



GFMC UNISDR Global Wildland Fire Network Bulletin

Issue No. 24 (15 September 2019)

# GFMC / IWPM / UNISDR Global Wildland Fire Network Bulletin

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## 11th Annual Global Wildland Fire Fatalities and Damages Report – 2018

The preliminary evaluation of fatalities and damages caused by wildland fires in 2018 at global level shows that 354 people were killed and 1,281 were injured worldwide compared to 303 fatalities and 1,887 injuries in 2017, 127 fatalities and 568,244 injuries in 2016, and 198 fatalities and 650,302 injuries in 2015. It is important to note, that in 2018 there were no major regional smoke pollution events like occurred between 2015 / 2016 in Southeast Asia, causing hundreds of thousands to become hospitalized.



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## 11<sup>th</sup> Annual Global Wildland Fire Fatalities and Damages Report – 2018<sup>1</sup>

The Global Wildland Fire Network Bulletin is a product of the Global Fire Monitoring Center (GFMC)<sup>2</sup>, the former International Forest Fire News (IFFN)<sup>3</sup>, the International Wildfire Preparedness Mechanism (IWPM)<sup>4</sup> and the Global Wildland Fire Network, which is serving the United Nations International Strategy for Disaster Reduction (UNISDR) in the frame of the Science & Technology Partnership<sup>5</sup> and a Voluntary Commitment to the implementation of the Sendai Framework.<sup>6</sup>

This 24<sup>th</sup> Issue of the Global Wildland Fire Network Bulletin provides the final draft of the 11<sup>th</sup> Annual Global Wildland Fire Fatalities and Damages Report, covering the year 2018. This report is based on the evaluation of media (newspaper, radio and TV broadcasts) published on the internet, as well as agency reports and correspondents of the Global Wildland Fire Network from throughout the world.

The designation of this report is renamed since 2016, since GFMC has now included other damages and consequences of wildfires, particularly those that are affecting people, property, infrastructures and livelihood of people, including damages to agricultural products and livestock. Since only a small fraction of wildfire-related accidents is reported through those media that are published on the web, we presume that our attempt to compile a global statistical database is still very incomplete and may only scratch the surface, on a global level. However, among countries (e.g. U.S.A) that do regularly report the negative impacts of wildfires (e.g. injuries and property damages), the data collected by the GFMC can be considered reliable and consistent with many official estimates. Unlike the *World Almanac* and other databases such as the *International Disaster Database* of the Centre for Research on the Epidemiology of Disasters (CRED)<sup>7</sup>, GFMC aims at identifying all individual incidents that have been reported. At the end of this report web links are provided to a number of publications / reports regarding injuries and fatalities. The short incident notes (by country, in alphabetic order) are taken from

- (a) Detailed reports that have been published on the dedicated GFMC web page “**Recent Media Highlights on Fire, Policies, and Politics – Section 4 Current News Regularly selected by GFMC**” between January and December 2017 (<http://gfmc.online/media-highlights-on-fire-policies-and-politics/2017-2.html>), and
- (b) Other reports which have been stored in the GFMC database but were not published online. Links or detailed information on any event included in this report can be provided upon request.

*Note:* Due to copyright restrictions, the GFMC is not allowed to publish / mirror all incidence reports freely accessible on the GFMC website. Institutions or individuals interested to work with GFMC in the scientific evaluation of data may request password-protected access to the files published on the web page “Recent Media Highlights on Fire, Policies, and Politics – Section 4 Current News Regularly selected by GFMC” since 1999 (<http://www.gfmc.online/media/news.htm>).

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Freiburg, Germany, 15 September 2019

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<sup>1</sup> Data included in this report is often cross-referenced to other annual regional or national reports, some of which have yet to be released. This report will be updated with any new data at a later date.

<sup>2</sup> <http://www.gfmc.online/> *Note:* IFFN production has been phased out in 2015.

<sup>3</sup> <http://www.gfmc.online/iffn/iffn.htm>

<sup>4</sup> <http://www.gfmc.online/iwpm/index.htm>

<sup>5</sup> <http://www.gfmc.online/GlobalNetworks/globalNet.html>

<sup>6</sup> [https://sendaicommitments.unisdr.org/commitments/20190222\\_001](https://sendaicommitments.unisdr.org/commitments/20190222_001)

<sup>7</sup> [www.cred.be](http://www.cred.be) - *Note:* the CRED defines a disaster as “a situation or event which overwhelms local capacity, necessitating a request to a national or international level for external assistance; an unforeseen and often sudden event that causes great damage, destruction and human suffering”. For a disaster to be considered, at least one of the following criteria must be met: (a) 10 or more people reported killed; (b) 100 or more people reported affected, (c) declaration of a state of emergency, or (d) call for international assistance. The GFMC does not follow these criteria as fatalities or injuries caused by wildfires are usually below these thresholds, and the high number of incidents would otherwise not be recorded at all. The CRED reports do not provide explicit data on wildfire-related incidents.

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## Summary

The 11th Annual Global Wildland Fire Fatalities and Damages Report details that in 2018 there were 354 people killed and 1,281 people injured in 36 countries due to wildland fires (Table 1). This is compared to 303 fatalities and 1,887 injuries in 2017 globally, 127 fatalities and 568,244 injuries in 2016, and 198 fatalities and 650,302 injuries in 2015. It is important to note, that in 2017 there were no major regional smoke pollution events like occurred between 2015 / 2016 in Southeast Asia, causing hundreds of thousands to become hospitalized.

Globally, we have evaluated the evacuations of people who were threatened by wildfires. A total of 885 evacuations in 41 countries involved the temporary displacement of more than 639,679 documented individuals. While certain reports are quite reliable when detailing evacuations, hundreds if not thousands of evacuations or details go unreported. For example, Australia's evacuation advisory system is on a recommendation basis, making it impossible to even estimate the number of persons actually evacuating during an incident (as opposed to e.g. "staying and defending"). A handful of these evacuation advisories have been counted as an "evacuation" in this report, though there were no number of people assigned; this was included in clear scenarios when it was explicitly reported that evacuations occurred, or when it was otherwise clear that people evacuated (e.g. in the obvious event when homes burned). However, please note that the number above, does not include the number of people evacuated under the separately recorded descriptions of villages, towns, etc. in Table 6.

The loss of private homes destroyed by wildfires in 2018 in 29 countries amounted to more than 29,985 while 1,476 homes were damaged by wildfires. Houses aside, more than 7,160 other structures were destroyed, including schools, hospitals, hotels, commercial buildings like shopping malls, industrial buildings, outbuildings and other infrastructure like bridges, powerlines, etc. (see Table 7).

The number of vehicles reported destroyed by wildfires was 11,652 globally (Table 8). Farmers lost 11,314 livestock and more than 26,253 bales of hay in 29 countries, among many other agricultural, forest and food commodity losses (Table 9).

In 41 countries wildfires affected or damaged more than 421,240 hectares of land in protected areas such as UNESCO World Heritage Sites, national parks, Natura2000 sites, or nature reserves. This is compared to more than 530,907 hectares in 23 countries in 2017, and 196,000 hectares in 19 countries in 2016. *Note:* Many Natura2000 sites were not included in the prior two reports, making the data in the 2018 report more complete (for the European Union area), yet still far from comprehensive, globally.

The known economic impacts of wildfires in 13 countries were estimated well in excess of USD \$32.3 billion.<sup>8</sup> Direct fire damages including insured losses were estimated at more than \$26.06bn, suppression and recovery costs at nearly \$1.5bn, mitigation, prevention and recovery costs at \$3.23bn and other revenue losses (e.g. emergency loans, impact on tourism or agriculture etc.) in excess of \$1bn. It is important to note that major uncounted secondary impacts exist, e.g. the 2015/16 fire and smoke crisis in Indonesia alone resulted in an estimated USD \$16.6bn in economic losses and nearly USD \$300m in ecosystem service damages. This report only assessed data on secondary impacts, of the limited data available / reported by media.

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<sup>8</sup> Additional data for the devastating fires in Greece in 2018 are still being collected, and therefore are not yet included in this preliminary report

The open-access archive of the Global Bulletins is available on the GFMC website:

- [http://gfmcoonline/media/bulletin\\_news.html](http://gfmcoonline/media/bulletin_news.html)

## Overview Tables of Fatalities and Damages

### People killed and injured by wildland fires

Detailed numbers of killed and injured people by countries are provided in Tables 1 and 3. The total number of people killed worldwide as a directly result of wildfires (including for instance responding to or returning from an incident) were 354, where 70 of them were firefighters. In total 1,281 people were injured and 282 of injured persons were firefighters. Table 2 shows global documented or estimated secondary deaths and injuries which occurred in connection with wildfires, but did not result directly by wildfires. Table 3 shows the number of wildland firefighters killed and injured worldwide. Table 4 shows deaths and injuries related to aerial firefighting efforts. Table 5 breaks down the numbers of people killed or injured by wildland fires by continent and countries.

**Table 1.** Summary Global Wildland Fire Fatalities Report 2018: All people killed and injured by wildland fires in 2018 by regions globally.

Regions	People killed	People injured	Total
Africa	26	7	33
Asia	69	15	84
Australasia	9	49	58
Europe	107	934	1,041
Middle East	4	8	12
North America	128	248	376
South America	11	20	31
<b>Worldwide</b>	<b>354</b>	<b>1,281</b>	<b>1,635</b>

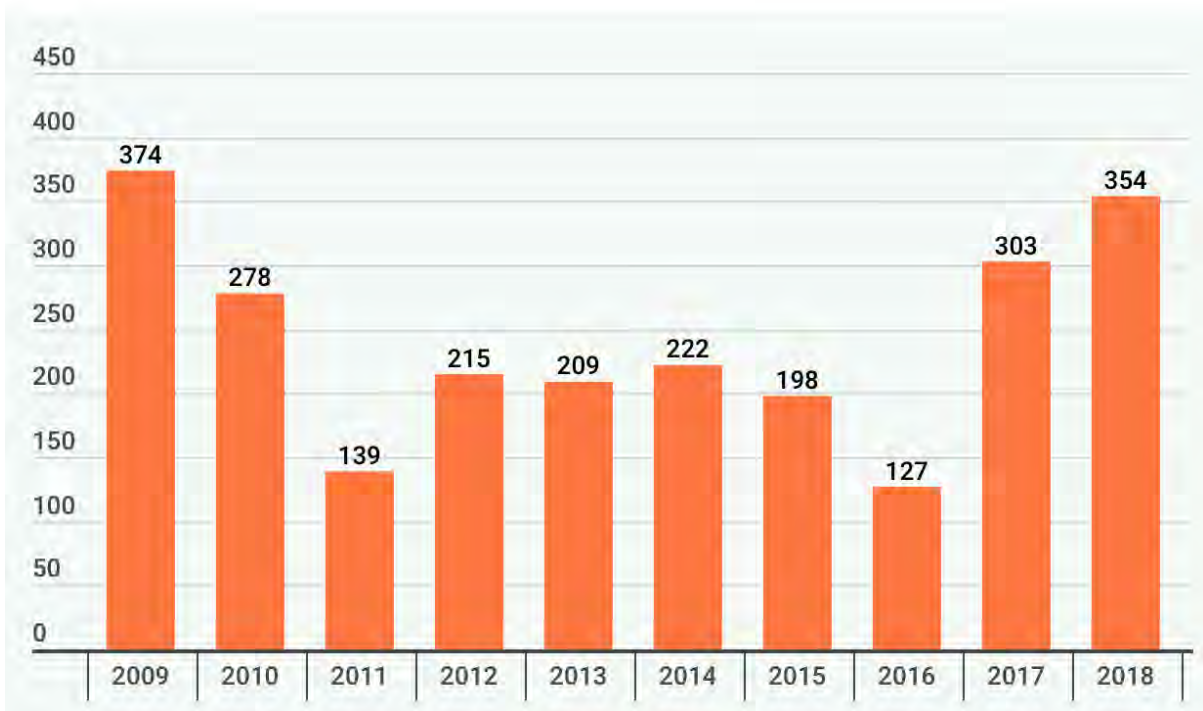
**Table 2.** Summary Global Wildland Fire Fatalities Report 2018: All people killed and injured *in connection with* wildland fires in 2018 by regions globally. Often so-called secondary deaths or injuries were a result of a traffic accident caused by fire and smoke blowing over a road or highway. *Note:* Premature deaths due to landscape fire smoke / biomass burning have been modelled in several studies; while models vary, two prominent studies indicate on average, over 180,000 premature deaths occur annually from vegetation fire smoke exposure, globally<sup>9</sup>. Another study estimates up to 339,000<sup>10</sup>.

Regions	People killed	People injured	Total
Africa	2	22	24
Asia	-	-	-
Australasia	1	2	3
Europe	-	-	-
Middle East	-	-	-
North America	15,003*	4	15,007
South America	-	1	1
<b>Worldwide</b>	<b>15,007</b>	<b>31</b>	<b>15,038<sup>11</sup></b>

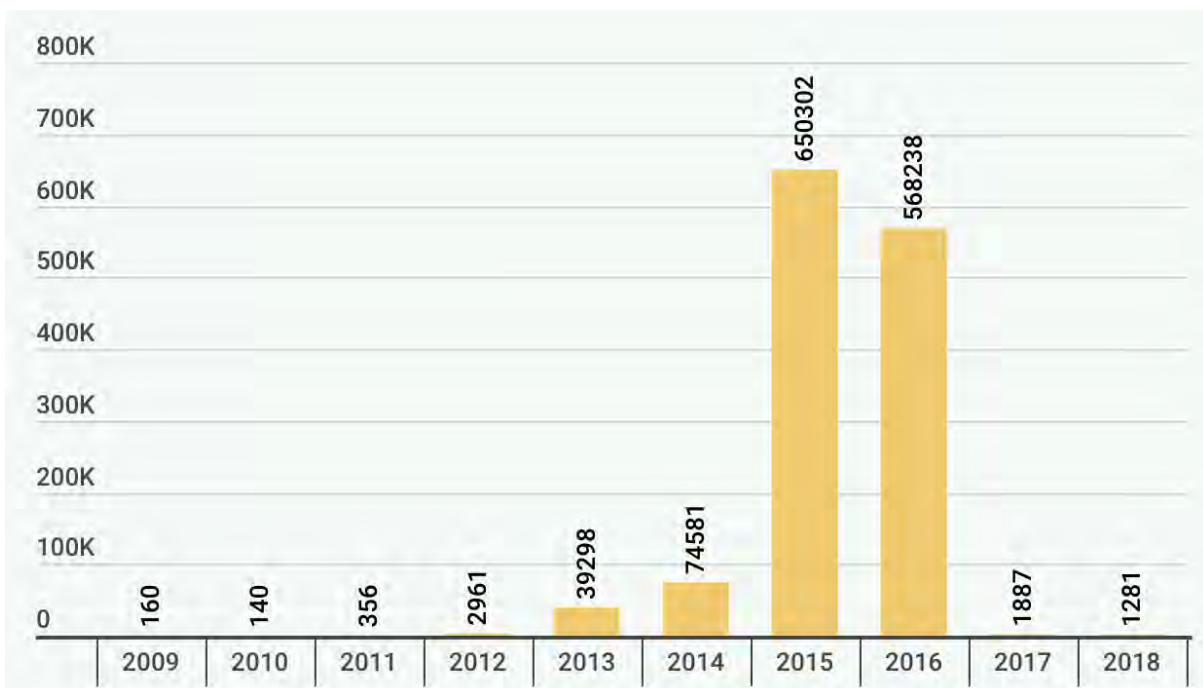
<sup>9</sup> Lelieveld, J., Evans, J.S., Fnais, M., Giannadaki, D., and Pozzer, A., 2015. The Contribution of Outdoor Air Pollution Sources to Premature Mortality on a Global Scale. *Nature*, 525(7569), pp. 367-71.

<sup>10</sup> Johnston, F.H., Henderson, S.B., Chen, Y., Randerson, J.T., Marlier, M., DeFries, R.S., Kinney, P., Bowman, D., and Brauer, M., 2012. Estimated global mortality attributable to smoke from landscape fires. *Environmental Health Perspectives Online* 120, pp. 695-701.

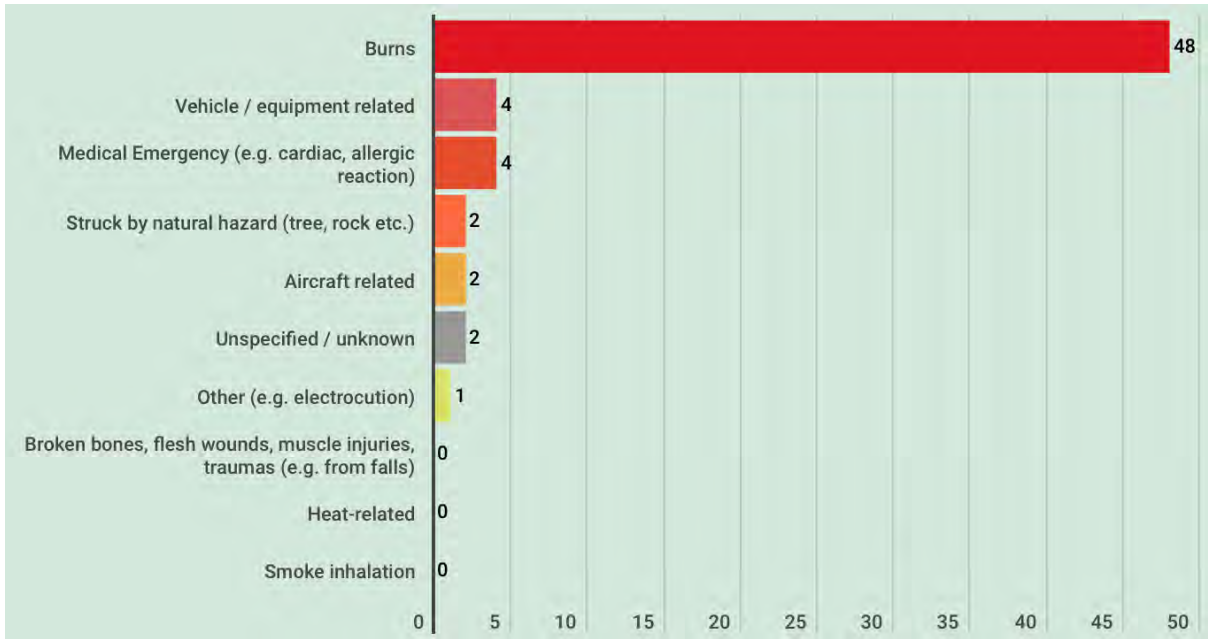
<sup>11</sup> Estimated 15,000 premature deaths per annum in the United States as a result of smoke inhalation.



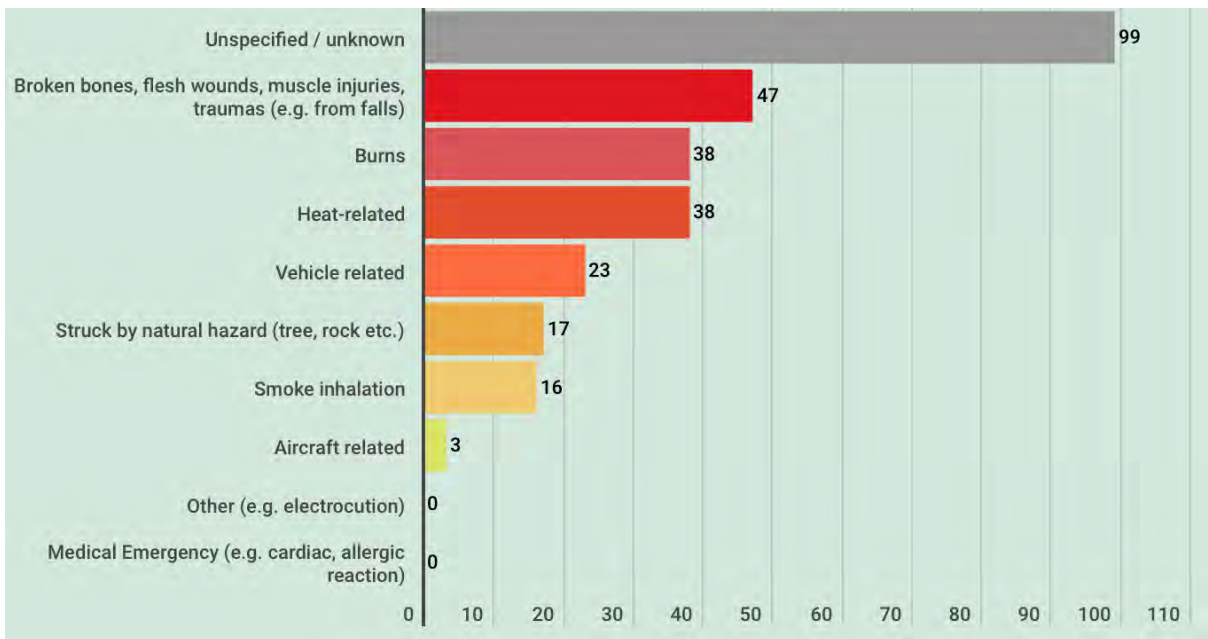
**Figure 1.** Worldwide deaths as a result of wildfires (2009-2018)



**Figure 2.** Worldwide injuries as a result of wildfires (2009-2018)

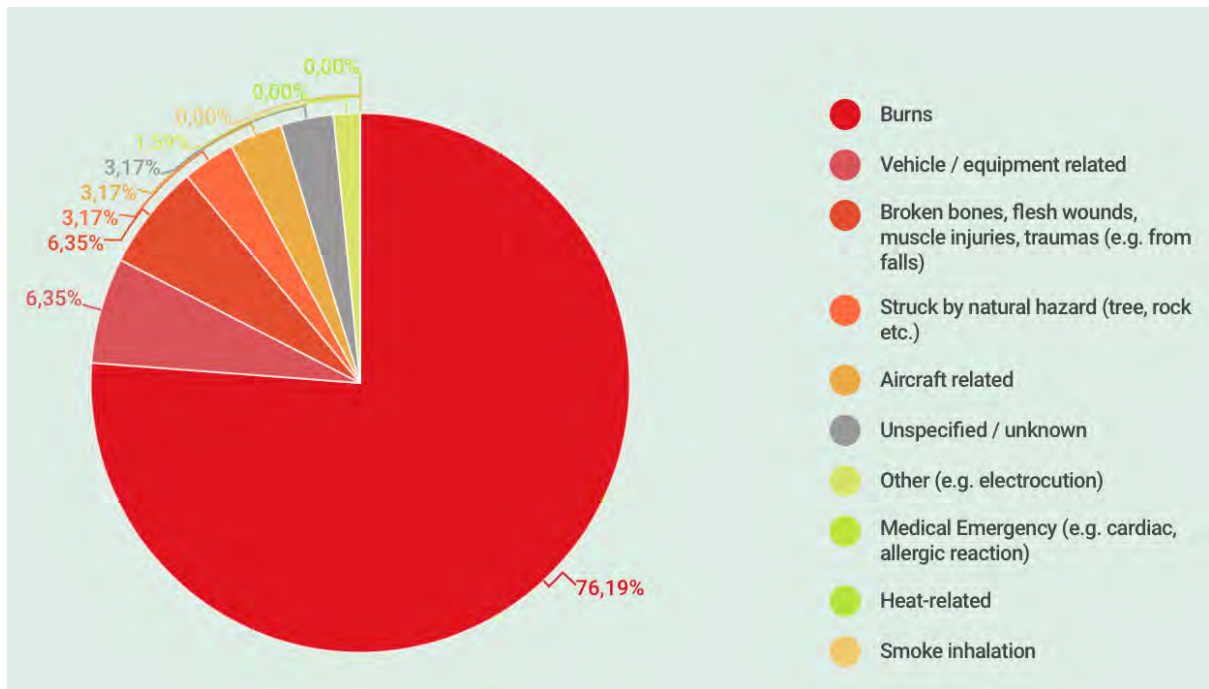


**Figure 3.** Number of worldwide line-of-duty firefighter deaths in 2018 by category\*

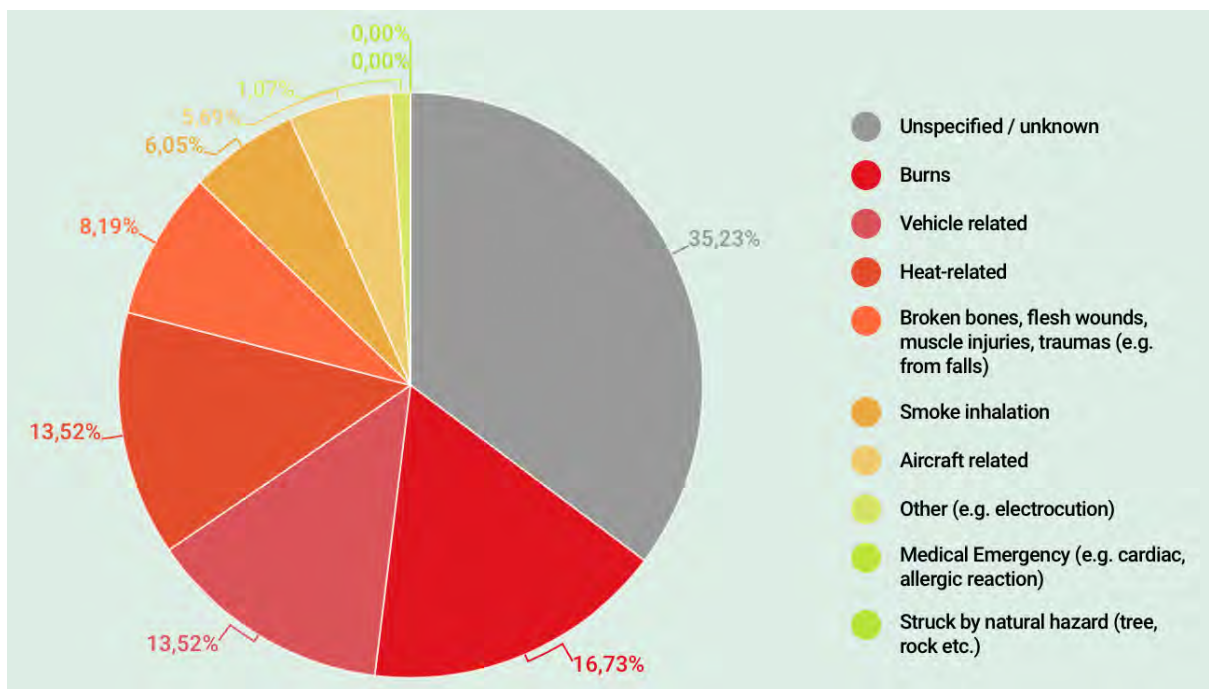


**Figure 5.** Number of worldwide line-of-duty firefighter injuries in 2018 by category\*





**Figure 5.** Percentage of worldwide line-of-duty firefighter deaths in 2018 by category\*



**Figure 6.** Percentage of worldwide line-of-duty firefighter injuries in 2018 by category\*

\* Line-of-duty deaths and injuries of all firefighters (regardless of type of fire department / agency) as a result of active duty in connection with landscape fires including responding to or returning from, or, as a result of overexertion in connection with training or suppression activities.

**Table 3.** Summary of firefighters killed and injured in 2018 by country

Country	Firefighters killed	Firefighters injured	Total
Australia	1	27	28
Canada	1	3	4
Chile	-	1	1
China	33	1	34
Colombia	-	3	3
Cyprus	-	1	1
Ecuador	-	1	1
Georgia	1	-	1
Germany	-	6	6
Greece	-	2	2
Honduras	3	2	5
India	1	5	6
Iran	4	-	4
Israel	-	6	6
Mexico	3	2	5
Nepal	1	-	1
New Zealand	1	-	1
Norway	1	-	1
Portugal	-	26	26
Russia	3	-	3
South Africa	4	3	7
Turkey	-	1	1
United Kingdom	-	1	1
USA	13	191	204
<b>Total</b>	<b>70</b>	<b>282</b>	<b>352</b>

**Table 4. (of which)** Summary of aircraft personnel killed and injured in 2018 during firefighting operations

Country	Aircraft personnel killed	Aircraft personnel Injured
Australia	1	-
New Zealand	1	-
South Africa	1	-
USA	-	2
<b>Total</b>	<b>3</b>	<b>2</b>

**Table 5.** Summary of global wildland fire fatalities report 2018: All people killed and injured by wildland fires by continents and countries.

Africa	Killed	Injured	Total
Central African Republic	3	-	3
Democratic Republic of Congo	-	1	1

South Africa <sup>12</sup>	16	5	21
Uganda	2	-	2
Zimbabwe	5	1	6
<b>Total</b>	<b>26</b>	<b>7</b>	<b>33</b>

Asia	Killed	Injured	Total
China <sup>13</sup>	36	1	37
India	26	13	39
Nepal	4	1	5
Russia	3	-	3
<b>Total</b>	<b>69</b>	<b>15</b>	<b>84</b>

Australasia	Killed	Injured	Total
Australia	2	49	51
Indonesia	6	-	6
New Zealand	1	-	1
<b>Total</b>	<b>9</b>	<b>49</b>	<b>58</b>

Europe	Killed	Injured	Total
Cyprus	-	1	1
France	-	4	4
Georgia	1	-	1
Germany	-	46	46
Greece	104	824	928
Italy	-	1	1
Norway	1	-	1
Portugal	-	57	57
Spain	1	-	1
UK	-	1	1
<b>Total</b>	<b>107</b>	<b>934</b>	<b>1,041</b>

Middle East	Killed	Injured	Total
Iran	4	-	4
Israel	-	6	6
Turkey	-	1	1
United Arab Emirates	-	1	1
<b>Total</b>	<b>4</b>	<b>8</b>	<b>12</b>

North America	Killed	Injured	Total
Canada	5	5	10
Mexico	5	2	7
USA	118 <sup>14</sup>	241	359
<b>Total</b>	<b>128</b>	<b>248</b>	<b>376</b>

<sup>12</sup> South Africa notoriously has frequent and often severe motorway accidents as a direct result of grass fires and smoke blowing across the roadway. Numerous injuries and deaths have resulted from these fires. See Table 2 for a tally of these.

<sup>13</sup> One media source put the total number of people killed *and* injured at 39, but it is unclear whether the additional two persons were killed or injured and whether they were firefighters.

<sup>14</sup> There were 2 additional deaths recorded in connection with wildfires, however they have not been included in this report because the cause of death could not be fully confirmed as directly resulting from the fire itself.

<b>South America</b>	<b>Killed</b>	<b>Injured</b>	<b>Total</b>
Bolivia	2	2	4
Chile	1	7	8
Colombia	1	3	4
Ecuador	-	4	4
Guatemala	-	2	2
Honduras	6	2	8
Venezuela	1	-	1
<b>Total</b>	<b>11</b>	<b>20</b>	<b>31</b>

## Evacuations

**Table 6.** Summary of evacuation cases by country

Country \ Evacuation category	Number of evacuation cases	Number of people	Number of people unknown cases	Number of homes / families <sup>15</sup>	Universities / Schools / Daycares	Train / Airport / Flights services disrupted	Number of parks / recreation areas	Road / highway closures	Other
Argentina	5		1	200				3	2 slums
Australia <sup>16</sup>	112	18,744	23	122	73	28 <sup>17</sup>	3	102	40 towns under evacuation alert or warning/order; part of 1 town, 1 hospital evacuated; 14 hikers airlifted; animal shelter and waste plant evacuated; numerous people trapped; banana plantation and wildlife shelter evacuated; airport shut down
Barbados	1		1		2				
Bermuda	1		1						Parts of neighborhoods evacuated
Canada	50	14,072	6	6,115	2	8	4	18	2 communities, 1 neighborhood, 1 hotel, park and outdoor education center evacuated; major sporting events were cancelled
Chile	9	78		40	1			3	
Colombia	3			60				1	

<sup>15</sup> “Number of homes and families” are tallied as those **in addition to** the individual numbers in the preceding category

<sup>16</sup> Due to Australia’s system of evacuation which includes “stay and defend” or “shelter-in-place”, true evacuation statistics (number of persons / homes) are neither available nor consistently reported as such in the media.

<sup>17</sup> Airport closure counted as one incident; unknown how many flights were impacted

Croatia	3	40	1					2	1 villaged evacuated
Cyprus	1	200							
Ecuador	1							1	Zoo evacuated
Finland	1	50							
France	6	53		1		1		3	Shipping routes and unknown number of flights disrupted
Germany	7	1,150				3		10	(3 villages evacuated)
Greece	14	1121	5	15	1			2	10 whole villages and parts of 2 other villages, 1 hotel and 2 summer camps evacuated; wind farm disrupted
Guam	2							2	
Honduras	1		1						
India	1								25,000 pilgrims halted to escape fire
Indonesia	4	350	1		100	4			Unk. Number of hikers trapped/ evacuated; flights were impacted over a long-term period; likely well over 100 schools closed due to severe smoke pollution
Iran	1								City offices shut down in 3 cities due to severe border-crossing smoke
Iraq	1	300							
Ireland	1	800							
Israel	5		2	74		1		1	1 village and 1 hotel evacuated
Italy	7	1,400			3	7		3	Airport closed, tourists evacuated, 2 people trapped
Mexico	12	192	1	20	41			2	
Netherlands	1						4		4 camping areas evacuated
New Zealand	7	136	1	19		1		10	
Nigeria	1								Several power plants shut down
Norway	1					1			
Panama	2		1	6					Tourists evacuated

Peru	1							1	
Philippines	1						1		
Portugal	5	450	1					2	Several suburbs and 1 village evacuated
South Africa	12	2,214	2					10	6 towns, 1 neighborhood and a nursing home evacuated
Spain	4	2,660	1	2				3	
Sweeden	6	525		24		6			Numerous villages evacuated; an airport closed and numerous flights cancelled
Switzerland	3	2				3		2	
Trinidad and Tobago	1				2				
Turkey	3	150	1					1	
United Kingdom	13	1,500	1	81	2			13	Zoo evacuated
Ukraine	1		1						
United States of America	574	593,492	112	23,077	965	325	104	848	9 towns, parts of 3 cities, part of 1 town, 22 communities, 28 neighborhoods, 651 commercial facilities and businesses evacuated, 5 apartment complexes, 4 apartments, and 1 undustrial park evacuated; 1 lead smelter and 2 mines were shut down or evacuated. <i>Other evacuations:</i> Several lodges; hunters and campers (x2), shopping mall, homeless camp, tourists, 2 ranches, museum, hatchery, animal shelter, military base, train station shut down, and a zoo
<b>2018 Total</b>	<b>885</b>	<b>639,679</b>	<b>164</b>	<b>29,856</b>	<b>1,192</b>	<b>388</b>	<b>116</b>	<b>1,043</b>	
2017 Total	980	546 768	170	30 038	1 273	395	194	1 274	
2016 Total	412	387 681	430	44 004	28	31	26	148	

## Damages

Table 7. Summary of structural losses

Country \ Structure category	Houses/ Homes-destroyed ( <i>Including mobile homes</i> )	Houses/ Homes-damaged ( <i>Including mobile homes</i> )	Outbuildings, sheds, storages, barns, buildings, fences, businesses	Other structures	Electric lines shutdown <sup>18</sup>	No. of homes affected by electricity outage
Australia	265	83	246	<b>Destroyed:</b> 2 farm structures, 1 hotel, 1 school communication tower, storage unit, campsite and gear, 2 shipping containers, 3 structures, 3483 km of fencing <b>Damaged:</b> 1 train line, 1 apartment complex, trail system, campground	12	29 156
Canada	49	11	5	Bridge damaged		
Chile	15	3			2	1602
Colombia	30					
Croatia	5					
Czech Republic				Unknown structures destroyed		
Finland				1 garage destroyed		
France	7	10	1	1 sheepfold destroyed		
Germany	9					
Ghana			1	School; containers with car parts and tires destroyed	1	unk
Greece	2 868	2		<b>Destroyed:</b> warehouse with feed; greenhouse destroyed. <b>Damaged:</b> power infrastructure, archeological site; roads	1	200
Guatamala	3					

<sup>18</sup> Outages of electricity from several hours to a number of days



Italy			3	3 LPG tanks, industrial waste plant burned; workshop damaged	1	unk
Mexico	33	31	2		3	1000+
Micronesia	1					
Nepal	11	24	5			
New Zealand				3 unknown structures		
Nigeria				gas lines damaged/destroyed	1	unk
Philippines				campsites destroyed		
South Africa	49	8	4	<b>Destroyed:</b> Garage; National Monument (toll house) <b>Damaged:</b> 60 farms including irrigation and other infrastructure, 1 school, 1 hospital	1	2000
Spain	40					
Sri Lanka				rail line damaged		
Sweden			5			
Turkey		2		Greenhouses damaged / destroyed		
Uganda	1					
United Kingdom		1	1			250
USA	26 595	1 301	5 679	<b>Destroyed:</b> 276 multiple family residence (e.g. apartment complex) and 791 other structures destroyed and 5 public schools destroyed; 1 homeless camp, 51 hunting camps, a sawmill, a historic schoolhouse, machine shop and equipment, a historic lodge, 6 garages, electrical circuits, 2 boathouses; 9 historic cabins, a fire station, power poles and wiring, a historic resort (motel, cabins, restaurant), tools and equipment, a historic lodge, historic old west town and movie set <b>Damaged:</b> 43 multiple family residence (e.g. apartment complex), 1 hospital, 3 structures of a landmark, an animal sanctuary, trolley tracks, electrical lines and equipment,	31	117 093

				power infrastructure, two main transmission lines (affecting nearly 60K homes), a rail line, a storage container, gas and power infrastructure, irrigation systems		
Venezuela					1	200
Zimbabwe	4		1			
<b>2018 Total</b>	<b>29 985</b>	<b>1 476</b>	<b>5 953</b>	<b>Estimate: 1 207 destroyed and 177 damaged structures</b>	<b>54</b>	<b>151 501</b>
2017 Total	10 498	11 740	3 562		108	523 868
2016 Total	3 172	80	3 148		18	232 845

**Table 8.** Summary of vehicle losses

Country \ Category	Cars/trucks destroyed/damaged	Trucks/Fire trucks	Airplanes / Helicopters	RV/ travel trailers destroyed	Commercial truck / bus destroyed	Boats destroyed	Utility trailers destroyed	Others related to vehicle (farm equipment, machinery etc.)	ATV/ motorcycle	Total vehicles damaged / destroyed
Australia	244	3	2 helicopters	11	1	2	261	11		535
Canada	42									42
Croatia		2								2
Cyprus	1									1
Finland	1									1
France	1									1
Germany	6									6
Ghana	45									45
Greece	305									305
Honduras	5			1						6
Italy	3									3
Mexico	64			1						65
South Africa	32	2	1 helicopter					1	1	37
Sweden								6		6
Trinidad and Tobago				6						6
United Kingdom								1		1
USA	10475	16	1 air tractor	15	13	43	2	21	1	10587
Venezuela	3									3
<b>Total 2018</b>	<b>11227</b>	<b>23</b>	<b>4</b>	<b>34</b>	<b>14</b>	<b>45</b>	<b>263</b>	<b>40</b>	<b>2</b>	<b>11652</b>
Total 2017	4136	68	6				518			4728

**Table 9.** Summary of agricultural losses

<b>Country</b>	<b>Category</b>	<b>Number of Livestock (killed / injured)</b>	<b>Number of hay bales / rounds</b>	<b>Range/pasture land damaged (ha)</b>	<b>Forest Plantation (ha)</b>	<b>Crops losses including other agricultural assets (damaged / destroyed)</b>
<b>Algeria</b>						1 ha, olive grove, 1 ha fruit trees destroyed
<b>Australia</b>		Cows: 4729 Sheep: 4241		1902	8	4000 olive trees; pineapple plantation damaged; 3000 ha wheat
<b>Bhutan</b>		Yaks: 3				
<b>Cambodia</b>						40 ha rice fields
<b>Colombia</b>						Sugar cane among other unspecified crops
<b>Croatia</b>						300 olive trees
<b>France</b>		Goats: 300				
<b>Germany</b>						Unknown ha wheat fields
<b>Greece</b>						130 ha agricultural land; olive groves burned
<b>India</b>					6	tree nursery destroyed
<b>Iraq</b>						200 ha agricultural crops destroyed; dozens of orchards and farms destroyed
<b>Israel</b>		Turkeys: 200				4 ha of wheat field
<b>Italy</b>						3 ha olive groves; 3 ha fruit trees; 4 ha wheat; 8 ha vineyards
<b>Mexico</b>						mango orchards destroyed
<b>Nepal</b>					3127	2000 tons of logs
<b>New Zealand</b>						
<b>Panama</b>			25000			
<b>South Africa</b>						several plantations destroyed; unkown livestock killed
<b>Turkey</b>						101 ha agricultural crops destroyed; fruit trees destroyed; orchards damaged

<b>United Kingdom</b>					18 ha agricultural crops destroyed
<b>USA</b>	Bison: 20 Cows: 1748 Goats: 16 Horses: 6 Pigs: 3	1253	40014		avocado and fruit trees destroyed; 2 million bushels of wheat burned; 40 ha of veggies, herbs and fruit trees destroyed; 1200 pounds of marijuana and 21 cannabis farms destroyed; 30 acres of walnuts, 10 acres of grapes, and 3.5 acres of pears destroyed; 3200 tons of grapes destroyed; 3 ha agricultural crops; unknown number of chickens and geese killed
<b>Zimbabwe</b>	Chickens: 48			1550	1/2-ton maize, 12 bags of fertilizer, 2 ha gum trees, 14 ha bananas, and 40 ha wheat destroyed
<b>Total 2018</b>	<b>11,314</b>	<b>26,253</b>	<b>41,916</b>	<b>4,683</b>	
Total 2017	87,917	3,503	n/a	n/a	

**Table 10.** Summary of protected areas affected by fire.

Note: Additional media reports indicated other protected areas affected by fire but did not include the size of the area burned, so they could not be included in this report. GFMC did not have the resources to pursue all of these incidents to be able to include burned areas.

Country	Park	Area affected (ha)
<b>Algeria*</b>	Unspecified; Natura2000 Sites	27
<b>Argentina</b>	Punta de Lara Reserve	1 000
	Budawang National Park	1 156
	Deepwater National Park	17 000
	Eungella National Park	110 000
	Goonoo National Park	100
	Kosciuszko National Park	3 300
	Mount Kaputar National Park	2 000
	Namadgi National Preserve	199
	Royal National Park	600
	South East Forest / Wadbilliga National Parks	20 000
	Sydney National Park	57 000
	Torndirrup National Park	620
	Wadbilliga National Park	5 500
	Wollemi National Park	10 000
<b>Belgium*</b>	Unspecified; Natura2000 Sites	165
<b>Bulgaria*</b>	Unspecified; Natura2000 Sites	2 025
<b>Canada</b>	Kootenay National Park	1 420
<b>Chile</b>	Altos de Lircay National Preserve	7
	Las Palmas de Cocalán National Park	11
	Lauca National Park	12
	Reserva Natural Alto de Cantillana (Private Nature Reserve)	100
<b>Colombia</b>	Munchique National Park	50
	Sierra de La Macarena National Park	5 000
	Sierra Nevada de Santa Marta National Park	12

	Vía Parque de Salamanca Island (Vipis) National Park	15
<b>Cyprus*</b>	Unspecified; Natura2000 Sites	441
<b>Czech Republic</b>	Giant Mountains National Park	1
<b>Denmark*</b>	Unspecified; Natura2000 Sites	463
<b>Ecuador</b>	Cayambe Coca National Park	970
	Los Illinizas Nature Reserve	400
<b>El Salvador</b>	Walter Thilo Deininger	80
<b>Estonia*</b>	Unspecified; Natura2000 Sites	440
<b>France</b>	Pibeste Nature Reserve	25
	Unspecified; Natura2000 Sites*	2 422
<b>Germany</b>	Berchtesgaden National Park	1
	Unspecified; Natura2000 Sites*	3 701
<b>Greece*</b>	Unspecified; Natura2000 Sites	12 066
<b>Honduras</b>	La Tigra National Park	700
<b>Hungary*</b>	Unspecified; Natura2000 Site	96
<b>India</b>	Bhitarkanika National Park	4
	Kaas Plateau UNESCO WHS	15
	Mudumalai Tiger Reserve	12
	Nagarhole Tiger Reserve	4
<b>Indonesia</b>	Mount Ciremai National Park	248
<b>Ireland</b>	Slieve Bloom Mountains National Park	500
	Unspecified; Natura2000 Sites*	2 368
<b>Italy</b>	Cavagrande Reserve	10
	Santa Maria al Bagno State Park	10
	Unspecified; Natura2000 Sites*	14 639
<b>Kenya</b>	Mount Kenya National Park	300
<b>Latvia*</b>	Unspecified; Natura2000 Sites	2 546
<b>Mexico</b>	Los Petenes Bioshere Reserve (UNESCO)	350
	Santa Cruz la Vieja National Park	170
	Sian Ka'an Bioshere Reserve (UNESCO)	760

	Sierra San Pedro Mártir National Park	2 310
<b>Morocco*</b>	Unspecified; Natura2000 Sites	217
<b>Netherlands*</b>	Unspecified; Natura2000 Sites	77
<b>New Zealand</b>	The Chatham Islands Reserve	3 000
<b>Nicaragua</b>	Indio Maiz Biological Reserve	7 000
<b>Peru</b>	Bosque de Pómac Historic Sanctuary	120
	Parque Arqueológico de Pikillaqta (Archeological Park)	15
	Tumbes National Park	400
<b>Poland*</b>	Unspecified; Natura2000 Sites	397
<b>Portugal</b>	Peneda Gerês National Park	5
	Sintra-Cascais Nature Reserve (UNESCO)	600
	Unspecified; Natura2000 Sites*	36 541
<b>Romania*</b>	Unspecified; Natura2000 Sites	3 341
<b>South Africa</b>	Montagu Pass Toll House National Monument	Destroyed
<b>Spain*</b>	Unspecified; Natura2000 Sites	11 640
<b>Sweden*</b>	Unspecified; Natura2000 Sites	21 605
<b>Thailand</b>	Mae Sot Nature Reserve	22
<b>Turkey</b>	Soğuksu National Park	1
	Olympos and Beydağları National Park	6
<b>United Kingdom*</b>	Unspecified; Natura2000 Sites	18 032
<b>USA</b>	Big Cypress National Preserve	35 290
	Cape Krusenstern National Monument	74
	Channel Islands National Park	101
	Devils Lake State Park	1
	Eugene and Agnes Meyer Nature Reserve	2
	Fort Osage National Historic Landmark	Damaged
	Franklin-Gordon Wild Rivers National Park	1 500
	Glacier National Park	5 877
	Hawai‘i Volcanoes National Park	1 530
Kings Canyon National Park	10	



	Mesa Verde National Park	75
	Olympic National Park	324
	Paramont Ranch / Malibu Creek State Park (historic town / set)	Destroyed
	Samuel P. Taylor State Park	40
	Sarvis Creek Wilderness Area Nature Reserve	324
	St. Sebastian River Preserve State Park	23
<b>Venezuela</b>	El Ávila National Park	20
<b>Total 2018</b>		<b>421,240 (ha)</b>
Total 2017		530,907 (ha)

\* Sourced from the *Advance EFFIS Report on Forest Fires in Europe, Middle East and North Africa 2018* published by the Joint Research Centre of the European Commission in collaboration with DG ENV, both co-chairs of the Expert Group on Forest Fires, as a preliminary analysis of the 2018 wildfire season.<sup>19</sup>

<sup>19</sup> <https://effis.jrc.ec.europa.eu/reports-and-publications/annual-fire-reports/>

**Table 11.** Summary of reported economic impacts for 2018 in USD<sup>20</sup>

<b>Category</b> <b>Country</b>	<b>Damages</b>	<b>Suppression / Recovery Costs</b>	<b>Insured Losses</b>	<b>Mitigation/ Prevention, Recovery</b>	<b>Revenue Losses (tourism, etc.)</b>	<b>Comments / Other</b>	<b>Total</b>
<b>Australia</b>	35649040	2400000	35000000	22528110			95577150
<b>Canada</b>		300000000			31000000		331000000
<b>India</b>	963098				100000000*	*100m n damages and crop losses over 3-yr period	100963098
<b>Ireland</b>		4000000					4000000
<b>Israel</b>	550000						550000
<b>Italy</b>	10000						10000
<b>Nepal</b>	192800						192800
<b>Peru</b>	302755						302755
<b>South Africa</b>	14129289						14129289
<b>Sweden</b>	94216500						94216500
<b>United Kingdom</b>	76050	745905		505698		505.7K in extra personnel costs	1327653
<b>United States of America</b>	27569000	1162700000	26853000000	3212000000	445000000	445m in emergency loans for fire relief	31700269000
<b>Zimbabwe</b>	25000						25000
<b>Total 2018</b>	<b>~\$173,683,532</b>	<b>~\$1,469,845,905</b>	<b>~\$26,888,000,000</b>	<b>~\$3,235,033,808</b>	<b>~\$576,000,000</b>		<b>~\$32,342,563,245</b> <b>(USD \$32.3 billion)</b>
Total 2017	~\$1,058,175,893	~\$5,279,218,766	~\$15,048,350.000	~\$1,363,480,025	NA		~\$22,749,224,684 (USD \$22.7 billion)

<sup>20</sup> Data for Greece, 2018, are not yet included

## Annex I: People Killed and Injured by Wildland Fires – Overview by Countries

Country	Date	Civilian Death	Civilian Injury	Firefighter Death	Firefighter Injury	Aviation Death	Aviation Injury	Indirect Death	Indirect Injury	Source(s)	Situation	Category	
Australia	02/02/18	1								<a href="https://www.msn.com/en-au/news/australia/man-suffers-burns-in-sa-grass-fire/ar-BBIAA98">https://www.msn.com/en-au/news/australia/man-suffers-burns-in-sa-grass-fire/ar-BBIAA98</a>	1 civilian hospitalized with burns to hand from SA grass fire	1 Burned	
	02/10/18	1								<a href="https://www.themorningbulletin.com.au/news/fire-inundates-cq-man-severely-burning-over-half-h/3332012/">https://www.themorningbulletin.com.au/news/fire-inundates-cq-man-severely-burning-over-half-h/3332012/</a>	1 civilian suffers severe burns over half his body as a result of an escaped debris burn	1 Burned	
	18/3/18	4		1						<a href="http://www.newindianexpress.com/world/2018/mar/19/90-houses-destroyed-by-australia-wildfires-1789292.html">http://www.newindianexpress.com/world/2018/mar/19/90-houses-destroyed-by-australia-wildfires-1789292.html</a>	<b>1 firefighter injured</b> - 4 civilians treated for smoke inhalation and 1 FF with injury (unknown)	4 Smoke Inhalation; 1 FF Unspecified / unknown	
	23/3/18	1								<a href="http://www.abc.net.au/news/2018-03-23/victorian-peat-fires-continue-burning-forcing-residents-to-leave/9579008">http://www.abc.net.au/news/2018-03-23/victorian-peat-fires-continue-burning-forcing-residents-to-leave/9579008</a>	1 civilian hospitalized w/ carbon-monoxide poisoning	1 Smoke Inhalation	
	26/3/18	2								<a href="https://www.theage.com.au/national/victoria/father-and-daughter-recovering-from-carbon-monoxide-poisoning-20180326-p4z6cy.html">https://www.theage.com.au/national/victoria/father-and-daughter-recovering-from-carbon-monoxide-poisoning-20180326-p4z6cy.html</a>	Father and daughter recovering from carbon monoxide poisoning	2 Smoke Inhalation	
	11/08/18							1			<a href="https://www.dailymail.co.uk/news/article-6050261/A-body-search-missing-bushwalker-Nimbin.html">https://www.dailymail.co.uk/news/article-6050261/A-body-search-missing-bushwalker-Nimbin.html</a>	A body found 10 days after man called to report he was trapped / disoriented from fire	1 Unknown CoD
	14/08/18				2						<a href="https://www.qt.com.au/news/firies-injured-permits-cancelled-bush-fire-season-/3492960/">https://www.qt.com.au/news/firies-injured-permits-cancelled-bush-fire-season-/3492960/</a>	<b>2 firefighters injured</b>	2 FF Unspecified / unknown
	15/08/18	1									<a href="https://www.dailyexaminer.com.au/news/rescue-helicopter-dispatched-man-burnt-bushfire/3494162/">https://www.dailyexaminer.com.au/news/rescue-helicopter-dispatched-man-burnt-bushfire/3494162/</a>	Rescue helicopter dispatched to man burnt while driving through fire	1 Burned
	17/08/18					1					<a href="https://www.smh.com.au/national/nsw/pilot-reported-dead-as-fire-fighting-helicopter-crashes-on-nsw-south-coast-20180817-p4zy57.html">https://www.smh.com.au/national/nsw/pilot-reported-dead-as-fire-fighting-helicopter-crashes-on-nsw-south-coast-20180817-p4zy57.html</a>	<b>1 Pilot dead</b> after firefighting helicopter crashes on NSW South Coast	1 FF Aviation-related
	17/08/18				4						<a href="http://alongtheboards.com/2018/08/17/nsw-bushfires-four-firefighters-hurt-after-tanker-rolls.html">http://alongtheboards.com/2018/08/17/nsw-bushfires-four-firefighters-hurt-after-tanker-rolls.html</a>	<b>4 firefighters injured</b> after tanker rolls over	4 FF Vehicle-related
	17/08/18	10									<a href="https://www.ulladullatimes.com.au/story/5591537/despite-thick-bushfire-smoke-local-hospital-admissions-havent-gone-up/">https://www.ulladullatimes.com.au/story/5591537/despite-thick-bushfire-smoke-local-hospital-admissions-havent-gone-up/</a>	Two hospitals treat 10 patients w/ respiratory issues from smoke inhalation due to fires	10 Smoke Inhalation
	07/09/18	1									<a href="https://www.gympietimes.com.au/news/update-person-injured-as-glastonbury-fire-containe/3515005/">https://www.gympietimes.com.au/news/update-person-injured-as-glastonbury-fire-containe/3515005/</a>	1 civilian injured as Glastonbury fire contained	1 Burned
23/09/18	1									<a href="https://www.gympietimes.com.au/news/breaking-prepare-to-">https://www.gympietimes.com.au/news/breaking-prepare-to-</a>	1 civilian suffered minor burns	1 Burned	

Australia									<a href="#">leave-fire-flares-2km-from-woo/3525329/#/0</a>		
	25/10/18						2		<a href="https://m.whitsundaytimes.com.au/news/car-runs-into-grass-fire-bruce-hwy-delays-expected/3558631/">https://m.whitsundaytimes.com.au/news/car-runs-into-grass-fire-bruce-hwy-delays-expected/3558631/</a>	2 people injured in crash: Mini-bus, trailer burnt out after crash	2 Smoke-related accident
	29/11/18			1	5				<a href="https://www.abc.net.au/news/2018-11-29/queensland-bushfire-emergency-homes-lost-but-more-saved/10568946">https://www.abc.net.au/news/2018-11-29/queensland-bushfire-emergency-homes-lost-but-more-saved/10568946</a>	15 Firefighters injured - suffer heat exhaustion	15 FF Heat-related
	01/12/18	1							<a href="https://www.scmp.com/news/asia/australasia/article/2175936/man-dies-australia-bush-fire-queensland-evacuations-continue">https://www.scmp.com/news/asia/australasia/article/2175936/man-dies-australia-bush-fire-queensland-evacuations-continue</a>	1 man dies when he was struck by a tree in Australia bush fire	1 Struck by natural hazard
	01/12/18			1					<a href="https://www.themercury.com.au/subscribe/news/1/?sourceCode=TMWEB_WRE170_a&amp;dest=https%3A%2F%2Fwww.themercury.com.au%2Fnews%2Fnational%2Fvolunteer-rural-firefighter-battling-bushfires-on-mount-fox-injured-by-branch-from-burning-tree%2Fnews-story%2Ffa9bd9e86ebfd480b663f57b34b644a0&amp;memtype=anonymous&amp;mode=premium">https://www.themercury.com.au/subscribe/news/1/?sourceCode=TMWEB_WRE170_a&amp;dest=https%3A%2F%2Fwww.themercury.com.au%2Fnews%2Fnational%2Fvolunteer-rural-firefighter-battling-bushfires-on-mount-fox-injured-by-branch-from-burning-tree%2Fnews-story%2Ffa9bd9e86ebfd480b663f57b34b644a0&amp;memtype=anonymous&amp;mode=premium</a>	1 firefighter injured (volunteer) by branch from burning tree	1 FF Struck by natural hazard
	07/12/18			1					<a href="https://www.theage.com.au/national/victoria/victoria-bushfires-live-homes-evacuated-as-fast-moving-grass-fire-threatens-little-river-20181207-p50kv1.html">https://www.theage.com.au/national/victoria/victoria-bushfires-live-homes-evacuated-as-fast-moving-grass-fire-threatens-little-river-20181207-p50kv1.html</a>	1 Firefighter injured - hospitalized for smoke inhalation	1 FF Smoke inhalation
	30/12/18			3					<a href="https://www.news.com.au/technology/environment/firefighters-have-been-injured-while-tackling-a-nsw-bushfire/news-story/a62717a5e4aa2ccfa97e382c0ac97ad0">https://www.news.com.au/technology/environment/firefighters-have-been-injured-while-tackling-a-nsw-bushfire/news-story/a62717a5e4aa2ccfa97e382c0ac97ad0</a>	3 Firefighters injured, 1 FF hospitalized	3 FF Unspecified / unknown
Bolivia	18/09/18	2	2						<a href="http://www.opinion.com.bo/opinion/articulos/noticias.php?a=2018&amp;md=0918&amp;id=267241">http://www.opinion.com.bo/opinion/articulos/noticias.php?a=2018&amp;md=0918&amp;id=267241</a>	4 people hospitalized, 2 died later (age 12, 16)	4 Burned
Canada	05/03/18			2					<a href="https://www.cbc.ca/news/canada/manitoba/grass-fire-smoke-inhalation-winnipeg-1.4646242">https://www.cbc.ca/news/canada/manitoba/grass-fire-smoke-inhalation-winnipeg-1.4646242</a>	2 firefighters injured: surrounded but escape grass fire with smoke inhalation injuries	2 FF Smoke inhalation
	05/06/18	2							<a href="https://edmontonsun.com/news/local-news/two-dead-following-brush-fire/wcm/44a06f42-5bee-4d78-ba84-d7c452178d76">https://edmontonsun.com/news/local-news/two-dead-following-brush-fire/wcm/44a06f42-5bee-4d78-ba84-d7c452178d76</a>	Two dead following brush fire	2 Burned
	05/06/18			1					<a href="https://www.cbc.ca/news/canada/saskatoon/major-grass-fire-under-control-after-home-damaged-1.4650710">https://www.cbc.ca/news/canada/saskatoon/major-grass-fire-under-control-after-home-damaged-1.4650710</a>	1 person suffered minor burns	1 Burned
	05/08/18			1					<a href="https://www.pembinavalleyonline.com/local/carman-dufferin-firefighter-admitted-to-hospital-after-bush-fire">https://www.pembinavalleyonline.com/local/carman-dufferin-firefighter-admitted-to-hospital-after-bush-fire</a>	1 Firefighter injured - hospitalized for heat exhaustion and dehydration	1 FF Heat-related
	09/07/18		1						<a href="https://torontosun.com/news/provincial/roughly-20-homes-evacuated-in-temagami-ont-area-due-to-forest-fire">https://torontosun.com/news/provincial/roughly-20-homes-evacuated-in-temagami-ont-area-due-to-forest-fire</a>	1 person suffers smoke-induced asthma attack	1 Smoke inhalation
	14/07/18						1		<a href="https://nanaimonewsnow.com/2018/07/14/distracting-bush-fire-causes-fatal-crash-on-nanaimo-parkway/">https://nanaimonewsnow.com/2018/07/14/distracting-bush-fire-causes-fatal-crash-on-nanaimo-parkway/</a>	Distracting bush fire causes fatal crash on Nanaimo Parkway, killing 1 person	1 Smoke-related accident
	27/07/18			1					<a href="https://globalnews.ca/news/4357916/alberta-firefighter-dies-red-lake-ontario/">https://globalnews.ca/news/4357916/alberta-firefighter-dies-red-lake-ontario/</a>	1 firefighter dies while helping battle Ontario blaze	1 FF Medical emergency
	09/08/18	1							<a href="https://www.citynews1130.com/2018/08/09/horseshoe-bay-">https://www.citynews1130.com/2018/08/09/horseshoe-bay-</a>	1 employee died while on-duty delivering	1 Medical

Canada								<a href="#">vancouver-island-wildfire/</a>	supplies to firefighters	emergency
	30/08/18	1						<a href="https://www.thefreepress.ca/news/small-town-firefighters-rise-above-stress-at-grizzly-scene/">https://www.thefreepress.ca/news/small-town-firefighters-rise-above-stress-at-grizzly-scene/</a>	1 civilian suffered burns and self-inflicted wounds	1 Burned
Central African Republic	21/11/18	3						<a href="https://www.journalducameroun.com/en/three-killed-in-car-bushfire/">https://www.journalducameroun.com/en/three-killed-in-car-bushfire/</a>	Three killed in a bushfire	3 Burned
Chile	13/2/18			1				<a href="https://www.prensadelsur.cl/voluntario-quemado-presenta-avances-la-araucania-ya-puede-respirar/">https://www.prensadelsur.cl/voluntario-quemado-presenta-avances-la-araucania-ya-puede-respirar/</a>	<b>1 firefighter injured</b> (volunteer) suffers severe burns to 80% of body	1 FF Burned
	05/12/18	1						<a href="https://www.biobiochile.cl/noticias/nacional/region-de-la-araucania/2018/12/05/hombre-muere-en-collipulli-realizaba-quema-agricola-que-se-convirtio-en-incendio-forestal.shtml">https://www.biobiochile.cl/noticias/nacional/region-de-la-araucania/2018/12/05/hombre-muere-en-collipulli-realizaba-quema-agricola-que-se-convirtio-en-incendio-forestal.shtml</a>	1 man dies in escaped agricultural fire	1 Burned
	11/12/18		4					<a href="https://www.ahoranoticias.cl/noticias/nacional/243838-incendios-forestales-provocan-diversos-problemas-en-santiago-debido-al-humo.html">https://www.ahoranoticias.cl/noticias/nacional/243838-incendios-forestales-provocan-diversos-problemas-en-santiago-debido-al-humo.html</a>	4 civilians were treated for smoke inhalation	4 Smoke inhalation
	25/12/18		1					<a href="https://www.biobiochile.cl/noticias/nacional/region-de-ohiggins/2018/12/25/decretan-alerta-roja-para-pichilemu-por-incendio-forestal-ha-afectado-15-hectareas-y-destruido-casa.shtml">https://www.biobiochile.cl/noticias/nacional/region-de-ohiggins/2018/12/25/decretan-alerta-roja-para-pichilemu-por-incendio-forestal-ha-afectado-15-hectareas-y-destruido-casa.shtml</a>	1 woman in critical condition after severely burned in forest fire which burned her house	1 Burned
	30/12/18		1					<a href="https://www.radioagricultura.cl/nacional/2018/12/30/38-damnificados-estran-albergados-en-puente-alto-tras-voraz-incendio.html">https://www.radioagricultura.cl/nacional/2018/12/30/38-damnificados-estran-albergados-en-puente-alto-tras-voraz-incendio.html</a>	1 civilian was injured	1 Unspecified / unknown
China	Final report	3	3	3	1			Communicated by Dr. Shu lifu, Director, Research Station of Forest Fire, Institute of Forest Ecology, Environment and Protection of The Chinese Academy of Forestry	<b>33 firefighters killed, 1 firefighter injured:</b> 27 firefighters and three locals were killed while fighting fire; separately, six firefighters killed and 1 injured in wildfire entrapment.	34 FF Burned 3 Burned
Colombia	16/1/18	1						<a href="http://www.eltiempo.com/colombia/otras-ciudades/incendio-forestal-cobra-una-vida-en-santa-marta-171512">http://www.eltiempo.com/colombia/otras-ciudades/incendio-forestal-cobra-una-vida-en-santa-marta-171512</a>	1 woman dies after suffering burns to 95% of body	1 Burned
	14/3/18				3			<a href="http://www.proceso.hn/nacionales/9-nacionales/casi-24-horas-lleva-extenso-incendio-forestal-en-el-hatillo.html">http://www.proceso.hn/nacionales/9-nacionales/casi-24-horas-lleva-extenso-incendio-forestal-en-el-hatillo.html</a>	<b>~3 firefighters injured:</b> affected by smoke inhalation	3 FF Smoke inhalation
Cyprus	21/06/18				1			<a href="https://cyprus-mail.com/2018/06/21/major-fire-in-forest-near-pano-pyrgos/">https://cyprus-mail.com/2018/06/21/major-fire-in-forest-near-pano-pyrgos/</a>	<b>1 firefighter injured</b> (forest ranger engaged in firefighting efforts) hospitalized;	1 FF Unspecified / unknown
DRC	24/07/18		1					<a href="https://www.nrc.no/news/2018/july/children-in-congo-traumatised-by-war/">https://www.nrc.no/news/2018/july/children-in-congo-traumatised-by-war/</a>	Child receives severe burns to foot	1 Burned
Ecuador	07/09/18				1			<a href="http://www.teleamazonas.com/2018/09/incendio-forestal-consumio-varias-hectareas-en-el-trebol/">http://www.teleamazonas.com/2018/09/incendio-forestal-consumio-varias-hectareas-en-el-trebol/</a>	<b>1 firefighter injured</b>	1 FF Unspecified / unknown
	21/10/18		3					<a href="https://www.elcomercio.com/actualidad/incendio-forestal-provoca-evacuacion-especies.html">https://www.elcomercio.com/actualidad/incendio-forestal-provoca-evacuacion-especies.html</a>	Several civilians treated for smoke inhalation	3 Smoke inhalation
France	01/04/18		3					<a href="https://www.francetvinfo.fr/france/corse/corse/incendies-en-haute-corse-au-moins-1500hectares-parcours-des-habitants-">https://www.francetvinfo.fr/france/corse/corse/incendies-en-haute-corse-au-moins-1500hectares-parcours-des-habitants-</a>	3 civilians injured, 1 of which was hospitalized: 1 smoke inhalation, 1 burns to eye, 1 shoulder	1 Smoke inhalation, 1 Burned

									<a href="https://www.corsematin.com/article/article/incendie-de-chiatria-on-ne-trouve-pas-les-mots-tellement-cest-horrible">evacues-ou-confines_2544685.html</a> Update: <a href="https://www.corsematin.com/article/article/incendie-de-chiatria-on-ne-trouve-pas-les-mots-tellement-cest-horrible">https://www.corsematin.com/article/article/incendie-de-chiatria-on-ne-trouve-pas-les-mots-tellement-cest-horrible</a>	injury	1 Broken bones etc.
	06/10/18		1						<a href="https://www.francebleu.fr/infos/faits-divers-justice/correze-7-hectares-de-vegetation-sont-partis-en-fumee-a-brignac-la-plaine-1538842339">https://www.francebleu.fr/infos/faits-divers-justice/correze-7-hectares-de-vegetation-sont-partis-en-fumee-a-brignac-la-plaine-1538842339</a>	One person was hospitalized w/ unk. injuries	1 Unspecified / unknown
<b>Georgia</b>	06/09/18			1					<a href="https://www.radiotavisupleba.ge/a/29474655.html">https://www.radiotavisupleba.ge/a/29474655.html</a>	<b>1 firefighter injured</b> – struck by tree	1 FF Struck by natural hazard
<b>Germany</b>	07/08/18		4						<a href="https://www.derwesten.de/region/flaechenbrand-in-siegburg-30-verletzte-bahnstrecke-gesperrt-id215033329.html">https://www.derwesten.de/region/flaechenbrand-in-siegburg-30-verletzte-bahnstrecke-gesperrt-id215033329.html</a>	About 40 people were injured in a WUI fire; 12 more seriously injured the rest mostly smoke inhalation	6 Burned 12 Unspecif / unk. 22 Smoke inhalation
	25/08/18				6				Täglicher Lagebericht des Gemeinsamen Melde- und Lagezentrums von Bund und Ländern (GMLZ)	<b>6 firefighters injured</b> (minor)	6 FF Unspecified / unknown
<b>Greece</b>	23/07/18	1	1						<a href="https://www.reuters.com/article/us-greece-wildfire/greeks-flee-wildfire-raging-west-of-athens-idUSKBN1KD1F9">https://www.reuters.com/article/us-greece-wildfire/greeks-flee-wildfire-raging-west-of-athens-idUSKBN1KD1F9</a> Update: <a href="https://www.tagesanzeiger.ch/ausland/europa/der-tragoedie-zweiter-teil/story/21381557">https://www.tagesanzeiger.ch/ausland/europa/der-tragoedie-zweiter-teil/story/21381557</a>	Wildfires kill at least 74 in Greece's 'Pompeii' final victims succumbed to burns in 2019	289 Burned
	27/09/18				2				<a href="https://www.thepressroom.gr/ellada/kephalonia-nea-pyrkagia-sto-chorio-pastra-ekkenonetai-proleptika-gymnasio-lykeio-tes">https://www.thepressroom.gr/ellada/kephalonia-nea-pyrkagia-sto-chorio-pastra-ekkenonetai-proleptika-gymnasio-lykeio-tes</a>	<b>2 firefighters injured</b> - were hospitalized with broken bones	2 FF Broken bones etc.
<b>Guatamala</b>	20/3/18		2						<a href="https://www.prensalibre.com/guatemala/sucesos/rescatan-a-menores-afectados-por-incendio-forestal-en-la-zona-13">https://www.prensalibre.com/guatemala/sucesos/rescatan-a-menores-afectados-por-incendio-forestal-en-la-zona-13</a>	2 children hospitalized for smoke inhalation	2 Smoke inhalation
<b>Honduras</b>	25/3/18	1							<a href="http://www.proceso.hn/mas-noticias/32-más-noticias/septuagenario-fallece-al-intentar-apagar-incendio-forestal-en-occidente-de-honduras.html">http://www.proceso.hn/mas-noticias/32-más-noticias/septuagenario-fallece-al-intentar-apagar-incendio-forestal-en-occidente-de-honduras.html</a>	1 civilian died of burns / suffocation	1 Burned
	25/4/18			3	2				<a href="https://www.nacion.com/el-mundo/interes-humano/dos-bomberos-fallecen-mientras-combatian-incendio/SCEGSTR4BHLFNUGYT5BRMFTZA/story/">https://www.nacion.com/el-mundo/interes-humano/dos-bomberos-fallecen-mientras-combatian-incendio/SCEGSTR4BHLFNUGYT5BRMFTZA/story/</a> Update: <a href="http://www.latribuna.hn/2018/05/02/muere-bombero-hondureno-mexico/">http://www.latribuna.hn/2018/05/02/muere-bombero-hondureno-mexico/</a>	<b>3 firefighters died, 2 firefighters injured:</b> Honduran FF was flown to MX for better treatment, where he died	5 FF Burned
	05/07/18	2							<a href="http://www.latribuna.hn/2018/05/07/octogenario-muere-atrapado-fuego/">http://www.latribuna.hn/2018/05/07/octogenario-muere-atrapado-fuego/</a>	2 civilians died in separate incidents, both as a result of escaped agricultural fires	2 Burned
	15/5/18							1	<a href="http://proceso.hn/mas-noticias/32-más-noticias/hallan-cadaver-de-una-menor-cuando-apagaban-incendio-forestal-en-copan.html">http://proceso.hn/mas-noticias/32-más-noticias/hallan-cadaver-de-una-menor-cuando-apagaban-incendio-forestal-en-copan.html</a>	Body found, undetermined CoD: either murdered or burned	1 Burned
<b>India</b>	15/1/18			1					<a href="https://punemirror.indiatimes.com/pune/civic/forest-guard-declared-martyr-for-fighting-fire/articleshow/62499702.cms">https://punemirror.indiatimes.com/pune/civic/forest-guard-declared-martyr-for-fighting-fire/articleshow/62499702.cms</a>	<b>1 firefighter died</b> (forest guard) from burns sustained on 28.12.17 fighting fire	1 FF Burned
	13/3/18	2	7						<a href="https://www.thehindu.com/news/national/tamil-nadu/theni-forest-fire-toll-mounts-to-11-forest-officer-suspended/article23228254.ece">https://www.thehindu.com/news/national/tamil-nadu/theni-forest-fire-toll-mounts-to-11-forest-officer-suspended/article23228254.ece</a> Update:	23 civilians dead and 7 were injured when they were entrapped in a forest fire while hiking in an illegitimate tour; all were badly	30 Burned

								<a href="https://timesofindia.indiatimes.com/city/madurai/forest-fire-toll-rises-to-16-as-2-more-women-die-4-critical/articleshow/63338256.cms">https://timesofindia.indiatimes.com/city/madurai/forest-fire-toll-rises-to-16-as-2-more-women-die-4-critical/articleshow/63338256.cms</a>	burned; numerous deaths in hospital days later	
	31/3/18			5				<a href="https://www.greaterkashmir.com/news/kashmir/forest-fire-in-bandipora-injures-5-employees/280412.html">https://www.greaterkashmir.com/news/kashmir/forest-fire-in-bandipora-injures-5-employees/280412.html</a>	<b>5 firefighters injured</b> (severely burned) in fire (forest workers engaged in firefighting)	5 FF Burned
	30/5/18	2	1					<a href="https://timesofindia.indiatimes.com/city/shimla/24-year-old-killed-another-injured-in-forest-fire-in-kangra/articleshow/64376152.cms">https://timesofindia.indiatimes.com/city/shimla/24-year-old-killed-another-injured-in-forest-fire-in-kangra/articleshow/64376152.cms</a>	24-year-old killed, another injured in forest fire in Kangra; 1 previously unreported death, 2 severely burned - succumbing to burns	3 Burned
<b>Indonesia</b>	23/08/18	6						<a href="https://www.thejakartapost.com/news/2018/08/23/impacts-of-forest-fires-kill-four-in-w-kalimantan.html">https://www.thejakartapost.com/news/2018/08/23/impacts-of-forest-fires-kill-four-in-w-kalimantan.html</a> Update: <a href="https://en.antaranews.com/news/122430/governor-calls-on-people-to-cultivate-peatlands-for-farming">https://en.antaranews.com/news/122430/governor-calls-on-people-to-cultivate-peatlands-for-farming</a>	Impacts of forest fires kill four in W. Kalimantan: 3 from severe burns, 1 smoke inhalation	3 Burned;1 Smoke Inhalation
<b>Iran</b>	27/08/18			4				<a href="https://financialtribune.com/articles/environment/92486/ham-fisted-response-costs-lives-in-kurdistan-forest-fire">https://financialtribune.com/articles/environment/92486/ham-fisted-response-costs-lives-in-kurdistan-forest-fire</a>	<b>4 firefighters died</b> - NGO personnel fighting fire - acting as FFs	4 FF Burned
<b>Israel</b>	05/10/18			5				<a href="https://www.timesofisrael.com/residents-evacuated-as-brushfire-rages-in-southern-israel-moshav/">https://www.timesofisrael.com/residents-evacuated-as-brushfire-rages-in-southern-israel-moshav/</a>	<b>5 Firefighters injured</b> ; one hospitalized; minor injuries	5 FF Unspecified / unknown
	22/08/18			1				<a href="https://www.jpost.com/Breaking-News/Fire-blazes-in-residential-area-in-Jerusalem-dozens-evacuated-569979">https://www.jpost.com/Breaking-News/Fire-blazes-in-residential-area-in-Jerusalem-dozens-evacuated-569979</a>	<b>1 firefighter injured</b> - suffered minor injury	1 FF Unspecified / unknown
<b>Italy</b>	06/07/18		1					<a href="http://www.quicosenza.it/news/provincia-cosenza/226199-incendio-minaccia-le-abitazioni-di-due-comuni-del-cosentino-donna-soccorsa-dal-118">http://www.quicosenza.it/news/provincia-cosenza/226199-incendio-minaccia-le-abitazioni-di-due-comuni-del-cosentino-donna-soccorsa-dal-118</a>	1 civilian hospitalized	1 Smoke inhalation
<b>Mexico</b>	29/4/18			3	2			<a href="https://www.informador.mx/jalisco/Mueren-brigadistas-en-lucha-contra-incendio-forestal-20180429-0023.html">https://www.informador.mx/jalisco/Mueren-brigadistas-en-lucha-contra-incendio-forestal-20180429-0023.html</a>	<b>3 firefighters died and 2 injured</b> when trapped in forest fire	5 FF Burned
	16/5/18	1						<a href="http://intoleranciadiario.com/detalle_noticia/166713/inseguridad/murio-al-intentar-controlar-un-incendio-en-el-cerro-de-santa-maria-ocotepec">http://intoleranciadiario.com/detalle_noticia/166713/inseguridad/murio-al-intentar-controlar-un-incendio-en-el-cerro-de-santa-maria-ocotepec</a>	1 civilian died – non-FF volunteer died trying to help	1 Burned
	04/06/18	1						<a href="https://opinionsonora.com/2018/06/04/muere-hombre-durante-combate-de-incendio-forestal-en-quiriego-sonora/">https://opinionsonora.com/2018/06/04/muere-hombre-durante-combate-de-incendio-forestal-en-quiriego-sonora/</a>	1 volunteer (non-FF) died trying to help of burned, smoke-inhalation	1 Burned
<b>Nepal</b>	15/1/18	2	1					<a href="http://kathmandupost.ekantipur.com/news/2018-01-15/two-dead-in-rukum-forest-fire.html">http://kathmandupost.ekantipur.com/news/2018-01-15/two-dead-in-rukum-forest-fire.html</a>	2 civilians died in Rukum forest fire; 1 seriously burned	3 Burned
	26/3/18	1						<a href="https://thehimalayantimes.com/nepal/1-dead-as-fire-destroys-13-community-forests-in-dhankuta/">https://thehimalayantimes.com/nepal/1-dead-as-fire-destroys-13-community-forests-in-dhankuta/</a>	1 dead as fire destroys 13 community forests in Dhankuta	1 Burned
	04/06/18			1				<a href="http://kathmandupost.ekantipur.com/news/2018-04-06/fires-damage-2300-hectares-of-forest-so-far-this-season.html">http://kathmandupost.ekantipur.com/news/2018-04-06/fires-damage-2300-hectares-of-forest-so-far-this-season.html</a>	<b>1 firefighter injured</b> (forest worker engaged in firefighting)	1 FF Burned
<b>New Zealand</b>	01/10/18				1			<a href="https://www.smh.com.au/national/nsw/helicopter-pilot-visiting-nsw-to-fight-bushfires-killed-in-hit-and-run-20181001-p5076h.html">https://www.smh.com.au/national/nsw/helicopter-pilot-visiting-nsw-to-fight-bushfires-killed-in-hit-and-run-20181001-p5076h.html</a>	<b>1 Helicopter pilot died</b> - visiting NSW to fight bushfires killed in hit-and-run (while assigned to a fire in AU)	1 FF Vehicle-related
<b>Norway</b>	16/07/18			1				<a href="https://www.thelocal.no/20180716/norway-calls-in-military-to-relieve-exhausted-fire-service-as-one-dies-fighting-forest-blaze">https://www.thelocal.no/20180716/norway-calls-in-military-to-relieve-exhausted-fire-service-as-one-dies-fighting-forest-blaze</a>	<b>1 firefighter dies</b> fighting forest blaze (died in hospital)	1 FF Medical emergency

Portugal	02/08/18			1				<a href="https://www.cmjornal.pt/portugal/detalhe/alerta-cm--sete-meios-aereos-combatem-incendio-em-castelo-branco">https://www.cmjornal.pt/portugal/detalhe/alerta-cm--sete-meios-aereos-combatem-incendio-em-castelo-branco</a>	<b>1 firefighter injured</b> by falling rock, caused by water drop	1 FF Struck by natural hazard
Portugal	06/08/18	3	0					<a href="https://www.focus.de/panorama/welt/portugal-waldbrand-wuetet-an-der-algarve-mindestens-24-verletzte_id_9370055.html">https://www.focus.de/panorama/welt/portugal-waldbrand-wuetet-an-der-algarve-mindestens-24-verletzte_id_9370055.html</a> Update: <a href="https://www.irishtimes.com/news/world/europe/homes-and-hotels-evacuated-as-portugal-wildfire-burns-for-fourth-day-1.3587818">https://www.irishtimes.com/news/world/europe/homes-and-hotels-evacuated-as-portugal-wildfire-burns-for-fourth-day-1.3587818</a>	30 civilians injured in fire: light burns and smoke inhalation; 1 seriously burned	~10 Burned ~20 Smoke inhalation
	11/09/18			3				<a href="https://www.publico.pt/2018/09/11/sociedade/noticia/incendio-em-santarem-obriga-a-corte-da-a15-nos-dois-sentidos-1843738">https://www.publico.pt/2018/09/11/sociedade/noticia/incendio-em-santarem-obriga-a-corte-da-a15-nos-dois-sentidos-1843738</a>	<b>3 firefighters injured</b> – hospitalized with minor injuries: 1 burn, 2 sprains	1 FF Burned 2 FF Broken bones etc.
	02/10/18			2				<a href="https://www.dn.pt/lusa/interior/incendios-dois-bombeiros-feridos-em-fogo-que-mobiliza-mais-de-160-operacionais-em-trancoso-9936838.html">https://www.dn.pt/lusa/interior/incendios-dois-bombeiros-feridos-em-fogo-que-mobiliza-mais-de-160-operacionais-em-trancoso-9936838.html</a>	<b>2 firefighters injured:</b> suffer leg injuries	2 FF Broken bones etc.
	08/10/18	1		2	0			<a href="https://www.nwaonline.com/news/2018/oct/08/1-18-2-1-18-2-birthday-wishes-pour-in-f/?news-world">https://www.nwaonline.com/news/2018/oct/08/1-18-2-1-18-2-birthday-wishes-pour-in-f/?news-world</a> Update: <a href="https://ionline.sapo.pt/629000">https://ionline.sapo.pt/629000</a>	<b>20 firefighters injured</b> – & 1 civilian; 10 FF and one civilian hospitalized; 10 FF treated at scene. All injuries minor related to eye and lower limb trauma, sprains & dislocations	20 FF Broken bones etc. 1 Broken bones etc.
Russia	23/5/18			1				<a href="http://www.interfax-russia.ru/FarEast/news.asp?sec=1672&amp;id=935967">http://www.interfax-russia.ru/FarEast/news.asp?sec=1672&amp;id=935967</a>	<b>1 firefighter killed</b> when struck by a tree	1 FF Struck by natural hazard
Russia	20/5/18			2				<a href="https://tass.ru/proisshestviya/5216274">https://tass.ru/proisshestviya/5216274</a>	<b>2 firefighters killed</b>	2 FF Unspecified / unknown
South Africa	02/06/18			2				<a href="http://ewn.co.za/2018/02/06/counselling-provided-for-family-of-firefighter-killed-near-klapmuts">http://ewn.co.za/2018/02/06/counselling-provided-for-family-of-firefighter-killed-near-klapmuts</a> and <a href="https://ewn.co.za/2018/02/06/firefighter-dies-while-battling-franschhoek-fire">https://ewn.co.za/2018/02/06/firefighter-dies-while-battling-franschhoek-fire</a>	<b>2 firefighters killed</b> (separate incidents) 1 burned; collapse: 1 firefighter dies while suppressing; 1 FF dies collapsing after a fire considered as LoD death	1 FF Burned; 1 FF Medical emergency
	02/09/18			1				<a href="http://www.firefighterclosecalls.com/za-firefighter-injured-at-wildfire/">http://www.firefighterclosecalls.com/za-firefighter-injured-at-wildfire/</a>	<b>1 firefighter injured</b> - serious burns to hands and face; hospitalized	1 FF Burned
	18/3/18						1	<a href="https://www.news24.com/SouthAfrica/News/sixteen-injured-in-five-car-collision-in-cape-town-20180318">https://www.news24.com/SouthAfrica/News/sixteen-injured-in-five-car-collision-in-cape-town-20180318</a>	Sixteen injured in five-car collision in Cape Town; smoke induced vehicle pile-up	16 Smoke-related accident
	07/06/18						1	<a href="https://ridgetimes.co.za/116648/10-cars-crash-into-each-other/">https://ridgetimes.co.za/116648/10-cars-crash-into-each-other/</a>	Poor visibility due to a veld fire results in ten car pile-up: unspecified injuries	1 Smoke-related accident
	18/06/18	1						<a href="https://www.news24.com/SouthAfrica/News/wheelchair-bound-man-burnt-beyond-recognition-in-veld-fire-20180618">https://www.news24.com/SouthAfrica/News/wheelchair-bound-man-burnt-beyond-recognition-in-veld-fire-20180618</a>	Wheelchair-bound man burnt beyond recognition in veld fire	1 Burned
	06/07/18						2	<a href="https://ridgetimes.co.za/119038/truck-rams-car-thick-smoke-graceland-road/">https://ridgetimes.co.za/119038/truck-rams-car-thick-smoke-graceland-road/</a>	2 civilians were hospitalized with minor injuries	2 Smoke-related accident
	13/09/18		1					<a href="https://rekordnorth.co.za/136920/video-retired-man-severely-burned-fighting-north-fire/">https://rekordnorth.co.za/136920/video-retired-man-severely-burned-fighting-north-fire/</a>	Retired man severely burned fighting North fire	1 Burned
	19/09/18	1						<a href="https://www.news24.com/SouthAfrica/News/heroic-free-state-teenager-succumbs-to-his-burn-wounds-20180919">https://www.news24.com/SouthAfrica/News/heroic-free-state-teenager-succumbs-to-his-burn-wounds-20180919</a>	1 teenager succumbs to his burn wounds in hospital	1 Burned



South Africa	08/10/18	1	1						<a href="https://rekordnorth.co.za/138294/north-father-son-critical-fighting-veld-fire/?repeat=w3tc">https://rekordnorth.co.za/138294/north-father-son-critical-fighting-veld-fire/?repeat=w3tc</a> Update: <a href="https://rekordnorth.co.za/138345/update-son-dies-after-fighting-fire-in-the-north-with-dad-2/">https://rekordnorth.co.za/138345/update-son-dies-after-fighting-fire-in-the-north-with-dad-2/</a>	North father and son critical after fighting veld fire; son succumbed to burns	2 Burned
	23/10/18				1				<a href="https://www.news24.com/SouthAfrica/News/just-in-firefighting-pilot-killed-as-helicopter-goes-down-while-fighting-blaze-20181023">https://www.news24.com/SouthAfrica/News/just-in-firefighting-pilot-killed-as-helicopter-goes-down-while-fighting-blaze-20181023</a>	<b>1 Firefighting pilot killed</b> as helicopter goes down while fighting Garden Route blaze	1 FF Aircraft-related
	29/10/18	9							<a href="https://www.heraldive.co.za/news/2018-10-29-four-people-including-a-baby-killed-in-western-cape-forest-fire/">https://www.heraldive.co.za/news/2018-10-29-four-people-including-a-baby-killed-in-western-cape-forest-fire/</a> Update: <a href="https://www.iol.co.za/capeargus/news/death-toll-in-garden-route-fires-rises-to-9-1500-displaced-17713202">https://www.iol.co.za/capeargus/news/death-toll-in-garden-route-fires-rises-to-9-1500-displaced-17713202</a>	9 civilians killed in Western Cape forest fire	9 Burned
	09/11/18			1	2				<a href="http://www.fireandrescue.co/news-9-november-cwdm.html">http://www.fireandrescue.co/news-9-november-cwdm.html</a>	<b>3 firefighters injured</b> in vehicle accident returning from a fire	3 FF Vehicle-related
Spain	26/4/18	1							<a href="https://archive.euroweeklynews.com/news/on-euro-weekly-news/spain-news-in-english/1472441-elderly-man-found-dead-after-forest-fire-in-spain">https://archive.euroweeklynews.com/news/on-euro-weekly-news/spain-news-in-english/1472441-elderly-man-found-dead-after-forest-fire-in-spain</a>	Elderly man found dead after forest fire in Spain	1 Burned
Turkey	25/09/19				1				<a href="https://www.gunes.com/gundem/aksaraydaki-orman-yangini-50-saat-sonra-kontrol-altina-alindi-913157">https://www.gunes.com/gundem/aksaraydaki-orman-yangini-50-saat-sonra-kontrol-altina-alindi-913157</a>	<b>1 firefighter injured</b> - broken leg and ankle	1 FF Broken bones etc.
Uganda	02/06/18	2							<a href="https://www.newvision.co.ug/new_vision/news/1470626/twins-perish">https://www.newvision.co.ug/new_vision/news/1470626/twins-perish</a>	Twins perish in Kibaale fire: 2-mo-old twin babies; land preparation fire nearby	2 Burned
UK	21/5/18				1				<a href="https://www.bbc.com/news/uk-scotland-44188555">https://www.bbc.com/news/uk-scotland-44188555</a>	<b>1 firefighter injured</b> - leg injury	1 FF Broken bones etc.
United Arab Emirates	10/12/18		1						<a href="https://www.thenational.ae/uae/boy-burned-after-setting-fire-to-lawn-of-abandoned-villa-1.801231">https://www.thenational.ae/uae/boy-burned-after-setting-fire-to-lawn-of-abandoned-villa-1.801231</a>	Boy burned after setting fire to lawn of abandoned villa moderately burned –	1 Burned
USA	01/05/18	1							<a href="http://www.thegardenisland.com/2018/01/05/hawaii-news/no-foul-play-suspected-in-womans-death/">http://www.thegardenisland.com/2018/01/05/hawaii-news/no-foul-play-suspected-in-womans-death/</a>	No foul play suspected in woman's death (autopsy / CoD inconclusive)	1 Unspecified / unknown
	01/10/18		1						<a href="https://www.frasercoastchronicle.com.au/news/grass-fire-man-taken-to-hospital-with-burns/3307182/">https://www.frasercoastchronicle.com.au/news/grass-fire-man-taken-to-hospital-with-burns/3307182/</a>	1 Man taken to hospital with burns to hand	1 Burned
	01/12/18	1							<a href="http://www.thelancasternews.com/content/kershaw-man-79-dies-brush-fire-injuries">http://www.thelancasternews.com/content/kershaw-man-79-dies-brush-fire-injuries</a>	Kershaw man, 79, dies from brush-fire injuries	1 Burned
	26/18	1							<a href="https://www.ajc.com/news/crime--law/firefighters-find-body-man-buckhead/Daugsbfcyb5w4OR5aT8b8H/">https://www.ajc.com/news/crime--law/firefighters-find-body-man-buckhead/Daugsbfcyb5w4OR5aT8b8H/</a>	Firefighters find body of man in Buckhead; no foul play suspected, but CoD not specified	1 Unspecified / unknown
	31/01/18							1	<a href="https://www.navbug.com/article314363306_arch20180201/crash-blamed-on-blinding-smoke-wolfforth-apos-s-texas-a-m-forest-service-crews-expect-lingering-fire-threat-lubboc-konline.htm">https://www.navbug.com/article314363306_arch20180201/crash-blamed-on-blinding-smoke-wolfforth-apos-s-texas-a-m-forest-service-crews-expect-lingering-fire-threat-lubboc-konline.htm</a>	Crash blamed on blinding smoke; 1 person injured	Smoke-related accident
	02/06/18	1							<a href="http://www.kltv.com/story/37430987/identity-released-of-woman-killed-in-gregg-county-weekend-fire">http://www.kltv.com/story/37430987/identity-released-of-woman-killed-in-gregg-county-weekend-fire</a>	1 woman killed in Gregg County weekend fire; accidental from debris burning	1 Burned

USA	16/2/18	1							<a href="https://whdh.com/news/firefighters-battling-brush-fire-find-badly-burned-body-along-route-1-in-chelsea/">https://whdh.com/news/firefighters-battling-brush-fire-find-badly-burned-body-along-route-1-in-chelsea/</a>	Firefighters battling brush fire find badly burned body along Route 1 in Chelsea	1 Burned
	15/2/18			5					<a href="https://www.usnews.com/news/best-states/missouri/articles/2018-02-15/4-firefighters-suffer-non-life-threatening-injuries-at-fire">https://www.usnews.com/news/best-states/missouri/articles/2018-02-15/4-firefighters-suffer-non-life-threatening-injuries-at-fire</a>	<b>5 firefighters injured:</b> 1 burn injury, 1 eye injury, 1 shoulder injury, 1 heat exhaustion, 1 unk. – 2 FF hospitalized	1 FF Burned 1 FF Heat-related 2 FF Broken bones 1 FF Unspecified
	03/01/18			3					<a href="https://www.fireapparatusmagazine.com/articles/pt/2018/03/3-new-london-vfd-firefighters-recovering-after-rollover-wreck.html">https://www.fireapparatusmagazine.com/articles/pt/2018/03/3-new-london-vfd-firefighters-recovering-after-rollover-wreck.html</a>	<b>3 firefighters injured:</b> recovering after rollover wreck (hospitalized) – water tender rollover	3 FF Vehicle-related
	03/08/18	1							<a href="http://www.foxnews.com/us/2018/03/07/firefighters-battling-wildfires-in-kansas-nebraska.html">http://www.foxnews.com/us/2018/03/07/firefighters-battling-wildfires-in-kansas-nebraska.html</a>	1 civilian badly burned and sent to burn center	1 Burned
	16/3/18	1							<a href="https://www.tbo.com/news/publicsafety/fire/Man-83-killed-as-Wimauma-home-fire-spreads-to-nearby-brush_166435787">https://www.tbo.com/news/publicsafety/fire/Man-83-killed-as-Wimauma-home-fire-spreads-to-nearby-brush_166435787</a>	Man, 83, killed as Wimauma home fire spreads to nearby brush (man burned outside of home)	1 Burned
	19/3/18			1					<a href="http://www.kltv.com/story/37752590/firefighter-bitten-by-dog-while-fighting-grass-fire">http://www.kltv.com/story/37752590/firefighter-bitten-by-dog-while-fighting-grass-fire</a>	<b>1 firefighter injured:</b> bitten by dog while fighting grass fire	1 FF Broken bones etc.
	19/3/18			2					<a href="http://www.newswest9.com/story/37751984/multiple-grass-fires-cause-traffic-backups-near-monahans-wickett">http://www.newswest9.com/story/37751984/multiple-grass-fires-cause-traffic-backups-near-monahans-wickett</a>	<b>2 firefighters injured</b> - treated at scene for smoke inhalation	2 FF Smoke-inhalation
	18/3/18			2					<a href="https://wnep.com/2018/03/18/firefighter-flown-to-hospital-after-crews-respond-to-brush-fire/">https://wnep.com/2018/03/18/firefighter-flown-to-hospital-after-crews-respond-to-brush-fire/</a>	<b>2 firefighters injured:</b> 1 FF struck by vehicle (life-flighted); 1 FF treated at scene for smoke inhalation	1 FF Vehicle-related 1 FF Smoke inhalation
	19/3/18			1					<a href="https://eu.battlecreekenquirer.com/story/news/local/2018/03/19/police-fire-firefighter-suffers-gunshot-wound-while-battling-grass-firefirefighter-suffers-gunshot-w/440583002/">https://eu.battlecreekenquirer.com/story/news/local/2018/03/19/police-fire-firefighter-suffers-gunshot-wound-while-battling-grass-firefirefighter-suffers-gunshot-w/440583002/</a>	<b>1 firefighter injured</b> - suffers gunshot wound; accidental self-inflicted during firefighting	1 FF Broken bones etc.
	19/3/18			3					<a href="https://www.usnews.com/news/best-states/arizona/articles/2018-03-19/3-firefighters-injured-while-battling-a-yuma-area-brush-fire">https://www.usnews.com/news/best-states/arizona/articles/2018-03-19/3-firefighters-injured-while-battling-a-yuma-area-brush-fire</a>	<b>3 firefighters injured:</b> Burns: 2 burned in ash pit – 1 minor burns, 1 major burns 2-3 degree; 3rd FF also minor burns – all 3 hospitalized	3 FF Burned
	19/3/18	1							<a href="http://www.dailymail.co.uk/news/article-5517511/Gut-instinct-hero-neighbours-saved-elderly-mans-life.html">http://www.dailymail.co.uk/news/article-5517511/Gut-instinct-hero-neighbours-saved-elderly-mans-life.html</a>	1 person was hospitalized	1 Smoke-inhalation
	22/3/18			1					<a href="https://www.firehouse.com/safety-health/video/20997684/cal-fire-engineer-firefighter-rattlesnake-spring-valley?utm_source=FH+Newsday&amp;utm_medium=email&amp;utm_campaign=CPS180322010&amp;o_eid=7555J6007934I5B&amp;rdx.ident%5Bpull%5D=omeda%7C7555J6007934I5B">https://www.firehouse.com/safety-health/video/20997684/cal-fire-engineer-firefighter-rattlesnake-spring-valley?utm_source=FH+Newsday&amp;utm_medium=email&amp;utm_campaign=CPS180322010&amp;o_eid=7555J6007934I5B&amp;rdx.ident%5Bpull%5D=omeda%7C7555J6007934I5B</a>	<b>1 firefighter injured:</b> hospitalized for rattlesnake bite	1 FF Broken bones etc.
	22/3/18	1							<a href="http://www.kwqc.com/content/news/Prophetstown-man-pronounced-dead-after-grass-fire-477695623.html">http://www.kwqc.com/content/news/Prophetstown-man-pronounced-dead-after-grass-fire-477695623.html</a>	Sterling man identified in deadly grass fire accident- UPDATE	1 Burned
	25/3/18		1						<a href="https://www.fox4now.com/news/local-news/greenway-fire-making-neighbors-sick">https://www.fox4now.com/news/local-news/greenway-fire-making-neighbors-sick</a>	1 civilian hospitalized	1 smoke inhalation
23/3/18			1					<a href="https://wildfiretoday.com/2018/03/25/texas-volunteer-firefighter-dies-after-injuries-from-march-10-grassfire/">https://wildfiretoday.com/2018/03/25/texas-volunteer-firefighter-dies-after-injuries-from-march-10-grassfire/</a>	<b>1 firefighter killed</b> - Texas volunteer dies after injuries from March 10 grassfire	1 FF Burned	

USA	13/4/18	1	1						<a href="https://edition.cnn.com/2018/04/13/us/oklahoma-wildfires/index.html">https://edition.cnn.com/2018/04/13/us/oklahoma-wildfires/index.html</a>	Oklahoma wildfires kill 1. A county employee was helping FFs by operating heavy equipment	1 Burned, smoke-inhalation
	13/4/18		1						<a href="http://www.kktv.com/content/news/BREAKING-Brush-fire-burning-near-Avaondale-479570783.html">http://www.kktv.com/content/news/BREAKING-Brush-fire-burning-near-Avaondale-479570783.html</a>	1 person was critically burned	1 Burned
	04/12/18						1		<a href="https://pittsburgh.cbslocal.com/2018/04/12/west-deer-brush-fire-death/">https://pittsburgh.cbslocal.com/2018/04/12/west-deer-brush-fire-death/</a>	1 person dead; electrocuted, as a result of fire-damaged cables	1 Other
	14/4/18	1							<a href="https://kfor.com/2018/04/14/more-than-365000-acres-burn-in-western-oklahoma/">https://kfor.com/2018/04/14/more-than-365000-acres-burn-in-western-oklahoma/</a>	1 Woman dead; found inside vehicle in Dewey County wildfire (trying to escape)	1 Burned
	15/4/18				4				<a href="https://www.seattletimes.com/nation-world/2-firefighters-in-hurt-in-falls-battling-brush-fire/">https://www.seattletimes.com/nation-world/2-firefighters-in-hurt-in-falls-battling-brush-fire/</a>	<b>4 firefighters injured</b> - 2 firefighters hurt in falls, 1 heat exhaustion, 1 dehydration	2 FF Broken bones etc., 2 FF heat-related
	17/4/18						1		<a href="http://www.abc.net.au/news/2018-04-17/kosciuszko-national-park-helicopter-crash/9668040">http://www.abc.net.au/news/2018-04-17/kosciuszko-national-park-helicopter-crash/9668040</a>	<b>1 firefighter injured</b> -Chopper crash at Kosciuszko National Park leaves pilot injured	1 FF aviation-related
	17/4/18				5				<a href="https://www.krdo.com/news/update-117fire-south-of-colorado-springs-100-contained/730911396">https://www.krdo.com/news/update-117fire-south-of-colorado-springs-100-contained/730911396</a>	<b>5 firefighters injured</b> - 2 smoke inhalation (hospitalized), several minor injuries	2 FF smoke inhalation 3 FF broken bones etc.
	21/4/18				1				<a href="https://eu.poughkeepsiejournal.com/story/news/local/2018/04/21/poughkeepsie-firefighters-put-out-van-wagner-road-brush-fire-one-sustains-minor-injury/539732002/">https://eu.poughkeepsiejournal.com/story/news/local/2018/04/21/poughkeepsie-firefighters-put-out-van-wagner-road-brush-fire-one-sustains-minor-injury/539732002/</a>	<b>1 firefighter injured</b> - sustains minor eye injury	1 FF broken bones etc.
	23/4/18	1							<a href="https://www.weau.com/content/news/Fatal-grass-fire-in-Pepin-County-480622371.html">https://www.weau.com/content/news/Fatal-grass-fire-in-Pepin-County-480622371.html</a>	1 person killed in grass fire in Pepin County	1 Burned
	24/4/18		1						<a href="http://www.news9.com/story/38034270/oklahoma-man-uses-garden-hose-to-survive-wildfire">http://www.news9.com/story/38034270/oklahoma-man-uses-garden-hose-to-survive-wildfire</a>	1 person suffered smoke inhalation	1 Smoke inhalation
	27/4/18	1							<a href="https://upnorthlive.com/news/local/83-year-old-man-dies-in-western-michigan-brush-fire-04-27-2018">https://upnorthlive.com/news/local/83-year-old-man-dies-in-western-michigan-brush-fire-04-27-2018</a>	1 person dead: 83-year-old man dies in western Michigan brush fire	1 Burned
	27/4/18				1				<a href="https://www.thegazette.com/subject/news/public-safety/firefighter-injured-after-controlled-burn-rekindled-into-brush-fire-north-of-prairieburg-20180427">https://www.thegazette.com/subject/news/public-safety/firefighter-injured-after-controlled-burn-rekindled-into-brush-fire-north-of-prairieburg-20180427</a>	<b>1 firefighter injured</b> after controlled burn rekindled (hospitalized)	1 FF Unspecified / unknown
	28/4/18				1				<a href="http://www.dailyowegian.com/news/local_news/firefighter-injured-in-friday-grass-fire/article_216bc760-4afd-11e8-8724-13148cfb6085.html">http://www.dailyowegian.com/news/local_news/firefighter-injured-in-friday-grass-fire/article_216bc760-4afd-11e8-8724-13148cfb6085.html</a>	<b>1 firefighter injured</b> (hospitalized) in grass fire when struck by branch	1 FF struck by natural hazard
	05/02/18		1						<a href="http://www.thesalemnewsonline.com/opinion/publishers_column/donald_dodd/article_60ecaf9c-4d57-11e8-b19f-3b93ddc3aaff.html">http://www.thesalemnewsonline.com/opinion/publishers_column/donald_dodd/article_60ecaf9c-4d57-11e8-b19f-3b93ddc3aaff.html</a>	1 person sustained burns in escaped burn	1 Burned
	13/5/18				1				<a href="http://www.winknews.com/2018/05/13/1-firefighter-injured-battling-massive-big-cypress-preserve-fire-smoke-advisories-issued/">http://www.winknews.com/2018/05/13/1-firefighter-injured-battling-massive-big-cypress-preserve-fire-smoke-advisories-issued/</a>	<b>1 firefighter injured</b> battling massive Collier fire; leg injury	1 FF Broken bones etc.
23/5/18		1						<a href="https://globalnews.ca/news/4225240/man-hospital-brush-calgary/">https://globalnews.ca/news/4225240/man-hospital-brush-calgary/</a>	1 person sent to hospital after brush fire south of Calgary; likely heart condition	1 Medical emergency	

USA	29/5/18	1	2			<a href="https://eu.visaliatimesdelta.com/story/news/2018/05/28/2-firefighters-1-residents-injured-three-alarm-visalia-fire/650302002/">https://eu.visaliatimesdelta.com/story/news/2018/05/28/2-firefighters-1-residents-injured-three-alarm-visalia-fire/650302002/</a>	<b>2 firefighters injured</b> , 1 resident injured in three-alarm Visalia fire; 2 FF heat exhaustion	2 FF heat-related; 1 Smoke-inhalation
	02/06/18		2			<a href="https://www.12news.com/article/news/local/arizona/firefighters-extinguish-brush-fire-in-black-canyon-city/75-560918902">https://www.12news.com/article/news/local/arizona/firefighters-extinguish-brush-fire-in-black-canyon-city/75-560918902</a>	<b>2 firefighters injured</b> - suffer minor heat exhaustion	2 FF heat-related
	03/06/18		1			<a href="https://www.ibtimes.com/laguna-beach-brush-fire-blaze-spreads-over-120-acres-2686814">https://www.ibtimes.com/laguna-beach-brush-fire-blaze-spreads-over-120-acres-2686814</a>	<b>1 firefighter injured</b> - leg injury	1 FF Broken bones etc.
	05/06/18		1			<a href="https://abc7.com/agua-dulce-brush-fire-prompts-evacuations/3560399/">https://abc7.com/agua-dulce-brush-fire-prompts-evacuations/3560399/</a>	<b>1 firefighter injured</b> - hospitalized	1 FF Unspecified / unknown
	04/06/18		2			<a href="https://www.abc15.com/news/state/threeway-fire-250-acre-wildfire-forces-evacuations-near-heber-overgaard">https://www.abc15.com/news/state/threeway-fire-250-acre-wildfire-forces-evacuations-near-heber-overgaard</a>	<b>2 firefighters injured</b> - hospitalized with minor injuries	2 FF Unspecified / unknown
	05/06/18	3				<a href="http://www.latimes.com/local/lanow/la-me-ln-wildfire-deaths-20180605-story.html">www.latimes.com/local/lanow/la-me-ln-wildfire-deaths-20180605-story.html</a>	3 people dead: Woman, toddler, infant found dead at Central California wildfire scene	3 Burned
	06/06/18	2	1			<a href="https://www.eastbaytimes.com/2018/06/06/two-alarm-pittsburg-grass-fire-injures-three-closes-roadway/">https://www.eastbaytimes.com/2018/06/06/two-alarm-pittsburg-grass-fire-injures-three-closes-roadway/</a>	<b>1 firefighter injured</b> – hand injury; 2 civilians with unknown minor injuries from grass fire	1 FF Broken bones etc.; 2 Unspecified / unknown
	06/06/18		1			<a href="https://www.kpbs.org/news/2018/jun/06/brush-fire-campo-near-us-mexico-border/">https://www.kpbs.org/news/2018/jun/06/brush-fire-campo-near-us-mexico-border/</a>	<b>1 firefighter injured</b> - hospitalized w/minor injuries	1 FF Unspecified / unknown
	10/06/18		1			<a href="https://dfw.cbslocal.com/2018/06/10/weatherford-firefighter-dies-assisting-west-texas/">https://dfw.cbslocal.com/2018/06/10/weatherford-firefighter-dies-assisting-west-texas/</a>	<b>1 firefighter killed</b> - structure FF fighting wildfire- likely heart attack	1 FF Medical emergency
	12/06/18		1			<a href="https://abc7.com/fast-moving-wind-driven-fire-shuts-down-nb-241-fwy-in-irvine/3591506/">https://abc7.com/fast-moving-wind-driven-fire-shuts-down-nb-241-fwy-in-irvine/3591506/</a>	<b>1 firefighter injured</b> - minor injuries	1 FF Unspecified / unknown
	12/06/18		2			<a href="https://abc7.com/evacs-ordered-as-brush-fire-threatens-benedict-canyon/3594979/">https://abc7.com/evacs-ordered-as-brush-fire-threatens-benedict-canyon/3594979/</a>	<b>2 firefighters injured</b> - 1 heat exhaustion, 1 minor burn	1 FF heat-related, 1 FF Burned
	12/06/18		1			<a href="https://www.dailybulletin.com/2018/06/12/brush-fire-forces-closure-of-71-freeway-in-chino-hills-area/">https://www.dailybulletin.com/2018/06/12/brush-fire-forces-closure-of-71-freeway-in-chino-hills-area/</a>	<b>1 firefighter injured</b> - hospitalized	1 FF Unspecified / unknown
	13/06/18	3	5			<a href="https://wildfiretoday.com/2018/06/13/brush-fire-destroys-homes-in-moab-utah/">https://wildfiretoday.com/2018/06/13/brush-fire-destroys-homes-in-moab-utah/</a>	<b>5 firefighters injured</b> - heat exhaustion; 3 civilians treated for smoke inhalation	5 FF heat-related; 3 Smoke-inhalation
	20/06/18	1				<a href="https://eu.wausaudailyherald.com/story/news/crime/2018/06/20/wausau-police-log-grass-fire-leads-injuries-and-arrest/717391002/">https://eu.wausaudailyherald.com/story/news/crime/2018/06/20/wausau-police-log-grass-fire-leads-injuries-and-arrest/717391002/</a>	1 person injured: Grass fire leads to injuries and arrest	1 Unspecified / unknown
	20/06/18		2			<a href="https://www.kob.com/new-mexico-news/san-antonio-fire-firefighters-injured/4957477/">https://www.kob.com/new-mexico-news/san-antonio-fire-firefighters-injured/4957477/</a>	<b>2 firefighters injured</b> fighting fire (hospitalized) when struck by tree	2 FF struck by natural hazard
	23/06/18	1				<a href="https://www.nbcbayarea.com/news/local/Small-Brush-Fire-in-San-Francisco-Injures-486359751.html">https://www.nbcbayarea.com/news/local/Small-Brush-Fire-in-San-Francisco-Injures-486359751.html</a>	1 person injured	1 Unspecified / unknown
	29/06/18		1			<a href="http://www.cbs8.com/story/38532560/firefighters-battling-brush-fire-near-plaza-bonita-mall-in-national-city">http://www.cbs8.com/story/38532560/firefighters-battling-brush-fire-near-plaza-bonita-mall-in-national-city</a>	<b>1 firefighter injured</b> while battling brush; hospitalized with burns to lower back	1 FF Burned
29/06/18	1				<a href="https://www.daytondailynews.com/news/local/man-suffers-significant-burns-after-igniting-brush-fire-germantown/3I3nQP8w3c4YI6TTaqEayN/">https://www.daytondailynews.com/news/local/man-suffers-significant-burns-after-igniting-brush-fire-germantown/3I3nQP8w3c4YI6TTaqEayN/</a>	1 person suffers ‘significant’ burns after igniting brush fire; hospitalized	1 Burned	

USA	29/06/18			2			<a href="https://abc7news.com/grateful-residents-return-home-after-concord-grass-fire/3677446/">https://abc7news.com/grateful-residents-return-home-after-concord-grass-fire/3677446/</a>	<b>2 firefighters injured</b> – minor injuries	2 FF Unspecified / unknown
	05/07/18		1				<a href="https://www.kdrv.com/content/news/Evacuations-Ordered-Due-to-Wildfire-Near-Hornbrook-Community-487437271.html">https://www.kdrv.com/content/news/Evacuations-Ordered-Due-to-Wildfire-Near-Hornbrook-Community-487437271.html</a>	1 person injured	1 Unspecified / unknown
	09/07/18		1				<a href="https://losangeles.cbslocal.com/video/3896050-danielle-gersh-s-weather-forecast-july-9/">https://losangeles.cbslocal.com/video/3896050-danielle-gersh-s-weather-forecast-july-9/</a>	1 person injured	1 Smoke inhalation
	06/07/18			1			<a href="https://www.dailybulletin.com/2018/07/06/truck-fire-ignites-brush-in-cajon-pass-threatens-homes-near-devore/">https://www.dailybulletin.com/2018/07/06/truck-fire-ignites-brush-in-cajon-pass-threatens-homes-near-devore/</a>	<b>1 firefighter injured</b> - flown to hospital	1 FF Heat-related
	06/07/18	1					<a href="https://www.abc.net.au/news/2018-07-07/one-dead-hundreds-of-homes-destroyed-in-california-wildfires/9953962">https://www.abc.net.au/news/2018-07-07/one-dead-hundreds-of-homes-destroyed-in-california-wildfires/9953962</a>	1 person killed	1 Burned
	06/07/18			1			<a href="https://mynews1a.com/uncategorized/2018/07/06/brush-fire-breaks-out-in-palm-springs-farmhouse-on-tribal-land-engulfed/">https://mynews1a.com/uncategorized/2018/07/06/brush-fire-breaks-out-in-palm-springs-farmhouse-on-tribal-land-engulfed/</a>	<b>1 firefighter injured</b> - suffers minor heat exhaustion	1 FF Heat-related
	07/07/18			1			<a href="https://www.aspentimes.com/news/local/injured-firefighter-at-peace-with-events-during-lake-christine-fire/">https://www.aspentimes.com/news/local/injured-firefighter-at-peace-with-events-during-lake-christine-fire/</a>	<b>1 firefighter injured</b> – volunteer FF injured in dozer roll-over	1 FF vehicle-related
	08/07/18			3			<a href="https://eu.statesmanjournal.com/story/news/2018/07/08/fire-fighter-recovering-severe-burns-suffered-klamathon-fire/766739002/">https://eu.statesmanjournal.com/story/news/2018/07/08/fire-fighter-recovering-severe-burns-suffered-klamathon-fire/766739002/</a>	<b>3 firefighters injured</b> – 1 recovering from severe burns suffered in Klamathon Fire; 2 unspecified	1 Burned, 2 FF Unspecified / unknown
	07/07/18			1			<a href="https://abc7.com/1-acre-brush-fire-in-granada-hills-destroys-2-vehicles/3723765/">https://abc7.com/1-acre-brush-fire-in-granada-hills-destroys-2-vehicles/3723765/</a>	<b>1 firefighter injured</b>	1 FF Heat-related
	11/07/18			1			<a href="https://www.sacbee.com/latest-news/article214685665.html">https://www.sacbee.com/latest-news/article214685665.html</a>	<b>1 firefighter injured</b>	1 FF Unspecified / unknown
	13/07/18			1			<a href="https://www.mercurynews.com/2018/07/13/stoney-fire-highway-32-closed-in-chico-evacuation-orders-issued/">https://www.mercurynews.com/2018/07/13/stoney-fire-highway-32-closed-in-chico-evacuation-orders-issued/</a>	<b>1 firefighter injured</b> - suffered minor injuries	1 FF Unspecified / unknown
	13/07/18			1			<a href="https://www.fresnobee.com/news/local/article214854330.html">https://www.fresnobee.com/news/local/article214854330.html</a>	<b>1 firefighter injured</b> - (Sheriff's sergeant: minor burns to face responding to grass fire)	1 FF Burned
	14/07/18		1				<a href="https://sierranewsonline.com/dozer-operator-killed-in-rollover-accident-on-ferguson-fire/">https://sierranewsonline.com/dozer-operator-killed-in-rollover-accident-on-ferguson-fire/</a>	<b>1 firefighter killed</b> - bulldozer operator killed in rollover accident on Ferguson Fire	1 FF vehicle-related
	18/07/18	1		2			<a href="https://whct.com/news/articles/2018/jul/18/two-firefighters-hurt-battling-fierce-yosemite-blaze/">https://whct.com/news/articles/2018/jul/18/two-firefighters-hurt-battling-fierce-yosemite-blaze/</a>	<b>2 firefighters injured:</b> 1 broken leg, 1 heat-related. 1 civilian killed - trying to fight fire burned to death	1 FF Broken bones etc., 1 FF heat-related; 1 Burned
	22/07/18			2			<a href="https://www.mercurynews.com/2018/07/22/forest-fire-near-yosemite-continues-to-grow-as-heat-spikes/">https://www.mercurynews.com/2018/07/22/forest-fire-near-yosemite-continues-to-grow-as-heat-spikes/</a>	<b>2 firefighters injured</b> - battling blaze (hospitalized) with back injuries	2 FF Broken bones etc.,
	23/07/18			3			<a href="https://www.ksq.com/news/35-firefighters-battle-thermal-brush-fire/772178649">https://www.ksq.com/news/35-firefighters-battle-thermal-brush-fire/772178649</a>	<b>3 firefighters injured</b> - suffer minor injuries	3 FF Unspecified / unknown
	25/07/18		2	3			<a href="https://kizz.com/news/local/breaking-brush-fire-near-state-capitol-threatens-structures">https://kizz.com/news/local/breaking-brush-fire-near-state-capitol-threatens-structures</a>	<b>3 firefighters injured</b> - all hospitalized. 2 FF heat exhaustion, 1 FF leg injury; 2 civilians w/unknown injuries	2 FF heat-related, 1 FF Broken bones etc.; 2 Unspecified / unknown

USA	24/07/18		1						<a href="https://www.kxxv.com/story/38717509/one-person-treated-for-minor-burns-after-grass-fire">https://www.kxxv.com/story/38717509/one-person-treated-for-minor-burns-after-grass-fire</a>	1 person injured – treated for minor burns from grass fire	1 Burned
	25/07/18			3					<a href="https://en.wikipedia.org/wiki/Cranston_Fire">https://en.wikipedia.org/wiki/Cranston_Fire</a>	<b>3 firefighters injured</b>	3 FF Unspecified / unknown
	Final report	5		3					<a href="https://en.wikipedia.org/wiki/Carr_Fire">https://en.wikipedia.org/wiki/Carr_Fire</a>	<b>3 firefighters killed</b> - 1 FF burned, 1 FF vehicle accident, 1 FF bulldozer rollover; 4 civilians burned, 1 PG&E operator in vehicle accident	1 FF Burned, 2 FF vehicle-related; 5 Burned
	26/07/18			1	1	5			<a href="https://en.wikipedia.org/wiki/Ferguson_Fire">https://en.wikipedia.org/wiki/Ferguson_Fire</a>	<b>1 firefighter killed</b> (struck by tree): minus previously reported injuries (total: 19 FF injured, 2 killed)	1 FF struck by natural hazard, 15 FF Unspecified / unknown
	26/07/18						3		<a href="https://eu.timesrecordnews.com/story/news/local/2018/07/26/grass-fire-slow-moving-traffic-cause-car-accident-wichita-falls/844118002/">https://eu.timesrecordnews.com/story/news/local/2018/07/26/grass-fire-slow-moving-traffic-cause-car-accident-wichita-falls/844118002/</a>	3 injured in smoke-related vehicle accident from grass fire	3 Secondary injury
	31/07/18		3						<a href="https://www.thedenverchannel.com/news/local-news/bush-fire-spreads-to-thornton-condo-displacing-33-people">https://www.thedenverchannel.com/news/local-news/bush-fire-spreads-to-thornton-condo-displacing-33-people</a>	3 civilians hospitalized with unknown injuries	3 Unspecified / unknown
	31/07/18				3				<a href="https://www.nbclosangeles.com/news/local/Santa-Clarita-Brush-Fire-House-Threatened-homes-489571821.html">https://www.nbclosangeles.com/news/local/Santa-Clarita-Brush-Fire-House-Threatened-homes-489571821.html</a>	<b>3 firefighters injured</b> - hospitalized with minor injuries	3 FF Unspecified / unknown
	02/08/18				1				<a href="https://kval.com/news/local/firefighter-burned-by-scalding-hot-water-while-fighting-oregon-wildfire">https://kval.com/news/local/firefighter-burned-by-scalding-hot-water-while-fighting-oregon-wildfire</a>	<b>1 firefighter injured</b> - burned by 'scalding hot water' while fighting Oregon wildfire	1 FF Burned
	02/08/18				1				<a href="https://www.firehouse.com/operations-training/wildland/news/21016496/wa-firefighter-hurt-in-growing-wildland-fire-firefighter-news">https://www.firehouse.com/operations-training/wildland/news/21016496/wa-firefighter-hurt-in-growing-wildland-fire-firefighter-news</a>	<b>1 firefighter injured</b> in growing wildland fire (hospitalized)	1 FF Unspecified / unknown
	14/08/18			1	6				<a href="https://en.wikipedia.org/wiki/Mendocino_Complex_Fire">https://en.wikipedia.org/wiki/Mendocino_Complex_Fire</a> Update / other: <a href="https://kutv.com/news/local/utah-firefighter-dies-fighting-california-fire">https://kutv.com/news/local/utah-firefighter-dies-fighting-california-fire</a>	<b>1 firefighter killed</b> - struck by tree - because of 747 tanker drop; <b>6 firefighters injured</b> : 5 FF burned, 1 FF dislocated shoulder	5 FF Burned, 1 FF Broken bones etc.; 1 FF struck by natural hazard
	08/08/18		2						<a href="https://www.10news.com/news/u-s-world/holy-fire-evacuations-in-effect-as-fire-in-cleveland-national-forest-burns">https://www.10news.com/news/u-s-world/holy-fire-evacuations-in-effect-as-fire-in-cleveland-national-forest-burns</a>	2 people suffered heat-related injuries	2 Heat-related
	10/08/18				3				<a href="https://www.reuters.com/article/us-usa-wildfires/aggressive-wildfire-threatens-thousands-of-homes-in-southern-california-city-idUSKBN1KV0V0">https://www.reuters.com/article/us-usa-wildfires/aggressive-wildfire-threatens-thousands-of-homes-in-southern-california-city-idUSKBN1KV0V0</a>	<b>3 firefighters injured</b>	3 FF Unspecified / unknown
	09/08/18		1						<a href="https://www.bakersfield.com/news/bc-campus-closed-due-to-brush-fire-on-bluffs/article_03d8358e-9c25-11e8-8fd1-0bf007c4e8d3.html">https://www.bakersfield.com/news/bc-campus-closed-due-to-brush-fire-on-bluffs/article_03d8358e-9c25-11e8-8fd1-0bf007c4e8d3.html</a>	1 civilian hospitalized	1 Smoke inhalation
	10/08/18				1				<a href="https://www.khq.com/story/38865037/grass-valley-fire-burning-over-1000-acres-in-douglas-county/">https://www.khq.com/story/38865037/grass-valley-fire-burning-over-1000-acres-in-douglas-county/</a>	<b>1 firefighter injured</b> - airlifted with burns	1 FF Burned
	13/08/18				1				<a href="https://yubanet.com/Fires/oakalta/">https://yubanet.com/Fires/oakalta/</a>	<b>1 firefighter injured</b>	1 FF Heat-related

14/08/18			3			<a href="https://www.wftv.com/news/national-news/ap-top-news/42yearold-utah-father-dies-fighting-california-wildfire/812976012">https://www.wftv.com/news/national-news/ap-top-news/42yearold-utah-father-dies-fighting-california-wildfire/812976012</a>	<b>3 firefighters injured</b> – when struck by tree	3 FF struck by natural hazard
14/08/18				1		<a href="https://www.nwnewsnetwork.org/post/pilot-s-ok-firefighting-airplane-crashes-washington-s-colville-national-forest">https://www.nwnewsnetwork.org/post/pilot-s-ok-firefighting-airplane-crashes-washington-s-colville-national-forest</a>	<b>1 firefighter injured</b> (pilot) firefighting plane crashes in Washington’s Colville Nat’l Forest	1 FF Aviation-related
15/08/18			2			<a href="https://eu.azcentral.com/story/news/local/arizona-breaking/2018/08/15/two-arizona-firefighters-elephant-head-volunteer-fire-dept-amado-injured-rollover-accident-nevada/999693002/">https://eu.azcentral.com/story/news/local/arizona-breaking/2018/08/15/two-arizona-firefighters-elephant-head-volunteer-fire-dept-amado-injured-rollover-accident-nevada/999693002/</a>	<b>2 firefighters injured</b> - returning from Carr Fire; airlifted, non-life threatening injuries sustained in vehicle rollover	2 FF Vehicle-related
17/08/18			2 2			<a href="https://www.idahostatesman.com/news/northwest/idaho/article216895715.html">https://www.idahostatesman.com/news/northwest/idaho/article216895715.html</a>	<b>22 firefighters injured:</b> 2 seriously injured (struck by tree); 2 burned; 18 minor injuries - unspecified	2 FF struck by natural hazard; 2 FF Burned; 18 FF Unspecified / unknown
27/08/18			2			<a href="https://www.kolotv.com/content/news/Helicopter-crash-north-of-Battle-Mountain-starts-brush-fire-491195411.html">https://www.kolotv.com/content/news/Helicopter-crash-north-of-Battle-Mountain-starts-brush-fire-491195411.html</a>	<b>2 firefighters injured</b> - suffer 2nd and 3rd degree burns from burnover	2 FF Burned
19/08/18			1			<a href="https://www.pe.com/2018/08/19/crews-attack-5-acre-brush-fire-near-215-freeway-in-murrieta-menifee-area/">https://www.pe.com/2018/08/19/crews-attack-5-acre-brush-fire-near-215-freeway-in-murrieta-menifee-area/</a>	<b>1 firefighter injured</b> - hospitalized	1 FF Unspecified / unknown
20/08/18	2					<a href="https://komonews.com/news/local/2-injured-2-homes-damaged-as-brush-fires-raged-in-south-sound">https://komonews.com/news/local/2-injured-2-homes-damaged-as-brush-fires-raged-in-south-sound</a>	2 civilians injured (hospitalized)	2 Unspecified / unknown
23/08/18			1			<a href="https://mynews4.com/news/local/firefighter-hurt-battling-range-blaze-in-northeastern-nevada">https://mynews4.com/news/local/firefighter-hurt-battling-range-blaze-in-northeastern-nevada</a>	<b>1 firefighter injured</b> - minor burns	1 FF Burned
25/08/18	1					<a href="https://edition.cnn.com/2018/08/24/us/maui-hawaii-brush-fire/index.html">https://edition.cnn.com/2018/08/24/us/maui-hawaii-brush-fire/index.html</a>	1 person severely burned	1 Burned
final report			2			<a href="https://yubanet.com/Fires/hirz/">https://yubanet.com/Fires/hirz/</a>	<b>2 firefighters injured</b> – by falling rocks	2 FF struck by natural hazard
29/08/18			1			<a href="https://www.kezi.com/content/news/Firefighter-arrested-for-DUI-after-four-vehicle-crash-492018171.html">https://www.kezi.com/content/news/Firefighter-arrested-for-DUI-after-four-vehicle-crash-492018171.html</a>	<b>1 firefighter injured</b> - seriously injured returning from a fire; ruled DUI	1 FF vehicle-related
02/09/18			1			<a href="https://www.keyt.com/news/san-luis-obispo-county/brush-fire-near-paso-robles-injuries-fireman-destroys-one-home/789816141">https://www.keyt.com/news/san-luis-obispo-county/brush-fire-near-paso-robles-injuries-fireman-destroys-one-home/789816141</a>	<b>1 firefighter injured</b> - from airtanker drop	1 FF aviation-related
03/09/18		1				<a href="https://okcfox.com/news/nation-world/young-firefighter-is-brain-dead-from-septic-pneumonia-after-battling-wildfires">https://okcfox.com/news/nation-world/young-firefighter-is-brain-dead-from-septic-pneumonia-after-battling-wildfires</a>	<b>1 firefighter died:</b> suffers irreversible brain damage after battling wildfires: got very sick after fire, died later pneumonia-induced coma	1 FF Other
04/09/18			1			<a href="http://www.kezi.com/content/news/Terwilliger-Firefighter-hit-by-carr-492453811.html">http://www.kezi.com/content/news/Terwilliger-Firefighter-hit-by-carr-492453811.html</a>	<b>1 firefighter injured</b> - was victim of hit and run, badly injured	1 FF vehicle-related
10/09/18	1					<a href="https://eu.vcstar.com/story/news/local/communities/oxnard/2018/09/09/firefighters-respond-brush-fire-simi-valley-highway-118/1252398002/">https://eu.vcstar.com/story/news/local/communities/oxnard/2018/09/09/firefighters-respond-brush-fire-simi-valley-highway-118/1252398002/</a>	1 civilian suffers severe burns to hands and face	1 Burned
09/10/18			1			<a href="https://www.nbclosangeles.com/news/local/Wildfire-Burning-">https://www.nbclosangeles.com/news/local/Wildfire-Burning-</a>	<b>1 firefighter injured</b> - minor, hospitalized by	1 FF struck by

									<a href="http://Near-Azusa-Prompts-Evacuations-492812091.html">Near-Azusa-Prompts-Evacuations-492812091.html</a>	falling rocks	natural hazard
09/10/18			1						<a href="https://www.sacbee.com/news/state/california/fires/article218103490.html">https://www.sacbee.com/news/state/california/fires/article218103490.html</a>	<b>1 firefighter injured</b> falling from a truck, trying to flee fire	1 FF vehicle-related
10/09/18			2						<a href="https://www.dailybulletin.com/2018/09/10/forest-fire-above-glendora-and-azusa-burns-166-acres/">https://www.dailybulletin.com/2018/09/10/forest-fire-above-glendora-and-azusa-burns-166-acres/</a>	<b>2 (more) firefighters injured</b> ; 1 from falling rock (1 prior reported), 2 heat-related injuries – all 3 hospitalized	2 FF heat-related
10/09/18						1	5	0	<a href="https://phys.org/news/2018-09-wildfire-deaths.html">https://phys.org/news/2018-09-wildfire-deaths.html</a>	US wildfire smoke deaths could double by 2100: estimated premature deaths per year from smoke inhalation at 15,000	15000 Secondary injuries
12/09/18			1						<a href="https://www.turnto23.com/news/local-news/firefighter-flown-to-hospital-for-injuries-while-battling-water-fire">https://www.turnto23.com/news/local-news/firefighter-flown-to-hospital-for-injuries-while-battling-water-fire</a>	<b>1 firefighter injured</b> - Firefighter flown to hospital for injuries while battling Water Fire	1 FF Unspecified / unknown
15/09/18			5						<a href="https://www.deseretnews.com/article/900032066/herriman-brush-fire-prompts-mandatory-evacuations.html">https://www.deseretnews.com/article/900032066/herriman-brush-fire-prompts-mandatory-evacuations.html</a>	<b>5 firefighters injured</b> (1 FF – hospitalized, 4 police for smoke inhalation)	1 FF Unspecified / unknown; 4 FF smoke inhalation
15/09/18			1						<a href="https://www.good4utah.com/news/local-news/outdoor-grass-fire-sparks-structure-fire-in-salt-lake-city/1449223701">https://www.good4utah.com/news/local-news/outdoor-grass-fire-sparks-structure-fire-in-salt-lake-city/1449223701</a>	<b>1 firefighter injured</b> - hospitalized	1 FF smoke inhalation
16/09/18	2								<a href="https://www.localnews8.com/news/top-stories/several-fires-burning-in-bridger-teton-national-forest/796053720">https://www.localnews8.com/news/top-stories/several-fires-burning-in-bridger-teton-national-forest/796053720</a>	2 men were hospitalized in burn unit	2 Burned
23/09/18			2						<a href="https://sanfrancisco.cbslocal.com/2018/09/23/crews-battle-25-acre-wildfire-in-east-san-jose/">https://sanfrancisco.cbslocal.com/2018/09/23/crews-battle-25-acre-wildfire-in-east-san-jose/</a>	<b>2 firefighters injured</b> (hospitalized)	2 FF Unspecified / unknown
24/09/18			1						<a href="https://sacramento.cbslocal.com/2018/09/24/fire-sacramento-waterfront/">https://sacramento.cbslocal.com/2018/09/24/fire-sacramento-waterfront/</a>	<b>1 firefighter injured</b>	1 FF Unspecified / unknown
27/09/18			5						<a href="https://www.chicoer.com/2018/09/27/fire-crew-injured-in-i-5-rollover-crash-2/">https://www.chicoer.com/2018/09/27/fire-crew-injured-in-i-5-rollover-crash-2/</a>	<b>5 firefighters injured</b> in I-5 rollover crash: 1 serious, 4 minor; vehicle rollover	5 FF vehicle-related
11/10/18	2								<a href="https://www.oregonlive.com/north-of-26/2018/10/2/injured-in-grass-fire-on-pri.html">https://www.oregonlive.com/north-of-26/2018/10/2/injured-in-grass-fire-on-pri.html</a>	2 injured in grass fire on private property near Bethany (airlifted); burned, 1 severely	2 Burned
14/10/18	1								<a href="https://www.actionnewsnow.com/content/news/Brush-Fire-Burning-in-Redding-Near-Lake-Blvd-and-Masonic-Ave-497524221.html">https://www.actionnewsnow.com/content/news/Brush-Fire-Burning-in-Redding-Near-Lake-Blvd-and-Masonic-Ave-497524221.html</a>	1 person suffered minor burns	1 Burned
30/10/18						1			<a href="https://www.tri-cityherald.com/news/local/article220842045.html">https://www.tri-cityherald.com/news/local/article220842045.html</a>	Elderly woman found dead in burning car: exhaust pipe caught grass / car on fire	1 Secondary / Other
01/11/18			1						<a href="https://www.eastbaytimes.com/2018/11/01/wildfire-breaks-out-in-point-isabel-regional-shoreline-in-richmond/">https://www.eastbaytimes.com/2018/11/01/wildfire-breaks-out-in-point-isabel-regional-shoreline-in-richmond/</a>	<b>1 firefighter injured</b> (hospitalized)	1 FF Unspecified / unknown
04/11/18	1								<a href="https://www.fox21news.com/news/local/woman-suffers-3rd-degree-burns-in-overnight-pueblo-grass-fire/">https://www.fox21news.com/news/local/woman-suffers-3rd-degree-burns-in-overnight-pueblo-grass-fire/</a>	A woman suffers 3rd degree burns to legs and feet in grass fire	1 Burned
04/11/18									<a href="https://www.mercurynews.com/2018/11/04/rincon-fire-santa-cruz-county-blaze-keeping-highway-9-closed-through-">https://www.mercurynews.com/2018/11/04/rincon-fire-santa-cruz-county-blaze-keeping-highway-9-closed-through-</a>	<b>1 firefighter injured</b> - hospitalized	1 FF Unspecified / unknown



									<a href="#">sunday/</a>		
	final report	8 5	1 2		5				<a href="https://en.wikipedia.org/wiki/Camp_Fire_(2018)">https://en.wikipedia.org/wiki/Camp_Fire_(2018)</a> Update/ other: <a href="https://www.sfchronicle.com/california-wildfires/amp/Five-firefighters-among-dozen-plus-patients-13396604.php">https://www.sfchronicle.com/california-wildfires/amp/Five-firefighters-among-dozen-plus-patients-13396604.php</a>	<b>5 firefighters injured</b> (burned); 85 people killed and 12 injured in Camp Fire 2018	5 FF Burned; 97 Burned
	09/11/18				1				<a href="https://losangeles.cbslocal.com/2018/11/09/brush-fire-sparks-behind-la-zoo-in-griffith-park/">https://losangeles.cbslocal.com/2018/11/09/brush-fire-sparks-behind-la-zoo-in-griffith-park/</a>	<b>1 firefighter injured</b> - hospitalized	1 FF Unspecified / unknown
	final report	3	2		3				<a href="https://en.wikipedia.org/wiki/Woolsey_Fire">https://en.wikipedia.org/wiki/Woolsey_Fire</a>	<b>3 firefighters injured</b> - 2 FF unknown, 1 FF struck by vehicle while sleeping. 3 people burned; 2 people unknown injuries	2 FF Unspecified / unknown, 1 FF vehicle-related; 3 Burned, 2 Unspecified / unknown
	18/11/18				3				<a href="https://www.kron4.com/news/bay-area/firefighters-injured-while-containing-grass-fire-in-santa-cruz-county/1605081966">https://www.kron4.com/news/bay-area/firefighters-injured-while-containing-grass-fire-in-santa-cruz-county/1605081966</a>	<b>3 firefighters injured</b> while containing grass fire - struck by tree, all hospitalized	3 FF struck by natural hazard
	03/12/18		1						<a href="https://www.wjhl.com/news/regional/tennessee/crews-rescue-man-stranded-since-sunday-from-sevier-co-brush-fire/">https://www.wjhl.com/news/regional/tennessee/crews-rescue-man-stranded-since-sunday-from-sevier-co-brush-fire/</a>	A person was injured by falling tree	1 struck by natural hazard
	final report				9				<a href="https://inciweb.nwcg.gov/incident/6092/">https://inciweb.nwcg.gov/incident/6092/</a>	<b>9 firefighters injured</b>	9 FF Unspecified / unknown
<b>Venezuela</b>	04/06/18	1							<a href="http://www.el-nacional.com/noticias/sucesos/fallecio-voluntario-incendio-caricuaao_238441">http://www.el-nacional.com/noticias/sucesos/fallecio-voluntario-incendio-caricuaao_238441</a>	1 person died after hospitalization	1 Burned
<b>Zimbabwe</b>	05/09/18		1						<a href="https://bulawayo24.com/index-id-news-sc-national-byo-144498.html">https://bulawayo24.com/index-id-news-sc-national-byo-144498.html</a>	1 elderly woman severely burnt by veld fires	1 Burned
	12/09/18						2	3	<a href="https://bulawayo24.com/index-id-news-sc-national-byo-145071.html">https://bulawayo24.com/index-id-news-sc-national-byo-145071.html</a>	2 dead, 3 critically injured smoke related accident	5 Secondary
	20/09/18	2							<a href="https://www.herald.co.zw/veld-fire-consumes-mom-child/">https://www.herald.co.zw/veld-fire-consumes-mom-child/</a>	Veld fire consumes mom, child: caught in a veld fire - died in the hospital	2 Burned
	01/10/18	1							<a href="https://www.chronicle.co.zw/man-80-burns-to-death-in-veldfire/">https://www.chronicle.co.zw/man-80-burns-to-death-in-veldfire/</a>	Man, (80) burns to death in accidental veldfire while burning weeds in his field	1 Burned
	30/05/19	2							<a href="https://www.herald.co.zw/lets-reduce-fire-related-deaths-to-zero/">https://www.herald.co.zw/lets-reduce-fire-related-deaths-to-zero/</a>	2 additional people killed (remaining balance of direct fire deaths not reported elsewhere)	2 Burned

## **Annex II: Previous Years' Reports**

### **Tenth Global Wildland Fire Fatalities Report**

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 23 (# 1 / 2018 – 31 December 2018)

<http://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2018.pdf>

### **Ninth Global Wildland Fire Fatalities Report**

GFMC / IWPM / UNISDR Global Wildland Fire Network Bulletin No. 22 (# 1 / 2017 – 18 December 2017)

<https://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2017.pdf>

### **Eighth Global Wildland Fire Fatalities Report**

GFMC / IWPM / UNISDR Global Wildland Fire Network Bulletin No. 21 (# 1 / 2016 – 12 September 2016)

<https://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2016.pdf>

### **Seventh Global Wildland Fire Fatalities Report**

GFMC / IWPM / UNISDR Global Wildland Fire Network Bulletin No. 20 (# 1 / 2015 – 20 April 2015)

<http://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2015.pdf>

### **Sixth Global Wildland Fire Fatalities Report**

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 19 (# 1 / 2014 – 30 December 2014)

<https://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2014.pdf>

### **Fifth Global Wildland Fire Fatalities Report**

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 18 (# 1 / 2013 – 20 September 2013)

<https://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2013.pdf>

### **Fourth Global Wildland Fire Fatalities Report**

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 17 (# 1 / 2012 – 29 July 2012)

<https://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2012.pdf>

### **Third Global Wildland Fire Fatalities Report**

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 15 (# 1 / 2011 – 31 July 2011)

<https://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2011-1.pdf>

### **Second Global Wildland Fire Fatalities Report**

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 14 (# 1 / 2010 – 19 July 2010)

<https://gfmc.online/wp-content/uploads/GFMC-Bulletin-01-2010.pdf>

### **First Global Wildland Fire Fatalities Report**

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 13 (# 2 / 2009 – 27 July 2009)

<http://gfmc.online/wp-content/uploads/GFMC-Bulletin-02-2009.pdf>

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