

Playing with Fire: Non-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. Fires, deaths and injuries are rounded to the nearest 10, and property loss has been rounded to the nearest million dollars. Inflation adjustments were made only for the trend table. Percentages were calculated on unrounded estimates.

The estimates include the 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 Fires](#).

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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](https://www.nfpa.org/research).

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Table 1. Fires Caused by Playing with Fire by Incident Type: 2014–2018 Annual Averages

| Incident Type | Fires | | Civilian Deaths | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|----------------|--------|--------|-----------------|--------|-------------------|--------|--------------------------------------|--------|
| Non-structures | 22,360 | (73%) | 0 | (0%) | 60 | (11%) | \$62 | (30%) |
| Structures | 8,100 | (27%) | 50 | (100%) | 450 | (89%) | \$143 | (70%) |
| Total | 30,460 | (100%) | 50 | (100%) | 510 | (100%) | \$205 | (100%) |

Source: NFIRS and NFPA fire experience survey.

Table 2. Non-Structure Fires Caused by Playing with Fire by Incident Type: 2014–2018 Annual Averages

| Incident Type | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---------------------------|--------|--------|-------------------|--------|--------------------------------------|--------|
| Outside or unclassified | 12,410 | (56%) | 50 | (79%) | \$54 | (88%) |
| Outside trash and rubbish | 9,440 | (42%) | 10 | (9%) | \$5 | (8%) |
| Vehicles | 510 | (2%) | 10 | (12%) | \$3 | (4%) |
| Total | 22,360 | (100%) | 60 | (100%) | \$62 | (100%) |

Source: NFIRS and NFPA fire experience survey.

Table 3. Outside and Unclassified 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 | 700 | (2%) | 0 | (6%) | \$2 | (3%) |
| 6 to 10 years | 5,450 | (41%) | 20 | (36%) | \$19 | (34%) |
| 11 to 17 years | 5,790 | (55%) | 30 | (58%) | \$32 | (59%) |
| 18 and older | 470 | (2%) | 0 | (0%) | \$2 | (4%) |
| Total | 12,410 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

Table 4. Outside and Unclassified Fires 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 | 11,340 | (91%) | 40 | (91%) | \$51 | (93%) |
| Female | 1,070 | (9%) | 0 | (9%) | \$4 | (7%) |
| Total | 12,140 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

Table 5. Outside and Unclassified Fires Caused by Playing with Fire by Month: 2014-2018 Annual Averages

| Month | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|--------------|---------------|---------------|-------------------|---------------|---|---------------|
| | Count | (%) | Count | (%) | Count | (%) |
| January | 930 | (7%) | 0 | (7%) | \$0 | (0%) |
| February | 830 | (7%) | 0 | (11%) | \$0 | (0%) |
| March | 1,220 | (10%) | 0 | (4%) | \$1 | (1%) |
| April | 1,250 | (10%) | 10 | (18%) | \$1 | (1%) |
| May | 1,000 | (8%) | 0 | (9%) | \$0 | (1%) |
| June | 1,110 | (9%) | 10 | (11%) | \$42 | (78%) |
| July | 2,990 | (24%) | 10 | (14%) | \$4 | (8%) |
| August | 720 | (6%) | 0 | (6%) | \$2 | (3%) |
| September | 540 | (4%) | 0 | (4%) | \$2 | (3%) |
| October | 630 | (5%) | 0 | (3%) | \$1 | (1%) |
| November | 650 | (5%) | 0 | (4%) | \$0 | (1%) |
| December | 520 | (4%) | 0 | (9%) | \$1 | (2%) |
| Total | 12,410 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 6. Outside and Unclassified Fires Caused by Playing with Fire by Time of Day:
2014–2018 Annual Averages**

| Time of Day | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---------------------|---------------|---------------|-------------------|---------------|---|---------------|
| | Count | (%) | Count | (%) | Count | (%) |
| Midnight–12:59 a.m. | 270 | (2%) | 0 | (3%) | \$0 | (0%) |
| 1:00–1:59 a.m. | 150 | (1%) | 0 | (2%) | \$0 | (0%) |
| 2:00–2:59 a.m. | 90 | (1%) | 0 | (0%) | \$0 | (0%) |
| 3:00–3:59 a.m. | 80 | (1%) | 0 | (1%) | \$0 | (0%) |
| 4:00–4:59 a.m. | 40 | (0%) | 0 | (1%) | \$0 | (0%) |
| 5:00–5:59 a.m. | 50 | (0%) | 0 | (0%) | \$0 | (0%) |
| 6:00–6:59 a.m. | 60 | (0%) | 0 | (0%) | \$0 | (0%) |
| 7:00–7:59 a.m. | 80 | (1%) | 0 | (0%) | \$0 | (0%) |
| 8:00–8:59 a.m. | 100 | (1%) | 0 | (2%) | \$0 | (0%) |
| 9:00–9:59 a.m. | 140 | (1%) | 0 | (2%) | \$0 | (0%) |
| 10:00–10:59 a.m. | 230 | (2%) | 0 | (6%) | \$0 | (0%) |
| 11:00–11:59 a.m. | 380 | (3%) | 0 | (4%) | \$0 | (1%) |
| 12:00–12:59 p.m. | 550 | (4%) | 0 | (7%) | \$0 | (1%) |
| 1:00–1:59 p.m. | 740 | (6%) | 0 | (5%) | \$2 | (4%) |
| 2:00–2:59 p.m. | 1,010 | (8%) | 0 | (6%) | \$2 | (4%) |
| 3:00–3:59 p.m. | 1,130 | (9%) | 0 | (10%) | \$2 | (3%) |
| 4:00–4:59 p.m. | 1,350 | (11%) | 0 | (9%) | \$41 | (76%) |
| 5:00–5:59 p.m. | 1,330 | (11%) | 0 | (11%) | \$1 | (2%) |
| 6:00–6:59 p.m. | 1,090 | (9%) | 0 | (5%) | \$2 | (3%) |
| 7:00–7:59 p.m. | 890 | (7%) | 0 | (8%) | \$1 | (1%) |
| 8:00–8:59 p.m. | 750 | (6%) | 0 | (6%) | \$1 | (1%) |
| 9:00–9:59 p.m. | 840 | (7%) | 0 | (3%) | \$0 | (1%) |
| 10:00–10:59 p.m. | 640 | (5%) | 0 | (8%) | \$1 | (2%) |
| 11:00–11:59 p.m. | 400 | (3%) | 0 | (1%) | \$0 | (0%) |
| Total | 12,410 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 7. Outside and Unclassified Fires Caused by Playing with Fire by Day of Week:
2014–2018 Annual Averages**

| Day of Week | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|-------------|--------|--------|-------------------|--------|---|--------|
| Sunday | 2,090 | (17%) | 10 | (15%) | \$1 | (2%) |
| Monday | 1,780 | (14%) | 10 | (17%) | \$2 | (3%) |
| Tuesday | 1,610 | (13%) | 10 | (12%) | \$1 | (2%) |
| Wednesday | 1,630 | (13%) | 10 | (15%) | \$3 | (5%) |
| Thursday | 1,380 | (11%) | 10 | (14%) | \$1 | (2%) |
| Friday | 1,680 | (14%) | 0 | (7%) | \$43 | (79%) |
| Saturday | 2,240 | (18%) | 10 | (20%) | \$4 | (7%) |
| Total | 12,410 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 8. Outside and Unclassified Fires Caused by Playing with Fire by Heat Source:
2014–2018 Annual Averages**

| Heat Source | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---------------------------------------|--------|--------|-------------------|--------|---|--------|
| Lighter | 4,030 | (32%) | 30 | (58%) | \$31 | (57%) |
| Fireworks | 3,760 | (30%) | 0 | (9%) | \$2 | (4%) |
| Match | 1,700 | (14%) | 0 | (10%) | \$15 | (27%) |
| Unclassified fireworks or explosives | 490 | (4%) | 0 | (0%) | \$0 | (1%) |
| Hot ember or ash | 410 | (3%) | 0 | (0%) | \$0 | (0%) |
| Unclassified hot or smoldering object | 330 | (3%) | 0 | (1%) | \$0 | (0%) |
| Unclassified heat source | 300 | (2%) | 0 | (1%) | \$1 | (1%) |
| Flame or torch used for lighting | 280 | (2%) | 0 | (2%) | \$1 | (2%) |
| Smoking materials | 260 | (2%) | 0 | (1%) | \$0 | (1%) |
| Incendiary device | 200 | (2%) | 0 | (2%) | \$2 | (3%) |
| Other known heat source | 650 | (5%) | 10 | (16%) | \$2 | (3%) |
| Total | 12,410 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 9. Outside and Unclassified Fires Caused by Playing with Fire by Area of Origin:
2014–2018 Annual Averages**

| Area of Origin | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---|---------------|---------------|--------------------------|---------------|---|---------------|
| Unclassified vegetation area | 3,190 | (26%) | 10 | (14%) | \$5 | (9%) |
| Lawn, field, or open area | 2,970 | (24%) | 10 | (23%) | \$3 | (6%) |
| Unclassified outside area | 2,510 | (20%) | 10 | (11%) | \$2 | (4%) |
| Wildland area or woods | 1,270 | (10%) | 0 | (8%) | \$0 | (0%) |
| On or near highway, public way, or street | 550 | (4%) | 0 | (0%) | \$0 | (0%) |
| Courtyard, terrace, or patio | 290 | (2%) | 10 | (13%) | \$0 | (0%) |
| Other known area of origin | 1,320 | (11%) | 10 | (23%) | \$43 | (79%) |
| Unclassified area of origin | 310 | (2%) | 0 | (8%) | \$0 | (1%) |
| Total | 12,410 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 10. Outside and Unclassified 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) | |
|---|---------------|---------------|--------------------------|---------------|---|---------------|
| Light vegetation, including grass | 7,340 | (59%) | 10 | (19%) | \$1 | (2%) |
| Heavy vegetation, including trees | 950 | (8%) | 0 | (0%) | \$1 | (1%) |
| Unclassified organic materials | 650 | (5%) | 0 | (1%) | \$0 | (1%) |
| Unclassified item first ignited | 490 | (4%) | 0 | (2%) | \$1 | (3%) |
| Magazine, newspaper, or writing paper | 460 | (4%) | 0 | (1%) | \$2 | (3%) |
| Flammable or combustible liquid or gas, piping, or filter | 340 | (3%) | 20 | (42%) | \$0 | (0%) |
| Rubbish, trash, or waste | 340 | (3%) | 0 | (0%) | \$0 | (0%) |
| Other known item first ignited | 1,850 | (15%) | 20 | (35%) | \$48 | (89%) |
| Total | 12,410 | (100%) | 50 | (100%) | \$54 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 11. Outside Trash or Rubbish 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 | 220 | (2%) | 0 | (0%) | \$0 | (0%) |
| 6 to 10 years | 3,910 | (41%) | 0 | (100%) | \$3 | (54%) |
| 11 to 17 years | 5,160 | (55%) | 0 | (0%) | \$2 | (46%) |
| 18 and older | 140 | (2%) | 0 | (0%) | \$0 | (0%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$5 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 12. Outside Trash or Rubbish Fires 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 | 8,320 | (88%) | 0 | (79%) | \$6 | (88%) |
| Female | 1,120 | (12%) | 0 | (9%) | \$0 | (8%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$6 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 13. Outside Trash or Rubbish Fires Caused by Playing with Fire by Month:
2014–2018 Annual Averages**

| Month | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|-----------|-------|--------|-------------------|--------|--------------------------------------|--------|
| January | 660 | (7%) | 0 | (0%) | \$0 | (2%) |
| February | 570 | (6%) | 0 | (42%) | \$0 | (0%) |
| March | 650 | (7%) | 0 | (0%) | \$0 | (6%) |
| April | 790 | (8%) | 0 | (31%) | \$0 | (3%) |
| May | 1,150 | (12%) | 0 | (0%) | \$2 | (44%) |
| June | 870 | (9%) | 0 | (0%) | \$0 | (2%) |
| July | 1,460 | (15%) | 0 | (0%) | \$1 | (18%) |
| August | 820 | (9%) | 0 | (13%) | \$0 | (6%) |
| September | 740 | (8%) | 0 | (15%) | \$0 | (1%) |
| October | 660 | (7%) | 0 | (0%) | \$1 | (12%) |
| November | 550 | (6%) | 0 | (0%) | \$0 | (1%) |
| December | 530 | (6%) | 0 | (0%) | \$0 | (5%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$5 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 14 Outside Trash or Rubbish Fires Caused by Playing with Fire by Time of Day:
2014–2018 Annual Averages**

| Time of Day | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---------------------|--------------|---------------|--------------------------|---------------|---|---------------|
| Midnight–12:59 a.m. | 370 | (4%) | 0 | (0%) | \$0 | (1%) |
| 1:00–1:59 a.m. | 240 | (3%) | 0 | (0%) | \$0 | (0%) |
| 2:00–2:59 a.m. | 160 | (2%) | 0 | (0%) | \$0 | (1%) |
| 3:00–3:59 a.m. | 190 | (2%) | 0 | (0%) | \$0 | (1%) |
| 4:00–4:59 a.m. | 110 | (1%) | 0 | (0%) | \$0 | (0%) |
| 5:00–5:59 a.m. | 110 | (1%) | 0 | (0%) | \$0 | (1%) |
| 6:00–6:59 a.m. | 100 | (1%) | 0 | (18%) | \$2 | (49%) |
| 7:00–7:59 a.m. | 120 | (1%) | 0 | (0%) | \$0 | (0%) |
| 8:00–8:59 a.m. | 130 | (1%) | 0 | (0%) | \$0 | (0%) |
| 9:00–9:59 a.m. | 140 | (1%) | 0 | (0%) | \$0 | (0%) |
| 10:00–10:59 a.m. | 220 | (2%) | 0 | (0%) | \$0 | (0%) |
| 11:00–11:59 a.m. | 210 | (2%) | 0 | (0%) | \$0 | (0%) |
| 12:00–12:59 p.m. | 240 | (3%) | 0 | (0%) | \$0 | (1%) |
| 1:00–1:59 p.m. | 410 | (4%) | 0 | (0%) | \$0 | (1%) |
| 2:00–2:59 p.m. | 440 | (5%) | 0 | (0%) | \$0 | (3%) |
| 3:00–3:59 p.m. | 490 | (5%) | 0 | (0%) | \$0 | (1%) |
| 4:00–4:59 p.m. | 770 | (8%) | 0 | (15%) | \$0 | (2%) |
| 5:00–5:59 p.m. | 760 | (8%) | 0 | (42%) | \$1 | (24%) |
| 6:00–6:59 p.m. | 860 | (9%) | 0 | (0%) | \$0 | (5%) |
| 7:00–7:59 p.m. | 940 | (10%) | 0 | (13%) | \$0 | (3%) |
| 8:00–8:59 p.m. | 750 | (8%) | 0 | (13%) | \$0 | (1%) |
| 9:00–9:59 p.m. | 680 | (7%) | 0 | (0%) | \$0 | (2%) |
| 10:00–10:59 p.m. | 600 | (6%) | 0 | (0%) | \$0 | (2%) |
| 11:00–11:59 p.m. | 380 | (4%) | 0 | (0%) | \$0 | (2%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$5 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 15. Outside Trash or Rubbish Fires Caused by Playing with Fire by Day of Week:
2014–2018 Annual Averages**

| Day of Week | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|--------------------|--------------|---------------|--------------------------|---------------|---|---------------|
| Sunday | 1,570 | (17%) | 0 | (0%) | \$3 | (58%) |
| Monday | 1,440 | (15%) | 0 | (0%) | \$0 | (4%) |
| Tuesday | 1,200 | (13%) | 0 | (0%) | \$0 | (3%) |
| Wednesday | 1,250 | (13%) | 0 | (0%) | \$0 | (8%) |
| Thursday | 1,180 | (12%) | 0 | (0%) | \$0 | (5%) |
| Friday | 1,230 | (13%) | 0 | (33%) | \$0 | (6%) |
| Saturday | 1,570 | (17%) | 0 | (67%) | \$1 | (16%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$5 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 16. Outside Trash or Rubbish Fires Caused by Playing with Heat Source:
2014–2018 Annual Averages**

| Heat Source | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---------------------------------------|--------------|---------------|--------------------------|---------------|---|---------------|
| Lighter | 3,820 | (40%) | 0 | (46%) | \$2 | (47%) |
| Match | 2,010 | (21%) | 0 | (54%) | \$0 | (5%) |
| Smoking materials | 860 | (9%) | 0 | (0%) | \$0 | (1%) |
| Fireworks | 820 | (9%) | 0 | (0%) | \$2 | (34%) |
| Unclassified hot or smoldering object | 440 | (5%) | 0 | (0%) | \$0 | (1%) |
| Flame or torch used for lighting | 300 | (3%) | 0 | (0%) | \$0 | (3%) |
| Unclassified heat source | 290 | (3%) | 0 | (0%) | \$0 | (3%) |
| Hot ember or ash | 280 | (3%) | 0 | (0%) | \$0 | (1%) |
| Unclassified fireworks or explosives | 150 | (2%) | 0 | (0%) | \$0 | (1%) |
| Other known heat source | 470 | (5%) | 0 | (0%) | \$0 | (5%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$5 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 17. Outside Trash or Rubbish Fires Caused by Playing with Fire by Area of Origin:
2014–2018 Annual Averages**

| Area of Origin | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|--|--------------|---------------|--------------------------|---------------|---|---------------|
| Unclassified outside area | 3,810 | (40%) | 0 | (15%) | \$1 | (12%) |
| On or near highway, public way, or street | 1,610 | (17%) | 0 | (0%) | \$2 | (45%) |
| Lawn, field, or open area | 1,430 | (15%) | 0 | (13%) | \$1 | (14%) |
| Trash or rubbish chute, area, or container | 760 | (8%) | 0 | (13%) | \$0 | (3%) |
| Courtyard, terrace, or patio | 350 | (4%) | 0 | (42%) | \$0 | (0%) |
| Wildland area or woods | 290 | (3%) | 0 | (0%) | \$0 | (0%) |
| Unclassified area of origin | 260 | (3%) | 0 | (0%) | \$0 | (6%) |
| Other known area of origin | 930 | (10%) | 0 | (18%) | \$1 | (19%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$5 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 18. Outside Trash or Rubbish 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 | 4,010 | (43%) | 0 | (60%) | \$0 | (9%) |
| Light vegetation, including grass | 940 | (10%) | 0 | (0%) | \$0 | (4%) |
| Magazine, newspaper, or writing paper | 910 | (10%) | 0 | (0%) | \$1 | (14%) |
| Multiple items first ignited | 380 | (4%) | 0 | (0%) | \$0 | (1%) |
| Upholstered furniture | 360 | (4%) | 0 | (0%) | \$0 | (1%) |
| Box, carton, bag, basket, or barrel | 330 | (3%) | 0 | (0%) | \$0 | (1%) |
| Unclassified organic materials | 280 | (3%) | 0 | (0%) | \$0 | (0%) |
| Mattress or bedding | 250 | (3%) | 0 | (15%) | \$0 | (0%) |
| Clothing | 230 | (2%) | 0 | (0%) | \$0 | (0%) |
| Unclassified item first ignited | 220 | (2%) | 0 | (0%) | \$0 | (4%) |
| Flammable or combustible liquid or gas, piping or filter | 200 | (2%) | 0 | (25%) | \$0 | (1%) |
| Heavy vegetation, including trees | 180 | (2%) | 0 | (0%) | \$0 | (0%) |
| Other known item first ignited | 1,160 | (12%) | 0 | (0%) | \$3 | (63%) |
| Total | 9,440 | (100%) | 0 | (100%) | \$5 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 19. Vehicle 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 | 80 | (16%) | 0 | (23%) | \$0 | (4%) |
| 6 to 10 years | 260 | (51%) | 10 | (77%) | \$2 | (55%) |
| 11 to 17 years | 160 | (32%) | 0 | (0%) | \$1 | (40%) |
| 18 and older | 10 | (2%) | 0 | (0%) | \$0 | (0%) |
| Total | 510 | (100%) | 10 | (100%) | \$3 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 20. Vehicle Fires 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 | 440 | (88%) | 10 | (100%) | \$2 | (85%) |
| Female | 60 | (12%) | 0 | (0%) | \$0 | (15%) |
| Total | 510 | (100%) | 0 | (100%) | \$3 | (100%) |

Source: NFIRS and NFPA fire experience survey.

Table 21. Vehicle Fires Caused by Playing with Fire by Month: 2014–2018 Annual Averages

| Month | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|-----------|-------|--------|-------------------|--------|--------------------------------------|--------|
| January | 40 | (7%) | 0 | (12%) | \$1 | (20%) |
| February | 20 | (5%) | 0 | (0%) | \$0 | (2%) |
| March | 30 | (7%) | 0 | (0%) | \$0 | (8%) |
| April | 50 | (9%) | 0 | (0%) | \$0 | (7%) |
| May | 50 | (9%) | 0 | (12%) | \$0 | (10%) |
| June | 50 | (11%) | 0 | (13%) | \$0 | (6%) |
| July | 100 | (20%) | 0 | (13%) | \$0 | (12%) |
| August | 40 | (9%) | 0 | (13%) | \$0 | (7%) |
| September | 30 | (6%) | 0 | (12%) | \$0 | (5%) |
| October | 30 | (6%) | 0 | (0%) | \$0 | (15%) |
| November | 30 | (6%) | 0 | (26%) | \$0 | (3%) |
| December | 30 | (6%) | 0 | (0%) | \$0 | (5%) |
| Total | 510 | (100%) | 10 | (100%) | \$3 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 22. Outside Trash or Rubbish Fires Caused by Playing with Fire by Time of Day:
2014–2018 Annual Averages**

| Time of Day | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---------------------|--------------|---------------|--------------------------|---------------|---|---------------|
| Midnight–12:59 a.m. | 30 | (6%) | 0 | (0%) | \$0 | (2%) |
| 1:00–1:59 a.m. | 30 | (5%) | 0 | (0%) | \$0 | (4%) |
| 2:00–2:59 a.m. | 20 | (3%) | 0 | (0%) | \$0 | (4%) |
| 3:00–3:59 a.m. | 20 | (4%) | 0 | (0%) | \$0 | (4%) |
| 4:00–4:59 a.m. | 10 | (2%) | 0 | (0%) | \$0 | (3%) |
| 5:00–5:59 a.m. | 10 | (1%) | 0 | (0%) | \$0 | (1%) |
| 6:00–6:59 a.m. | 10 | (1%) | 0 | (12%) | \$0 | (2%) |
| 7:00–7:59 a.m. | 10 | (2%) | 0 | (0%) | \$0 | (2%) |
| 8:00–8:59 a.m. | 10 | (2%) | 0 | (0%) | \$0 | (2%) |
| 9:00–9:59 a.m. | 10 | (2%) | 0 | (0%) | \$0 | (1%) |
| 10:00–10:59 a.m. | 20 | (4%) | 0 | (12%) | \$0 | (2%) |
| 11:00–11:59 a.m. | 20 | (3%) | 0 | (0%) | \$0 | (4%) |
| 12:00–12:59 p.m. | 10 | (3%) | 0 | (0%) | \$0 | (2%) |
| 1:00–1:59 p.m. | 20 | (5%) | 0 | (26%) | \$0 | (5%) |
| 2:00–2:59 p.m. | 20 | (4%) | 0 | (13%) | \$0 | (2%) |
| 3:00–3:59 p.m. | 30 | (5%) | 0 | (0%) | \$0 | (5%) |
| 4:00–4:59 p.m. | 30 | (7%) | 0 | (0%) | \$1 | (20%) |
| 5:00–5:59 p.m. | 30 | (6%) | 0 | (13%) | \$0 | (4%) |
| 6:00–6:59 p.m. | 30 | (6%) | 0 | (12%) | \$0 | (4%) |
| 7:00–7:59 p.m. | 30 | (7%) | 0 | (0%) | \$0 | (4%) |
| 8:00–8:59 p.m. | 20 | (4%) | 0 | (0%) | \$0 | (3%) |
| 9:00–9:59 p.m. | 30 | (6%) | 0 | (0%) | \$0 | (3%) |
| 10:00–10:59 p.m. | 30 | (7%) | 0 | (13%) | \$0 | (5%) |
| 11:00–11:59 p.m. | 30 | (5%) | 0 | (0%) | \$0 | (13%) |
| Total | 510 | (100%) | 10 | (100%) | \$3 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 23. Vehicle Fires Caused by Playing with Fire by Day of Week:
2014–2018 Annual Averages**

| Day of Week | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|--------------------|--------------|---------------|--------------------------|---------------|---|---------------|
| Sunday | 70 | (14%) | 0 | (0%) | \$1 | (35%) |
| Monday | 70 | (13%) | 0 | (0%) | \$0 | (11%) |
| Tuesday | 80 | (16%) | 0 | (12%) | \$0 | (9%) |
| Wednesday | 60 | (12%) | 0 | (0%) | \$0 | (7%) |
| Thursday | 70 | (13%) | 0 | (13%) | \$0 | (14%) |
| Friday | 70 | (14%) | 0 | (26%) | \$0 | (8%) |
| Saturday | 90 | (18%) | 0 | (49%) | \$0 | (15%) |
| Total | 510 | (100%) | 10 | (100%) | \$3 | (100%) |

Source: NFIRS and NFPA fire experience survey.

**Table 24. Vehicle Fires Caused by Playing with Fire by Heat Source:
2014–2018 Annual Averages**

| Heat Source | Fires | | Civilian Injuries | | Direct Property Damage (in Millions) | |
|---------------------------------------|--------------|---------------|--------------------------|---------------|---|---------------|
| Lighter | 170 | (33%) | 10 | (74%) | \$1 | (49%) |
| Fireworks | 80 | (16%) | 0 | (13%) | \$0 | (6%) |
| Match | 70 | (13%) | 0 | (0%) | \$0 | (12%) |
| Incendiary device | 20 | (5%) | 0 | (0%) | \$0 | (7%) |
| Unclassified fireworks or explosives | 20 | (4%) | 0 | (0%) | \$0 | (2%) |
| Unclassified hot or smoldering object | 20 | (4%) | 0 | (0%) | \$0 | (4%) |
| Smoking materials | 20 | (4%) | 0 | (0%) | \$0 | (5%) |
| Hot ember or ash | 20 | (4%) | 0 | (0%) | \$0 | (3%) |
| Flame or torch used for lighting | 20 | (3%) | 0 | (13%) | \$0 | (2%) |
| Unclassified heat source | 10 | (2%) | 0 | (0%) | \$0 | (1%) |
| Other known heat source | 60 | (11%) | 0 | (0%) | \$0 | (10%) |
| Total | 510 | (100%) | 10 | (100%) | \$3 | (100%) |

Source: NFIRS and NFPA fire experience survey.