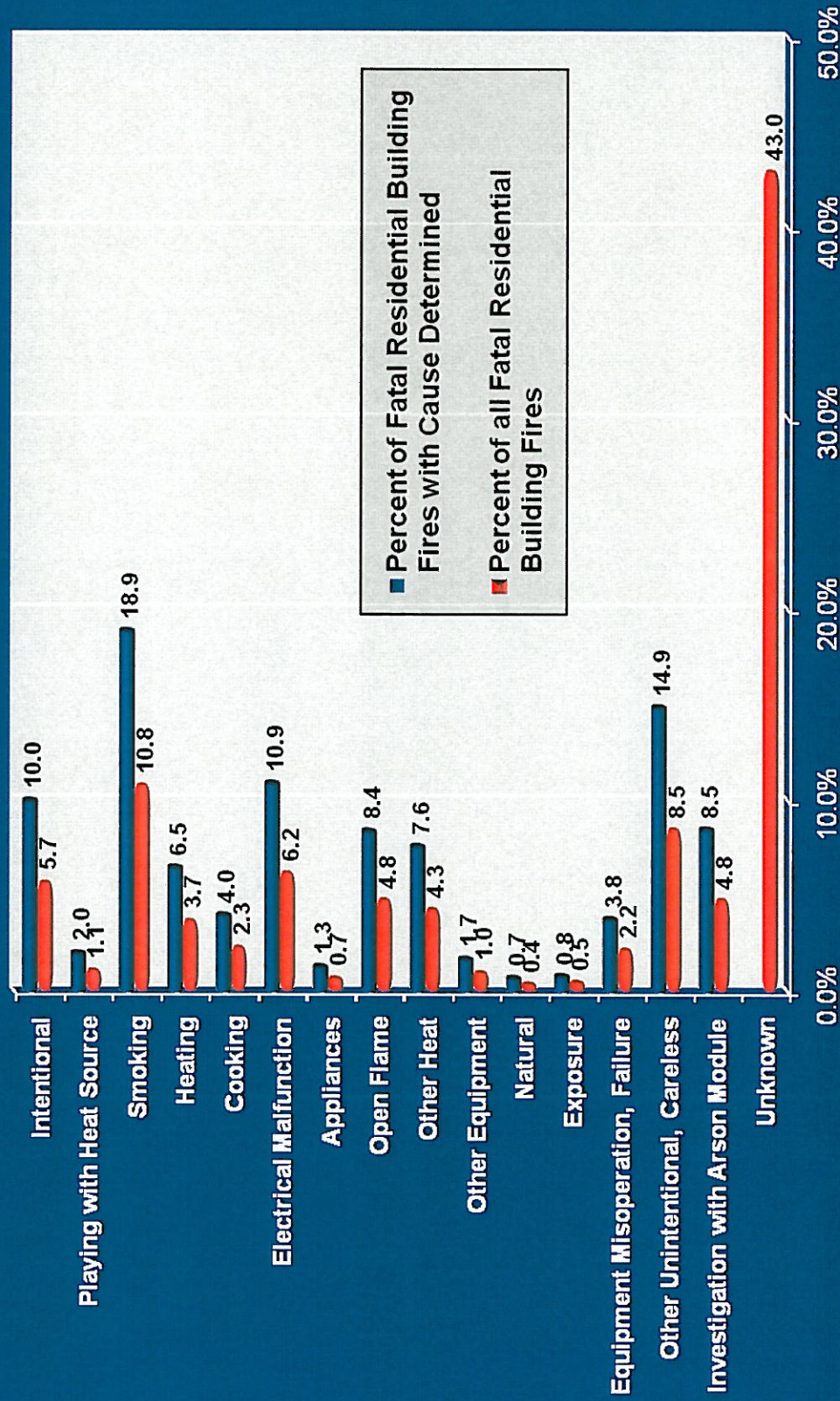


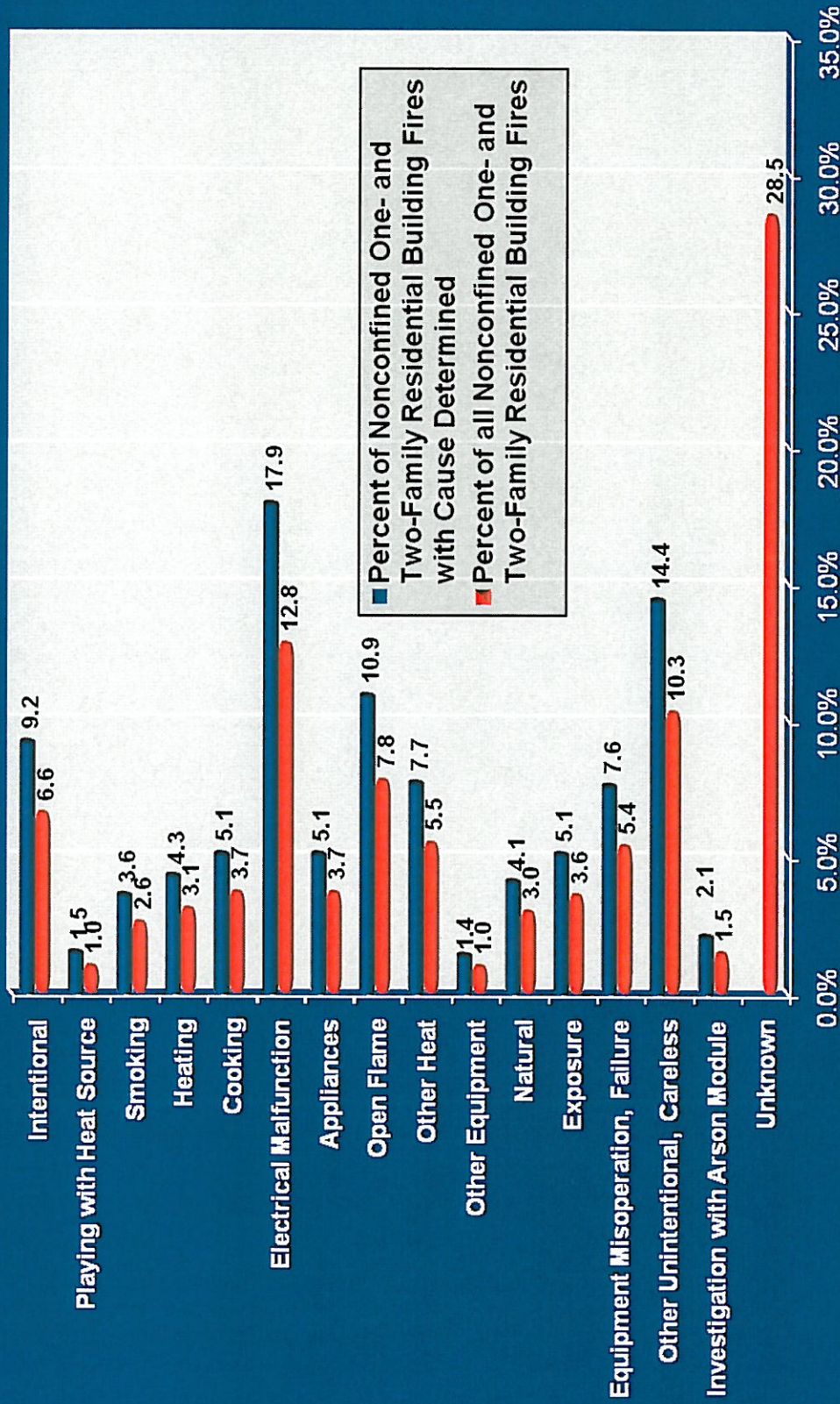
Causes of Fatal Residential Building Fires (2006-2008)



FEMA

Source: NFIRS 5.0

Causes of Nonconfined One- and Two-Family Residential Building Fires (2007-2009)



Source: NFIRS 5.0



NFIRS Smoke Alarm Data for Nonconfined Fires in Occupied One- and Two-Family Residential Buildings (NFIRS, 2007-2009)

| Presence of Smoke Alarms | Smoke Alarm Operational Status | Smoke Alarm Effectiveness | Count | Percent |
|--------------------------|--|--|---------|---------|
| Present | Fire too small to activate smoke alarm | | 13,356 | 5.5 |
| | Smoke alarm operated | Smoke alarm alerted occupants, occupants responded | 43,559 | 17.8 |
| | | Smoke alarm alerted occupants, occupants failed to respond | 1,610 | 0.7 |
| | | No occupants | 8,344 | 3.4 |
| | Smoke alarm failed to operate | Smoke alarm failed to alert occupants | 1,836 | 0.8 |
| | | Undetermined | 6,155 | 2.5 |
| | | Null/Blank | 1 | 0.0 |
| | | | 15,405 | 6.3 |
| | None present | Undetermined | 18,092 | 7.4 |
| | | | 53,610 | 21.9 |
| Undetermined | | 82,650 | 33.8 | |
| | | 1 | 0.0 | |
| Null/Blank | | 1 | 0.0 | |
| Total Incidents | | | 244,619 | 100.0 |



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