



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

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## ATTACHMENT 12

**Date:** November 21, 2013

**To:** State Board of Fire Services

**From:** Kirsti Fong - CAIRS Program

**SUBJECT/AGENDA ACTION ITEM:**

2013 Quarter 3 Statistics - Discussion/Information  
2007-2012 Cooking Fires - Discussion/Information

**Recommended Actions:**

None

**Background Information:**

Presenting statistics on California fire department responses for July 1 through September 30, 2013 and a report of cooking fire statistics.

**Analysis/Summary of Issue:**

The third quarter report of incidents for 2013 has a 77% decrease in fire service injuries in building fires while the count of building fires and other incidents remains similar to the second quarter report. In addition, there is one firefighter fatality reported which appears to be an accidental death while enroute to a vehicle/pedestrian accident. The report of cooking fires shows a decrease of incidents for 2012, however, the CAIRS program continues to receive data for 2012 in 2013 and a full report for 2012 will be available at this time next year. Cooking fires increase in November by an average of 14% from the other months of the year.



# All Reported Cooking Fires

## Reported to the Office of the State Fire Marshal

Report Date: 10/17/2013

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1/1/2007 - 12/31/2012

Year	All Fires	Cooking Fires	Property & Content Loss	Fire Service Injuries	Fire Service Fatalities	Civilian Injuries	Civilian Fatalities
2007	105,649	7,961	\$21,364,286	6	0	47	5
2008	95,962	7,490	\$15,150,716	5	0	46	1
2009	87,983	7,765	\$12,028,589	8	0	60	1
2010	75,674	7,532	\$16,038,201	5	0	56	2
2011	76,059	7,272	\$18,106,880	10	0	60	2
2012	71,876	6,766	\$16,963,496	11	0	74	1
<b>Total</b>	<b>513,203</b>	<b>44,786</b>	<b>\$99,652,168</b>	<b>45</b>	<b>0</b>	<b>343</b>	<b>12</b>

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

All Fires = All reported incidents that include the National Fire Incident Reporting System (NFIRS) Incident Type codes 100-173, 561; All fires including Building, Wildland, Vehicle, and unauthorized burning.

Cooking Fires = All reported incidents that include the NFIRS Incident Type code 113; Cooking fire involving the contents of a cooking vessel without fire extension beyond the vessel **OR** Equipment Involved codes starting with 63, 64, and code 654; Kitchen cooking equipment.

The statistics come from the Office of the State Fire Marshal's (OSFM) California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, 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 fluctuations in the amount of data submitted to the OSFM. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.



**2013**  
**July - September**  
**Fire Department Incident Information**  
**Reported to the Office of the State Fire Marshal**

Report Date: 10/28/2013

INCIDENTS	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
Building Fires	1,011	7	0	28	9
Wildland Fires	3,637	6	0	2	1
Vehicle Fires	1,578	1	0	9	4
All Other Fires	3,720	5	0	9	2
EMS - No Vehicle Accident	112,499	4	0	8,940	59
EMS - Vehicle Accident	10,010	1	1	658	8
EMS - Assist EMS Agency	6,847	0	0	118	2
Search and Rescue	1,226	0	0	5	0
All Other EMS and Rescue	8,862	2	0	85	1
Hazmat	1,225	0	0	2	0
All Other Hazardous Conditions	2,575	0	0	0	0
Incident Types Not Listed	56,808	5	0	2	0
<b>TOTAL</b>	<b>209,998</b>	<b>31</b>	<b>1</b>	<b>9,858</b>	<b>86</b>

BUILDING FIRES - Detail	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
Non Residential Building Fires	214	2	0	4	0
Residential Building Fires	797	5	0	24	9
<b>SPRINKLER (when detector was present)</b>					
Non Residential Building Fires	8	0	0	0	0
Residential Building Fires	2	0	0	0	0
<b>NON-SPRINKLER (when detector was present)</b>					
Non Residential Building Fires	42	1	0	2	0
Residential Building Fires	272	2	0	11	1

FIREWORKS FIRES	INCIDENT COUNT	FIRE SERVICE INJURIES	FIRE SERVICE FATALITIES	CIVILIAN INJURIES	CIVILIAN FATALITIES
2011	472	2	0	1	0
2012	517	1	0	1	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 code; 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.