNING				
MVU-11189	SAN DIEGO	OVERLAND	06/19/21	06/23/21	CAL FIRE	515	B, G	ARSON				
SHU-6200	SHASTA	COW	06/20/21	06/26/21	CAL FIRE	761	B, G	VEHICLE	2			
MVU-11497	SAN DIEGO	MESA	06/23/21	06/30/21	CAL FIRE	350	B, G	UNDETERMINED				
KRN-29463	KERN	SHELL	06/27/21	07/01/21	СС	1,984	B, G, T	VEHICLE				
TUU-426	TULARE	MAIN	07/03/21	07/04/21	CAL FIRE	384	G	UNDER INVESTIGATION				
MMU-14714	MARIPOSA	RIVER	07/11/21	07/21/21	CAL FIRE	9,656	B, G	ELECTRICAL POWER	12	2		
BTU-9205	PLUMAS, BUTTE, LASSEN, SHASTA, TEHAMA	DIXIE	07/13/21	10/26/21	CAL FIRE	963,309	B, T	ELECTRICAL POWER	1,311	94		

The information on this list is gathered from the ICS 209 incident reports and Damage Inspection (DINS) database, then verified in the California Incident Data and Statistics (CalStats) database and includes information on fire activity within the Direct Protection Areas of CAL FIRE and Contract Counties.

Table 5. (continued) Large Fires 300 Acres and Greater - State and Contract Counties Direct Protection Area

			Da	ite	Origin	Acres Burned	Veg.		Structures		Fata	lities
Incident #	County	Fire Name	Start	Contained	DPA	Total	Type	Cause	Dest.	Dam.	Fire	Civil
NEU-20628	PLACER	RIVER	08/04/21	09/22/21	CAL FIRE	2,619	B, T	UNDETERMINED	142	21		
TCU-11033	CALAVERAS	AIROLA	08/25/21	09/02/21	CAL FIRE	639	B, G	UNDER INVESTIGATION				
BDU-12298	SAN BERNARDINO	SOUTH	08/25/21	09/01/21	CAL FIRE	680	B, G, T	EQUIPMENT USE	9	28		
NEU-23725	PLACER	BRIDGE	09/05/21	09/16/21	CAL FIRE	411	B, T	ARSON				
SHU-10480	SHASTA	FAWN	09/22/21	10/02/21	CAL FIRE	8,578	B, T	ARSON	185	26		
FKU-16412	KINGS	KETTLE	10/11/21	10/12/21	CAL FIRE	447	G	UNDETERMINED				
SUBTOTAL						1,002,614			1,668	172	0	0

The information on this list is gathered from the ICS 209 incident reports and Damage Inspection (DINS) database, then verified in the California Incident Data and Statistics (CalStats) database and includes information on fire activity within the Direct Protection Areas of CAL FIRE and Contract Counties.

Table 6. Large Fires 300 Acres and Greater - Other Agencies Direct Protection Areas

			Da	nte	Origin	Acres Burned	Veg.		Struc	tures	Fata	lities
Incident #	County	Fire Name	Start	Contained	DPA	Total	Туре	Cause	Dest.	Dam.	Fire	Civil
RRU-7737	RIVERSIDE	BONITA	01/15/21	01/30/21	USFS	681	B, G	UNDETERMINED				
STF-134	TUOLUMNE	ABERNATHY	01/19/21	01/23/21	USFS	374	B, G	UNDETERMINED				
LAC-128550	LOS ANGELES	NORTH	04/28/21	05/02/21	LOCAL	650	B, G	ARSON				
CDD-7393	KERN	OWENS	05/01/21	05/06/21	BLM	1,512	B, G	UNDETERMINED				
LAC-144343	LOS ANGELES	PINE	05/12/21	05/15/21	LOCAL	442	B, G	UNDETERMINED	5	1		
LFD-1448	LOS ANGELES	PALISADES	05/14/21	05/26/21	LOCAL	1,202	В	ARSON				
LAC-1152631	LOS ANGELES	WEEVILL	05/20/21	05/22/21	LOCAL	300	B, G	UNDETERMINED				
MCP	SAN DIEGO	SIERRA	06/09/21	06/11/21	MIL	1,000	B, G	UNDETERMINED				
BDF-9477	RIVERSIDE	FLATS	06/13/21	06/20/21	USFS	341	B, G	UNDETERMINED	3	1		
TIA-1624	TULARE	NETTLE	06/18/21	07/01/21	BIA	1,265	B, G	UNDETERMINED				
MNP-9642	SAN BERNARDINO	MOJAVE	06/17/21	06/25/21	NPS	2,490	B, G	LIGHTNING				
LPF-1493	MONTEREY	WILLOW	06/17/21	07/11/21	USFS	2,877	B, G	UNDETERMINED				
INF-1299	INYO	INYO CREEK	06/19/21	07/06/21	USFS	592	B, T	LIGHTNING				
STF-1280	ALPINE	HENRY	06/25/21	08/27/21	USFS	1,320	В, Т	LIGHTNING				
KNF-5169	SISKIYOU	TENNANT	06/28/21	07/31/21	USFS	10,580	B, T	UNDETERMINED	9	1		
SHF-982	SHASTA	SALT	06/30/21	07/19/21	USFS	12,660	B, G	VEHICLE	43	4		
SHF-949	SISKIYOU	LAVA	06/24/21	09/01/21	USFS	26,409	В, Т	LIGHTNING	23	2		
YNP-52	TUOLUMNE	LUKENS	07/01/21	08/15/21	NPS	867	Т	LIGHTNING				

The information on this list is not a complete or final list of other agency large fires. This information is gathered from the ICS 209 incident reports. Federal agencies are not obligated to provide reports to CAL FIRE on fire activity within their jurisdiction. CAL FIRE assisted on these fires with either equipment or resources.

Table 6. (continued) Large Fires 300 Acres and Greater - Other Agencies Direct Protection Areas

			Da	ate	Origin	Acres Burned	Veg.		Struc	tures	Fata	lities
Incident #	County	Fire Name	Start	Contained	DPA	Total	Туре	Cause	Dest.	Dam.	Fire	Civil
PNF-1064	PLUMAS	BECKWOURTH COMPLEX	07/03/21	10/01/21	USFS	105,670	B, T	LIGHTNING	148	23		
LAC-205212	LOS ANGELES	TUMBLEWEED	07/04/21	07/09/21	LOCAL	868	B, G	UNDETERMINED				
HTF-30419	ALPINE	TAMARACK	07/04/21	10/15/21	USFS	68,637	B, T	LIGHTNING	15	2		
MDF-781	MODOC	JUNIPER	07/05/21	07/10/21	USFS	1,011	G, T	UNDETERMINED				
SHF-1067	SISKIYOU	BRADLEY	07/11/21	07/17/21	USFS	357	Т	UNDETERMINED				
INF-1695	MONO	DEXTER	07/12/21	07/28/21	USFS	2,965	B, T	LIGHTNING				
CND-2374	KERN	PEAK	07/20/21	08/03/21	BLM	2,098	B, T	UNDETERMINED	1	1		
SHF-1175	SHASTA	MCFARLAND	07/29/21	09/09/21	USFS	122,653	B, T	LIGHTNING	46	1		
SHF-1187	TRINITY	MONUMENT	07/30/21	11/01/21	USFS	223,124	B, T	LIGHTNING	28	2		
LAC-1237904	LOS ANGELES	HUNGRY	07/31/21	08/02/21	LOCAL	364	B, G	EQUIPMENT USE				
YNP-95	TUOLUMNE	TILTILL	07/31/21	10/22/21	NPS	2,350	B, T	LIGHTNING				
SRF-651	SISKIYOU	MCCASH	07/31/21	10/31/21	USFS	94,962	B, G, T	LIGHTNING				
KNF-6454	SISKIYOU	ANTELOPE	08/01/21	10/13/21	USFS	145,632	B, T	LIGHTNING	20	4		
KNF-6385	SISKIYOU	RIVER COMPLEX	07/30/21	11/01/21	USFS	199,359	B, T	LIGHTNING	122	2		
ENF-24030	EL DORADO	CALDOR	08/14/21	10/21/21	USFS	221,835	B, T	UNDER INVESTIGATION	1,005	81		
SQF-2758	TULARE	WALKERS	08/15/21	10/02/21	USFS	8,777	B, T	LIGHTNING				
CND-2796	KERN	FRENCH	08/18/21	10/20/21	BLM	26,535	G, T	UNDETERMINED	49	6		
CNF-2791	RIVERSIDE	CHAPARRAL	08/28/21	09/08/21	USFS	1,427	B, G	UNDETERMINED	3	2		

The information on this list is not a complete or final list of other agency large fires. This information is gathered from the ICS 209 incident reports. Federal agencies are not obligated to provide reports to CAL FIRE on fire activity within their jurisdiction. CAL FIRE assisted on these fires with either equipment or resources.

Table 6. (continued) Large Fires 300 Acres and Greater - Other Agencies Direct Protection Areas

			Da	ite	Origin	Acres Burned	Veg.		Struc	tures	Fata	lities
Incident #	County	Fire Name	Start	Contained	DPA	Total	Type	Cause	Dest.	Dam.	Fire	Civil
SRF-795	HUMBOLDT	KNOB	08/29/21	09/12/21	USFS	2,421	T	UNDETERMINED				
MNP-12915	SAN BERNARDINO	POND	08/30/21	09/04/21	NPS	491	B, G	LIGHTNING				
TIA-3058	TULARE	WINDY	09/09/21	11/11/21	BIA	97,528	B, T	LIGHTNING	21			
ANF-3438	LOS ANGELES	ROUTE	09/11/21	09/17/21	USFS	464	В	UNDETERMINED				
KNP-122	TULARE	KNP COMPLEX	09/11/21	12/17/21	NPS	88,307	B, G, T	LIGHTNING	4	1		
LPF-2759	SANTA BARBARA	ALISAL	10/11/21	11/21/21	USFS	16,970	B, G	UNDETERMINED	12	1		
SUBTOTAL						1,500,367			1,557	135	0	0
STATE, CONTRACT COUNTIES, AND OTHER AGENCIES DPA TOTAL		L	2,502,981			3,225	307	0	0			

The information on this list is not a complete or final list of other agency large fires. This information is gathered from the ICS 209 incident reports. Federal agencies are not obligated to provide reports to CAL FIRE on fire activity within their jurisdiction. CAL FIRE assisted on these fires with either equipment or resources.

Origin DPA = The agency on whose Direct Protection Area (DPA) the fires started.

Acres Burned = Acres burned in CAL FIRE area, other agencies, and total area burned.

Structures Destroyed = Residence, commercial property, outbuilding, or other structure that is declared unusable.

Structures Damaged = Residence, commercial property, outbuilding, or other structure that its usefulness or value is impaired.

Fatalities = Death of civilian or fire service personnel assigned to the incident.

T = Timber

B = Brush

W = Woodland

G = Grass

A = Agricultural Products

LOCAL = Local Fire Departments

CC = Contract Counties

MIL = Military Land

BLM = Bureau of Land Management

BIA = Bureau of Indian Affairs

FWS = Fish and Wildlife Service

NPS = National Park Service

USFS = United States Forest Service

Table 7. Number of Fires and Acres Burned by Cause and by Size in Contract Counties

**Number of Fires by Cause** 

Contract Counties	Total	Arson	Campfire	Debris Burning	Electrical Power	Equipment Use	Ltng.	Misc.	P-W-F	Railroad	Smoking	Undet.	Vehicle
Kern	68	6	0	2	1	17	1	16	0	0	0	25	0
Los Angeles	92	8	14	4	1	11	4	22	6	0	3	19	0
Marin	17	0	0	0	0	1	0	14	0	0	0	1	1
Orange	7	1	0	0	0	0	0	3	0	0	0	2	1
Santa Barbara	29	0	0	4	0	2	0	19	0	0	0	0	4
Ventura	40	2	0	0	2	1	0	27	0	0	0	8	0
TOTAL	253	17	14	10	4	32	5	101	6	0	3	55	6

**Number of Acres Burned by Cause** 

Contract Counties	Total	Arson	Campfire	Debris Burning	Electrical Power	Equipment Use	Ltng.	Misc.	P-W-F	Railroad	Smoking	Undet.	Vehicle
Kern	4,684	67	0	54	0	2,045	1	2,109	0	0	0	408	0
Los Angeles	1,668	660	12	1	18	368	1	27	3	0	101	477	0
Marin	57	0	0	0	0	44	0	12	0	0	0	1	0
Orange	3	0	0	0	0	0	0	0	0	0	0	3	0
Santa Barbara	187	0	0	108	0	2	0	14	0	0	0	0	63
Ventura	107	5	0	0	0	0	0	94	0	0	0	8	0
TOTAL	6,706	732	12	163	18	2,459	2	2,256	3	0	101	897	63

Data provided by the Contract Counties and collected from the California Incident Data and Statistics (CalStats) database.

Table 7. (continued) Number of Fires and Acres Burned by Cause and by Size in Contract Counties

## **Number of Fires by Size**

Contract Counties	Total	A .25 acres or <	B .26-9.99 acres	C 10-99 acres	D 100-299 acres	E 300-999 acres	F 1000-4999 acres	G 5000 acres or >
Kern	68	26	30	9	1	0	2	0
Los Angeles	92	45	40	3	1	3	0	0
Marin	17	11	5	1	0	0	0	0
Orange	7	5	2	0	0	0	0	0
Santa Barbara	29	5	20	4	0	0	0	0
Ventura	40	27	9	4	0	0	0	0
TOTAL	253	119	106	21	2	3	2	0

Data provided by the Contract Counties and collected from the California Incident Data and Statistics (CalStats) database.

Table 8. Number of Fires by Cause, by Unit

	Total	Arson	Camp- fire	Debris Burning	Elec. Power	Equip. Use	Ltng.	Misc.	P-W-F	Rail- road	Smoking	Undet.	Vehicle
NORTHERN REGION													
Amador-El Dorado	255	18	8	72	27	34	8	24	2	0	5	27	30
Butte	97	18	0	12	9	22	7	8	0	0	4	10	7
Humboldt-Del Norte	106	16	10	16	8	7	2	4	2	0	0	33	8
Lassen-Modoc	78	5	1	12	2	3	38	6	1	0	0	6	4
Mendocino	134	22	2	35	11	6	10	12	1	0	1	15	19
Nevada-Yuba-Placer	278	19	5	62	24	54	6	19	2	3	6	47	31
San Mateo-Santa Cruz	75	11	6	5	18	1	2	11	3	0	0	11	7
Santa Clara	142	18	0	1	20	9	0	13	4	0	3	39	35
Shasta-Trinity	205	66	7	31	17	25	12	11	4	0	10	7	15
Siskiyou	81	1	2	14	7	8	16	4	0	0	1	11	17
Sonoma-Lake-Napa	282	49	15	41	39	33	7	18	3	0	6	25	46
Tehama-Glenn	67	15	1	12	8	12	1	7	3	0	0	2	6
TOTAL	1,800	258	57	313	190	214	109	137	25	3	36	233	225
SOUTHERN REGION													
Fresno-Kings	108	24	3	17	14	9	0	8	2	0	1	16	14
Madera-Mariposa-Merced	150	7	2	34	15	20	4	14	1	0	4	8	41
Riverside	198	35	7	11	9	18	4	20	7	2	10	56	19
San Benito-Monterey	60	1	4	11	8	4	0	6	1	0	0	16	9
San Bernardino	138	11	10	10	5	7	3	16	5	0	2	45	24
San Diego	210	22	9	13	16	20	16	26	3	0	3	50	32
San Luis Obispo	84	5	7	11	10	3	0	12	2	0	1	14	19
Tulare	61	8	0	9	2	9	11	2	1	0	1	7	11
Tuolumne-Calaveras	245	15	5	47	15	25	5	28	7	1	2	70	25
TOTAL	1,254	128	47	163	94	115	43	132	29	3	24	282	194
STATE TOTAL	3,054	386	104	476	284	329	152	269	54	6	60	515	419

Table 9. Number of Fires by Cause, by County

COUNTY	Total	Arson	Campfire	Debris Burning	Elec. Power	Equip. Use	Ltng.	Misc.	P-W-F	Rail- road	Smoking	Undet.	Vehicle
Alameda	48	3	0	0	6	4	0	7	1	0	2	14	11
Alpine	0	0	0	0	0	0	0	0	0	0	0	0	0
Amador	63	10	1	15	5	14	2	5	0	0	1	5	5
Butte	94	17	0	12	8	22	6	8	0	0	4	10	7
Calaveras	122	12	2	21	9	16	2	17	2	0	1	30	10
Colusa	4	0	0	1	0	0	0	0	1	0	0	0	2
Contra Costa	37	2	0	0	7	2	0	2	2	0	0	15	7
Del Norte	15	4	1	2	1	0	2	0	0	0	0	5	0
El Dorado	176	8	7	56	19	16	6	15	2	0	4	19	24
Fresno	105	24	3	17	14	9	0	8	2	0	1	14	13
Glenn	1	0	0	1	0	0	0	0	0	0	0	0	0
Humboldt	91	12	9	14	7	7	0	4	2	0	0	28	8
Imperial	2	0	0	0	0	0	0	0	0	0	0	1	1
Inyo	27	1	4	2	0	2	1	7	1	0	1	5	3
Kings	3	0	0	0	0	0	0	0	0	0	0	2	1
Lake	58	13	1	10	9	4	2	5	2	0	1	4	7
Lassen	62	4	1	7	1	3	32	5	1	0	0	5	3
Madera	71	3	1	17	4	9	1	6	1	0	2	6	21
Mariposa	51	2	0	17	9	9	3	4	0	0	0	2	5
Mendocino	134	22	2	35	11	6	10	12	1	0	1	15	19
Merced	28	2	1	0	2	2	0	4	0	0	2	0	15
Modoc	12	1	0	4	1	0	4	0	0	0	0	1	1
Mono	0	0	0	0	0	0	0	0	0	0	0	0	0
Monterey	45	1	3	8	7	1	0	4	1	0	0	12	8
Napa	29	0	1	9	5	5	1	1	0	0	0	2	5
Nevada	99	5	3	29	11	14	4	6	1	0	3	12	11
Placer	127	7	1	28	8	30	2	7	1	3	3	23	14

Table 9. (continued) Number of Fires by Cause, by County

COUNTY	Total	Arson	Campfire	Debris Burning	Elec. Power	Equip. Use	Ltng.	Misc.	P-W-F	Rail- road	Smoking	Undet.	Vehicle
Plumas	5	0	0	1	1	0	2	1	0	0	0	0	0
Riverside	198	35	7	11	9	18	4	20	7	2	10	56	19
Sacramento	14	0	0	0	3	4	0	4	0	0	0	3	0
San Benito	15	0	1	3	1	3	0	2	0	0	0	4	1
San Bernardino	111	10	6	8	5	5	2	9	4	0	1	40	21
San Diego	208	22	9	13	16	20	16	26	3	0	3	49	31
San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin	16	1	0	2	3	2	0	0	0	0	0	6	2
San Luis Obispo	84	5	7	11	10	3	0	12	2	0	1	14	19
San Mateo	15	2	1	0	2	0	0	4	1	0	0	3	2
Santa Clara	46	12	0	1	5	2	0	2	1	0	1	7	15
Santa Cruz	60	9	5	5	16	1	2	7	2	0	0	8	5
Shasta	175	52	7	26	13	24	9	11	4	0	7	7	15
Sierra	0	0	0	0	0	0	0	0	0	0	0	0	0
Siskiyou	82	1	2	14	7	8	17	4	0	0	1	11	17
Solano	17	1	0	3	2	5	0	1	0	0	1	2	2
Sonoma	159	33	13	16	20	15	4	9	0	0	3	17	29
Stanislaus	18	0	0	0	0	3	0	4	2	0	0	5	4
Sutter	0	0	0	0	0	0	0	0	0	0	0	0	0
Tehama	67	16	1	11	8	12	1	7	3	0	0	2	6
Trinity	30	14	0	5	4	1	3	0	0	0	3	0	0
Tulare	61	8	0	9	2	9	11	2	1	0	1	7	11
Tuolumne	102	3	3	25	5	5	3	9	3	1	1	32	12
Yolo	15	2	0	2	3	4	0	2	0	0	1	0	1
Yuba	52	7	1	5	5	10	0	6	0	0	0	12	6
STATE TOTAL	3,054	386	104	476	284	329	152	269	54	6	60	515	419

Table 10. Number of Fires and Acres Burned by Cause — Detailed

CAL FIRE Wildland Fire Cause	Incident Count	% of Total Incident Count	Incident Count Acres Burned => 10	% Acres Burned	of Total Acres Burned
ARSON	386	13%	22	11,051	4%
HOT START IGNITABLE LIQUID INCENDIARY DEVICE OTHER UNDETERMINED	152 5 49 14 166		6 0 1 1 14	9,199 1 32 68 1,751	
CAMPFIRE	104	3%	2	71	0%
CEREMONIAL NO PERMIT OTHER PROPER CLEARANCE TOOLS PRESENT UNDETERMINED PERMIT OTHER UNDETERMINED	1 52 29 4 3 16 1 1		0 1 0 0 0 1 0	0 34 10 1 3 20 0 0	
DEBRIS BURNING	476	15%	15	1,042	0%
COMMERCIAL USE  NO PERMIT/PROPER CLEARANCES  NO PERMIT/TOOLS PRESENT  PERMIT/PROPER CLEARANCES  PERMIT/TOOLS PRESENT  UNDETERMINED  OTHER  RESIDENTIAL USE  NO PERMIT/PROPER CLEARANCES  NO PERMIT/TOOLS PRESENT  PERMIT/PROPER CLEARANCES  PERMIT/PROPER CLEARANCES  PERMIT/TOOLS PRESENT  UNDETERMINED  UNDETERMINED	33 11 4 5 6 7 33 373 102 42 57 91 81 37		4 1 2 0 0 1 2 5 2 0 0 0 1 2	288 36 35 1 14 202 171 358 109 34 33 75 107 225	
ELECTRICAL POWER	284	9%	16	207,983	74%
ANIMALS HARDWARE LINE SLAP LINES DOWN OTHER UNDETERMINED VEGETATION CONTACT	15 43 16 113 27 28 42		1 3 0 7 2 2 1	44 206,224 20 1,523 72 64 36	

Table 10. (continued) Number of Fires and Acres Burned by Cause — Detailed

CAL FIRE Wildland Fire Cause	Incident Count	% of Total Incident Count	Incident Count Acres Burned => 10	% Acres Burned	of Total Acres Burned
EQUIPMENT	329	11%	33	2,111	1%
COMMERCIAL USE	74		11	444	
MOBILE EQUIPMENT/CHAFF	2		0	1	
MOBILE EQUIPMENT/HOT EXHAUST	2		0	5	
MOBILE EQUIPMENT/MECHANICAL	5		1	13	
MOBILE EQUIPMENT/ROCK STRIKE	34		6	303	
OTHER	4		0	4	
PORTABLE EQUIPMENT/CHAFF	1		0	1	
PORTABLE EQUIPMENT/HOT EXHAUST	1		0	0	
PORTABLE EQUIPMENT/MECHANICAL	2		1	30	
PORTABLE EQUIPMENT/ROCK STRIKE	6		0	5	
PORTABLE EQUIPMENT/WELDING/GRIN	IDING 10		2	40	
UNDETERMINED	7		1	42	
NON-COMMERCIAL USE	203		18	1,568	
MOBILE EQUIPMENT/CHAFF	7		1	66	
MOBILE EQUIPMENT/HOT EXHAUST	13		0	5	
MOBILE EQUIPMENT/MECHANICAL	22		0	30	
MOBILE EQUIPMENT/ROCK STRIKE	56		7	909	
OTHER	18		1	27	
PORTABLE EQUIPMENT/CHAFF	1		0	0	
PORTABLE EQUIPMENT/HOT EXHAUST	12		0	12	
PORTABLE EQUIPMENT/MECHANICAL	10		1	258	
PORTABLE EQUIPMENT/ROCK STRIKE	24		3	116	
PORTABLE EQUIPMENT/WELDING/GRIN	IDING 26		2	64	
UNDETERMINED	14		3	81	
OTHER	19		3	50	
UNDETERMINED	33		1	49	
LIGHTNING	152	5%	8	1,697	1%
MISCELLANEOUS	269	9%	23	2,356	1%
EXPLOSIVE DEVICE	2		0	1	
EXPOSURE (STRUCTURE)	1		0	0	
FIREWORKS	46		2	72	
DANGEROUS	19		1	22	
SAFE AND SANE	5		0	7	
UNDETERMINED	22		1	43	
GLASS REFRACTION	3		1	43	
OTHER	173		13	1,982	

Table 10. (continued) Number of Fires and Acres Burned by Cause — Detailed

CAL FIRE Wildland Fire Cause	Incident Count	% of Total Incident Count	Incident Count Acres Burned => 10	% Acres Burned	of Total Acres Burned
SHOOTING	18		6	233	
AMMUNITION/COPPER JACKET	1		0	2	
AMMUNITION/INCENDIARY	1		0	1	
AMMUNITION/LEAD	2		1	56	
OTHER	1		0	6	
TARGET/EXPLODING	1		1	59	
TARGET/METAL	5		2	43	
TARGET/OTHER	2		0	8	
TARGET/ROCK	1		1	11	
UNDETERMINED	4		1	46	
SPONTANEOUS COMBUSTION	26		1	25	
PLAYING WITH FIRE	54	2%	2	70	0%
<5 YEARS OLD	1		0	1	
10-13 YEARS OLD	8		0	6	
14+ YEARS OLD	10		0	1	
5-9 YEARS OLD	6		1	25	
UNDETERMINED	29		1	37	
RAILROAD	6	0%	0	8	0%
TRACK MAINTENANCE UNDETERMINED	2 4		0	7 1	
SMOKING	60	2%	3	43	0%
OTHER	5		1	11	
SMOKING MATERIAL	28		2	21	
SMOKING PARAPHERNALIA	13		0	4	
UNDETERMINED	14		0	7	
UNDETERMINED	515	17%	35	50,969	18%
VEHICLE	419	14%	23	2,302	1%
CHAFF	18		1	43	
EXHAUST	92		4	1,052	
EXPOSURE (VEHICLE)	1		0	0	
MECHANICAL	60		1	224	
OTHER	55		5	300	
TC	30		1	80	
UNDETERMINED	163		11	601	
TOTAL WILDLAND FIRE INCIDENTS	3,054	100%	182	279,703	100%

Table 11. Number of Fires by Size, by Unit

		Α	В	С	D	Е	F	G
	Total	.25 acres or <	.26-9.99 acres	10-99 acres	100-299 acres	300-999 acres	1000-4999 acres	5000 acres or >
NORTHERN REGION								
Amador-El Dorado	255	160	84	10	0	0	0	1
Butte	97	57	36	2	0	1	0	1
Humboldt-Del Norte	106	66	38	2	0	0	0	0
Lassen-Modoc	78	46	29	2	1	0	0	0
Mendocino	134	85	41	7	1	0	0	0
Nevada-Yuba-Placer	278	143	123	8	1	2	1	0
San Mateo-Santa Cruz	75	53	16	4	2	0	0	0
Santa Clara	142	79	57	5	1	0	0	0
Shasta-Trinity	205	107	86	9	1	1	0	1
Siskiyou	81	54	25	1	1	0	0	0
Sonoma-Lake-Napa	282	195	76	9	2	0	0	0
Tehama-Glenn	67	24	36	7	0	0	0	0
TOTAL	1,800	1,069	647	66	10	4	1	3
SOUTHERN REGION								
Fresno-Kings	108	49	48	11	0	0	0	0
Madera-Mariposa-Merced	150	75	63	11	1	0	0	0
Riverside	198	106	76	14	2	0	0	0
San Benito-Monterey	60	32	23	2	2	0	1	0
San Bernardino	138	95	36	4	1	2	0	0
San Diego	210	137	59	10	1	2	0	1
San Luis Obispo	84	45	33	6	0	0	0	0
Tulare	61	30	21	8	0	2	0	0
Tuolumne-Calaveras	245	131	97	11	4	2	0	0
TOTAL	1,254	700	456	77	11	8	1	1
STATE TOTAL	3,054	1,769	1,103	143	21	12	2	4

Table 12. Number of Fires by Size, by County

		Α	В	С	D	E	F	G
COUNTY	Total	.25 acres or <	.26-9.99 acres	10-99 acres	100-299 acres	300-999 acres	1000-4999 acres	5000 acres or >
Alameda	48	24	23	1	0	0	0	0
Alpine	0	0	0	0	0	0	0	0
Amador	63	38	20	5	0	0	0	0
Butte	94	56	35	2	0	1	0	0
Calaveras	122	61	53	3	3	2	0	0
Colusa	4	1	3	0	0	0	0	0
Contra Costa	37	21	14	1	1	0	0	0
Del Norte	15	10	5	0	0	0	0	0
El Dorado	176	116	54	5	0	0	0	1
Fresno	105	48	46	11	0	0	0	0
Glenn	1	0	1	0	0	0	0	0
Humboldt	91	56	33	2	0	0	0	0
Imperial	2	0	2	0	0	0	0	0
Inyo	27	18	5	2	1	1	0	0
Kings	3	1	2	0	0	0	0	0
Lake	58	40	17	1	0	0	0	0
Lassen	62	37	24	1	0	0	0	0
Madera	71	42	24	5	0	0	0	0
Mariposa	51	20	29	1	1	0	0	0
Mendocino	134	85	41	7	1	0	0	0
Merced	28	13	10	5	0	0	0	0
Modoc	12	5	5	1	1	0	0	0
Mono	0	0	0	0	0	0	0	0
Monterey	45	24	18	2	0	0	1	0
Napa	29	21	5	2	1	0	0	0
Nevada	99	49	48	2	0	0	0	0
Placer	127	71	54	0	0	1	1	0

Table 12. (continued) Number of Fires by Size, by County

		Α	В	С	D	E	F	G
COUNTY	Total	.25 acres or <	.26-9.99 acres	10-99 acres	100-299 acres	300-999 acres	1000-4999 acres	5000 acres or >
Plumas	5	4	0	0	0	0	0	1
Riverside	198	106	76	14	2	0	0	0
Sacramento	14	5	9	0	0	0	0	0
San Benito	15	8	5	0	2	0	0	0
San Bernardino	111	77	31	2	0	1	0	0
San Diego	208	137	57	10	1	2	0	1
San Francisco	0	0	0	0	0	0	0	0
San Joaquin	16	5	11	0	0	0	0	0
San Luis Obispo	84	45	33	6	0	0	0	0
San Mateo	15	10	4	0	1	0	0	0
Santa Clara	46	31	14	1	0	0	0	0
Santa Cruz	60	43	12	4	1	0	0	0
Shasta	175	88	76	8	1	1	0	1
Sierra	0	0	0	0	0	0	0	0
Siskiyou	82	55	25	1	1	0	0	0
Solano	17	9	6	2	0	0	0	0
Sonoma	159	119	37	2	1	0	0	0
Stanislaus	18	7	6	5	0	0	0	0
Sutter	0	0	0	0	0	0	0	0
Tehama	67	24	36	7	0	0	0	0
Trinity	30	19	10	1	0	0	0	0
Tulare	61	30	21	8	0	2	0	0
Tuolumne	102	62	34	5	1	0	0	0
Yolo	15	5	8	2	0	0	0	0
Yuba	52	23	21	6	1	1	0	0
STATE TOTAL	3,054	1,769	1,103	143	21	12	2	4

Table 13. Number of Acres Burned by Cause, by Unit

	Total	Arson	Camp -fire	Debris Burning	Elec. Power	Equip. Use	Ltng.	Misc.	P-W-F	Rail- road	Smoking	Undet.	Vehicle
NORTHERN REGION													
Amador-El Dorado	40,536	6	5	38	58	163	9	93	0	0	10	40,149	5
Butte	161,128	19	0	8	160,465	615	1	9	0	0	1	8	2
Humboldt-Del Norte	107	33	3	10	3	13	2	5	2	0	0	34	2
Lassen-Modoc	35,649	3	0	8	35,474	2	153	5	0	0	0	2	2
Mendocino	435	24	1	281	3	3	9	42	0	0	0	70	2
Nevada-Yuba-Placer	4,532	479	1	50	15	110	1	971	0	2	2	2,641	260
San Mateo-Santa Cruz	427	1	1	5	60	1	1	351	0	0	0	3	4
Santa Clara	384	4	0	1	17	47	0	25	1	0	21	30	238
Shasta-Trinity	10,254	8,678	22	31	535	93	14	28	3	0	2	73	775
Siskiyou	183	1	1	37	119	6	3	0	0	0	1	14	1
Sonoma-Lake-Napa	694	107	3	147	44	84	3	29	4	0	1	14	258
Tehama-Glenn	10,041	76	0	18	9,711	86	0	112	26	0	0	3	9
TOTAL	264,370	9,431	37	634	206,504	1,223	196	1,670	36	2	38	43,041	1,558
SOUTHERN REGION													
Fresno-Kings	404	132	0	4	49	22	0	40	9	0	1	84	63
Madera-Mariposa-Merced	929	26	3	47	161	528	10	7	0	0	1	3	143
Riverside	788	352	2	100	20	84	0	65	5	1	0	130	29
San Benito-Monterey	1,606	0	2	24	1,202	1	0	7	0	0	0	210	160
San Bernardino	1,136	2	6	2	2	115	561	363	3	0	1	38	43
San Diego	6,886	550	20	1	38	44	16	169	2	0	1	6,023	22
San Luis Obispo	172	3	1	15	3	3	0	3	1	0	0	15	128
Tulare	1,450	28	0	14	3	17	905	0	0	0	0	481	2
Tuolumne-Calaveras	1,962	527	0	201	1	74	9	32	14	5	1	944	154
TOTAL	15,333	1,620	34	408	1,479	888	1,501	686	34	6	5	7,928	744
STATE TOTAL	279,703	11,051	71	1,042	207,983	2,111	1,697	2,356	70	8	43	50,969	2,302

Table 14. Number of Acres Burned by Cause, County

COUNTY	Total	Arson	Campfire	Debris Burning	Elec. Power	Equip. Use	Ltng.	Misc.	P-W-F	Railroad	Smoking	Undet.	Vehicle
Alameda	63	1	0	0	6	3	0	3	0	0	21	16	13
Alpine	0	0	0	0	0	0	0	0	0	0	0	0	0
Amador	245	5	1	23	3	100	1	66	0	0	0	46	0
Butte	6,035	16	0	8	5,375	615	1	10	0	0	1	7	2
Calaveras	1,698	526	0	187	0	35	1	23	2	0	1	814	109
Colusa	6	0	0	3	0	0	0	0	3	0	0	0	0
Contra Costa	223	0	0	0	7	1	0	0	0	0	0	12	203
Del Norte	7	1	0	1	0	0	2	0	0	0	0	3	0
El Dorado	40,264	1	5	13	47	61	8	24	0	0	10	40,090	5
Fresno	402	132	0	4	49	22	0	40	9	0	1	83	62
Glenn	1	0	0	1	0	0	0	0	0	0	0	0	0
Humboldt	100	32	3	10	3	13	0	4	2	0	0	31	2
Imperial	1	0	0	0	0	0	0	0	0	0	0	0	1
Inyo	951	0	5	0	0	30	560	356	0	0	0	0	0
Kings	2	0	0	0	0	0	0	0	0	0	0	1	1
Lake	109	21	0	72	1	2	2	7	1	0	0	1	2
Lassen	35,500	2	0	6	35,474	2	7	5	0	0	0	2	2
Madera	208	0	1	36	92	40	0	3	0	0	1	1	34
Mariposa	348	1	0	11	14	299	10	3	0	0	0	2	8
Mendocino	435	24	1	281	3	3	9	42	0	0	0	70	2
Merced	372	25	2	0	54	189	0	1	0	0	0	0	101
Modoc	149	1	0	2	0	0	146	0	0	0	0	0	0
Mono	0	0	0	0	0	0	0	0	0	0	0	0	0
Monterey	1,283	0	1	23	1,202	0	0	3	0	0	0	39	15
Napa	210	0	0	63	1	11	0	2	0	0	0	0	133
Nevada	139	61	1	32	9	22	1	2	0	0	1	4	6
Placer	3,088	415	0	16	2	15	0	4	0	2	1	2,624	9

Table 14. (continued) Number of Acres Burned by Cause, by County

COUNTY	Total	Arson	Campfire	Debris Burning	Elec. Power	Equip. Use	Ltng.	Misc.	P-W-F	Railroad	Smoking	Undet.	Vehicle
Plumas	155,091	0	0	0	155,091	0	0	0	0	0	0	0	0
Riverside	788	352	2	100	20	84	0	65	5	1	0	130	29
Sacramento	27	0	0	0	7	2	0	4	0	0	0	14	0
San Benito	323	0	1	1	0	1	0	4	0	0	0	171	145
San Bernardino	184	2	1	2	2	85	1	7	3	0	1	38	42
San Diego	6,885	550	20	1	38	44	16	169	2	0	1	6,023	21
San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0
San Joaquin	19	1	0	2	3	8	0	0	0	0	0	2	3
San Luis Obispo	172	3	1	15	3	3	0	3	1	0	0	15	128
San Mateo	181	0	0	0	0	0	0	177	0	0	0	0	4
Santa Clara	57	3	0	0	2	38	0	0	1	0	0	0	13
Santa Cruz	246	1	0	5	60	1	1	175	0	0	0	3	0
Shasta	10,174	8,601	23	29	533	93	13	29	3	0	2	73	775
Sierra	0	0	0	0	0	0	0	0	0	0	0	0	0
Siskiyou	184	1	1	37	120	6	3	0	0	0	1	14	1
Solano	93	29	0	1	2	60	0	0	0	0	0	0	1
Sonoma	214	22	2	7	38	8	1	1	0	0	0	13	122
Stanislaus	99	0	0	0	0	34	0	28	11	0	0	15	11
Sutter	0	0	0	0	0	0	0	0	0	0	0	0	0
Tehama	10,041	78	0	17	9,711	86	0	111	26	0	0	3	9
Trinity	80	77	0	1	1	0	1	0	0	0	0	0	0
Tulare	1,450	28	0	14	3	17	905	0	0	0	0	481	2
Tuolumne	191	1	0	15	1	2	8	3	1	5	0	114	41
Yolo	60	35	0	0	3	3	0	18	0	0	1	0	0
Yuba	1,305	3	0	3	3	73	0	964	0	0	0	14	245
STATE TOTAL	279,703	11,051	71	1,042	207,983	2,111	1,697	2,356	70	8	43	50,969	2,302

Table 15. Number of Acres Burned by Vegetation Type, by Unit

	Total	Brush	Grass	Timber	Woodland	Other
NORTHERN REGION						
Amador-El Dorado	40,536	56	400	40,072	8	0
Butte	161,128	160,477	642	5	4	0
Humboldt-Del Norte	107	7	70	29	1	0
Lassen-Modoc	35,649	35,615	9	8	17	0
Mendocino	435	41	102	290	2	0
Nevada-Yuba-Placer	4,532	2,888	1,572	64	8	0
San Mateo-Santa Cruz	427	145	7	275	0	0
Santa Clara	384	1	381	1	1	0
Shasta-Trinity	10,254	527	9,515	135	77	0
Siskiyou	183	2	165	13	3	0
Sonoma-Lake-Napa	694	35	643	13	3	0
Tehama-Glenn	10,041	9,733	251	0	57	0
TOTAL	264,370	209,527	13,757	40,905	181	0
SOUTHERN REGION						
Fresno-Kings	404	1	343	0	60	0
Madera-Mariposa-Merced	929	14	874	39	2	0
Riverside	788	452	336	0	0	0
San Benito-Monterey	1,606	7	1,597	1	1	0
San Bernardino	1,136	1,016	118	2	0	0
San Diego	6,886	6,740	145	1	0	0
San Luis Obispo	172	12	159	1	0	0
Tulare	1,450	9	1,437	4	0	0
Tuolumne-Calaveras	1,962	736	1,184	37	5	0
TOTAL	15,333	8,987	6,193	85	68	0
STATE TOTAL	279,703	218,514	19,950	40,990	249	0

Table 16. Number of Acres Burned by Vegetation Type, by County

COUNTY	Total	Brush	Grass	Timber	Woodland	Other
Alameda	63	0	62	1	0	0
Alpine	0	0	0	0	0	0
Amador	245	22	218	5	0	0
Butte	6,035	5,386	642	4	3	0
Calaveras	1,698	657	1,017	19	5	0
Colusa	6	0	6	0	0	0
Contra Costa	223	1	222	0	0	0
Del Norte	7	1	4	2	0	0
El Dorado	40,264	37	152	40,068	7	0
Fresno	402	1	341	0	60	0
Glenn	1	0	1	0	0	0
Humboldt	100	5	67	27	1	0
Imperial	1	0	1	0	0	0
Inyo	951	918	32	1	0	0
Kings	2	0	2	0	0	0
Lake	109	20	85	4	0	0
Lassen	35,500	35,477	8	8	7	0
Madera	208	2	174	31	1	0
Mariposa	348	13	326	8	1	0
Mendocino	435	41	102	290	2	0
Merced	372	0	372	0	0	0
Modoc	149	137	1	0	11	0
Mono	0	0	0	0	0	0
Monterey	1,283	7	1,276	0	0	0
Napa	210	11	198	0	1	0
Nevada	139	75	50	9	5	0
Placer	3,088	2,627	450	9	2	0

Table 16. (continued) Number of Acres Burned by Vegetation Type, by County

COUNTY	Total	Brush	Grass	Timber	Woodland	Other
Plumas	155,091	155,091	0	0	0	0
Riverside	788	452	336	0	0	0
Sacramento	27	0	27	0	0	0
San Benito	323	0	322	0	1	0
San Bernardino	184	98	85	1	0	0
San Diego	6,885	6,739	145	1	0	0
San Francisco	0	0	0	0	0	0
San Joaquin	19	0	19	0	0	0
San Luis Obispo	172	12	160	0	0	0
San Mateo	181	0	4	177	0	0
Santa Clara	57	0	56	0	1	0
Santa Cruz	246	145	3	98	0	0
Shasta	10,174	525	9,515	57	77	0
Sierra	0	0	0	0	0	0
Siskiyou	184	2	165	14	3	0
Solano	93	0	93	0	0	0
Sonoma	214	4	201	9	0	0
Stanislaus	99	0	99	0	0	0
Sutter	0	0	0	0	0	0
Tehama	10,041	9,734	250	0	57	0
Trinity	80	2	1	77	0	0
Tulare	1,450	9	1,436	5	0	0
Tuolumne	191	78	94	19	0	0
Yolo	60	0	57	0	3	0
Yuba	1,305	185	1,073	46	1	0
STATE TOTAL	279,703	218,514	19,950	40,990	249	0

Table 17. Dollar Damage by Cause, by Unit

Table 17. Dollar Dalliag		by Onic		Debris	Elec.	Equip.				Rail-			
	Total	Arson	Campfire	Burning	Power	Use	Ltng.	Misc.	P-W-F	road	Smoking	Undet.	Vehicle
NORTHERN REGION													
Amador-El Dorado	\$397,638,508	\$100	\$0	\$11,400	\$4,000	\$375,500	\$100	\$706,200	\$0	\$0	\$0	\$396,510,208	\$31,000
Butte	\$2,086,251	\$30,501	\$0	\$0	\$2,005,000	\$41,850	\$500	\$2,200	\$0	\$0	\$1,000	\$0	\$5,200
Humboldt-Del Norte	\$254,222	\$0	\$0	\$4,916	\$0	\$27,000	\$0	\$214,305	\$0	\$0	\$0	\$3,001	\$5,000
Lassen-Modoc	\$499,301	\$1,100	\$0	\$125,100	\$1	\$300,000	\$11,600	\$4,500	\$0	\$0	\$0	\$0	\$57,000
Mendocino	\$739,052	\$62,610	\$0	\$603,527	\$6,000	\$2,100	\$0	\$14,300	\$15	\$0	\$0	\$19,500	\$31,000
Nevada-Yuba-Placer	\$64,360,421	\$426,900	\$400	\$24,200	\$8,500	\$594,320	\$0	\$1,751,100	\$0	\$0	\$5,500	\$61,511,700	\$37,801
San Mateo-Santa Cruz	\$42,850	\$0	\$1,000	\$0	\$35,550	\$2,500	\$0	\$3,300	\$0	\$0	\$0	\$500	\$0
Santa Clara	\$45,507	\$150	\$0	\$0	\$12,635	\$600	\$0	\$0	\$20	\$0	\$0	\$102	\$32,000
Shasta-Trinity	\$32,278,970	\$30,002,450	\$1,000	\$1,120	\$525,500	\$682,500	\$0	\$1,000	\$0	\$0	\$900,500	\$60,000	\$104,900
Siskiyou	\$408,550	\$50	\$0	\$2,500	\$15,100	\$1,400	\$0	\$0	\$0	\$0	\$1,000	\$385,500	\$3,000
Sonoma-Lake-Napa	\$1,967,205	\$110,350	\$0	\$1,100	\$24,504	\$279,600	\$500	\$1,460,150	\$0	\$0	\$1,000	\$5,000	\$85,001
Tehama-Glenn	\$1,263,355	\$10,120	\$10,500	\$20,620	\$15,449	\$741,766	\$200	\$416,400	\$40,300	\$0	\$0	\$200	\$7,800
TOTAL	\$501,584,192	\$30,644,331	\$12,900	\$794,483	\$2,652,239	\$3,049,136	\$12,900	\$4,573,455	\$40,335	\$0	\$909,000	\$458,495,711	\$399,702
SOUTHERN REGION													
Fresno-Kings	\$192,405	\$103,405	\$0	\$0	\$57,100	\$6,300	\$0	\$1,000	\$0	\$0	\$0	\$20,000	\$4,600
Madera-Mariposa-Merced	\$235,790	\$6,020	\$0	\$67,100	\$20,350	\$87,095	\$0	\$10,175	\$0	\$0	\$0	\$2,400	\$42,650
Riverside	\$2,598,441	\$2,491,502	\$0	\$0	\$6,500	\$6,777	\$100	\$35,000	\$0	\$0	\$600	\$55,612	\$2,350
San Benito-Monterey	\$480,584	\$0	\$0	\$66,300	\$22,000	\$200	\$0	\$1,144	\$0	\$0	\$0	\$228,910	\$162,030
San Bernardino	\$2,329,300	\$2,000	\$100	\$0	\$0	\$2,000,000	\$0	\$23,200	\$200	\$0	\$0	\$1,800	\$302,000
San Diego	\$1,508,303	\$1,400	\$2	\$3,401	\$2,100	\$35,000	\$0	\$0	\$0	\$0	\$0	\$1,413,500	\$52,900
San Luis Obispo	\$9,606	\$0	\$2,000	\$2,000	\$1,500	\$500	\$0	\$1,400	\$0	\$0	\$0	\$2,000	\$206
Tulare	\$98,750	\$700	\$0	\$0	\$600	\$8,150	\$18,800	\$0	\$0	\$0	\$0	\$46,000	\$24,500
Tuolumne-Calaveras	\$606,408	\$1,502	\$0	\$68,875	\$15,484	\$124,101	\$0	\$169,650	\$4,000	\$2,500	\$4,100	\$75,396	\$140,800
TOTAL	\$8,059,587	\$2,606,529	\$2,102	\$207,676	\$125,634	\$2,268,123	\$18,900	\$241,569	\$4,200	\$2,500	\$4,700	\$1,845,618	\$732,036
STATE TOTAL	\$509,643,779	\$33,250,860	\$15,002	\$1,002,159	\$2,777,873	\$5,317,259	\$31,800	\$4,815,024	\$44,535	\$2,500	\$913,700	\$460,341,329	\$1,131,738

<sup>\*</sup>Definition of what Dollar Damage entails can be found in the Glossary.

Table 18. Dollar Damage by Cause, by County

		y Cause, by	Camp-	Debris	Elec.	Equip.			D 14/ E	Rail-	0	111.4	
COUNTY	Total	Arson	fire	Burning	Power	Use	Ltng.	Misc.	P-W-F	road	Smoking	Undet.	Vehicle
Alameda	\$11,335	\$100	\$0	\$0	\$135	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000
Alpine	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amador	\$386,100	\$100	\$0	\$0	\$0	\$201,500	\$0	\$180,000	\$0	\$0	\$0	\$0	\$4,500
Butte	\$86,251	\$30,501	\$0	\$0	\$5,000	\$41,850	\$500	\$2,200	\$0	\$0	\$1,000	\$0	\$5,200
Calaveras	\$347,503	\$1,502	\$0	\$65,525	\$15,000	\$8,640	\$0	\$67,000	\$0	\$0	\$100	\$53,336	\$136,400
Colusa	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contra Costa	\$21,322	\$0	\$0	\$0	\$500	\$0	\$0	\$0	\$20	\$0	\$0	\$2	\$20,800
Del Norte	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
El Dorado	\$397,229,208	\$0	\$0	\$11,400	\$1,000	\$174,000	\$100	\$526,000	\$0	\$0	\$0	\$396,510,208	\$6,500
Fresno	\$192,405	\$103,405	\$0	\$0	\$57,100	\$6,300	\$0	\$1,000	\$0	\$0	\$0	\$20,000	\$4,600
Glenn	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Humboldt	\$254,222	\$0	\$0	\$4,916	\$0	\$27,000	\$0	\$214,305	\$0	\$0	\$0	\$3,001	\$5,000
Imperial	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inyo	\$103,400	\$0	\$0	\$0	\$0	\$0	\$0	\$3,200	\$200	\$0	\$0	\$0	\$100,000
Kings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lake	\$1,389,704	\$100	\$0	\$0	\$10,503	\$4,100	\$0	\$1,350,000	\$0	\$0	\$0	\$0	\$25,001
Lassen	\$445,601	\$1,000	\$0	\$125,100	\$1	\$300,000	\$11,500	\$1,000	\$0	\$0	\$0	\$0	\$7,000
Madera	\$200,650	\$0	\$0	\$61,500	\$20,200	\$76,800	\$0	\$0	\$0	\$0	\$0	\$2,000	\$40,150
Mariposa	\$18,670	\$6,020	\$0	\$5,600	\$150	\$4,500	\$0	\$0	\$0	\$0	\$0	\$400	\$2,000
Mendocino	\$739,052	\$62,610	\$0	\$603,527	\$6,000	\$2,100	\$0	\$14,300	\$15	\$0	\$0	\$19,500	\$31,000
Merced	\$16,470	\$0	\$0	\$0	\$0	\$5,795	\$0	\$10,175	\$0	\$0	\$0	\$0	\$500
Modoc	\$50,200	\$100	\$0	\$0	\$0	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$50,000
Mono	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Monterey	\$112,020	\$0	\$0	\$66,300	\$22,000	\$0	\$0	\$10	\$0	\$0	\$0	\$3,710	\$20,000
Napa	\$10,101	\$0	\$0	\$100	\$1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000
Nevada	\$720,900	\$330,000	\$400	\$9,600	\$2,000	\$11,000	\$0	\$351,100	\$0	\$0	\$0	\$10,000	\$6,800
Placer	\$61,636,121	\$91,300	\$0	\$1,500	\$3,500	\$3,320	\$0	\$0	\$0	\$0	\$5,500	\$61,500,000	\$31,001

<sup>\*</sup>Definition of what Dollar Damage entails can be found in the Glossary.

COUNTY	Total	Arson	Campfire	Debris Burning	Elec. Power	Equip. Use	Ltng.	Misc.	P-W-F	Rail- road	Smoking	Undet.	Vehicle
Plumas	\$2,003,500	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$3,500	\$0	\$0	\$0	\$0	\$0
Riverside	\$2,598,441	\$2,491,502	\$0	\$0	\$6,500	\$6,777	\$100	\$35,000	\$0	\$0	\$600	\$55,612	\$2,350
Sacramento	\$3,200	\$0	\$0	\$0	\$3,000	\$0	\$0	\$200	\$0	\$0	\$0	\$0	\$0
San Benito	\$368,564	\$0	\$0	\$0	\$0	\$200	\$0	\$1,134	\$0	\$0	\$0	\$225,200	\$142,030
San Bernardino	\$2,225,900	\$2,000	\$100	\$0	\$0	\$2,000,000	\$0	\$20,000	\$0	\$0	\$0	\$1,800	\$202,000
San Diego	\$1,508,303	\$1,400	\$2	\$3,401	\$2,100	\$35,000	\$0	\$0	\$0	\$0	\$0	\$1,413,500	\$52,900
San Francisco	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Joaquin	\$22,099	\$0	\$0	\$0	\$74	\$1,260	\$0	\$0	\$0	\$0	\$0	\$565	\$20,200
San Luis Obispo	\$9,606	\$0	\$2,000	\$2,000	\$1,500	\$500	\$0	\$1,400	\$0	\$0	\$0	\$2,000	\$206
San Mateo	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000	\$0	\$0	\$0	\$0	\$0
Santa Clara	\$12,750	\$50	\$0	\$0	\$12,000	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$200
Santa Cruz	\$39,850	\$0	\$1,000	\$0	\$35,550	\$2,500	\$0	\$300	\$0	\$0	\$0	\$500	\$0
Shasta	\$31,358,970	\$30,002,450	\$1,000	\$1,120	\$508,500	\$679,500	\$0	\$1,000	\$0	\$0	\$500	\$60,000	\$104,900
Sierra	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Siskiyou	\$408,550	\$50	\$0	\$2,500	\$15,100	\$1,400	\$0	\$0	\$0	\$0	\$1,000	\$385,500	\$3,000
Solano	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sonoma	\$443,400	\$250	\$0	\$1,000	\$0	\$275,500	\$500	\$110,150	\$0	\$0	\$1,000	\$5,000	\$50,000
Stanislaus	\$114,501	\$0	\$0	\$0	\$0	\$110,001	\$0	\$250	\$4,000	\$0	\$0	\$50	\$200
Sutter	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tehama	\$1,263,355	\$10,120	\$10,500	\$20,620	\$15,449	\$741,766	\$200	\$416,400	\$40,300	\$0	\$0	\$200	\$7,800
Trinity	\$920,000	\$0	\$0	\$0	\$17,000	\$3,000	\$0	\$0	\$0	\$0	\$900,000	\$0	\$0
Tulare	\$98,750	\$700	\$0	\$0	\$600	\$8,150	\$18,800	\$0	\$0	\$0	\$0	\$46,000	\$24,500
Tuolumne	\$142,405	\$0	\$0	\$3,350	\$410	\$4,200	\$0	\$102,400	\$0	\$2,500	\$4,000	\$21,545	\$4,000
Yolo	\$124,000	\$110,000	\$0	\$0	\$14,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Yuba	\$2,003,400	\$5,600	\$0	\$13,100	\$3,000	\$580,000	\$0	\$1,400,000	\$0	\$0	\$0	\$1,700	\$0
STATE TOTAL	\$509,643,779	\$33,250,860	\$15,002	\$1,002,159	\$2,777,873	\$5,317,259	\$31,800	\$4,815,024	\$44,535	\$2,500	\$913,700	\$460,341,329	\$1,131,738

Contract County statistics can be found in Table 7.

<sup>\*</sup>Definition of what Dollar Damage entails can be found in the Glossary.

Table 19. Dollar Damage by Size, by Unit

		Α	В	С	D	E	F	G		
	Total	.25 acres or <	.26-9.99 acres	10-99 acres	100-299 acres	300-999 acres	1000-4999 acres	5000 acres or >		
NORTHERN REGION										
Amador-El Dorado	\$397,638,508	\$225,600	\$742,700	\$160,000	\$0	\$0	\$0	\$396,510,208		
Butte	\$2,086,251	\$35,901	\$22,250	\$6,100	\$0	\$22,000	\$0	\$2,000,000		
Humboldt-Del Norte	\$254,222	\$11,916	\$242,306	\$0	\$0	\$0	\$0	\$0		
Lassen-Modoc	\$499,301	\$54,001	\$435,300	\$10,000	\$0	\$0	\$0	\$0		
Mendocino	\$739,052	\$40,650	\$29,902	\$68,500	\$600,000	\$0	\$0	\$0		
Nevada-Yuba-Placer	\$64,360,421	\$422,321	\$638,100	\$360,000	\$0	\$1,440,000	\$61,500,000	\$0		
San Mateo-Santa Cruz	\$42,850	\$7,350	\$5,500	\$30,000	\$0	\$0	\$0	\$0		
Santa Clara	\$45,507	\$11,457	\$20,750	\$500	\$12,800	\$0	\$0	\$0		
Shasta-Trinity	\$32,278,970	\$14,770	\$1,288,200	\$950,000	\$1,000	\$25,000	\$0	\$30,000,000		
Siskiyou	\$408,550	\$14,900	\$388,650	\$0	\$5,000	\$0	\$0	\$0		
Sonoma-Lake-Napa	\$1,967,205	\$494,205	\$1,353,000	\$110,000	\$10,000	\$0	\$0	\$0		
Tehama-Glenn	\$1,263,355	\$11,470	\$954,985	\$296,900	\$0	\$0	\$0	\$0		
TOTAL	\$501,584,192	\$1,344,541	\$6,121,643	\$1,992,000	\$628,800	\$1,487,000	\$61,500,000	\$428,510,208		
SOUTHERN REGION										
Fresno-Kings	\$192,405	\$1,905	\$117,700	\$72,800	\$0	\$0	\$0	\$0		
Madera-Mariposa-Merced	\$235,790	\$23,350	\$108,445	\$101,495	\$2,500	\$0	\$0	\$0		
Riverside	\$2,598,441	\$32,337	\$72,104	\$3,000	\$2,491,000	\$0	\$0	\$0		
San Benito-Monterey	\$480,584	\$21,120	\$90,434	\$0	\$367,030	\$0	\$2,000	\$0		
San Bernardino	\$2,329,300	\$189,000	\$132,100	\$5,200	\$3,000	\$2,000,000	\$0	\$0		
San Diego	\$1,508,303	\$56,103	\$91,700	\$500	\$110,000	\$0	\$0	\$1,250,000		
San Luis Obispo	\$9,606	\$6,606	\$3,000	\$0	\$0	\$0	\$0	\$0		
Tulare	\$98,750	\$50,370	\$12,725	\$19,655	\$0	\$16,000	\$0	\$0		
Tuolumne-Calaveras	\$606,408	\$109,934	\$287,174	\$122,700	\$86,600	\$0	\$0	\$0		
TOTAL	\$8,059,587	\$490,725	\$915,382	\$325,350	\$3,060,130	\$2,016,000	\$2,000	\$1,250,000		
STATE TOTAL	\$509,643,779	\$1,835,266	\$7,037,025	\$2,317,350	\$3,688,930	\$3,503,000	\$61,502,000	\$429,760,208		

<sup>\*</sup>Definition of what Dollar Damage entails can be found in the Glossary.

Table 20. Dollar Damage by Size, by County

		Α	В	С	D	E	F	G
COUNTY	Total	.25 acres or <	.26-9.99 acres	10-99 acres	100-299 acres	300-999 acres	1000-4999 acres	5000 acres or >
Alameda	\$11,335	\$11,185	\$150	\$0	\$0	\$0	\$0	\$0
Alpine	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Amador	\$386,100	\$184,600	\$201,500	\$0	\$0	\$0	\$0	\$0
Butte	\$86,251	\$35,901	\$22,250	\$6,100	\$0	\$22,000	\$0	\$0
Calaveras	\$347,503	\$106,813	\$151,090	\$3,000	\$86,600	\$0	\$0	\$0
Colusa	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contra Costa	\$21,322	\$22	\$8,500	\$0	\$12,800	\$0	\$0	\$0
Del Norte	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
El Dorado	\$397,229,208	\$21,000	\$538,000	\$160,000	\$0	\$0	\$0	\$396,510,208
Fresno	\$192,405	\$1,905	\$117,700	\$72,800	\$0	\$0	\$0	\$0
Glenn	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Humboldt	\$254,222	\$11,916	\$242,306	\$0	\$0	\$0	\$0	\$0
Imperial	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Inyo	\$103,400	\$100,200	\$0	\$200	\$3,000	\$0	\$0	\$0
Kings	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Lake	\$1,389,704	\$39,704	\$1,350,000	\$0	\$0	\$0	\$0	\$0
Lassen	\$445,601	\$501	\$435,100	\$10,000	\$0	\$0	\$0	\$0
Madera	\$200,650	\$16,100	\$88,850	\$95,700	\$0	\$0	\$0	\$0
Mariposa	\$18,670	\$7,050	\$9,120	\$0	\$2,500	\$0	\$0	\$0
Mendocino	\$739,052	\$40,650	\$29,902	\$68,500	\$600,000	\$0	\$0	\$0
Merced	\$16,470	\$200	\$10,475	\$5,795	\$0	\$0	\$0	\$0
Modoc	\$50,200	\$50,000	\$200	\$0	\$0	\$0	\$0	\$0
Mono	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Monterey	\$112,020	\$20,720	\$89,300	\$0	\$0	\$0	\$2,000	\$0
Napa	\$10,101	\$101	\$0	\$0	\$10,000	\$0	\$0	\$0
Nevada	\$720,900	\$371,700	\$19,200	\$330,000	\$0	\$0	\$0	\$0
Placer	\$61,636,121	\$36,021	\$60,100	\$0	\$0	\$40,000	\$61,500,000	\$0

<sup>\*</sup>Definition of what Dollar Damage entails can be found in the Glossary.

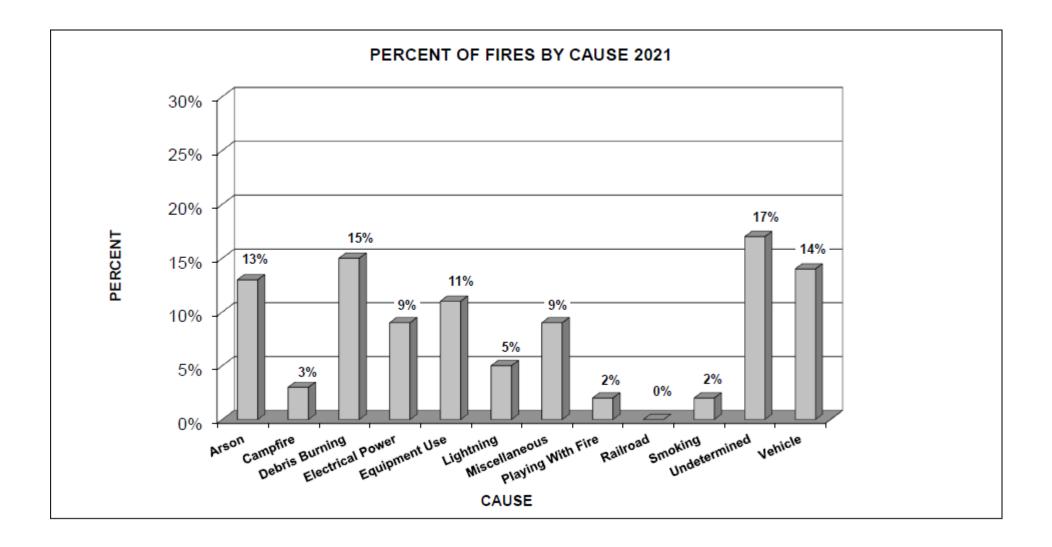
Table 20. (continued) Dollar Damage by Size, by County

		Α	В	С	D	E	F	G
COUNTY	Total	.25 acres or <	.26-9.99 acres	10-99 acres	100-299 acres	300-999 acres	1000-4999 acres	5000 acres or >
Plumas	\$2,003,500	\$3,500	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Riverside	\$2,598,441	\$32,337	\$72,104	\$3,000	\$2,491,000	\$0	\$0	\$0
Sacramento	\$3,200	\$0	\$3,200	\$0	\$0	\$0	\$0	\$0
San Benito	\$368,564	\$400	\$1,134	\$0	\$367,030	\$0	\$0	\$0
San Bernardino	\$2,225,900	\$88,800	\$132,100	\$5,000	\$0	\$2,000,000	\$0	\$0
San Diego	\$1,508,303	\$56,103	\$91,700	\$500	\$110,000	\$0	\$0	\$1,250,000
San Francisco	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
San Joaquin	\$22,099	\$20,065	\$2,034	\$0	\$0	\$0	\$0	\$0
San Luis Obispo	\$9,606	\$6,606	\$3,000	\$0	\$0	\$0	\$0	\$0
San Mateo	\$3,000	\$0	\$3,000	\$0	\$0	\$0	\$0	\$0
Santa Clara	\$12,750	\$250	\$12,000	\$500	\$0	\$0	\$0	\$0
Santa Cruz	\$39,850	\$7,350	\$2,500	\$30,000	\$0	\$0	\$0	\$0
Shasta	\$31,358,970	\$11,770	\$371,200	\$950,000	\$1,000	\$25,000	\$0	\$30,000,000
Sierra	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Siskiyou	\$408,550	\$14,900	\$388,650	\$0	\$5,000	\$0	\$0	\$0
Solano	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sonoma	\$443,400	\$440,400	\$3,000	\$0	\$0	\$0	\$0	\$0
Stanislaus	\$114,501	\$51	\$450	\$114,000	\$0	\$0	\$0	\$0
Sutter	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Tehama	\$1,263,355	\$11,470	\$954,985	\$296,900	\$0	\$0	\$0	\$0
Trinity	\$920,000	\$3,000	\$917,000	\$0	\$0	\$0	\$0	\$0
Tulare	\$98,750	\$50,370	\$12,725	\$19,655	\$0	\$16,000	\$0	\$0
Tuolumne	\$142,405	\$3,005	\$133,700	\$5,700	\$0	\$0	\$0	\$0
Yolo	\$124,000	\$14,000	\$0	\$110,000	\$0	\$0	\$0	\$0
Yuba	\$2,003,400	\$14,600	\$558,800	\$30,000	\$0	\$1,400,000	\$0	\$0
STATE TOTAL	\$509,643,779	\$1,835,266	\$7,037,025	\$2,317,350	\$3,688,930	\$3,503,000	\$61,502,000	\$429,760,208

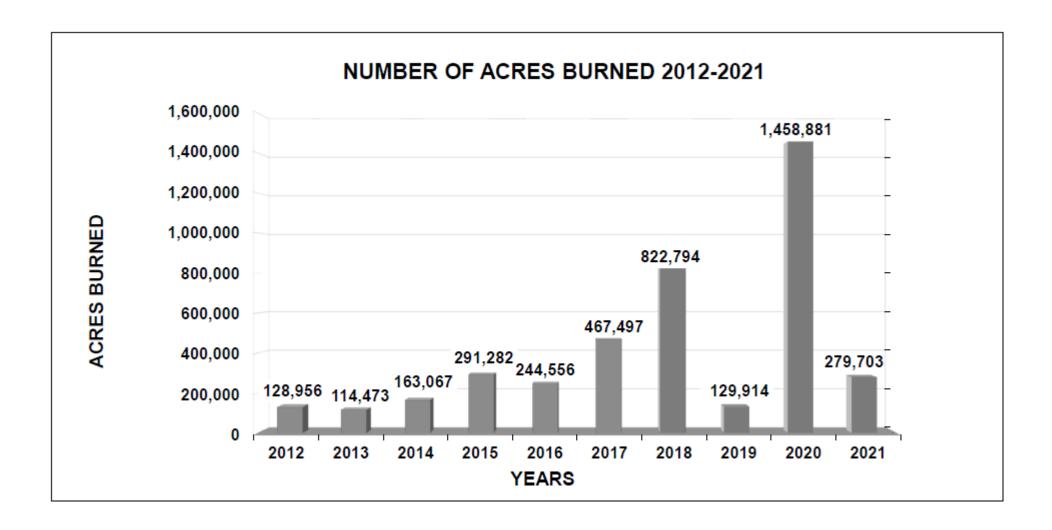
Contract County statistics can be found in Table 7.

<sup>\*</sup>Definition of what Dollar Damage entails can be found in the Glossary.

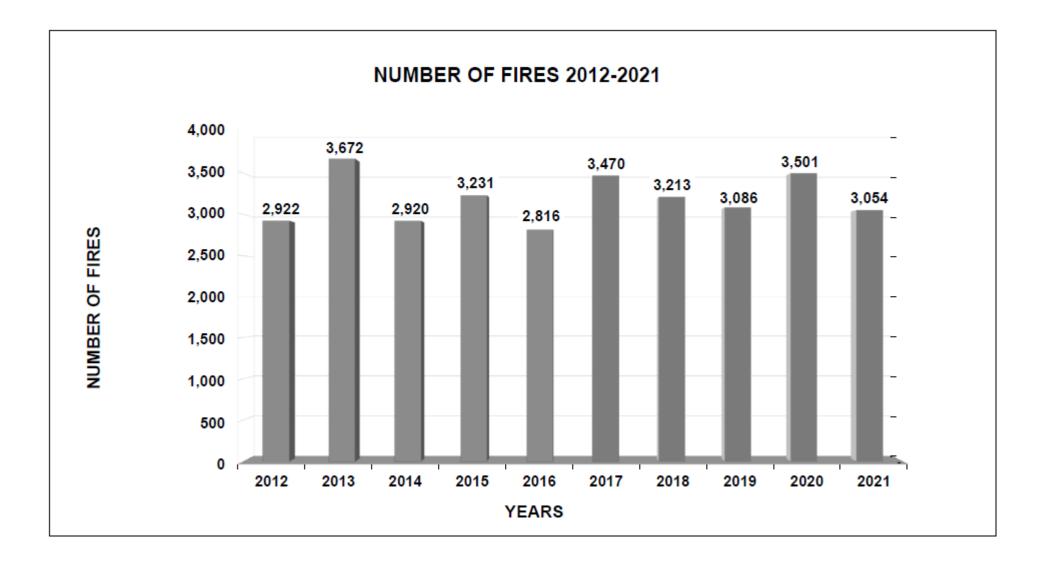
# **Graphic Figure 1. Percent of Fires by Cause**



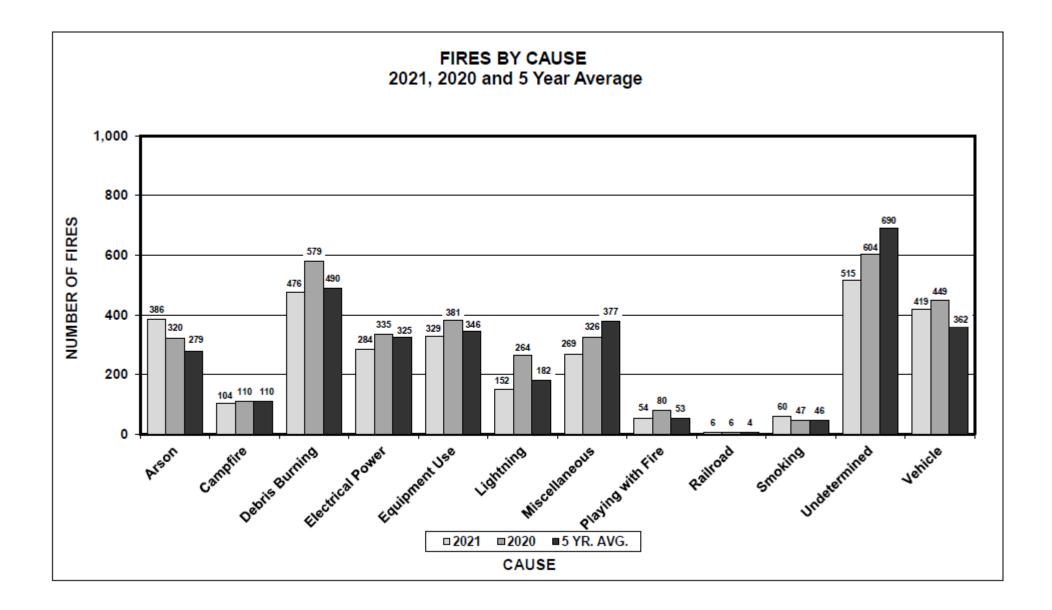
### Graphic Figure 2. Number of Acres Burned — 2012-2021



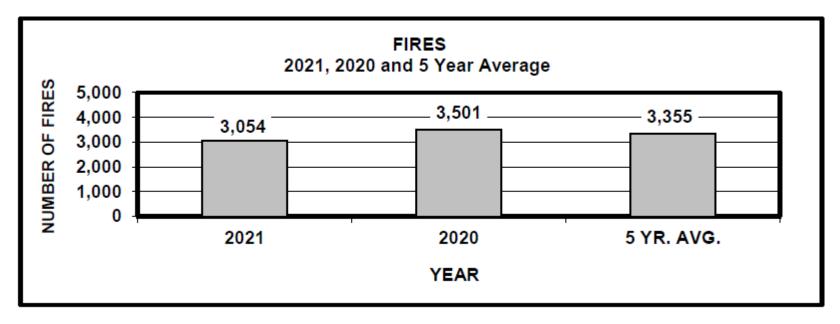
### Graphic Figure 3. Number of Fires — 2012-2021

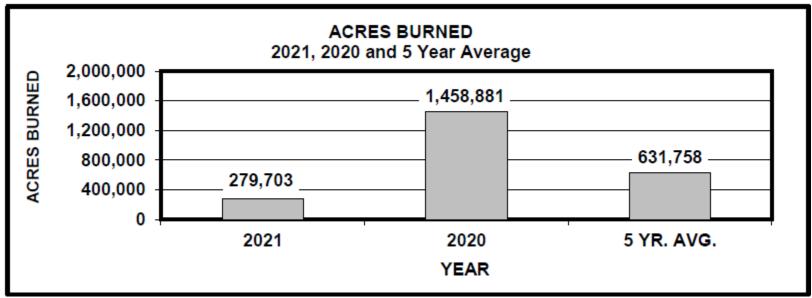


Graphic Figure 4. Number of Fires by Cause — 2021, 2020, and 5 Year Average

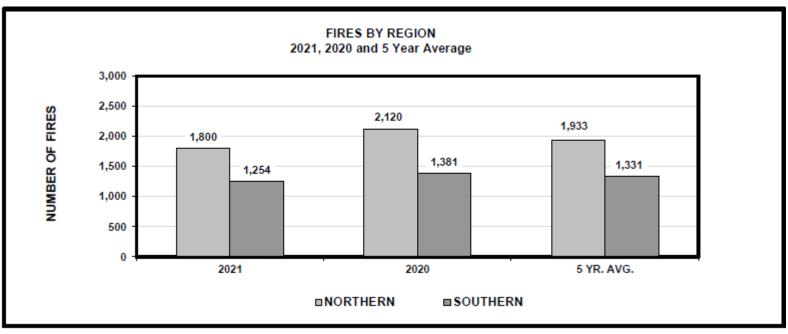


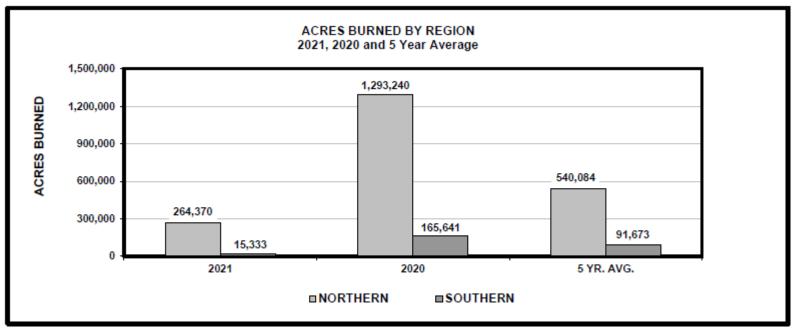
Graphic Figure 5. Fires and Acres — 2021, 2020, and 5 Year Average



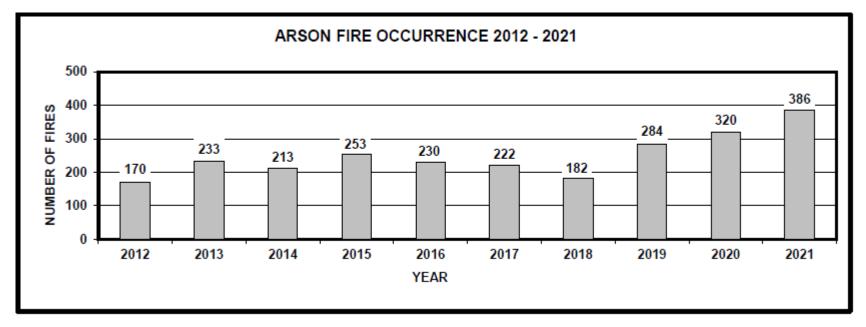


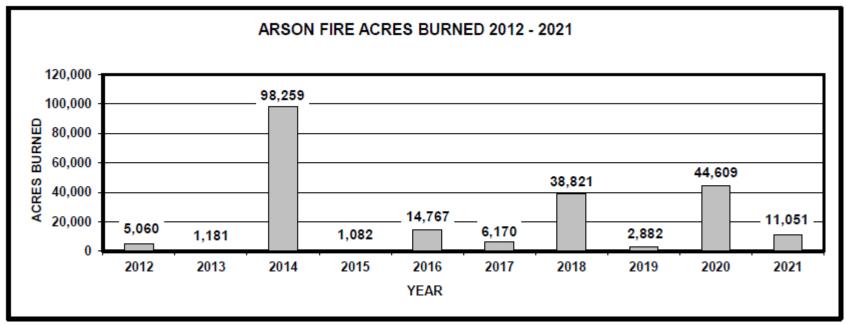
Graphic Figure 6. Fires and Acres by Region — 2021, 2020, and 5 Year Average



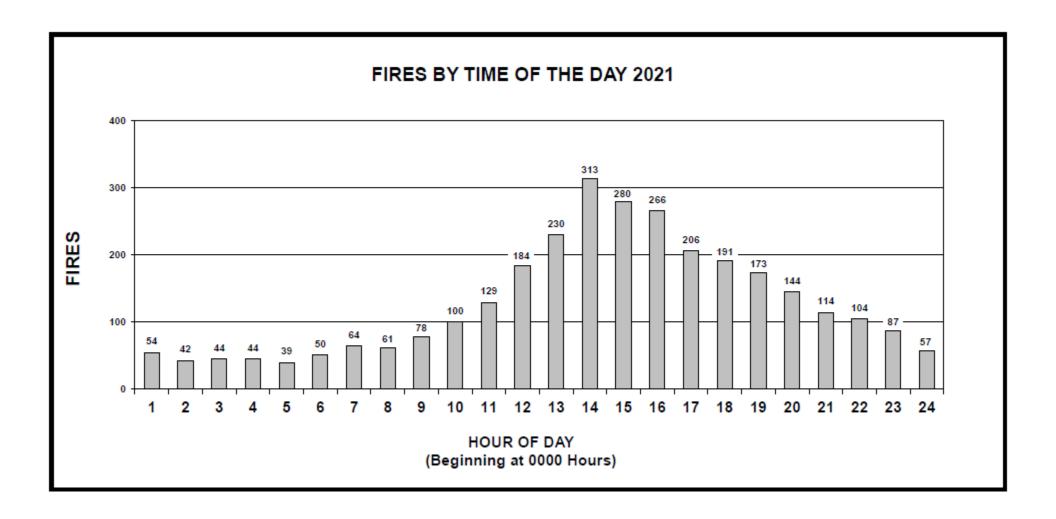


Graphic Figure 7. Number of Arson Fires and Acres — 2012-2021

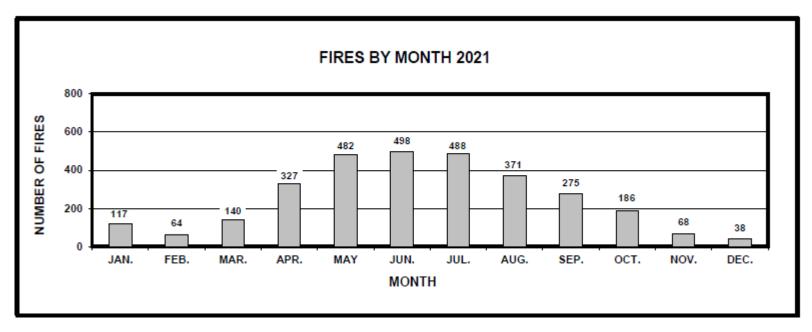


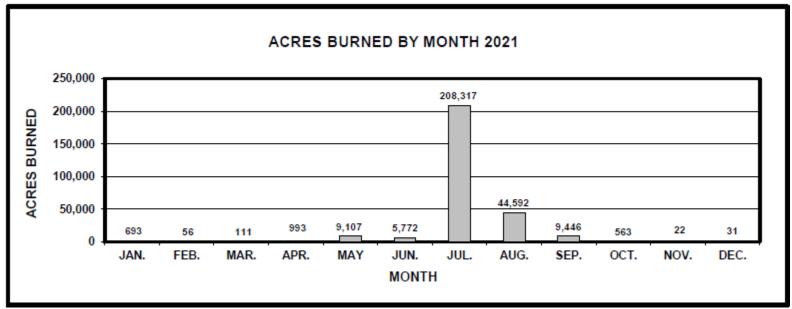


# Graphic Figure 8. Number of Fires by Time of the Day

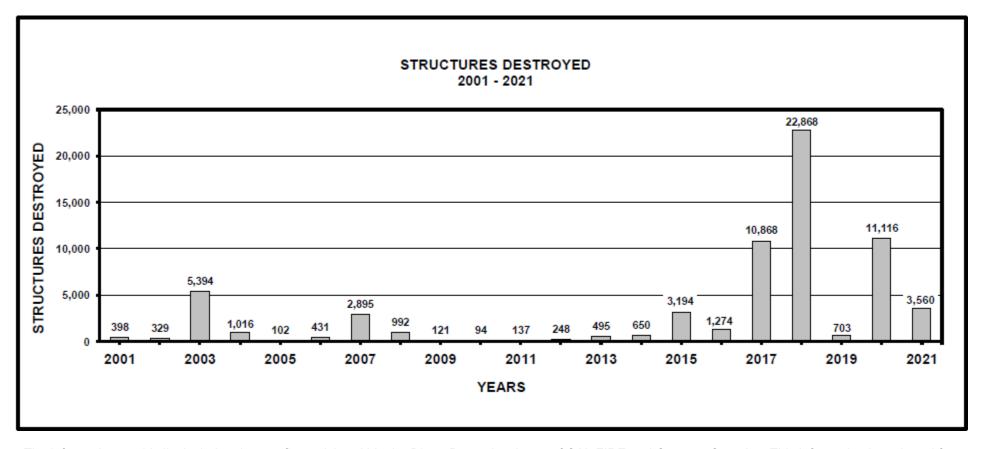


Graphic Figure 9. Number of Fires and Acres Burned by Month





Graphic Figure 10. Structures Destroyed — 2001-2021



The information on this list includes data on fire activity within the Direct Protection Areas of CAL FIRE and Contract Counties. This information is gathered from the ICS 209 incident reports, the CAL FIRE Incident Reporting System (CALFIRS), and CAL FIRE Damage Inspection (DINS) reports.

Structures Destroyed = Residence, commercial property, outbuilding, or other structure that is declared lost.

2003 includes the Cedar Fire, which destroyed 2,820 structures.

**2015** includes the Valley Fire, which destroyed 1,958 structures, and the Butte Fire, which destroyed 965 structures.

**2016** includes the Erskine, Bluecut, Sand, and Clayton fires, which destroyed a combined total of 1,023 structures.

**2017** includes the Thomas Fire, which destroyed 1,060 structures, as well as the Mendocino Lake Complex, Central LNU Complex, Southern LNU Complex and NEU Wind Complex incidents, which destroyed a combined total of 8,886 structures. These complex incidents were comprised of the Redwood Valley, Sulphur, Tubbs, Nuns, Pocket, Atlas, Cascade, La Porte, McCourtney, and Lobo fires.

2018 includes the Carr, Camp, and Woolsey fires, which destroyed 1,614 structures, 18,804 structures, and 1,185 structures, respectively.

**2020** includes the group of incidents known as the "2020 Fire Siege," which destroyed a combined total of over 9,000 structures.

#### **GLOSSARY**

**ARSON** – To unlawfully and intentionally damage, or attempt to damage, any real or personal property by fire or incendiary device.

**CAMPFIRE** – Outside fire used for cooking, warmth, lighting, ceremonial, or aesthetic purposes.

**CONTRACT COUNTIES –** PRC §4133 and Section 55607 of the Government Code permit the CAL FIRE Director to contract with counties for protection of State Responsibility Area (SRA). In California, CAL FIRE contracts with six counties to provide fire-protection and prevention services in SRA. The counties of Kern, Los Angeles, Marin, Orange, Santa Barbara, and Ventura are Contract Counties.

**DEBRIS BURNING** – Outside fire for vegetation, waste, or trash disposal.

**DIRECT PROTECTION AREA (DPA)** – The area for which a particular fire protection organization has the primary responsibility by law or contract for attacking an uncontrolled fire and directing the suppression activities.

**DOLLAR DAMAGE** – Estimates of the total property and contents dollar loss in terms of replacement in like kind and quantity. This estimation of the dollar loss includes property and contents damaged by fire, smoke, water, and overhaul. This does not include suppression costs or indirect loss, such as business interruption.

**ELECTRICAL POWER** – Fire ignited by electrical power distribution or transmission.

**EQUIPMENT USE** – Fire ignited by the use or failure of mechanical or electrical equipment. Does not include fire ignited by powerlines.

**FOREST FIRE** – A fire burning uncontrolled on land covered entirely or in part by timber, brush, grass, grain, or other flammable vegetation.

**LIGHTNING** – Fire ignited by lightning discharge.

**LOCAL GOVERNMENT –** A fire department, especially of a municipal government, whose purpose is preventing and extinguishing fires.

**LOCAL GOVERNMENT CONTRACT –** PRC §4142 allows CAL FIRE to contract with local governments to provide fire protection and emergency services through the administration of cooperative fire protection agreements with counties, cities, fire districts, and other special districts and service areas.

**MISCELLANEOUS** – Fire ignited by events or activities that are not classified as arson, campfire, debris burning, equipment use, lightning, playing with fire, powerline, railroad, smoking, vehicle, or undetermined.

**OUTBUILDING** – A building that is separate from a main building and located on the same property.

**PLAYING WITH FIRE (P-W-F)** – Fire ignited unintentionally by children while playing or experimenting with fire or fire-causing devices.

**RAILROAD** – Fire ignited by rail transport vehicles or fire ignited on or near railroad right-of-way.

**SMOKING** – Fires ignited by smoking tobacco or other smoking material; includes matches, lighters, or other heat sources used in smoking.

**STATE RESPONSIBILITY AREA (SRA)** – Areas of the State in which the financial responsibility of preventing and suppressing fires has been determined by the State Board of Forestry and Fire Protection, to be primarily the responsibility of the State, PRC §4102.

**STRUCTURE** – An assembly of materials forming a construction for occupancy or use to serve a specific purpose, includes enclosed building, fixed portable building, or mobile home.

**UNCONTROLLED FIRE** – Any fire which threatens to destroy life, property, or resources and either: (1) is unattended by any person; (2) is attended by persons unable to prevent its unrestricted spread; and (3) is burning with such velocity or intensity that it could not be readily controlled with ordinary tools available to persons at the fire scene.

**UNDETERMINED** – A fire that has been investigated and has insufficient information to classify further, a fire that is under investigation, or a fire that has not yet been investigated.

**VEHICLE** – Fire ignited by mobile property which include: Passenger automobile, bus, school bus, off road recreational, motor home, travel trailer, camping trailer, mobile home or office designed to be towed, motorcycle or scooter.

**WILDFIRE** – Any uncontrolled fire spreading through vegetative fuels that threatens to destroy life, property, or resources, PRC §4103 and 4104.

**WILDLAND-URBAN INTERFACE** – A geographical area identified by the State as a "Fire Hazard Severity Zone" in accordance with the PRC §4201 through 4204 and Government Code §51175 through 51189, or other areas designed to be at a significant risk from wildfires.