

































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

Year	Fires		Civilian Injuries		Direct Property Damage (in Millions)		
					As Reported	2018 Dollars	
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.



**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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>

Source: NFIRS and NFPA fire experience survey.

**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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>

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	Fires		Civilian Injuries		Direct Property Damage (in Millions)	
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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>

Source: NFIRS and NFPA fire experience survey.

**Table 15. Non-Home Structure 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.	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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>

Source: NFIRS and NFPA fire experience survey.

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

<b>Day of the Week</b>	<b>Fires</b>		<b>Civilian Injuries</b>		<b>Direct Property Damage (in Millions)</b>	
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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>

Source: NFIRS and NFPA fire experience survey.

**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 Damage (in Millions)	
	Count	(%)	Count	(%)	Count	(%)
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	(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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>
Non-confined	1,500	(48%)	50	(94%)	\$29	(97%)
Confined	1,640	(52%)	0	(6%)	\$1	(3%)

Source: NFIRS and NFPA fire experience survey.

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

<b>Area of Origin</b>	<b>Fires</b>		<b>Civilian Injuries</b>		<b>Direct Property Damage (in Millions)</b>	
Lavatory, bathroom, or locker 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	370	(12%)	0	(0%)	\$0	(0%)
On or near highway, public way, or street	180	(6%)	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)**

<b>Area of Origin</b>	<b>Fires</b>		<b>Civilian Injuries</b>		<b>Direct Property Damage (in Millions)</b>	
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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>
Non-confined	1,500	(48%)	50	(94%)	\$29	(97%)
Confined	1,640	(52%)	0	(6%)	\$1	(3%)

Source: NFIRS and NFPA fire experience survey.

**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)	
	Count	(%)	Count	(%)	Count	(%)
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)**

<b>Item First Ignited</b>	<b>Fires</b>		<b>Civilian Injuries</b>		<b>Direct Property Damage (in Millions)</b>	
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%)
<b>Total</b>	<b>3,140</b>	<b>(100%)</b>	<b>50</b>	<b>(100%)</b>	<b>\$30</b>	<b>(100%)</b>
Non-confined	1,500	(48%)	50	(94%)	\$29	(97%)
Confined	1,640	(52%)	0	(6%)	\$1	(3%)

Source: NFIRS and NFPA fire experience survey.