



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

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ATTACHMENT 3

Date: August 22, 2013

To: State Board of Fire Services

From: Kirsti Fong, CAIRS Program

SUBJECT/AGENDA ACTION ITEM:

California Fire Statistics
Present quarterly statistics and Fire Department reporting

Recommended Actions:

No Action
Information/Discussion Only

Background Information:

Attached tables
2013 Quarterly statistic report is new report.
2012 - 2013 Fire Departments reporting by county.

Analysis/Summary of Issue:

Present current statistics gathered from the CAIRS database, answer any questions from board members.



2013
April - June
Fire Department Incident Information
Reported to the Office of the State Fire Marshal

Report Date: 7/31/2013

| INCIDENTS | INCIDENT COUNT | FIRE SERVICE INJURIES | FIRE SERVICE FATALITIES | CIVILIAN INJURIES | CIVILIAN FATALITIES |
|--------------------------------|----------------|-----------------------|-------------------------|-------------------|---------------------|
| Building Fires | 1,000 | 30 | 0 | 30 | 7 |
| Wildland Fires | 3,643 | 3 | 0 | 2 | 3 |
| Vehicle Fires | 1,536 | 3 | 0 | 6 | 6 |
| All Other Fires | 3,830 | 1 | 0 | 11 | 1 |
| EMS - No Vehicle Accident | 113,574 | 15 | 0 | 10,268 | 66 |
| EMS - Vehicle Accident | 10,336 | 9 | 0 | 734 | 4 |
| EMS - Assist EMS Agency | 7,368 | 1 | 0 | 174 | 2 |
| Search and Rescue | 1,098 | 0 | 0 | 10 | 1 |
| All Other EMS and Rescue | 9,374 | 0 | 0 | 109 | 2 |
| Hazmat | 1,183 | 0 | 0 | 1 | 0 |
| All Other Hazardous Conditions | 2,876 | 0 | 0 | 0 | 0 |
| Incident Types Not Listed | 56,505 | 2 | 0 | 2 | 0 |
| TOTAL | 212,323 | 64 | 0 | 11,347 | 92 |

| BUILDING FIRES - Detail | INCIDENT COUNT | FIRE SERVICE INJURIES | FIRE SERVICE FATALITIES | CIVILIAN INJURIES | CIVILIAN FATALITIES |
|---|----------------|-----------------------|-------------------------|-------------------|---------------------|
| Non Residential Building Fires | 249 | 3 | 0 | 2 | 3 |
| Residential Building Fires | 751 | 27 | 0 | 28 | 4 |
| SPRINKLER (when detector was present) | | | | | |
| Non Residential Building Fires | 7 | 0 | 0 | 0 | 0 |
| Residential Building Fires | 1 | 0 | 0 | 0 | 0 |
| NON-S PRINKLER (when detector was present) | | | | | |
| Non Residential Building Fires | 49 | 0 | 0 | 0 | 0 |
| Residential Building Fires | 279 | 12 | 0 | 9 | 1 |

| FIREWORKS FIRES | INCIDENT COUNT | FIRE SERVICE INJURIES | FIRE SERVICE FATALITIES | CIVILIAN INJURIES | CIVILIAN FATALITIES |
|-----------------|----------------|-----------------------|-------------------------|-------------------|---------------------|
| 2011 | 471 | 2 | 0 | 1 | 0 |
| 2012 | 504 | 1 | 0 | 1 | 0 |

Annual reports can be found at 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
Reporting Fire Departments by County

Report Date: 8/6/2013

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1/1/2013 - 6/30/2013

| 2013 | Dept Count | Incident Count | % of Fires | % of EMS | % of Other |
|-----------------|------------|----------------|------------|----------|------------|
| Alameda | 5 | 10,932 | 3% | 73% | 24% |
| Amador | 3 | 944 | 5% | 74% | 21% |
| Butte | 6 | 9,345 | 4% | 70% | 26% |
| Calaveras | 5 | 590 | 10% | 75% | 15% |
| Colusa | 5 | 784 | 12% | 52% | 36% |
| Contra Costa | 4 | 5,657 | 4% | 65% | 31% |
| Del Norte | 3 | 295 | 10% | 77% | 13% |
| El Dorado | 4 | 1,312 | 8% | 68% | 23% |
| Fresno | 5 | 10,537 | 6% | 72% | 22% |
| Glenn | 3 | 241 | 11% | 58% | 32% |
| Humboldt | 7 | 520 | 23% | 57% | 20% |
| Imperial | 3 | 2,084 | 9% | 73% | 18% |
| Inyo | 3 | 162 | 13% | 78% | 9% |
| Kern | 2 | 9,835 | 6% | 62% | 32% |
| Kings | 3 | 4,435 | 7% | 67% | 26% |
| Lake | 3 | 592 | 7% | 75% | 18% |
| Lassen | 2 | 401 | 11% | 65% | 24% |
| Los Angeles | 18 | 58,547 | 7% | 42% | 52% |
| Madera | 3 | 3,326 | 10% | 60% | 30% |
| Marin | 7 | 7,564 | 3% | 67% | 30% |
| Mariposa | 2 | 250 | 8% | 55% | 37% |
| Mendocino | 7 | 1,288 | 14% | 52% | 34% |
| Merced | 8 | 9,587 | 7% | 62% | 31% |
| Modoc | 4 | 164 | 5% | 87% | 7% |
| Mono | 4 | 357 | 5% | 54% | 41% |
| Monterey | 14 | 6,874 | 3% | 68% | 29% |
| Napa | 3 | 3,701 | 3% | 70% | 28% |
| Nevada | 4 | 1,581 | 8% | 66% | 25% |
| Orange | 5 | 63,694 | 2% | 73% | 25% |
| Placer | 11 | 10,593 | 4% | 73% | 23% |
| Plumas | 6 | 362 | 6% | 74% | 20% |
| Riverside | 28 | 75,957 | 3% | 80% | 17% |
| Sacramento | 5 | 68,192 | 3% | 71% | 26% |
| San Benito | 2 | 390 | 7% | 63% | 30% |
| San Bernardino | 9 | 16,837 | 3% | 75% | 22% |
| San Diego | 21 | 53,778 | 2% | 78% | 20% |
| San Joaquin | 8 | 5,639 | 6% | 58% | 35% |
| San Luis Obispo | 7 | 5,173 | 4% | 66% | 30% |
| San Mateo | 17 | 20,920 | 2% | 69% | 29% |
| Santa Barbara | 5 | 14,585 | 3% | 65% | 31% |
| Santa Clara | 11 | 12,196 | 2% | 67% | 30% |
| Santa Cruz | 7 | 4,499 | 4% | 61% | 35% |
| Shasta | 5 | 2,261 | 7% | 75% | 18% |
| Sierra | 1 | 1 | 100% | 0% | 0% |

Fires = NFIRS Incident Type codes 100-173, 561 (Does not include prescribed fires or authorized burning)

EMS = NFIRS Incident Type codes 300-381

Mutual and Auto Aid Incidents are not included in counts

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Office of the State Fire Marshal
Reporting Fire Departments by County

Report Date: 8/6/2013

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1/1/2013 - 6/30/2013

| 2013 | Dept Count | Incident Count | % of Fires | % of EMS | % of Other |
|-------------------|------------|----------------|------------|------------|------------|
| Siskiyou | 11 | 971 | 10% | 64% | 25% |
| Solano | 4 | 3,126 | 4% | 72% | 24% |
| Sonoma | 14 | 14,122 | 4% | 66% | 31% |
| Stanislaus | 3 | 2,910 | 5% | 66% | 28% |
| Sutter | 2 | 5,084 | 4% | 76% | 20% |
| Tehama | 3 | 3,651 | 6% | 72% | 22% |
| Trinity | 5 | 422 | 8% | 76% | 16% |
| Tulare | 7 | 5,685 | 4% | 74% | 22% |
| Tuolumne | 6 | 2,528 | 4% | 73% | 23% |
| Ventura | 5 | 14,713 | 3% | 71% | 26% |
| Yolo | 6 | 5,643 | 4% | 67% | 29% |
| Yuba | 5 | 382 | 21% | 41% | 39% |
| 2013 Total | 359 | 566,219 | 21% | 41% | 39% |

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Office of the State Fire Marshal
Reporting Fire Departments by County

Report Date: 8/6/2013

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1/1/2012 - 12/31/2012

| 2012 | Dept Count | Incident Count | % of Fires | % of EMS | % of Other |
|-----------------|------------|----------------|------------|----------|------------|
| Alameda | 8 | 61,579 | 2% | 72% | 26% |
| Amador | 3 | 2,211 | 6% | 76% | 18% |
| Butte | 7 | 22,811 | 4% | 66% | 30% |
| Calaveras | 9 | 2,702 | 11% | 67% | 22% |
| Colusa | 5 | 1,679 | 9% | 58% | 33% |
| Contra Costa | 7 | 56,164 | 4% | 67% | 29% |
| Del Norte | 4 | 1,880 | 10% | 75% | 15% |
| El Dorado | 8 | 11,848 | 4% | 69% | 27% |
| Fresno | 11 | 58,251 | 7% | 63% | 31% |
| Glenn | 3 | 595 | 9% | 57% | 35% |
| Humboldt | 10 | 4,278 | 9% | 55% | 35% |
| Imperial | 7 | 9,457 | 7% | 75% | 18% |
| Inyo | 3 | 253 | 19% | 69% | 13% |
| Kern | 3 | 39,580 | 8% | 59% | 34% |
| Kings | 3 | 5,175 | 9% | 69% | 22% |
| Lake | 6 | 6,351 | 5% | 80% | 15% |
| Lassen | 2 | 766 | 11% | 61% | 28% |
| Los Angeles | 25 | 396,418 | 4% | 64% | 32% |
| Madera | 3 | 6,418 | 9% | 61% | 30% |
| Marin | 12 | 23,048 | 3% | 64% | 33% |
| Mariposa | 2 | 1,073 | 10% | 58% | 32% |
| Mendocino | 9 | 2,702 | 13% | 56% | 31% |
| Merced | 8 | 18,401 | 6% | 63% | 31% |
| Modoc | 3 | 294 | 10% | 82% | 8% |
| Mono | 6 | 618 | 7% | 57% | 36% |
| Monterey | 20 | 18,700 | 4% | 65% | 32% |
| Napa | 4 | 11,952 | 3% | 69% | 28% |
| Nevada | 8 | 4,466 | 6% | 68% | 26% |
| Orange | 9 | 149,710 | 2% | 73% | 26% |
| Placer | 13 | 27,586 | 4% | 72% | 24% |
| Plumas | 11 | 1,331 | 6% | 73% | 20% |
| Riverside | 28 | 162,197 | 3% | 78% | 19% |
| Sacramento | 8 | 136,365 | 3% | 71% | 26% |
| San Benito | 2 | 849 | 9% | 67% | 24% |
| San Bernardino | 10 | 54,071 | 3% | 74% | 22% |
| San Diego | 24 | 176,295 | 2% | 78% | 20% |
| San Francisco | 1 | 31,174 | 11% | 17% | 72% |
| San Joaquin | 12 | 14,063 | 5% | 63% | 32% |
| San Luis Obispo | 9 | 11,254 | 4% | 68% | 28% |
| San Mateo | 18 | 44,343 | 2% | 67% | 30% |
| Santa Barbara | 7 | 27,422 | 3% | 65% | 31% |
| Santa Clara | 12 | 43,025 | 3% | 67% | 31% |
| Santa Cruz | 10 | 15,494 | 4% | 61% | 35% |
| Shasta | 10 | 18,225 | 6% | 72% | 22% |

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**Office of the State Fire Marshal
Reporting Fire Departments by County**

Report Date: 8/6/2013

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1/1/2012 - 12/31/2012

| 2012 | Dept Count | Incident Count | % of Fires | % of EMS | % of Other |
|-------------------|------------|------------------|------------|------------|------------|
| Sierra | 1 | 2 | 50% | 0% | 50% |
| Siskiyou | 13 | 2,692 | 12% | 61% | 28% |
| Solano | 6 | 10,757 | 5% | 70% | 25% |
| Sonoma | 18 | 29,665 | 4% | 65% | 31% |
| Stanislaus | 7 | 12,299 | 5% | 68% | 27% |
| Sutter | 3 | 9,262 | 4% | 77% | 19% |
| Tehama | 4 | 7,393 | 6% | 72% | 22% |
| Trinity | 9 | 1,271 | 7% | 73% | 21% |
| Tulare | 9 | 30,124 | 6% | 69% | 25% |
| Tuolumne | 7 | 5,351 | 4% | 74% | 22% |
| Ventura | 5 | 35,889 | 3% | 69% | 28% |
| Yolo | 7 | 17,630 | 4% | 67% | 29% |
| Yuba | 6 | 1,343 | 17% | 44% | 39% |
| 2012 Total | 478 | 1,846,752 | 17% | 44% | 39% |

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Office of the State Fire Marshal
Reporting Fire Departments by County

Report Date: 8/6/2013

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1/1/2011 - 12/31/2011

| 2011 | Dept Count | Incident Count | % of Fires | % of EMS | % of Other |
|-----------------|------------|----------------|------------|----------|------------|
| Alameda | 8 | 114,796 | 3% | 74% | 23% |
| Alpine | 1 | 99 | 2% | 51% | 47% |
| Amador | 3 | 2,189 | 5% | 74% | 21% |
| Butte | 7 | 24,220 | 4% | 69% | 27% |
| Calaveras | 9 | 3,942 | 9% | 71% | 20% |
| Colusa | 5 | 1,484 | 9% | 57% | 34% |
| Contra Costa | 7 | 55,822 | 3% | 68% | 28% |
| Del Norte | 4 | 1,271 | 11% | 77% | 12% |
| El Dorado | 10 | 13,398 | 4% | 72% | 24% |
| Fresno | 11 | 54,875 | 7% | 61% | 32% |
| Glenn | 3 | 543 | 6% | 65% | 29% |
| Humboldt | 12 | 6,369 | 8% | 59% | 33% |
| Imperial | 9 | 9,084 | 6% | 73% | 21% |
| Inyo | 2 | 77 | 32% | 57% | 10% |
| Kern | 3 | 18,235 | 6% | 61% | 33% |
| Kings | 2 | 3,908 | 11% | 70% | 19% |
| Lake | 7 | 9,961 | 4% | 74% | 22% |
| Lassen | 2 | 973 | 10% | 66% | 24% |
| Los Angeles | 24 | 600,416 | 3% | 70% | 27% |
| Madera | 3 | 6,225 | 10% | 63% | 27% |
| Marin | 12 | 20,333 | 2% | 66% | 32% |
| Mariposa | 2 | 1,102 | 11% | 60% | 29% |
| Mendocino | 10 | 3,021 | 10% | 57% | 33% |
| Merced | 8 | 16,916 | 7% | 62% | 31% |
| Modoc | 5 | 268 | 21% | 78% | 1% |
| Mono | 6 | 894 | 7% | 53% | 40% |
| Monterey | 20 | 20,211 | 4% | 63% | 33% |
| Napa | 6 | 12,444 | 3% | 69% | 29% |
| Nevada | 9 | 7,456 | 5% | 67% | 28% |
| Orange | 11 | 139,973 | 2% | 72% | 26% |
| Placer | 13 | 30,378 | 3% | 72% | 25% |
| Plumas | 14 | 1,117 | 8% | 61% | 31% |
| Riverside | 28 | 154,671 | 3% | 78% | 19% |
| Sacramento | 8 | 132,068 | 3% | 71% | 26% |
| San Benito | 2 | 843 | 10% | 67% | 23% |
| San Bernardino | 15 | 80,744 | 3% | 75% | 22% |
| San Diego | 24 | 178,123 | 2% | 78% | 19% |
| San Francisco | 1 | 30,880 | 11% | 17% | 71% |
| San Joaquin | 11 | 12,839 | 7% | 63% | 31% |
| San Luis Obispo | 10 | 10,789 | 4% | 68% | 28% |
| San Mateo | 20 | 46,911 | 2% | 68% | 30% |
| Santa Barbara | 7 | 27,312 | 3% | 69% | 28% |
| Santa Clara | 12 | 88,613 | 3% | 69% | 28% |
| Santa Cruz | 11 | 16,913 | 4% | 59% | 37% |

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Report Date: 8/6/2013

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1/1/2011 - 12/31/2011

| 2011 | Dept Count | Incident Count | % of Fires | % of EMS | % of Other |
|-------------------|------------|------------------|------------|------------|------------|
| Shasta | 12 | 15,851 | 5% | 79% | 15% |
| Sierra | 2 | 119 | 11% | 81% | 8% |
| Siskiyou | 13 | 2,590 | 11% | 59% | 30% |
| Solano | 5 | 8,180 | 4% | 72% | 24% |
| Sonoma | 18 | 33,610 | 3% | 66% | 30% |
| Stanislaus | 10 | 28,810 | 6% | 67% | 28% |
| Sutter | 3 | 8,180 | 4% | 78% | 18% |
| Tehama | 4 | 6,914 | 6% | 74% | 20% |
| Trinity | 12 | 1,312 | 7% | 70% | 23% |
| Tulare | 10 | 26,674 | 5% | 69% | 25% |
| Tuolumne | 8 | 5,590 | 5% | 72% | 23% |
| Ventura | 6 | 35,246 | 3% | 68% | 29% |
| Yolo | 10 | 17,144 | 4% | 68% | 28% |
| Yuba | 8 | 3,498 | 7% | 64% | 29% |
| 2011 Total | 518 | 2,156,424 | 7% | 64% | 29% |

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