

Playing with Fire: Structure Fires Supporting Tables

May 2021 Richard Campbell

Playing with Fire: Structure Fires Supporting Tables

The tables in this document are a companion to the report of the same name. Firefighter deaths and injuries have been excluded from this analysis.

Most tables — with the exception of fires by year — show estimates of 2014–2018 annual averages. Fires that occurred outside the home and not on the structure have been excluded. Estimates were derived from the US Fire Administration's National Fire Incident Reporting System (NFIRS) and NFPA's annual fire experience survey, and they include proportional shares of unknown or missing data. Except for trend tables, fires, deaths and injuries have been rounded to the nearest 10, and property loss has been rounded to the nearest million dollars. Inflation adjustments were made only for the trend tables. Due to the small numbers, deaths have not been included in the tables on non-home structure fires. Percentages were calculated on unrounded estimates.

The estimates include proportional shares of fires in which the equipment involved was unknown or not reported. Other causal factors were allocated separately. For more information on how these estimates were calculated, please see the full report and *How NFPA's National Estimates Are Calculated for Home Structure Fires*.

List of Tables

| Table | | Page |
|-----------|---|------|
| Table 1. | Structure Fires Caused by Playing with Fire by Property Use | 2 |
| | | |
| | Playing with Fire in Home Structure Fires by: | |
| Table 2. | Year | 3 |
| Table 3. | Age of Fire Setter | 5 |
| Table 4. | Sex of Fire Setter | 5 |
| Table 5. | Month | 5 |
| Table 6. | Time of Day | 6 |
| Table 7. | Day of Week | 7 |
| Table 8. | Heat Source | 8 |
| Table 9. | Area of Origin | 10 |
| Table 10. | Item First Ignited | 12 |
| | Playing with Fire in Non-Home Structure Fires by: | |
| Table 11. | Year | 14 |
| Table 12. | Age of Fire Setter | 16 |
| Table 13. | Sex of Fire Setter | 16 |
| Table 14. | Month | 16 |
| Table 15 | Time of Day | 17 |
| Table 16 | Day of Week | 18 |
| Table 17 | Heat Source | 19 |
| Table 18 | Area of Origin | 20 |
| Table 19 | Item First Ignited | 22 |

Acknowledgments

The National Fire Protection Association thanks all the fire departments and state fire authorities who participate in the NFIRS and the annual NFPA fire experience survey. These firefighters are the original sources of the detailed data that makes this analysis possible. Their contributions allow us to estimate the size of the fire problem.

We are also grateful to the US Fire Administration for its work in developing, coordinating, and maintaining NFIRS.

To learn more about research at NFPA visit nfpa.org/research.

Email: research@nfpa.org

NFPA No. USS17S/ST

Table 1. Structure Fires Caused by Playing with Fire by Property Use: 2014–2018 Annual Averages

| Property Use | F | Fires | | Deaths | Civilian | Injuries | Direct Property Damage (in Millions) | |
|---------------------------------------|-------|--------|----|---------------|----------|----------|--------------------------------------|--------|
| Residential | 5,270 | (65%) | 50 | (93%) | 420 | (93%) | \$117 | (82%) |
| Homes | 4,960 | (61%) | 50 | (91%) | 400 | (88%) | \$112 | (79%) |
| Outside or special property | 890 | (11%) | 0 | (2%) | 0 | (0%) | \$1 | (1%) |
| Educational | 680 | (8%) | 0 | (0%) | 10 | (1%) | \$3 | (2%) |
| Storage | 550 | (7%) | 0 | (1%) | 10 | (1%) | \$7 | (5%) |
| Assembly | 300 | (4%) | 0 | (0%) | 0 | (0%) | \$5 | (4%) |
| Mercantile or office | 210 | (3%) | 0 | (1%) | 10 | (2%) | \$4 | (3%) |
| Health care, detention, or correction | 110 | (1%) | 0 | (0%) | 10 | (2%) | \$0 | (0%) |
| Other property type | 90 | (1%) | 0 | (3%) | 0 | (0%) | \$6 | (4%) |
| | 8,100 | (100%) | 50 | (100%) | 450 | (100%) | \$143 | (100%) |

Table 2. Playing with Fire in Home Structure Fires Reported to US Fire Departments: 1980–2018

| | | | | | | | Direc | t Propert (in Milli | ty Damage |
|------|--------|----------|------------|---------------|------------|---------|--------|------------------------|-------------|
| Year | Fir | es | Civilian E | Deaths | Civilian I | njuries | As Rep | | 018 Dollars |
| | | | | | | · | _ | | |
| 1980 | 43,800 | | 430 | | 2,060 | | \$140 | | \$427 |
| 1981 | 37,900 | | 300 | | 1,770 | | \$145 | | \$400 |
| 1982 | 30,400 | | 280 | | 1,870 | | \$131 | | \$341 |
| 1983 | 29,000 | | 310 | | 2,010 | | \$154 | | \$388 |
| 1984 | 29,000 | | 300 | | 2,020 | | \$162 | | \$391 |
| 1985 | 27,700 | | 390 | | 2,040 | | \$189 | | \$441 |
| 1986 | 27,000 | | 380 | | 2,020 | | \$186 | | \$427 |
| 1987 | 26,300 | | 490 | | 2,330 | | \$203 | | \$449 |
| 1988 | 26,300 | | 510 | | 2,420 | | \$208 | | \$442 |
| 1989 | 24,200 | | 460 | | 2,360 | | \$229 | | \$464 |
| 1990 | 21,700 | | 330 | | 2,250 | | \$206 | | \$396 |
| 1991 | 22,400 | | 430 | | 2,610 | | \$285 | | \$526 |
| 1992 | 23,800 | | 370 | | 2,810 | | \$206 | | \$369 |
| 1993 | 23,500 | | 400 | | 2,840 | | \$269 | | \$468 |
| 1994 | 24,000 | | 410 | | 2,620 | | \$269 | | \$456 |
| 1995 | 19,800 | | 300 | | 2,310 | | \$255 | | \$420 |
| 1996 | 18,700 | | 280 | | 2,020 | | \$255 | | \$409 |
| 1997 | 17,000 | | 270 | | 1,940 | | \$262 | | \$410 |
| 1998 | 15,100 | | 220 | | 1,650 | | \$210 | | \$324 |
| 1999 | 14,000 | (13,600) | 230 | (230) | 2,090 | (2,090) | \$238 | (\$238) | \$359 |
| 2000 | 11,700 | (11,200) | 270 | (270) | 1,450 | (1,320) | \$275 | (\$273) | \$401 |
| 2001 | 11,800 | (10,800) | 200 | (200) | 1,200 | (1,180) | \$246 | (\$246) | \$349 |
| 2002 | 10,000 | (8,900) | 200 | (200) | 1,050 | (1,050) | \$233 | (\$233) | \$325 |
| 2003 | 7,900 | (6,900) | 180 | (180) | 870 | (870) | \$227 | (\$227) | \$310 |
| 2004 | 7,600 | (6,500) | 80 | (80) | 850 | (840) | \$203 | (\$203) | \$270 |
| 2005 | 7,600 | (6,400) | 130 | (130) | 740 | (740) | \$225 | (\$225) | \$289 |
| 2006 | 8,500 | (7,000) | 120 | (120) | 770 | (750) | \$202 | (\$202) | \$252 |
| 2007 | 8,100 | (6,800) | 110 | (110) | 740 | (720) | \$160 | (\$160) | \$194 |
| 2008 | 7,600 | (6,200) | 70 | (70) | 780 | (780) | \$202 | (\$202) | \$236 |
| 2009 | 6,600 | (5,200) | 70 | (70) | 740 | (720) | \$175 | (\$175) | \$205 |
| 2010 | 6,400 | (5,400) | 90 | (90) | 750 | (730) | \$159 | (\$159) | \$183 |
| 2011 | 6,700 | (5,600) | 40 | (40) | 740 | (730) | \$165 | (\$165) | \$184 |
| 2012 | 7,100 | (5,800) | 70 | (70) | 670 | (660) | \$197 | (\$196) | \$215 |
| 2013 | 6,000 | (4,900) | 90 | (90) | 580 | (580) | \$139 | (\$139) | \$150 |

Table 2. Playing with Fire in Home Structure Fires Reported to US Fire Departments: 1980-2018 (Continued)

| Year | Fire | es | Civilian D | eaths | Civilian In | iuries | Direc As Rei | (in Mil | rty Damage lions) 2018 Dollars |
|--------|-------|---------|-------------|--------|---------------|--------|-----------------|---------|--------------------------------------|
| 1 (11) | 1110 | | CIVIIIIII D | Cuting | CIVIIIIII III | juries | 115 110 | ,01104 | 2010 2011115 |
| 2014 | 5,200 | (4,300) | 60 | (60) | 430 | (430) | \$115 | (\$114) | \$121 |
| 2015 | 5,400 | (4,100) | 60 | (60) | 380 | (360) | \$117 | (\$117) | \$124 |
| 2016 | 4,900 | (3,600) | 30 | (30) | 340 | (330) | \$94 | (\$94) | \$98 |
| 2017 | 5,000 | (3,800) | 40 | (40) | 360 | (360) | \$116 | (\$116) | \$119 |
| 2018 | 4,400 | (3,500) | 50 | (50) | 480 | (470) | \$122 | (\$122) | \$122 |

Source: NFIRS and NFPA survey. Estimates for 1999–2011 are based on data originally collected in NFIRS 5.0 only. Due to the smaller share of NFIRS data collected in 1999–2001, statistics for these years should be viewed with caution. Inflation adjustments were based on the Consumer Price Index Purchasing Power of the Dollar. Numbers in parentheses exclude fires reported with an NFIRS "confined fire" incident type.

Table 3. Home Structure Fires Caused by Playing with Fire by Age of Fire Setter: 2014–2018 Annual Averages

| Age of Fire Setter | Fires | | Civilian Deaths C | | Civilian | Injuries | Direct Property Damage (in Millions) | | |
|--------------------|-------|--------|-------------------|--------|----------|----------|---|--------|--|
| 5 years or younger | 1,790 | (36%) | 20 | (46%) | 170 | (43%) | \$44 | (39%) | |
| 6 to 10 years | 2,150 | (43%) | 20 | (42%) | 170 | (44%) | \$51 | (46%) | |
| 11 to 17 years | 970 | (20%) | 0 | (7%) | 50 | (12%) | \$16 | (14%) | |
| 18 and older | 50 | (1%) | 0 | (4%) | 10 | (2%) | \$1 | (1%) | |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112 | (100%) | |

Table 4. Home Structure Fires Caused by Playing with Fire by Sex of Fire Setter: 2014–2018 Annual Averages

| Sex of Fire Setter | Fir | Fires | | Civilian Deaths | | Civilian Injuries | | erty Damage illions) |
|--------------------|-------|--------|----|-----------------|-----|-------------------|-------|-------------------------|
| Male | 4,050 | (82%) | 40 | (77%) | 320 | (80%) | \$93 | (83%) |
| Female | 910 | (18%) | 10 | (23%) | 80 | (20%) | \$19 | (17%) |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112 | (100%) |

Source: NFIRS and NFPA fire experience survey.

Table 5. Home Structure Fires Caused by Playing with Fire by Month: 2014–2018 Annual Averages

| Montb | Fir | Fires | | Civilian Deaths | | Injuries | | erty Damage illions) |
|-----------|-------|--------|----|-----------------|-----|----------|-------|-------------------------|
| January | 410 | (8%) | 10 | (17%) | 40 | (10%) | \$9 | (8%) |
| February | 390 | (8%) | 10 | (14%) | 40 | (9%) | \$8 | (7%) |
| March | 440 | (9%) | 10 | (19%) | 40 | (9%) | \$13 | (11%) |
| April | 420 | (8%) | 0 | (2%) | 40 | (9%) | \$11 | (10%) |
| May | 420 | (8%) | 0 | (7%) | 40 | (10%) | \$11 | (10%) |
| June | 430 | (9%) | 0 | (0%) | 30 | (7%) | \$11 | (10%) |
| July | 590 | (12%) | 0 | (5%) | 40 | (10%) | \$11 | (10%) |
| August | 440 | (9%) | 0 | (2%) | 30 | (8%) | \$8 | (7%) |
| September | 370 | (8%) | 0 | (5%) | 30 | (7%) | \$7 | (6%) |
| October | 340 | (7%) | 10 | (12%) | 30 | (8%) | \$7 | (7%) |
| November | 380 | (8%) | 10 | (15%) | 30 | (7%) | \$9 | (8%) |
| December | 330 | (7%) | 0 | (2%) | 30 | (6%) | \$7 | (7%) |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112 | (100%) |

Table 6. Home Structure Fires Caused by Playing with Fire by Time of Day: 2014–2018 Annual Averages

| Time of Day | Fir | es | Civiliar | Deaths | Civilian | Injuries | Direct Property Damage (in Millions) | | |
|---------------------|-------|--------|----------|--------|----------|----------|---|--------|--|
| Midnight-12:59 a.m. | 100 | (2%) | 0 | (2%) | 10 | (2%) | \$3 | (3%) | |
| 1:00–1:59 a.m. | 80 | (2%) | 0 | (2%) | 10 | (3%) | \$1 | (1%) | |
| 2:00–2:59 a.m. | 60 | (1%) | 0 | (2%) | 0 | (1%) | \$2 | (1%) | |
| 3:00–3:59 a.m. | 50 | (1%) | 0 | (0%) | 0 | (1%) | \$1 | (1%) | |
| 4:00–4:59 a.m. | 40 | (1%) | 0 | (2%) | 10 | (2%) | \$1 | (1%) | |
| 5:00–5:59 a.m. | 40 | (1%) | 0 | (0%) | 0 | (0%) | \$1 | (1%) | |
| 6:00–6:59 a.m. | 50 | (1%) | 0 | (0%) | 10 | (1%) | \$1 | (1%) | |
| 7:00–7:59 a.m. | 80 | (2%) | 0 | (9%) | 10 | (2%) | \$1 | (1%) | |
| 8:00–8:59 a.m. | 140 | (3%) | 10 | (12%) | 10 | (4%) | \$4 | (4%) | |
| 9:00–9:59 a.m. | 180 | (4%) | 0 | (5%) | 20 | (4%) | \$5 | (4%) | |
| 10:00–10:59 a.m. | 230 | (5%) | 0 | (10%) | 30 | (7%) | \$5 | (5%) | |
| 11:00–11:59 a.m. | 260 | (5%) | 0 | (7%) | 20 | (6%) | \$4 | (4%) | |
| 12:00–12:59 p.m. | 250 | (5%) | 0 | (5%) | 20 | (6%) | \$7 | (6%) | |
| 1:00–1:59 p.m. | 310 | (6%) | 0 | (10%) | 20 | (5%) | \$7 | (7%) | |
| 2:00–2:59 p.m. | 290 | (6%) | 0 | (5%) | 30 | (7%) | \$6 | (5%) | |
| 3:00–3:59 p.m. | 360 | (7%) | 0 | (0%) | 20 | (5%) | \$9 | (8%) | |
| 4:00–4:59 p.m. | 430 | (9%) | 0 | (7%) | 30 | (7%) | \$10 | (9%) | |
| 5:00–5:59 p.m. | 380 | (8%) | 0 | (5%) | 20 | (6%) | \$12 | (10%) | |
| 6:00–6:59 p.m. | 370 | (7%) | 0 | (2%) | 30 | (7%) | \$8 | (7%) | |
| 7:00–7:59 p.m. | 370 | (7%) | 0 | (5%) | 30 | (7%) | \$7 | (6%) | |
| 8:00–8:59 p.m. | 280 | (6%) | 0 | (0%) | 20 | (5%) | \$5 | (5%) | |
| 9:00–9:59 p.m. | 260 | (5%) | 0 | (2%) | 20 | (5%) | \$4 | (3%) | |
| 10:00–10:59 p.m. | 200 | (4%) | 0 | (2%) | 20 | (6%) | \$3 | (3%) | |
| 11:00–11:59 p.m. | 140 | (3%) | 0 | (5%) | 10 | (2%) | \$3 | (2%) | |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112 | (100%) | |

Table 7. Home Structure Fires Caused by Playing with Fire by Day of Week: 2014–2018 Annual Averages

| Day of the Week | Fir | Fires | | Civilian Deaths | | Civilian Injuries | | erty Damage illions) |
|-----------------|-------|--------|----|-----------------|-----|-------------------|-------|-------------------------|
| Sunday | 680 | (14%) | 20 | (31%) | 60 | (15%) | \$14 | (13%) |
| Monday | 720 | (15%) | 0 | (9%) | 60 | (16%) | \$17 | (15%) |
| Tuesday | 700 | (14%) | 0 | (5%) | 50 | (13%) | \$17 | (15%) |
| Wednesday | 680 | (14%) | 0 | (10%) | 40 | (11%) | \$16 | (14%) |
| Thursday | 650 | (13%) | 10 | (24%) | 50 | (14%) | \$14 | (13%) |
| Friday | 680 | (14%) | 0 | (7%) | 70 | (16%) | \$17 | (15%) |
| Saturday | 850 | (17%) | 10 | (14%) | 60 | (15%) | \$18 | (16%) |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112 | (100%) |

Table 8. Home Structure Fires Caused by Playing with Fire by Heat Source: 2014–2018 Annual Averages

| Heat Source | Fire | es | Civilian | Deaths | Civilian I | njuries | Direct Propo (in Mi | |
|---|-------|-------|----------|--------|------------|---------|------------------------|-------|
| Lighter | 2,730 | (55%) | 20 | (42%) | 270 | (69%) | \$66.5 | (59%) |
| Non-confined | 2,300 | (46%) | 20 | (42%) | 270 | (67%) | \$66.4 | (59%) |
| Confined | 430 | (9%) | 0 | (0%) | 10 | (1%) | \$0.0 | (0%) |
| Match | 680 | (14%) | 20 | (33%) | 30 | (7%) | \$17.3 | (15%) |
| Non-confined | 510 | (10%) | 20 | (33%) | 30 | (7%) | \$17.3 | (15%) |
| Confined | 170 | (3%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Fireworks | 230 | (5%) | 0 | (3%) | 10 | (3%) | \$4.4 | (4%) |
| Non-confined | 190 | (4%) | 0 | (3%) | 10 | (3%) | \$4.4 | (4%) |
| Confined | 50 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Candle | 190 | (4%) | 0 | (9%) | 20 | (5%) | \$6.2 | (6%) |
| Non-confined | 160 | (3%) | 0 | (9%) | 20 | (5%) | \$6.2 | (6%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Unclassified hot or smoldering object | 120 | (2%) | 0 | (0%) | 0 | (1%) | \$1.8 | (2%) |
| Non-confined | 90 | (2%) | 0 | (0%) | 0 | (1%) | \$1.8 | (2%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Flame or torch used for lighting | 120 | (2%) | 0 | (0%) | 10 | (2%) | \$2.7 | (2%) |
| Non-confined | 90 | (2%) | 0 | (0%) | 10 | (2%) | \$2.7 | (2%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Radiated or conducted heat from operating equipment | 120 | (2%) | 0 | (0%) | 10 | (2%) | \$0.4 | (0%) |
| Non-confined | 50 | (1%) | 0 | (0%) | 10 | (2%) | \$0.4 | (0%) |
| Confined | 70 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Unclassified heat from powered equipment | 120 | (2%) | 0 | (3%) | 0 | (0%) | \$0.5 | (0%) |
| Non-confined | 40 | (1%) | 0 | (3%) | 0 | (0%) | \$0.5 | (0%) |
| Confined | 70 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Heat from direct flame or convection currents | 110 | (2%) | 0 | (0%) | 10 | (4%) | \$3.1 | (3%) |
| Non-confined | 80 | (2%) | 0 | (0%) | 10 | (3%) | \$3.1 | (3%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |
| Hot ember or ash | 100 | (2%) | 0 | (3%) | 10 | (2%) | \$1.5 | (1%) |
| Non-confined | 60 | (1%) | 0 | (3%) | 10 | (2%) | \$1.5 | (1%) |
| Confined | 40 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) |

Table 8. Home Structure Fires Caused by Playing with Fire by Heat Source: 2014–2018 Annual Averages (Continued)

| Heat Source | Fires | | Civiliar | Civilian Deaths | | Injuries | Direct Property Damage (in Millions) | | |
|--------------------------|-------|--------|----------|-----------------|-----|----------|---|--------|--|
| Unclassified heat source | 100 | (2%) | 0 | (0%) | 0 | (1%) | \$1.1 | (1%) | |
| Non-confined | 50 | (1%) | 0 | (0%) | 0 | (1%) | \$1.1 | (1%) | |
| Confined | 50 | (1%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) | |
| Other known heat source | 340 | (7%) | 0 | (8%) | 20 | (4%) | \$6.9 | (6%) | |
| Non-confined | 240 | (5%) | 0 | (8%) | 20 | (4%) | \$6.8 | (6%) | |
| Confined | 90 | (2%) | 0 | (0%) | 0 | (0%) | \$0.0 | (0%) | |
| | | | | | | | | | |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112.5 | (100%) | |
| Non-confined | 3,870 | (78%) | 50 | (100%) | 390 | (98%) | \$112.4 | (100%) | |
| Confined | 1,090 | (22%) | 0 | (0%) | 10 | (2%) | \$0.1 | (0%) | |

Table 9. Home Structure Fires Caused by Playing with Fire by Area of Origin: 2014–2018 Annual Averages

| Area of Origin | Fire | es | Civilian | Deaths | Civilian l | Injuries | Direct Property Damaş (in Millions) | |
|--------------------------------------|-------|-------|----------|--------|------------|----------|--|-------|
| Bedroom | 1,660 | (33%) | 20 | (42%) | 190 | (47%) | \$54 | (48%) |
| Non-confined | 1,560 | (32%) | 20 | (42%) | 180 | (46%) | \$54 | (48%) |
| Confined | 90 | (2%) | 0 | (0%) | 0 | (1%) | \$0 | (0%) |
| Kitchen or cooking area | 420 | (8%) | 0 | (7%) | 20 | (4%) | \$3 | (3%) |
| Non-confined | 200 | (4%) | 0 | (7%) | 20 | (4%) | \$3 | (3%) |
| Confined | 220 | (4%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Living room | 290 | (6%) | 10 | (29%) | 50 | (13%) | \$9 | (8%) |
| Non-confined | 260 | (5%) | 10 | (29%) | 50 | (13%) | \$9 | (8%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Lavatory or bathroom | 280 | (6%) | 0 | (0%) | 20 | (4%) | \$2 | (1%) |
| Non-confined | 190 | (4%) | 0 | (0%) | 20 | (4%) | \$2 | (1%) |
| Confined | 90 | (2%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Closet | 270 | (6%) | 0 | (0%) | 20 | (5%) | \$5 | (5%) |
| Non-confined | 250 | (5%) | 0 | (0%) | 20 | (5%) | \$5 | (5%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Unclassified outside area | 250 | (5%) | 0 | (0%) | 0 | (1%) | \$3 | (2%) |
| Non-confined | 110 | (2%) | 0 | (0%) | 0 | (1%) | \$3 | (2%) |
| Confined | 140 | (3%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Garage or vehicle storage area | 210 | (4%) | 0 | (2%) | 10 | (3%) | \$7 | (6%) |
| Non-confined | 170 | (3%) | 0 | (2%) | 10 | (3%) | \$7 | (6%) |
| Confined | 40 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Unclassified function area | 140 | (3%) | 0 | (5%) | 20 | (5%) | \$5 | (4%) |
| Non-confined | 120 | (2%) | 0 | (5%) | 20 | (5%) | \$5 | (4%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Exterior wall surface | 140 | (3%) | 0 | (0%) | 10 | (2%) | \$3 | (2%) |
| Non-confined | 130 | (3%) | 0 | (0%) | 10 | (2%) | \$3 | (2%) |
| Confined | 10 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Exterior balcony or unenclosed porch | 130 | (3%) | 0 | (0%) | 10 | (1%) | \$4 | (3%) |
| Non-confined | 100 | (2%) | 0 | (0%) | 10 | (1%) | \$4 | (3%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |

Table 9. Home Structure Fires Caused by Playing with Fire by Area of Origin: 2014–2018 Annual Averages (Continued)

| Area of Origin | Fir | es | Civilian | Civilian Deaths | | Civilian Injuries | | erty Damage illions) |
|--|-------|--------|----------|-----------------|-----|-------------------|-------|-------------------------|
| Laundry room or area | 90 | (2%) | 0 | (2%) | 0 | (1%) | \$1 | (1%) |
| Non-confined | 60 | (1%) | 0 | (2%) | 0 | (1%) | \$1 | (1%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Trash or rubbish chute, area, or container | 80 | (2%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Non-confined | 10 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Confined | 70 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Crawl space or substructure space | 80 | (2%) | 0 | (0%) | 10 | (2%) | \$1 | (1%) |
| Non-confined | 60 | (1%) | 0 | (0%) | 10 | (2%) | \$1 | (1%) |
| Confined | 20 | (0%) | 0 | (0%) | 0 | (1%) | \$0 | (0%) |
| Confined chimney or flue fire | 39 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Other known area of origin | 890 | (18%) | 10 | (12%) | 40 | (11%) | \$17 | (15%) |
| Non-confined | 660 | (13%) | 10 | (12%) | 40 | (10%) | \$17 | (15%) |
| Confined | 240 | (5%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112 | (100%) |
| Non-confined | 3,870 | (78%) | 50 | (100%) | 390 | (98%) | \$112 | (100%) |
| Confined | 1,090 | (22%) | 0 | (0%) | 10 | (2%) | \$0 | (0%) |

Table 10. Home Structure Fires Caused by Playing with Fire by Item First Ignited: 2014–2018 Annual Averages

| Item First Ignited | Fire | es | Civilian Deaths | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|--|------|-------|-----------------|-------|-------------------|-------|---|-------|
| Mattress or bedding | 910 | (18%) | 10 | (27%) | 120 | (30%) | \$32 | (28%) |
| Non-confined | 870 | (18%) | 10 | (27%) | 120 | (30%) | \$32 | (28%) |
| Confined | 40 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Magazine, newspaper, or writing paper | 590 | (12%) | 10 | (14%) | 30 | (8%) | \$10 | (9%) |
| Non-confined | 370 | (8%) | 10 | (14%) | 30 | (8%) | \$10 | (9%) |
| Confined | 210 | (4%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Rubbish, trash, or waste | 420 | (9%) | 0 | (0%) | 10 | (2%) | \$3 | (2%) |
| Non-confined | 170 | (4%) | 0 | (0%) | 10 | (2%) | \$3 | (2%) |
| Confined | 250 | (5%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Clothing | 420 | (8%) | 0 | (3%) | 40 | (10%) | \$9 | (8%) |
| Non-confined | 370 | (7%) | 0 | (3%) | 40 | (10%) | \$9 | (8%) |
| Confined | 50 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Upholstered furniture | 230 | (5%) | 10 | (14%) | 50 | (12%) | \$9 | (8%) |
| Non-confined | 210 | (4%) | 10 | (14%) | 50 | (12%) | \$9 | (8%) |
| Confined | 10 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Multiple items first ignited | 180 | (4%) | 0 | (0%) | 10 | (3%) | \$5 | (4%) |
| Non-confined | 120 | (2%) | 0 | (0%) | 10 | (3%) | \$5 | (4%) |
| Confined | 60 | (1%) | 0 | (0%) | 0 | (1%) | \$0 | (0%) |
| Unclassified furniture or utensils | 180 | (4%) | 10 | (16%) | 10 | (3%) | \$6 | (6%) |
| Non-confined | 160 | (3%) | 10 | (16%) | 10 | (3%) | \$6 | (6%) |
| Confined | 10 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Light vegetation, including grass | 170 | (3%) | 0 | (3%) | 10 | (2%) | \$4 | (3%) |
| Non-confined | 130 | (3%) | 0 | (3%) | 10 | (1%) | \$4 | (3%) |
| Confined | 50 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Box, carton, bag, basket, or barrel | 160 | (3%) | 0 | (0%) | 10 | (4%) | \$3 | (3%) |
| Non-confined | 120 | (2%) | 0 | (0%) | 10 | (3%) | \$3 | (3%) |
| Confined | 50 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Unclassified soft goods or wearing apparel | 150 | (3%) | 0 | (3%) | 10 | (2%) | \$3 | (3%) |
| Non-confined | 130 | (3%) | 0 | (3%) | 10 | (2%) | \$3 | (3%) |
| Confined | 20 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |

Table 10. Home Structure Fires Caused by Playing with Fire by Item First Ignited: 2014–2018 Annual Averages (Continued)

| Item First Ignited | Fir | Fires | | Civilian Deaths | | Injuries | Direct Property Damage (in Millions) | |
|---|-------|--------|----|-----------------|-----|----------|---|--------|
| Unclassified item first ignited | 150 | (3%) | 0 | (5%) | 10 | (2%) | \$3 | (3%) |
| Non-confined | 100 | (2%) | 0 | (5%) | 10 | (2%) | \$3 | (3%) |
| Confined | 40 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Floor covering rug, carpet, or mat | 110 | (2%) | 0 | (0%) | 10 | (2%) | \$2 | (2%) |
| Non-confined | 110 | (2%) | 0 | (0%) | 10 | (2%) | \$2 | (2%) |
| Confined | 10 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Toy or game | 110 | (2%) | 0 | (3%) | 10 | (3%) | \$1 | (1%) |
| Non-confined | 70 | (1%) | 0 | (3%) | 10 | (3%) | \$1 | (1%) |
| Confined | 40 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Curtain, blinds, drapery, or tapestry | 110 | (2%) | 0 | (8%) | 10 | (3%) | \$3 | (2%) |
| Non-confined | 110 | (2%) | 0 | (8%) | 10 | (3%) | \$3 | (2%) |
| Confined | 0 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Flammable or combustible liquid or gas, piping, or filter | 110 | (2%) | 0 | (3%) | 20 | (4%) | \$2 | (2%) |
| Non-confined | 100 | (2%) | 0 | (3%) | 20 | (4%) | \$2 | (2%) |
| Confined | 10 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Linen other than bedding | 90 | (2%) | 0 | (0%) | 10 | (1%) | \$1 | (1%) |
| Non-confined | 80 | (2%) | 0 | (0%) | 10 | (1%) | \$1 | (1%) |
| Confined | 10 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Exterior wall covering or finish | 80 | (2%) | 0 | (0%) | 0 | (0%) | \$2 | (1%) |
| Non-confined | 80 | (2%) | 0 | (0%) | 0 | (0%) | \$2 | (1%) |
| Confined | 0 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Cooking materials, including food | 80 | (2%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Non-confined | 20 | (0%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Confined | 60 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Rolled or wound material | 80 | (2%) | 0 | (0%) | 10 | (1%) | \$1 | (1%) |
| Non-confined | 50 | (1%) | 0 | (0%) | 10 | (1%) | \$1 | (1%) |
| Confined | 30 | (1%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Other known item first ignited | 620 | (12%) | 0 | (3%) | 30 | (7%) | \$13 | (12%) |
| Non-confined | 480 | (10%) | 0 | (3%) | 30 | (6%) | \$13 | (12%) |
| Confined | 140 | (3%) | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Total | 4,960 | (100%) | 50 | (100%) | 400 | (100%) | \$112 | (100%) |
| Non-confined | 3,870 | (78%) | 50 | (100%) | 390 | (98%) | \$112 | (100%) |
| Confined | 1,090 | (22%) | 0 | (0%) | 10 | (2%) | \$0 | (0%) |

Table 11. Playing with Fire in Non-Home Structure Fires Reported to US Fire Departments: 1980–2018

| | | | | | | | illions) | |
|--------------|------------------|---------|------------|---------|--------------|----------|----------|--------|
| Year | Fire | S | Civilian I | njuries | As I | Reported | 2018 Do | ollars |
| 1000 | 16 600 | | 00 | | ¢27 | | | |
| 1980 | 16,600 | | 90 | | \$27 | | | |
| 1981 | 17,700 | | 160 120 | | \$37 | | | |
| 1982 | 14,100 | | | | \$22 | | | |
| 1983 1984 | 11,700 11,100 | | 150 90 | | \$30 \$19 | | | |
| 1985 | 9,300 | | 110 | | \$19 \$26 | | | |
| 1986 | 8,500 | | 100 | | \$20 \$18 | | | |
| 1987 | 8,100 | | 100 | | \$20 | | | |
| 1988 | 7,300 | | 120 | | \$28 | | | |
| 1989 | 5,800 | | 160 | | \$15 | | | |
| 1990 | 4,700 | | 130 | | \$17 | | | |
| 1991 | 5,000 | | 80 | | \$17 \$19 | | | |
| 1992 | 5,500 | | 100 | | \$20 | | | |
| 1993 | 4,800 | | 130 | | \$28 | | | |
| 1994 | 5,500 | | 120 | | \$23 | | | |
| 1995 | 5,100 | | 60 | | \$27 | | | |
| 1996 | 4,300 | | 80 | | \$20 | | | |
| 1997 | 3,100 | | 60 | | \$19 | | | |
| 1998 | 3,600 | | 20 | | \$19 | | | |
| 1999 | 4,700 | (3,000) | 70 | (70) | \$27 | (\$27) | (\$41) | |
| 2000 | 3,800 | (2,900) | 100 | (100) | \$32 | (\$32) | (\$47) | |
| 2001 | 4,900 | (3,600) | 60 | (60) | \$50 | (\$50) | (\$71) | |
| 2002 | 3,700 | (2,800) | 100 | (100) | \$87 | (\$87) | (\$122) | |
| 2003 | 3,700 | (2,300) | 100 | (100) | \$50 | (\$50) | (\$68) | |
| 2004 | 3,200 | (2,000) | 50 | (50) | \$43 | (\$43) | (\$57) | |
| 2005 | 4,900 | (2,100) | 40 | (40) | \$47 | (\$47) | (\$60) | |
| 2006 | 6,000 | (2,300) | 40 | (40) | \$126 | (\$126) | (\$157) | |
| 2007 | 4,900 | (2,400) | 40 | (40) | \$48 | (\$48) | (\$58) | |
| 2008 | 4,500 | (2,300) | 60 | (60) | \$69 | (\$69) | (\$81) | |
| 2009 | 4,100 | (1,900) | 60 | (60) | \$60 | (\$60) | (\$70) | |
| 2010 | 3,500 | (1,600) | 60 | (60) | \$32 | (\$32) | (\$37) | |
| 2011 | 3,500 | (1,600) | 40 | (40) | \$20 | (\$20) | (\$22) | |
| 2012 | 4,000 | (1,800) | 70 | (70) | \$68 | (\$68) | (\$74) | |
| 2013 | 3,500 | (1,500) | 60 | (60) | \$52 | (\$52) | (\$56) | |

Table 11. Playing with Fire in Non-Home Structure Fires Reported to US Fire Departments: 1980–2018 (Continued)

| Year | Direct Property Damage (in Millions) Fires Civilian Injuries As Reported 2018 Dollars | | | | | |
|------|---|-------------------|--------------|-------------|--|--|
| 1001 | 11103 | Civilian Injuries | 115 Reported | 2010 Donary | | |
| 2014 | 3,500 (1,600) | 100 (80) | \$18 (\$18) | (\$19) | | |
| 2015 | 3,300 (1,600) | 20 (20) | \$30 (\$30) | (\$32) | | |
| 2016 | 2,900 (1,500) | 70 (70) | \$58 (\$58) | (\$61) | | |
| 2017 | 3,500 (1,600) | 50 (50) | \$30 (\$27) | (\$31) | | |
| 2018 | 2,500 (1,200) | 10 (10) | \$15 (\$15) | (\$15) | | |

Source: NFIRS and NFPA survey. Estimates for 1999–2018 are based on data originally collected in NFIRS 5.0 only. Due to the smaller share of NFIRS data collected in 1999–2001, statistics for these years should be viewed with caution. Inflation adjustments were based on the Consumer Price Index Purchasing Power of the Dollar Numbers in parentheses exclude fires reported as a "confined fire" incident type.

15

Table 12. Non-Home Structure Fires Caused by Playing with Fire by Age of Fire Setter: 2014-2018 Annual Averages

| Age of Fire Setter | Fires | Civilian Injuries | Direct Property Damage (in Millions) |
|--------------------|--------------|-------------------|---|
| 5 years or younger | 280 (9%) | 10 (27%) | \$2 (7%) |
| 6 to 10 years | 1,220 (39%) | 30 (51%) | \$10 (32%) |
| 11 to 17 years | 1,610 (51%) | 10 (22%) | \$18 (60%) |
| 18 and older | 40 (1%) | 0 (0%) | \$0 (0%) |
| Total | 3,140 (100%) | 50 (100%) | \$30 (100%) |

Table 13. Non-Home Structure Fire Caused by Playing with Fire by Sex of Fire Setter: 2014–2018 Annual Averages

| Sex of Fire Setter | Fires | Civilian Injuries | Direct Property Damage (in Millions) |
|--------------------|--------------|-------------------|---|
| Male | 2,760 (88%) | 40 (71%) | \$29 (96%) |
| Female | 380 (12%) | 10 (29%) | \$1 (4%) |
| Total | 3,140 (100%) | 50 (100%) | \$30 (100%) |

Source: NFIRS and NFPA fire experience survey.

Table 14. Non-Home Structure Fires Caused by Playing with Fire by Month: 2014–2018 Annual Averages

| Month | Fi | Fires | | Civilian Injuries | | erty Damage Illions) |
|-----------|-------|--------|----|-------------------|------|-------------------------|
| January | 250 | (8%) | 0 | (0%) | \$2 | (6%) |
| February | 220 | (7%) | 10 | (11%) | \$1 | (3%) |
| March | 300 | (9%) | 0 | (7%) | \$1 | (5%) |
| April | 320 | (10%) | 0 | (9%) | \$2 | (5%) |
| May | 290 | (9%) | 10 | (10%) | \$3 | (9%) |
| June | 270 | (9%) | 0 | (2%) | \$5 | (18%) |
| July | 340 | (11%) | 10 | (26%) | \$2 | (8%) |
| August | 210 | (7%) | 0 | (6%) | \$7 | (23%) |
| September | 230 | (7%) | 10 | (12%) | \$1 | (4%) |
| October | 240 | (8%) | 0 | (5%) | \$1 | (4%) |
| November | 240 | (8%) | 0 | (6%) | \$3 | (9%) |
| December | 230 | (7%) | 0 | (8%) | \$2 | (7%) |
| Total | 3,140 | (100%) | 50 | (100%) | \$30 | (100%) |

Table 15. Non-Home Structure Fires Caused by Playing with Fire by Time of Day: 2014–2018 Annual Averages

| Time of Day | Fir | Fires | | Civilian Injuries | | erty Damage illions) |
|---------------------|-------|--------|----|-------------------|------|-------------------------|
| Midnight–12:59 a.m. | 70 | (2%) | 0 | (0%) | \$1 | (4%) |
| 1:00–1:59 a.m. | 50 | (1%) | 0 | (0%) | \$0 | (1%) |
| 2:00–2:59 a.m. | 40 | (1%) | 0 | (0%) | \$0 | (1%) |
| 3:00–3:59 a.m. | 50 | (2%) | 10 | (18%) | \$1 | (4%) |
| 4:00–4:59 a.m. | 30 | (1%) | 2 | (4%) | \$1 | (2%) |
| 5:00–5:59 a.m. | 30 | (1%) | 0 | (0%) | \$0 | (0%) |
| 6:00–6:59 a.m. | 40 | (1%) | 0 | (0%) | \$1 | (3%) |
| 7:00–7:59 a.m. | 50 | (2%) | 0 | (5%) | \$0 | (1%) |
| 8:00–8:59 a.m. | 100 | (3%) | 0 | (0%) | \$0 | (2%) |
| 9:00–9:59 a.m. | 120 | (4%) | 0 | (9%) | \$0 | (1%) |
| 10:00–10:59 a.m. | 170 | (5%) | 0 | (3%) | \$0 | (1%) |
| 11:00–11:59 a.m. | 170 | (5%) | 0 | (4%) | \$1 | (2%) |
| 12:00–12:59 p.m. | 200 | (6%) | 10 | (10%) | \$2 | (7%) |
| 1:00–1:59 p.m. | 210 | (7%) | 0 | (6%) | \$0 | (1%) |
| 2:00–2:59 p.m. | 220 | (7%) | 0 | (4%) | \$1 | (2%) |
| 3:00–3:59 p.m. | 200 | (6%) | 0 | (4%) | \$2 | (6%) |
| 4:00–4:59 p.m. | 240 | (8%) | 0 | (5%) | \$3 | (9%) |
| 5:00–5:59 p.m. | 240 | (8%) | 0 | (9%) | \$5 | (18%) |
| 6:00–6:59 p.m. | 190 | (6%) | 0 | (9%) | \$5 | (17%) |
| 7:00–7:59 p.m. | 200 | (6%) | 0 | (5%) | \$1 | (3%) |
| 8:00–8:59 p.m. | 160 | (5%) | 0 | (3%) | \$1 | (4%) |
| 9:00–9:59 p.m. | 140 | (4%) | 0 | (0%) | \$2 | (5%) |
| 10:00–10:59 p.m. | 110 | (3%) | 0 | (0%) | \$0 | (2%) |
| 11:00–11:59 p.m. | 110 | (4%) | 0 | (1%) | \$1 | (3%) |
| Total | 3,140 | (100%) | 50 | (100%) | \$30 | (100%) |

Table 16. Non-Home Structure Fires Caused by Playing with Fire by Day of Week: 2014–2018 Annual Averages

| Day of the Week | Fir | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | | |
|-----------------|-------|--------|----|-------------------|------|---|--|--|
| Sunday | 430 | (14%) | 0 | (1%) | \$3 | (11%) | | |
| Monday | 480 | (15%) | 0 | (9%) | \$8 | (25%) | | |
| Tuesday | 420 | (13%) | 10 | (13%) | \$2 | (7%) | | |
| Wednesday | 510 | (16%) | 20 | (41%) | \$6 | (20%) | | |
| Thursday | 410 | (13%) | 0 | (3%) | \$5 | (16%) | | |
| Friday | 460 | (15%) | 10 | (23%) | \$2 | (8%) | | |
| Saturday | 440 | (14%) | 10 | (11%) | \$4 | (13%) | | |
| Total | 3,140 | (100%) | 50 | (100%) | \$30 | (100%) | | |

Table 17. Non-Home Structure Fires Caused by Playing with Fire by Heat Source: 2014–2018 Annual Averages

| Heat Source | Fires | | Civilian Injuries | | Direct Property Damago (in Millions) | |
|---------------------------------------|-------|--------|-------------------|--------|---|--------|
| Lighter | 1,490 | (47%) | 20 | (34%) | \$19 | (62%) |
| Non-confined | 820 | (26%) | 20 | (34%) | \$18 | (59%) |
| Confined | 670 | (21%) | 0 | (0%) | \$1 | (3%) |
| Match | 630 | (20%) | 10 | (20%) | \$5 | (16%) |
| Non-confined | 220 | (7%) | 10 | (20%) | \$5 | (16%) |
| Confined | 410 | (13%) | 0 | (0%) | \$0 | (0%) |
| Fireworks | 180 | (6%) | 10 | (24%) | \$1 | (4%) |
| Non-confined | 100 | (3%) | 10 | (24%) | \$1 | (4%) |
| Confined | 80 | (3%) | 0 | (0%) | \$0 | (0%) |
| Smoking materials | 160 | (5%) | 0 | (5%) | \$1 | (3%) |
| Non-confined | 30 | (1%) | 0 | (1%) | \$1 | (3%) |
| Confined | 130 | (4%) | 0 | (3%) | \$0 | (0%) |
| Unclassified heat source | 110 | (3%) | 0 | (0%) | \$1 | (2%) |
| Non-confined | 40 | (1%) | 0 | (0%) | \$1 | (2%) |
| Confined | 70 | (2%) | 0 | (0%) | \$0 | (0%) |
| Unclassified hot or smoldering object | 110 | (3%) | 0 | (4%) | \$0 | (1%) |
| Non-confined | 40 | (1%) | 0 | (4%) | \$0 \$0 | (1%) |
| Confined | 60 | (2%) | 0 | (0%) | \$0 | (0%) |
| Flame or torch used for lighting | 100 | (3%) | 0 | (4%) | \$2 | (7%) |
| Non-confined | 50 | (2%) | 0 | (4%) | \$2 | (7%) |
| Confined | 40 | (1%) | 0 | (0%) | \$0 | (0%) |
| Hot ember or ash | 80 | (3%) | 0 | (0%) | \$0 | (1%) |
| Non-confined | 40 | (1%) | 0 | (0%) | \$0 | (1%) |
| Confined | 40 | (1%) | 0 | (0%) | \$0 | (0%) |
| Incendiary device | 60 | (2%) | 0 | (4%) | \$0 | (0%) |
| Non-confined | 20 | (1%) | 0 | (4%) | \$0 | (0%) |
| Confined | 40 | (1%) | 0 | (0%) | \$0 | (0%) |
| Other known heat source | 230 | (7%) | 0 | (4%) | \$1 | (4%) |
| Non-confined | 150 | (5%) | 0 | (1%) | \$1 | (4%) |
| Confined | 90 | (3%) | 0 | (3%) | \$0 | (0%) |
| Total | 3,140 | (100%) | 50 | (100%) | \$30 | (100%) |
| Non-confined | 1,500 | (48%) | 50 | (94%) | \$29 | (97%) |
| Confined | 1,640 | (52%) | 0 | (6%) | \$1 | (3%) |

Table 18. Non-Home Structure Fires Caused by Playing with Fire by Area of Origin: 2014–2018 Annual Averages

| Area of Origin | Fires | | Civilian | Civilian Injuries | | rty Damage lions) |
|--|------------|--------|----------|-------------------|------------|----------------------|
| Lavatory, bathroom, or locker | 520 | (220/) | | (00 () | Φ.1 | (20/) |
| room | 730 | (23%) | 0 | (9%) | \$1 | (3%) |
| Non-confined | 300 | (10%) | 0 | (9%) | \$1 | (3%) |
| Confined | 420 | (14%) | 0 | (0%) | \$0 | (0%) |
| Unclassified outside area | 450 | (14%) | 0 | (1%) | \$0 | (2%) |
| Non-confined | 80 | (3%) | 0 | (1%) | \$0 | (2%) |
| Confined On or near highway, public way, or street | 180 | (6%) | 0 | (0%) | \$0 \$0 | (0%) |
| Non-confined | 10 | (0%) | 0 | (0%) | \$0 | (0%) |
| Confined | 170 | (5%) | 0 | (0%) | \$0 | (0%) |
| Bedroom | 160 | (5%) | 10 | (25%) | \$2 | (6%) |
| Non-confined | 110 | (4%) | 10 | (19%) | \$2 | (6%) |
| Confined | 40 | (1%) | 0 | (6%) | \$0 | (0%) |
| Lawn, field, or open area | 150 | (5%) | 0 | (0%) | \$0 | (1%) |
| Non-confined | 30 | (1%) | 0 | (0%) | \$0 | (1%) |
| Confined | 120 | (4%) | 0 | (0%) | \$0 | (0%) |
| Trash or rubbish chute, area, or container | 150 | (5%) | 0 | (0%) | \$0 | (0%) |
| Non-confined | 10 | (0%) | 0 | (0%) | \$0 | (0%) |
| Confined | 140 | (5%) | 0 | (0%) | \$0 | (0%) |
| Unclassified storage area | 130 | (4%) | 0 | (0%) | \$3 | (9%) |
| Non-confined | 110 | (4%) | 0 | (0%) | \$3 | (9%) |
| Confined | 20 | (1%) | 0 | (0%) | \$0 | (0%) |
| Garage or vehicle storage area | 130 | (4%) | 0 | (5%) | \$2 | (5%) |
| Non-confined | 110 | (4%) | 0 | (5%) | \$2 | (5%) |
| Confined | 20 | (1%) | 0 | (0%) | \$0 | (0%) |
| Unclassified area of origin | 90 | (3%) | 0 | (5%) | \$0 | (2%) |
| Non-confined | 40 | (1%) | 0 | (5%) | \$0 | (2%) |
| Confined | 40 | (1%) | 0 | (0%) | \$0 | (0%) |
| Storage of supplies or tools or dead storage | 80 | (2%) | 0 | (1%) | \$2 | (8%) |
| Non-confined | 70 | (2%) | 0 | (1%) | \$2 | (8%) |
| Confined | 10 | (0%) | 0 | (0%) | \$0 | (0%) |

Table 18. Non-Home Structure Fires Caused by Playing with Fire by Area of Origin: 2014–2018 Annual Averages (Continued)

| Area of Origin | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|----------------------------------|-------|--------|-------------------|--------|---|--------|
| Exterior wall surface | 70 | (2%) | 0 | (0%) | \$1 | (3%) |
| Non-confined | 70 | (2%) | 0 | (0%) | \$1 | (3%) |
| Confined | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Storage room, area, tank, or bin | 60 | (2%) | 0 | (0%) | \$0 | (1%) |
| Non-confined | 40 | (1%) | 0 | (0%) | \$0 | (1%) |
| Confined | 10 | (0%) | 0 | (0%) | \$0 | (0%) |
| Vacant structural area | 60 | (2%) | 2 | (3%) | \$5 | (15%) |
| Non-confined | 40 | (1%) | 2 | (3%) | \$5 | (15%) |
| Confined | 10 | (0%) | 0 | (0%) | \$0 | (0%) |
| Other known area of origin | 710 | (23%) | 30 | (50%) | \$14 | (46%) |
| Non-confined | 460 | (15%) | 30 | (50%) | \$13 | (43%) |
| Confined | 250 | (8%) | 0 | (0%) | \$1 | (3%) |
| | | | | | | |
| Total | 3,140 | (100%) | 50 | (100%) | \$30 | (100%) |
| Non-confined | 1,500 | (48%) | 50 | (94%) | \$29 | (97%) |
| Confined | 1,640 | (52%) | 0 | (6%) | \$1 | (3%) |

Table 19. Non-Home Structure Fires Caused by Playing with Fire by Item First Ignited: 2014–2018 Annual Averages

| Item First Ignited | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|--|-------|-------|-------------------|-------|---|-------|
| Rubbish, trash, or waste | 840 | (27%) | 0 | (5%) | \$7 | (25%) |
| Non-confined | 140 | (4%) | 0 | (5%) | \$7 | (24%) |
| Confined | 700 | (22%) | 0 | (0%) | \$0 | (0%) |
| Magazine, newspaper, or writing paper | 390 | (12%) | 0 | (3%) | \$2 | (8%) |
| Non-confined | 170 | (5%) | 0 | (0%) | \$2 | (8%) |
| Confined | 220 | (7%) | 0 | (3%) | \$0 | (0%) |
| Rolled or wound material | 240 | (8%) | 0 | (5%) | \$1 | (2%) |
| Non-confined | 130 | (4%) | 0 | (5%) | \$1 | (2%) |
| Confined | 110 | (4%) | 0 | (0%) | \$0 | (0%) |
| Light vegetation, including grass | 190 | (6%) | 0 | (0%) | \$0 | (1%) |
| Non-confined | 100 | (3%) | 0 | (0%) | \$0 | (1%) |
| Confined | 90 | (3%) | 0 | (0%) | \$0 | (0%) |
| Mattress or bedding | 160 | (5%) | 10 | (18%) | \$2 | (5%) |
| Non-confined | 100 | (3%) | 10 | (18%) | \$2 | (5%) |
| Confined | 50 | (2%) | 0 | (0%) | \$0 | (0%) |
| Unclassified item first ignited | 120 | (4%) | 0 | (0%) | \$1 | (3%) |
| Non-confined | 80 | (3%) | 0 | (0%) | \$1 | (3%) |
| Confined | 40 | (1%) | 0 | (0%) | \$0 | (0%) |
| Flammable or combustible liquid or gas, piping, or filter | 110 | (3%) | 0 | (6%) | \$1 | (2%) |
| Non-confined | 80 | (3%) | 0 | (6%) | \$1 | (2%) |
| Confined | 30 | (1%) | 0 | (0%) | \$0 | (0%) |
| Multiple items first ignited | 100 | (3%) | 0 | (4%) | \$2 | (5%) |
| Non-confined | 60 | (2%) | 0 | (4%) | \$2 | (5%) |
| Confined | 40 | (1%) | 0 | (0%) | \$0 | (0%) |
| Box, carton, bag, basket, or barrel | 90 | (3%) | 0 | (0%) | \$1 | (3%) |
| Non-confined | 50 | (2%) | 0 | (0%) | \$1 | (3%) |
| Confined | 40 | (1%) | 0 | (0%) | \$0 | (0%) |
| Clothing | 80 | (2%) | 10 | (16%) | \$2 | (6%) |
| Non-confined | 50 | (2%) | 10 | (12%) | \$1 | (3%) |
| Confined | 30 | (1%) | 0 | (3%) | \$1 | (3%) |

Table 19. Home Structure Fires Caused by Playing with Fire by Item First Ignited: 2014–2018 Annual Averages (Continued)

| Item First Ignited | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|------------------------------------|-------|--------|-------------------|--------|---|--------|
| Upholstered furniture | 80 | (2%) | 0 | (0%) | \$1 | (3%) |
| Non-confined | 50 | (1%) | 0 | (0%) | \$1 | (3%) |
| Confined | 30 | (1%) | 0 | (0%) | \$0 | (0%) |
| Unclassified furniture or utensils | 70 | (2%) | 0 | (0%) | \$0 | (1%) |
| Non-confined | 40 | (1%) | 0 | (0%) | \$0 | (1%) |
| Confined | 30 | (1%) | 0 | (0%) | \$0 | (0%) |
| Exterior wall covering or finish | 60 | (2%) | 0 | (0%) | \$0 | (2%) |
| Non-confined | 60 | (2%) | 0 | (0%) | \$0 | (2%) |
| Confined | 0 | (0%) | 0 | (0%) | \$0 | (0%) |
| Other known item first ignited | 610 | (20%) | 20 | (43%) | \$10 | (34%) |
| Non-confined | 390 | (12%) | 20 | (43%) | \$10 | (34%) |
| Confined | 220 | (7%) | 0 | (0%) | \$0 | (0%) |
| | | | | | | |
| Total | 3,140 | (100%) | 50 | (100%) | \$30 | (100%) |
| Non-confined | 1,500 | (48%) | 50 | (94%) | \$29 | (97%) |
| Confined | 1,640 | (52%) | 0 | (6%) | \$1 | (3%) |