



**DEPARTMENT OF FORESTRY AND FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL**

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## ATTACHMENT 10

**Date:** August 21, 2014

**To:** **State Board of Fire Services**

**From:** Kirsti Fong - CAIRS Program

**SUBJECT/AGENDA ACTION ITEM:**

2014 report of statistics on all incidents reported to the OSFM through June 30, 2014.  
2014 Quarter 2 review of statistics within specific incident type categories.

**Recommended Actions:**

Information/discussion only.

**Background Information:**

None

**Analysis/Summary of Issue:**

The statistics are based upon a reporting system that utilizes reporting codes. The data gathered for the 2014 report of statistics on all incidents is based upon reporting codes used by fire departments to categorize the type of incident that they responded to. All incident type categories are displayed. Further information on the incident type codes and their definition can be found on the CAIRS webpage within the OSFM website.

The 2014 quarterly report of statistics gathered for the second quarter includes specific incident type reporting codes combined together into general categories. A detailed review of building fires and fireworks fires are included in the report.



**2014**  
**April - June**  
**Fire Department Incident Information**  
**Reported to the Office of the State Fire Marshal**

Report Date: 8/7/2014

INCIDENTS	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
Building Fires	1,153	14	0	27	8
Wildland Fires	3,124	10	0	3	2
Vehicle Fires	1,666	2	0	3	1
All Other Fires	4,446	4	0	4	1
EMS - No Vehicle Accident	132,446	11	0	8,021	67
EMS - Vehicle Accident	11,713	2	0	575	4
EMS - Assist EMS Agency	7,416	1	0	171	2
Search and Rescue	1,374	0	0	2	0
All Other EMS and Rescue	10,279	1	0	119	0
Hazmat	1,441	3	0	1	0
All Other Hazardous Conditions	3,125	0	0	0	0
Incident Types Not Listed	64,788	4	0	9	1
<b>TOTAL</b>	<b>242,971</b>	<b>52</b>	<b>0</b>	<b>8,935</b>	<b>86</b>

BUILDING FIRES - Detail	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
Non Residential Building Fires	271	7	0	5	0
Residential Building Fires	882	7	0	22	8
<b>SPRINKLER (when detector was present)</b>					
Non Residential Building Fires	14	0	0	0	0
Residential Building Fires	1	0	0	0	0
<b>NON-SPRINKLER (when detector was present)</b>					
Non Residential Building Fires	49	3	0	1	0
Residential Building Fires	361	1	0	15	2

FIREWORKS FIRES	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
2011	479	2	0	3	0
2012	545	1	0	1	0
2013	503	1	0	3	0

Annual reports can be found at [http://osfm.fire.ca.gov/cairs/cairs\\_nfirsreports.php](http://osfm.fire.ca.gov/cairs/cairs_nfirsreports.php)

Building Fires = NFIRS Incident Type codes; 111, 120-123 Buildings, Fire in mobile property used as a fixed structure. Does not include fires in structures other than buildings (piers, bridges, tunnels) and does not include confined fires in buildings.

Wildland Fires = NFIRS Incident Type codes; 140-143, 170-173, 561; Vegetation (including forest, brush, grass), crops, unauthorized burning.

Vehicle Fires = NFIRS Incident Type codes; 130-138; All mobile property fires.

EMS - No Vehicle Accident = NFIRS Incident Type code; 321.

EMS - Vehicle Accident = NFIRS Incident Type codes; 322-324.

EMS - Assist EMS Agency = NFIRS Incident Type code; 311.

Search and Rescue = NFIRS Incident Type codes; 331-372.

Hazmat = NFIRS Incident Type codes; 410-431, 451.

Non Residential Building Fire = NFIRS Incident Type codes; 111, 120-123 Building Fire, Fire in mobile property used as a fixed structure **AND** NFIRS Property Use Codes; all codes except for 400-464 Residential. Does not include fires in structures other than buildings (piers, bridges, tunnels) and does not include confined fires in buildings.

Residential Building Fire = NFIRS Incident Type codes; 111, 120-123 Building Fire, Fire in mobile property used as a fixed structure **AND** NFIRS Property Use Codes; 400-464 Residential. Does not include fires in structures other than buildings (piers, bridges, tunnels) and does not include confined fires in buildings.

Fireworks Fires = All reported incidents that include the NFIRS Heat Source codes: 50; Explosives, Fireworks, other and 54; Fireworks, includes sparklers, paper caps, party poppers, and firecrackers.

Incidents when mutual or automatic aid was given to a neighboring fire department were not included in counts.

The data contained in this report provided by the California Office of the State Fire Marshal (OSFM) is from the California All Incident Reporting System (CAIRS) database. Property and contents loss figures, if included, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the OSFM by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuation in the amount of data submitted to the OSFM. Incoming data is validated according to logical data rules, however, individual data elements are not always verified for accuracy.



**Office of the State Fire Marshal  
National Fire Incident Reporting System**

Data as of: 8/7/2014 12:51:11AM

Incident Date Range:  
1/1/2014 to 6/30/2014

**All Reported Incidents**

<u>Incident Type</u>	<u>Incident Year</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
Accident, potential accident		1,193	\$51,600	\$5,500	0	0	0	0
Animal problem or rescue		1,370	\$0	\$0	0	0	0	0
Attempted burning, illegal action		253	\$7,354	\$1,413	0	0	0	0
Biological hazard		81	\$0	\$0	0	0	0	0
Bomb scare		53	\$0	\$0	0	0	0	0
Chemical release, reaction, or toxic condition		652	\$1,500	\$0	3	0	8	0
Citizen complaint		450	\$1,000	\$1,000	0	0	0	0
Combustible/flammable spills & leaks		2,796	\$100	\$1,860	0	0	4	0
Controlled burning		916	\$401	\$1	0	0	0	0
Cover assignment, standby at fire station, move-up		1,250	\$0	\$0	0	0	0	0
Cultivated vegetation, crop fire		192	\$677,498	\$6,180,916	0	0	0	0
Dispatched and canceled enroute		39,157	\$50,001	\$25,000	0	0	2	2
Earthquake assessment		7	\$0	\$0	0	0	0	0
Electrical wiring/equipment problem		4,781	\$561,315	\$48,761	0	0	0	0
Emergency medical service (EMS)		346,611	\$44,535,062	\$39,900	45	0	35,550	285
EMS call where party has been transported		2,021	\$0	\$0	1	0	0	0
Excessive heat, scorch burns with no ignition		462	\$9,940	\$5,826	0	0	0	0
Explosive, bomb removal		139	\$17,500	\$500	0	0	0	0
Extrication, rescue		2,113	\$125,000	\$125,000	1	0	17	1
False alarm and false call, other		17,032	\$1,110	\$504	0	0	0	0
Fire, other		1,239	\$5,507,742	\$3,168,430	0	0	9	3
Flood assessment		146	\$38,000	\$7,500	0	0	0	0
Good intent call, other		9,572	\$1,000	\$0	0	0	0	0
Hazardous condition, other		1,489	\$363,501	\$114,001	0	0	0	0
Hazmat release investigation w/ no hazmat		722	\$0	\$0	0	0	0	0
Lightning strike (no fire)		8	\$0	\$0	0	0	0	0
Lock-In		525	\$520	\$0	0	0	0	0
Malicious, mischievous false alarm		2,592	\$6,600	\$3,500	0	0	0	0
Medical assist		20,849	\$419	\$0	2	0	1,086	11
Mobile property (vehicle) fire		3,685	\$32,209,261	\$8,007,651	4	0	13	4
Natural vegetation fire		4,042	\$7,039,719	\$6,521,962	12	0	3	2
Outside rubbish fire		5,006	\$606,097	\$279,045	0	0	1	0
Overpressure rupture from air or gas - no fire		176	\$300,000	\$10,000	1	0	2	0
Person in distress		4,234	\$2,600	\$0	0	0	0	0
Public service assistance		23,357	\$100,000	\$20,020	3	0	0	0
Radioactive condition		7	\$0	\$0	0	0	0	0

## All Reported Incidents

<u>Incident Type</u>	<u>Incident Year</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
Rescue, emergency medical call (EMS), other		11,266	\$127,500	\$10,500	0	0	2	0
Search for lost person		117	\$0	\$0	0	0	0	0
Service Call, other		3,421	\$401	\$1	1	0	0	0
Severe weather or natural disaster, other		84	\$1,500	\$0	0	0	0	0
Smoke, odor problem		2,064	\$3,501	\$2,493	0	0	0	0
Special type of incident, other		2,421	\$10,874,805	\$2,308,866	7	0	12	0
Steam, other gas mistaken for smoke		4,455	\$3,952	\$1,266	2	0	0	0
Structure Fire		6,255	\$181,484,676	\$84,764,973	41	0	97	29
System or detector malfunction		8,839	\$156,609	\$51,002	0	0	0	0
Unauthorized burning		1,554	\$550	\$250	0	0	0	0
Undefined		15	\$0	\$0	0	0	1	0
Unintentional system/detector operation - no fire		13,710	\$29,761	\$26,307	0	0	0	0
Vicinity alarm		114	\$0	\$0	0	0	0	0
Water problem		4,126	\$420,001	\$406,901	2	0	1	0
Wind storm		35	\$0	\$0	0	0	0	0
Wrong location		10,406	\$601	\$401	0	0	0	0
	<b>2014 Subtotal</b>	<b>568,060</b>	<b>\$285,318,697</b>	<b>\$112,141,250</b>	<b>125</b>	<b>0</b>	<b>36,808</b>	<b>337</b>
	<b>Grand Total</b>	<b>568,060</b>	<b>\$285,318,697</b>	<b>\$112,141,250</b>	<b>125</b>	<b>0</b>	<b>36,808</b>	<b>337</b>

Incidents with mutual aid given or automatic aid given to a neighboring fire department are not included in statistics.

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