



Report:

Fire Loss in the United States During 2017
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Reference:

Page iv, under intentionally set fires

- At the same time, intentionally set structure fires resulted in \$582 million in property loss, an increase of 232 percent from 2016.
- There were 8,500 intentionally set vehicle fires in 2017, a decrease of 11 percent from the previous year. These fires resulted in \$75 million in property damage, an increase of 8810 percent from year before.

Page 4, Table 3

Table 3. Estimates of 2017 Fires, Civilian Deaths, Civilian Injuries and Property Loss in the United States

	Estimate	Range ¹	Percent Change From 2016
Number of Fires	1,319,500	1,305,500 to 1,333,500	-2%
Number of Civilian Deaths	3,400	3,200 to 3,600	+<1%
Number of Civilian Injuries	14,670	14,200 to 15,140	+<1%
Property Loss ²	\$23 Billion**	\$22.8 Billion to \$23.3 Billion	<u>+69%</u> >100%

Table 4. Estimates of 2017 Fires and Property Loss, by Property Use

Type of Fire	Number of Fires		Property Loss ⁴	
	Estimate	Percent Change from 2016	Estimate	Percent Change from 2016
Northern California Wildfires 2017			\$10,000,000,000	
Fires in Structures	499,000	+5%*	\$10,700,000,000	+353%**
Fires in Highway Vehicles	168,000	-3%	\$1,450,000,000	+1155%**
Fires in Other Vehicles ²	29,500	-5%	\$594,000,000	+2340%**
Fire Outside but no vehicle (outside-storage, crops, timber, etc.)	74,000	-16%*	\$137,000,000	-2330%**
Fires in Brush, Grass, Wildland (excluding crops and timber) with no value or loss involved	283,000	-5%		
Fires in Rubbish, including dumpsters (outside of structures), with no value or loss involved	174,500	+1%		
All Other Fires	91,000	-13%	\$136,000,000	-3140%
Total	1,319,500	-2%	\$23,000,000,000	+11769%**

Table 5. Estimates of 2017 Structure Fires and Property Loss, by Property Use

Property Use	Structure Fires		Property Loss ¹	
	Estimate	Percent change from 2016	Estimate	Percent change from 2016
Public assembly	14,500	+4	\$285,000,000	-21*7
Educational	5,500**	+38	\$51,000,000	+2450
Institutional	7,000*	+27	\$40,000,000	+8-41
Residential (total)	379,000	+2	\$7,900,000,000	+36**
One-and-two family homes ²	262,500	+2	\$6,141,000,000	0+24**
Apartments	95,000	0	\$1,600,000,000	+47125***
Other residential ³	22,500	+15	\$162,000,000	+8-15
Stores and offices	18,000*	+13	\$763,000,000	+1175**
Industry, utility, defense ⁴	8,500	0	\$503,000,000	+20-7
Storage in structures	27,500	+2	\$834,000,000	+25-13
Special structures	39,000*	+34	\$331,000,000	+470**
Total	499,000*	+5	\$10,700,000,000	+35**

Under property loss

Fires in structures not related to these wildfires resulted in \$10.7 billion in property damage, an increase of 35 percent from 2016. Each structure fire resulted in an average property loss of \$21,463, ~~an increase~~ decrease of ~~29~~ percent from the previous year. Figure 5 shows that 2016 was somewhat lower than previous years, and 2017 may be a return to the trend. From 1977 to 2017, excluding the events of September 11, 2001, the

Of the 2017 property loss in structures, \$7.7 billion occurred in home structures, an increase of 35 percent from 2016. An estimated \$6.1 billion of this loss occurred in one- and two-family homes, ~~an increase of~~ 25 percent. An estimated loss of \$1.6 billion occurred in apartments or other multifamily housing, including condominiums. Over \$400 million came from major fires in apartments that were under construction at the time of the fire.

Other property damage results for 2017 include \$763 million in store and office properties, an increase of ~~75~~ 11 percent; \$503 million in industrial and manufacturing properties, a ~~20~~ 7 percent ~~increase~~ decrease; \$1.4 billion in highway vehicles, a ~~55~~ 11 percent increase; and \$594 million in other vehicles, a ~~40~~ 23 percent increase.

Page 11, Figure 5

Edits were made to the 2016 numbers.

Unadjusted: ~~16,610~~ 21,872

Adjusted: ~~4,194~~ 5,545

NFPA estimates that 22,500 structure fires were intentionally set in 2017, an increase of 13% from the year before. These fires resulted in an estimated 280 civilian deaths, a decrease of 10% from the previous year. These fires resulted in \$582 million in property loss, an increase of 232% compared to 2016.

In 2017, there were also an estimated 8,500 intentionally set vehicle fires, a drop of 10.5% compared

to the year before. These fires resulted in \$75 million in property loss, an increase of 8810% from 2016.

Estimates of intentionally set fires do not include allocation of fires whose causes were unknown or unreported.

Table 7. Estimate of 2017 Losses in Intentionally Set Structure Fires

Intentionally ¹ Set Structure Fires	Estimate	Percent change from 2016
Number of Structure Fires	22,500	+13
Civilian Deaths	280	-10
Property Loss ¹	\$582,000,000	+ <u>232</u>

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