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10th Annual Global Wildland Fire Fatalities and Damages Report – 2017

The preliminary evaluation of fatalities and damages caused by wildland fires in 2017 at global level shows that 303 people were killed and 1,887 were injured worldwide compared to 127 fatalities and 568,244 injuries in 2016, the 198 fatalities and 650,302 injuries in 2015 and 222 fatalities and 74,581 injuries in 2014. 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.



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10th Annual Global Wildland Fire Fatalities and Damages Report – 2017

Dear members of the Regional Wildland Fire Networks and associated experts:

The Global Wildland Fire Network Bulletin is a product of the Global Fire Monitoring Center (GFMC)¹, the former International Forest Fire News (IFFN)², the International Wildfire Preparedness Mechanism (IWPM)³ 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 Partnership⁴ and a Voluntary Commitment to the implementation of the Sendai Framework.⁵

This 23rd Issue of the Global Wildland Fire Network Bulletin provides the final draft of the 10th Annual Global Wildland Fire Fatalities and Damages Report, covering the year 2017. 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)⁶, 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. 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://gfmcc.online/media-highlights-on-fire-policies-and-politics/2017-2.html>), or
- (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.gfmcc.online/media/news.htm>).

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Freiburg, Germany, 31 December 2018

¹ <http://www.gfmcc.online/> *Note:* IFFN production has been phased out in 2016. Remaining IFFN issues will be published on the IFFN web page in 2018.

² <http://www.gfmcc.online/iffn/iffn.htm>

³ <http://www.gfmcc.online/iwpm/index.htm>

⁴ <http://www.gfmcc.online/GlobalNetworks/globalNet.html>

⁵ https://sendaicommitments.unisdr.org/commitments/20190222_001

⁶ 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 preliminary numbers of the 10th Annual Global Wildland Fire Fatalities and Damages Report report show that in 2017 303 people were killed worldwide (in 33 countries) due to wildland fires and 1,887 people were injured (Table 1). This is compared to 127 fatalities and 568,244 injuries in 2016, the 198 fatalities and 650,302 injuries in 2015 and 222 fatalities and 74,581 injuries in 2014. 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 980 evacuations in 37 countries involved the temporary displacement of more than 546,768 persons. 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).

The loss of private homes destroyed by wildfires in 2017 in 50 countries amounted to more than 10,498 while 11,740 homes damaged by wildfires. Houses aside, more than 513,370 other structures were destroyed, including schools, hospitals, hotels, commercial buildings like shopping malls, industrial buildings, outbuildings and other infrastructure like bridges, powerlines, etc. More details are given below.

The number of vehicles destroyed by wildfires was 4,730 globally. Farmers lost 87,917 livestock and more than 3,500 bales of hay in 30 countries, among many other agricultural, forest and food commodity losses (details below).

In 23 countries, wildfires affected or damaged more than 530,907 hectares of land in protected areas such as UNESCO World Heritage Sites, national parks or nature reserves, as compared to 196,000 hectares in 19 countries in 2016.

The known economic impacts of wildfires in 18 countries were estimated in excess of USD \$22.8 billion. Direct fire damages were estimated at more than \$1.05bn, suppression and recovery costs at nearly \$5.3bn, unspecified damages and costs were in excess of \$1.41bn, and insured losses totalled more than \$15bn. 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 did not assess data on secondary impacts.

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

- http://www.gfmc.online/media/bulletin_news.htm

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 2. The total number of people killed worldwide as a directly result of wildfires (including for instance responding to or returning from an incident) were 303, where 41 of them were firefighters. In total 2,190 people were injured and 357 of injured persons were firefighters. Table 2 shows the number of wildland firefighters killed and injured worldwide. Table 3 breaks down the numbers of people killed or injured by wildland fires by continent and countries.

Table 1. Summary Global Wildland Fire Fatalities Report 2017: All people killed and injured by wildland fires in 2017 by regions globally.

Regions	People killed	People injured	Total
Africa	38	64	102
Asia	13	116	129
Australasia	7	359	366
Europe	135	615	750
Middle East	1	21	22
North America	94	363	457
South America	15	349	364
Worldwide	303	1,887	2,190

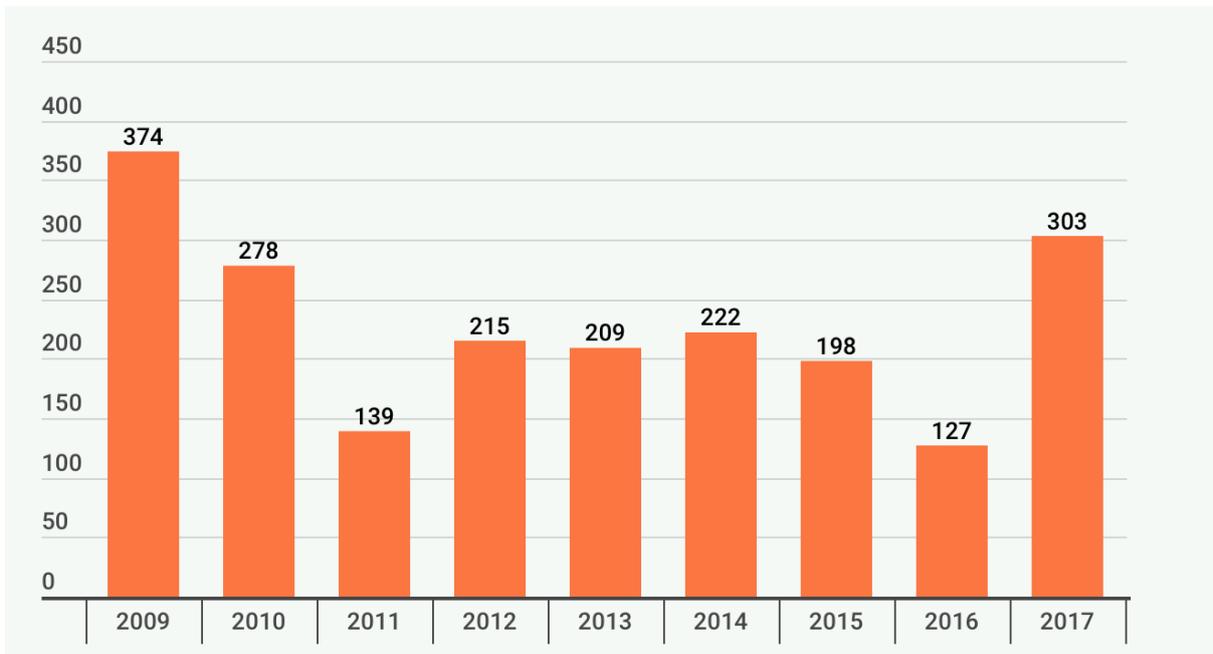


Figure 1. Worldwide deaths as a result of wildfires (2009-2017)

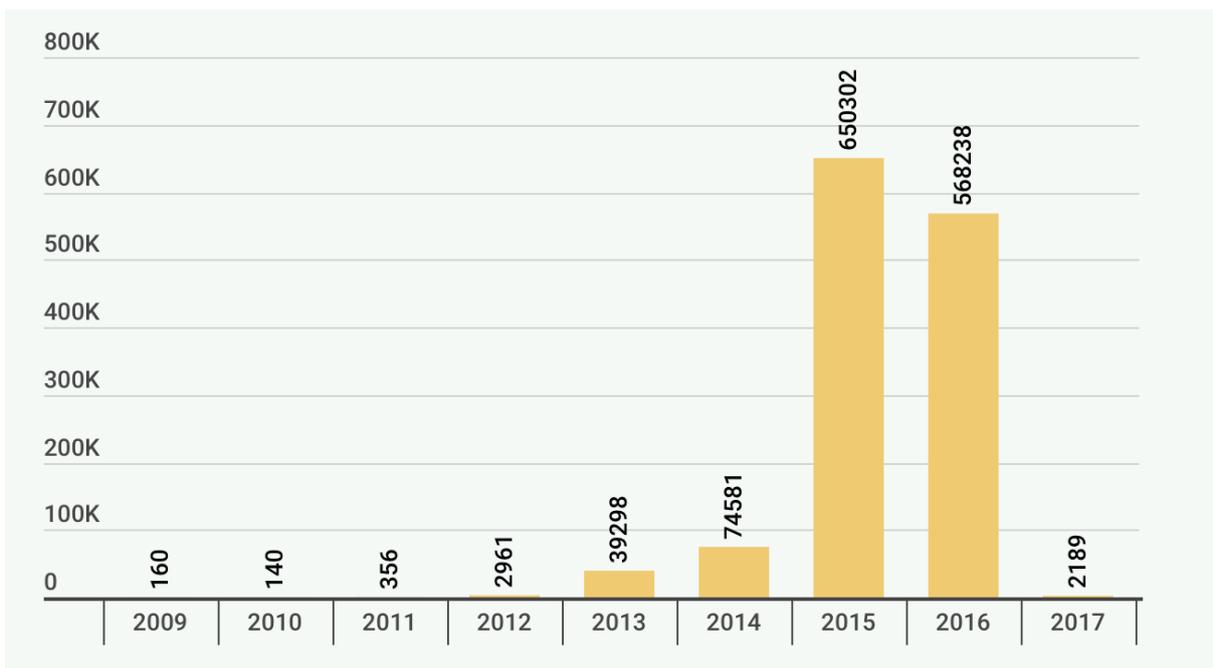


Figure 2. Worldwide injuries as a result of wildfires (2009-2017)

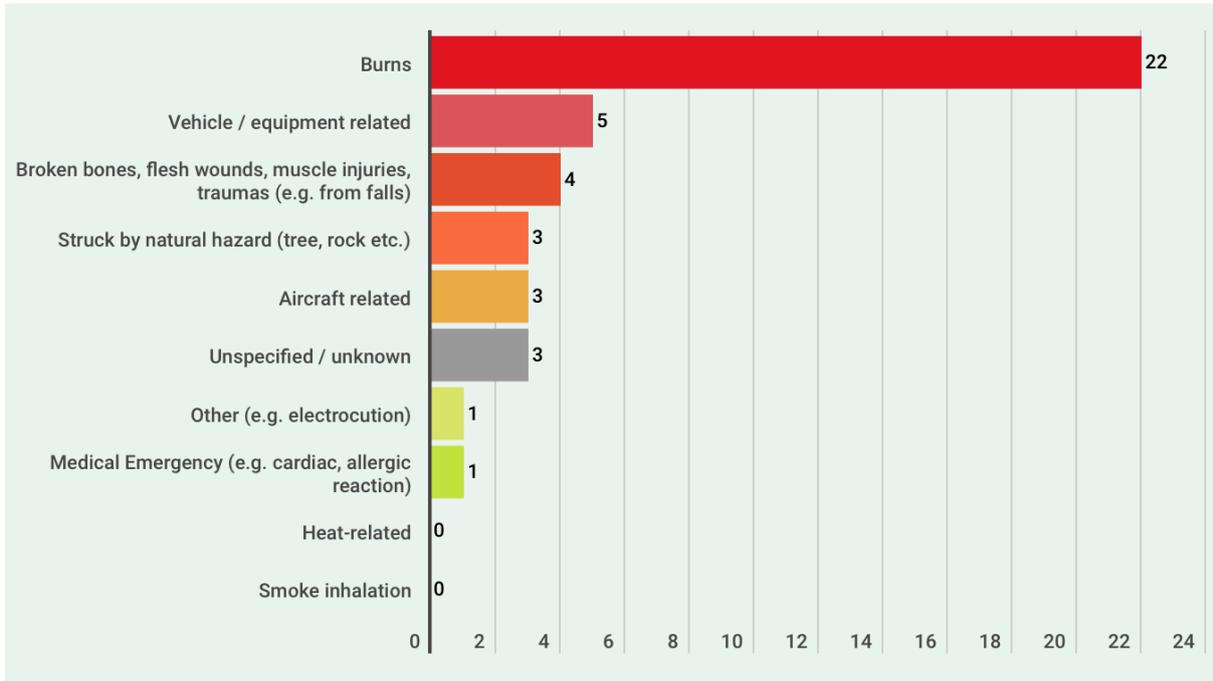


Figure 3. Number of worldwide line-of-duty firefighter deaths in 2017 by category*

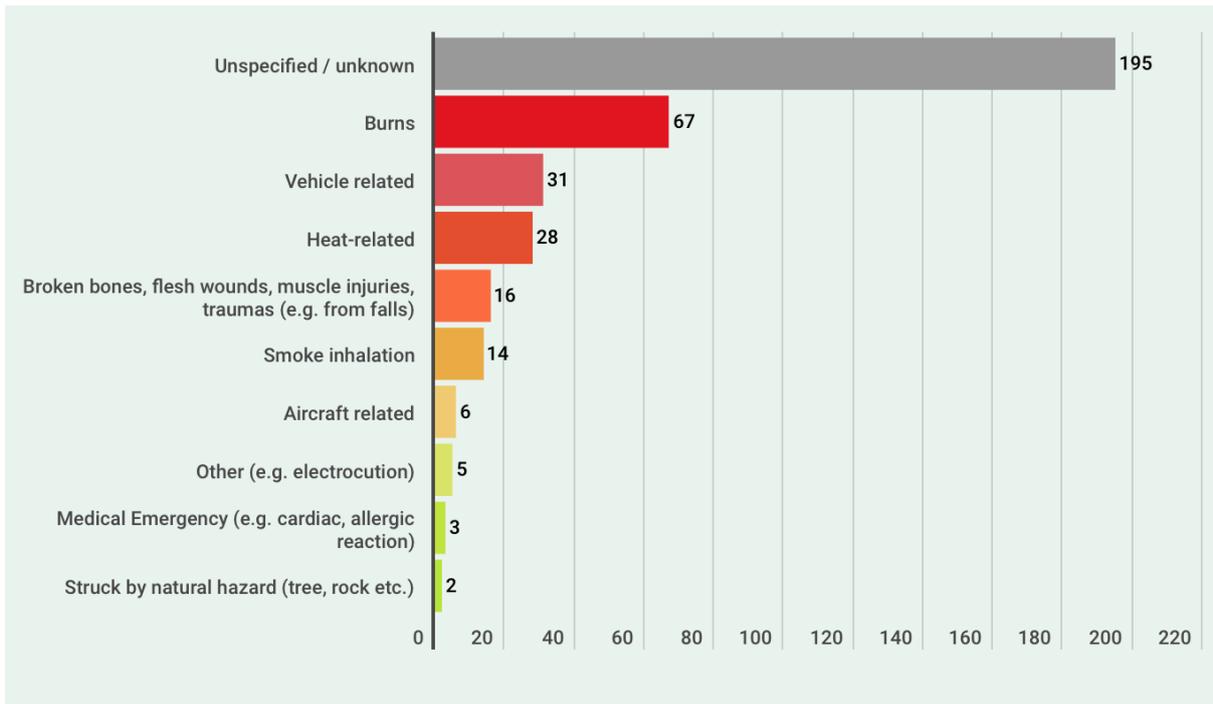


Figure 4. Number of worldwide line-of-duty firefighter injuries in 2017 by category*

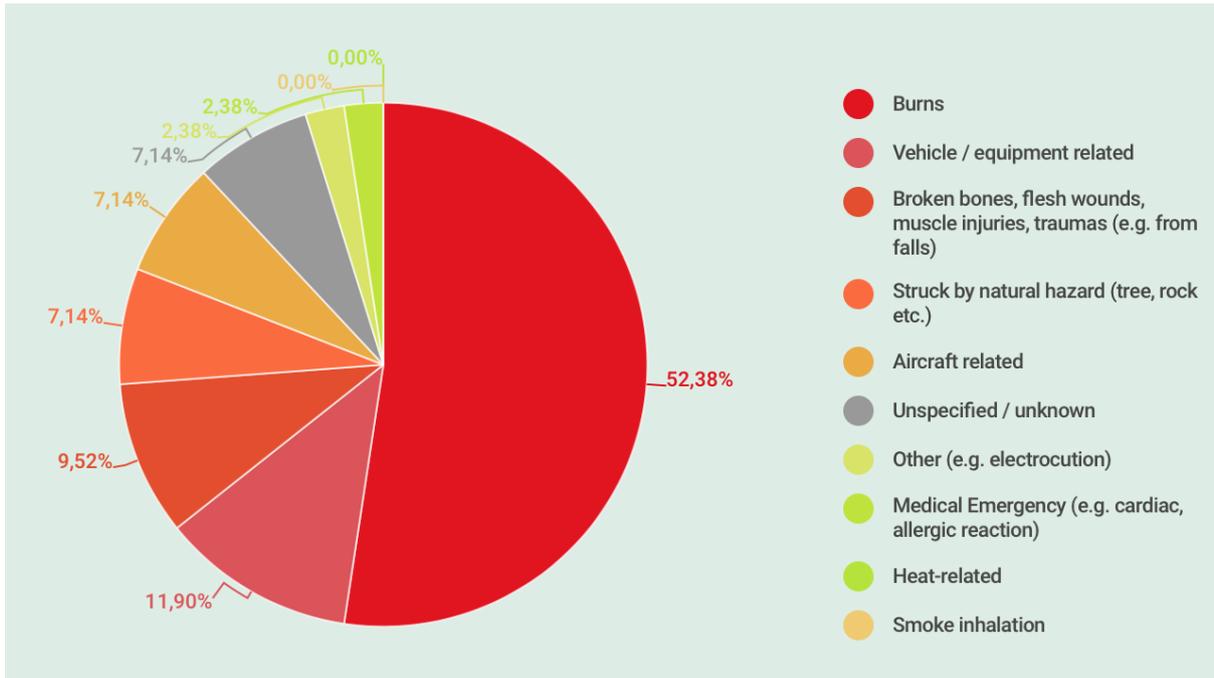


Figure 5. Percentage of worldwide line-of-duty firefighter deaths in 2017 by category*

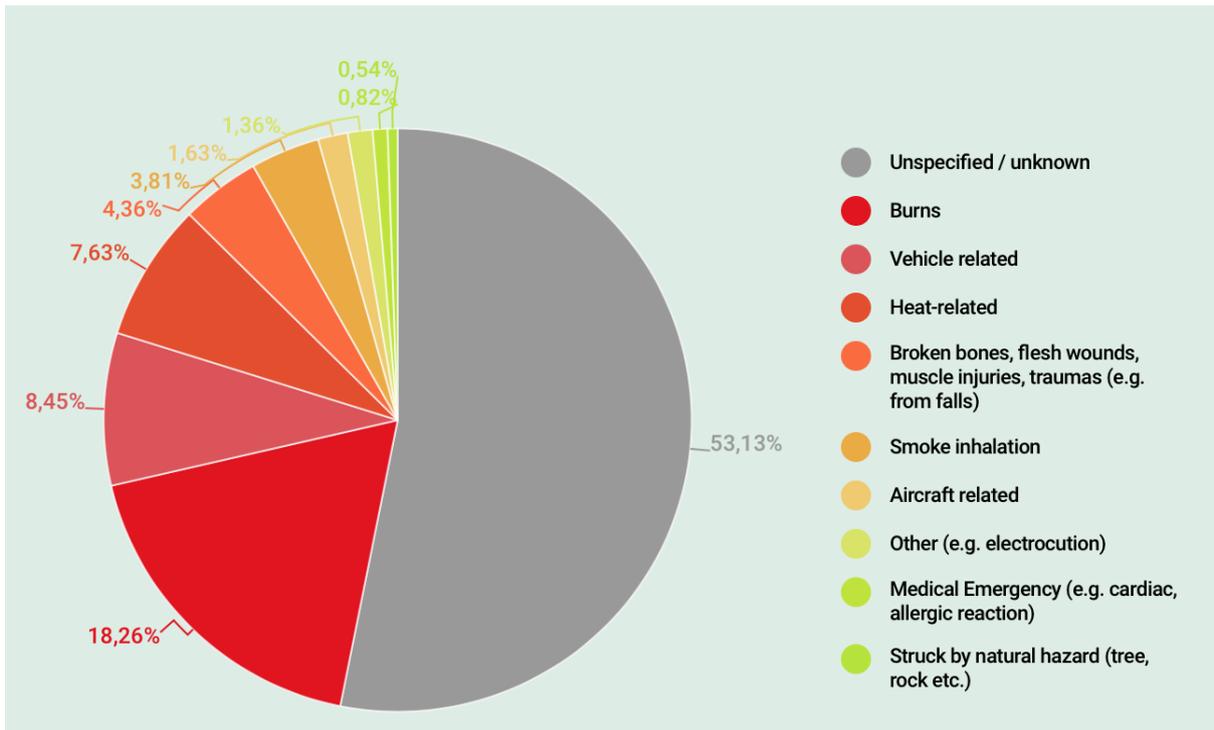


Figure 6. Percentage of worldwide line-of-duty firefighter injuries in 2017 by category*

* 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 2. Summary of firefighters killed and injured in 2017 by country

Country	Firefighters killed	Firefighters injured	Total
Australia	3	5	8
Bolivia	1	-	1
Canada	2	-	2
Chile	7 ⁷	18	25
China	4	-	4
Croatia	-	97	97
France	-	15	15
Greece	1	20	21
Guatemala	-	1	1
India	1	4	5
Israel	-	1	1
Italy	1	2	3
Mexico	5	3	8
New Zealand	1	-	1
Pakistan	1	5	6
Portugal	3	31	34
South Africa	1	10	11
Spain	-	7	7
Turkey	-	5	5
United Kingdom	-	1	1
Ukraine	1	-	1
USA	10	142	152
Total	42	367	409

Table 3. Summary of aircraft personnel killed and injured in 2017 during firefighting operations

Country	Aircraft personnel killed	Aircraft personnel Injured
New Zealand	1	0
Portugal	1	0
Turkey	0	5
USA	0	1
Total	2	6

⁷ This includes 2 police officers killed while acting in the capacity of firefighters, thus considered line-of-duty firefighter deaths for the purposes of this report.

Table 4. Summary of global wildland fire fatalities report 2017: All people killed and injured by wildland fires by continents and countries.

Africa	Killed	Injured	Total
Algeria	10	19	29
Ghana	3	1	4
Malawi	1	0	1
South Africa ⁸	16	37	53
Zambia	2	0	2
Zimbabwe	6	7	13
Total	38	64	102

Asia	Killed	Injured	Total
China	4	0	4
India	5	11	16
Nepal	0	1	1
Russia	3	102	105
Korea, Republic of	1	2	3
Total	13	116	129

Australasia	Killed	Injured	Total
Australia	6	9	15
Indonesia	0	349	349
New Zealand	1	1	2
Total	7	359	366

Europe	Killed	Injured	Total
Bosnia and Herzegovina	1	0	1
Czech Republic	2	10	12
Croatia	1	102	103
Finland	1	4	5
France	0	37	37
Greece	2	28	30
Italy	4	14	18
Kazakhstan	1	1	2
North Macedonia	1	10	11
Portugal	115	396	511
Slovakia	0	1	1
Spain	6	11	17
UK	0	1	2
Ukraine	1	0	1
Total	135	615	750

⁸ 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 a handful of deaths have resulted from these fires.

Middle East	Killed	Injured	Total
Israel	0	1	1
Pakistan	1	5	6
Turkey	0	15	15
Total	1	21	22

North America	Killed	Injured	Total
Canada	3	2	5
Jamaica	0	10	10
Mexico	10	6	16
USA	81	345	426
Total	94	363	457

South America	Killed	Injured	Total
Argentina	0	4	4
Bolivia	2	10	12
Chile	12	326	338
Colombia	0	7	7
Guatemala	0	1	1
Venezuela	1	1	2
Total	15	349	364

Evacuations

Table 5. Summary of evacuation cases by country

Country \ Evacuation category	Number of evacuation case	Number of people	Number of people unknown cases	Number of homes / families	Universities / Schools / Daycares	Train / Airport / Flights services disrupted	Number of parks / recreation areas	Road closures	Other
Argentina	5	78	1		1				1 town evacuated
Australia ⁹	59	4 740	15	3	8	9	3	66	Small town, mine, naval base, animal shelter, and gas refinery evacuated; recycling plant shut down
Bahamas	1	36		12					
Bolivia	2	766	1			1			Entire airport shut down
Bulgaria	2	60							3 villages and 1 town, 2 hospitals evacuated
Canada	55	82 235	2	3 247			109	46	2 towns evacuated; 10 mills, power station, gas plant, 2 mines, 4 resorts evacuated / shut down
Chile	13	17 387	1	1 040	6				2 entire towns and 1 prison evacuated
Croatia	6	1 650	1					15	2 villages, 3 hotels / resorts, a shopping mall, several suburbs and campers evacuated
France	15	16 406	1	146		11	2	9	Airport shut down; unk. Power outages
Georgia	1		1						1 neighborhood evacuated
Greece	4	10 048	1						7 villages, 2 youth camps and 1 monastery evacuated
Guam								1	
India	3		1	1	1				Several schools closed / evacuated; 20 lions evacuated

⁹ 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.

Indonesia					3				3 schools closed
Ireland	2	5	1	1				5	1 hospital, 2 prisons
Israel	4	6	2	3				5	
Italy	30	3 948	7	81	4	6	9	8	Parts of 2 towns, 1 village, 3 hotels / resorts and several apartment complexes evacuated
Jamaica	1		1		1				
Japan	1	880		253	1	1			
Mexico	8	905	2		1			6	1 community evacuated
Montenegro	3	200	1					2	Tourists evacuated
Nepal	1	3							
New Zealand	14	1 248	4	410				3	1 town and 1 farming community evacuated; 12 homes w/out power
Norway	1			4					
Peru	4	470		210	1				Village evacuated
Portugal	9	3 412	4		2			9	62 villages / towns evacuated and 2 wood mills closed
Russia	1	950							2 villages evacuated
South Korea	1	2 500						6	
Sint Maartin	1	20		5				1	
South Africa	15	11 055	2	21	5	1		20	20 communities, 2 hospitals, 1 hotel / resort, animal shelter, plantation, and 2 farms evacuated; unk. power outages; 2500 jobs lost
Spain	32	4 082	2	103		3	6	12	8 towns, 2 neighborhoods, 1 apartment building, 4 hotels / resorts, 20 apartments, shopping mall, car factory, 3 restaurants and 1 business evacuated; city w/out internet, 15 000 homes w/out power, and further outages
Syria	1	5		1					
Trinidad and Tobago	1	5		1				1	
Tunisia	2	572		120					
Turkey	5	250		15				4	Marine traffice halted
United Kingdom	6	298	1			1		10	
United States of America	671	384 198	118	24 361	1 239	362	65	1 045	Evacuations: 2 entire cities, part of city, 19 entire towns, 12 neighborhoods / subdivisions, 3 communities, 2 hospitals, 13 hotels / resorts, 79 businesses, a veteran's facility, 3 apartment complexes, 2 senior homes, 3 fisheries, zoo, a

									<p>factory and 3 commercial buildings, movie theater, sportsmans club and shooting range, Abby (and nuns), observatory and communications site, hikers airlifted, 4 youth camps and homeless camp</p> <p>Closures: 2 airports, harbour, boat ramp, oil and gas wells, waste processing plant, power plant.</p> <p>Other: 188 miles of trails closed, 71 other trails closed, 77 cell towers knocked out (offline, damaged / destroyed), 30,000 homes w/out gas; 15 - 33% flights delayed at major int'l airport (1 week)</p>
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 6. Summary of structural losses

Country	Structure Category	Houses / Homes-destroyed (Including mobile homes)	Houses/ Homes-damaged (Including mobile homes)	Outbuildings, sheds, storages, barns, buildings, fences, businesses	Other structures	Electric lines shutdown ¹⁰	No. of homes affected by electricity outage
Argentina				1			
Algeria		172	7		Infrastructure destroyed		
Australia		76	24	219	2 churches, historic homestead, and many power poles destroyed; railroad museum and mining equipment heavily damaged	101	1 550
Bahamas			2				
Bulgaria		6		2			
Cambodia					timberyard/wood stocks destroyed		
Canada		220	8	208	3 commercial structures and 2 airport hangers destroyed; hydro-pole damaged	2	2 300
Chile ¹¹		1 790	500	40	12 schools, nurserys and businesses, 1 cemetary and 1 warehouse destroyed	1	113 000
China		1			1 cemetary damaged		
Croatia		14	35		City waste dump		
Ecuador				1	Animal shelter destroyed		
Fiji		1					

¹⁰ Outages of electricity from several hours to a number of days

¹¹ A small number of homes may have been double-counted due to crossed reports in the media. However, reports from the media consistently reported much higher losses as compared to the official government count (last reported around 1,640 for the single 'event'). The total structural losses likely well-exceed the 1,790 "verifiable" homes reported lost in this report.

France	257	8	2	Airport hanger destroyed		
Greece	3	36	4	Church camp destroyed		
Guam				Junkyard burned		
India	2					
Italy	10	7	18	Several farms, a lookout tower, boathouse, a historic mill destroyed; a technical institute and many power poles damaged		
Japan	11					
Kenya			3			
North Macedonia	2		1			
Madagascar	100					
Mexico	50		23			
Montenegro	2					
New Zealand	29	6	17	Adventure park damaged		700
Nigeria			1	Plastic factory destroyed		
Pakistan	10		91 ¹²	Government food depot destroyed (including a lot of food stocks)		
Peru	3			Transmission cables damaged		
Portugal ¹³	491		49	20 villages damaged, several factories and farms destroyed; 2 018 farmers affected at a cost of \$25m and 49 companies affected at a cost of €31m ¹⁴		
Russia	252	109	12	9 apartments damaged / destroyed		
South Korea	33					
Serbia	2	2				
South Africa	1 092	390	653	Destroyed: 25 tourist establishments damaged/ destroyed, 2 schools, 1 hospital, golf clubhouse, animal shelter, 2 factories, 2 storage units, 2 electricity substations, 1 restaruant, 15km of fiber-optic cables, 300 power poles.	2	46 000

¹² The 91 structures were businesses destroyed when an entire market was destroyed

¹³ The 2017 fires in Portugal presented an extreme scenario with high loss of life, injuries and property damage. As is common under such circumstances, the number of damaged properties (including farms, outbuildings or other structures) have not been included in officially reported tallies and therefore it could be assumed that actual losses were significantly higher those those verified here. For instance, if the reported 2,018 farmers sustained loses from the fires, it could be safely inferred that all or nearly all experienced some form of damage to their farms / crops, equipment and related goods and structures.

¹⁴ <https://www.bbc.com/news/world-europe-44438505>

				Damaged: Railway lines, water pipelines, farm infrastructure damaged		
Spain	2			Unk. # of wineries and homes destroyed		
Trinidad and Tobago	3		1	Warehouse destroyed, road collapsed		
Tunisia	4					
Turkey	40	1		munitions depot destroyed; many power poles damaged		
Uganda	2					
USA	5 805	10 605	2 215 ¹⁵	Destroyed: 5 schools, 1 hospital, 1 large apartment complex, 4 homeless camps, 7 garages, 5 portable classrooms, 1 commercial structure, 2 resorts, vineyard estates (see below), 1 shopping center, 1 fire station, historic lodge, 333 power poles, more than 3 707 miles of fencing, 3 bridges, a pig farm and 28 wineries damaged/destroyed, campground, picnic area and boardwalk, 50 campsites Damaged: 2 hotels, a lookout tower, 1 apartment complex, railroad, day care and bank, cemetery, 3 schools (heavily damaged), factory, and recycling depot	2 (N/A)	360 318
Zimbabwe	13		1	Unk. # irrigation pipes damaged / destroyed		
2017 Total	10 498	11 740	3 562		108	523 868
2016 Total	3 172	80	3 148		18	232 845

¹⁵ More than 700 structures destroyed were commercial buildings such as shopping malls, businesses and industrial buildings

Table 7. Summary of vehicle losses

Category				
Country	Cars	Trucks/Fire trucks	Airplaes / Helicopters	Others related to vehicle
Australia	34		1	2 travel trailers; 1 tractor
Canada	12			2 travel trailers
Chile	33	31		1 tractor
Croatia	20			
France	4	3	2	
Greece		2	1	
Iraq	2			
Israel		1		3 travel trailers
Italy	4			
Mexico	4	2		2 travel trailers; 1 unoccupied trailer
Mongolia	2			
New Zealand				3 utility trailers
Pakistan	7			
Portugal	100	1		3 tractors
South Africa	132	4		83 military trucks, 1 utility trailer, 200 scrap tires
Spain	1	1		
Trinidad and Tobago	9			
USA	3774	22	2	123 boats, 17 travel trailers, 18 utility trailers, 163 tractors / farm equipment, 1 jet ski, 2 ATVs, 1 bulldozer, 91 commercial vehicles (mostly freight trucks)
Zimbabwe		1		
Total	4138	68	6	518

Table 8. Summary of agricultural losses

Country	Category	Number of Livestock (killed / injured)	Number of hay bales	Crops losses including other agricultural assets (damaged / destroyed)
Algeria			300	177 ha plantation forest, 167 ha wheat fields, several ha olive groves, 6120 fruit trees, 1100 olive trees
Argentina		unk. # (1)		340 ha of olive trees
Australia		7619		5800 ha farmland, 30 ha lentils
Bosnia and Herzegovina				20 bee hives
Canada		30910	unk. # (1)	2 farms destroyed
Chile		7		104 vinyards damaged, 70 ha plantation forest destroyed
Croatia				40 olive trees, 1 vineyard
Ecuador				100 bushels of corn
France				5 ha wheat / barley
Ghana				144 ha crops destroyed
Greece				unk. # of fig trees
India		unk. # (10)		unk. # ha timber, rosewood, and acacia plantations; 11 ha teak plantation, unk. qty. food and grains, 35 ha apple orchard
Iraq				35 ha wheat destroyed
Ireland		unk. # (1)		2500 ha pasture land
Italy		28		30 ha pasture land, 1140 olive trees, 2120 ha of olive groves and vineyards damaged / destroyed. unk. # of ha vineyards, olive groves (multiple instances); 50 million bees killed + hives
Kenya		unk. # (10)		
Mexico		3033		500 ha timber plantation; Unk. # ha peach and avocado orchards destroyed
Mongolia			700	
Montenegro				300 olive trees
Mugabe				120 tonnes of maize destroyed
Nepal				12,000 plots of community forests

New Zealand			230 ha plantation land; unk. # of farms and orchards destroyed
Pakistan			1400 sacks of wheat and flour destroyed
Philippines			5 ha farm land
Portugal			32 bee hives destroyed; 2 018 farmers affected at a cost of \$25m
South Africa	295 + unk. # (10)	unk. # (1)	100,000 hectares of pasture land; 59,000 ha farm and plantation land; unk. # of ha vineyards (x3)
Spain			unk. # of ha vineyards
Turkey			20 ha olive grove damaged
Uganda			unk. # of ha of pasture land, sorghum and gardens
Usa	45,942	3401	600 ha pasture land; 60 bee hives; 2.3 ha corn, 2.5 ha seed crops destroyed, 41 ha sugar cane destroyed, 1 ha avocado groves, unk. Ha apple orchards damaged; 3 cords firewood; 29 vineyards damaged / destroyed; unk. # ha of marijuana fields destroyed
Zimbabwe	51		60,000 ha of pasture land, 5 tonnes of maize, unk. # ha of wheat fields
Total	87, 917	3503	

Table 9. Summary of protected areas affected by fire

Country	Park	Area affected (ha)
Armenia	Caucasus Wildlife Refuge / Khosrov State Reserve	3 000
Australia	Booderee National Park	1 691
	Brisbane Water National Park	10
	Bunyip State Park	26
	Karlamilyi National Park	1 800
	Kalbarri National Park	5 500
	Mount Cole State Park	8
	Pilbera National Park	1 000
	Royal National Park	210
	Sydney National Park	10
Bolivia	Parque Nacional Tunari de Cochabamba	140
	Reserva Biológica de la Cordillera de Sama	10 600
	Tunari Park	250
Brazil	Chapada dos Veadeiros National Park	160 000
Canada	Cathedral Provincial Park	1 900
	Glacier National Park	6 144
	Pasayten Wilderness	20 000
	Waterton National Park	38 100
Chile	Valparaiso's Old Quarters (threatened)	N / A
Colombia	Los Nevados National Park (threatened)	N / A
Costa Rica	Numerous National Parks	145
France	Regional Natural Park of Verdon	200
Guatemala	Mayan Biosphere Reserve	1 500
	Mestizo el Burra, Laguna del Tigre National Park & part of Corredor Biológico Mirador	1 100
India	Bandipur Tiger Reserve	1 004
	Kali Tiger Reserve	12
	Nagarahole Tiger Reserve	10
	Neelakurinji Sanctuary	121
	Shettyhalli, Sakrebailu and Hanagere wildlife areas	250
Italy	Tepilora Regional Park	170
Kenya	Ruma National Park	Unk.
Mexico	Bosque de La Primavera	250

	Veladero National Park	72
New Zealand	Hakarimata Range	1
	Pureora Forest Park	10
North Macedonia	Mavrovo National Park	100
Peru	Cutervo National Park, Cerros de Amotape National Park, Tabaconas-Namballe National Sanctuary, Laquipampa Wildlife Refuge, Pagaibamba Protected Forest, Tumbes National Reserve, and Udimá Wildlife Refuge.	2 668
	Parque de Reserva Natural de Batán Grande	40
Romania	Domogled-Valea Cernei National Park	15
Russia	Tunkinsky National Park.	265
South Africa	Table Mountain National Park	700
Spain	Donana National Park	6 761
	Laguna de Palos y Madres Nature Park	17
	Parque Natural Arribes del Duero	5
USA	Big Bend National Park	423
	Big Cypress National Preserve	10 712
	Coyote Ridge Natural Area	121
	Dinosaur National Monument	105
	Frank Church River of No Return Wilderness	81 000
	Giuffrida Park	3
	Jay B. Starkey Wilderness Park	966
	Kalmiopsis Wilderness	52 100
	Kendrick Mountain Wilderness	121
	Linville Gorge Wilderness	2 241
	Little Missouri National Grassland	2 064
	Marble Mountain Wilderness	53
	McCarty Ranch Preserve	101
	Merritt Island Wildlife Refuge	56 921
	Mill Creek Wilderness	809
	Mount Jefferson Wilderness	26
	Okefenokee National Wildlife Refuge	58 275
	Padre Island National Seashore	202
	Pasayten Wilderness	101
	Walter Walker State Wildlife Area	4
Weeki Wachee Preserve	455	

	Wind Cave National Park	405
Zimbabwe	Various National Parks	899
TOTAL		530,907 (ha)

Table 10. Summary of reported economic impacts for 2017

Category Country	Damages	Suppression / Recovery Costs	Insured Losses	Unspecified / Other	Total	Comments
Australia	\$50,000,000				\$50,000,000	
Bulgaria	\$8,907,600				\$8,907,600	
Canada		\$568,000,000 ¹⁶	\$127,000,000	\$141,000,000 ¹⁷	\$836,000,000	
Chile				\$404,000,000	\$404,000,000	Est. Total costs to the Chilean government
Cuba	\$26,990,415				\$26,990,415	
India	\$35,000			~\$62,037,525	~\$62,072,525	Over \$62m estimated annual forest fire costs
Ireland		\$4,645,220		~\$3,000,000	~\$7,645,220	Cost of 1 fire & est. cost of timber losses & replantation costs (est. 'multi-millions')
Italy				\$7,970,000	\$7,970,000	Jan-June 2017
Mauritania	\$27,000,000				\$27,000,000	Est. Annual sum in livestock feed equivalent
Nigeria	\$10,000				\$10,000	Cost of 1 fire
Portugal	\$8,177,500		~\$246,350,000	~\$745,472,500	~\$1,000,000,000	Government reports over \$1bn total losses from fires
Russia	\$143,497,500 ¹⁸				\$143,497,500	Government's projected 2017 wildfire spending
South Africa	~\$386,618,829	~\$1,042,906			~\$387,661,735	
Trinidad and Tobago	\$3,250,000				\$3,250,000	
Uganda	\$540				\$540	1 small fire
United Kingdom		\$12,800			\$12,800	1 small fire
United States of America	~\$400,919,000	~\$4,705,517,840	~\$14,675,000,000	\$51,000,000	~\$19,832,436,840	\$51m estimated revenue losses in Oregon
Zimbabwe	\$2,813,500				\$2,769,509	
TOTAL	~\$1,058,219,884	~\$5,279,218,766	~\$15,048,350,000	~\$1,414,480,025	~\$22,800,268,675	(USD \$22.8 billion)

¹⁶ \$195 million spent on aircraft alone. For a breakdown: <https://vancouversun.com/news/local-news/b-c-spent-almost-200-million-on-aviation-companies-to-fight-last-years-wildfires>

¹⁷ \$141 million for disaster recovery bill leftover from 2016 wildfires.

¹⁸ Approx. \$143,497,500 (9.5bn rubles) is the official estimation of the Russian government. Greenpeace estimates the number could be significantly higher.

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

Country	Date	Killed	Injured	Source	Situation
Algeria	18/07/17	1	2	https://www.middleeastmonitor.com/20170718-algeria-sets-up-fund-to-help-fire-ravaged-provinces/	A civilian was burned to death, 2 others injured
	15/08/17	9	17	https://www.middleeastmonitor.com/20170815-algeria-26-arrested-for-deliberately-starting-131-forest-fires/	All seriously burned; initially reported as 2 dead and 30 injured.
Total		10	19		
Argentina	22/11/17		4	http://www.elesqui.com/sociedad/2017/11/22/hectareas-consumidas-incendio-forestal-capayan-267618.html	Burns; personal communication with Prof. Norberto Ovando and Gpque. Adalberto Álvarez, reported that numerous civilians suffered burns
Total		-	4		
Australia	06/02/17		3	http://www.brisbanetimes.com.au/queensland/mudgeeraba-fire-destroys-home-20170206-gu6hdi.html	A civilian and 2 FIREFIGHTERS injured (unspecified injuries)
	08/02/17	1		http://www.dailytelegraph.com.au/news/nsw/cameron-cox-killed-by-lightning-strike-while-fighting-mudgee-grass-fire/news-story/ccaf5cabf74d64a766f263b234327a97	A young FIREFIGHTER was struck and killed by lightning while fighting a fire
	12/02/17	1	1	http://www.abc.net.au/news/2017-02-12/bushfires-sweep-nsw-firefighter-civilian-injured/8263674	A FIREFIGHTER received minor injuries while a civilian was life-flighted for serious burns
	15/02/17	1		http://www.hattiesburgamerican.com/story/news/local/2017/02/15/bassfield-fire-chief-dies-while-battling-brush-fire/97942754/	A FIREFIGHTER was killed in action
	18/02/17		2	http://www.abc.net.au/news/2017-02-17/carwoola-grassfire-destroys-homes-near-queanbeyan/8280414	Two FIREFIGHTERS sustained injuries
	20/02/17	1		http://www.skynews.com.au/news/national/nsw/2017/02/20/man-severely-burnt-in-grassfire-dies.html	A man died from severe burns from a grass fire
	28/08/17		1	https://www.northernstar.com.au/news/man-caught-up-in-grass-fire-rushed-to-hospital/3217451/	A man who was injured in a bushfire, was life-flighted with serious burns
	10/09/17		1	https://thewest.com.au/news/wa/boy-burnt-in-suspicious-middle-swan-fire-ng-b88594975z	A boy was found with burns to his legs, arms and body
	29/09/17	1		http://www.abc.net.au/news/2017-09-29/man-dies-in-central-coast-fire/9002452	Man dies from burn injuries while conducting private burn, police believe
	03/10/17	1		http://www.dailytelegraph.com.au/newslocal/central-coast/palm-grove-fire-claims-life-of-peter-woods-of-bensville/news-story/8b3c4271bc1da35c4ad6f78c19d0470a	A volunteer FIREFIGHTER burned to death while fighting a fire
	15/11/17		1	http://www.bendigoadvertiser.com.au/story/5058957/man-suffers-burns-in-grass-fire/	A man suffered minor burns to the leg from a grass fire
Total		6	9		

Bolivia	12/08/17	2	10	http://www.excelsior.com.mx/global/2017/08/12/1181252_ https://elpais.com/internacional/2017/08/12/america/1502556266_621972.html	A civilian and a police woman acting as a FIREFIGHTER / EMERGENCY RESPONDER died while escaping flames and fell into a deep ravine. Ten other civilians recieved minor injuries
Total		2	10		
Bosnia and Herzegovina	17/07/17	1		http://www.press24.mk/pozharite-ja-zedoa-prvata-zhrtva-vo-bosna-mazh-izgore-na-niva	Civilian succumbed to burns
Total		1	-		
Canada	18/10/17	1		http://www.fireengineering.com/articles/pt/2017/10/firefighter-dies-battling-grass-fire-in-canada.html	A FIREFIGHTER was burned to death while battling a grass fire.
	17/10/17	1	2	https://www.ctvnews.ca/canada/family-of-father-son-hurt-in-sask-grass-fire-grateful-for-support-1.3730800	For 2 separate fires on Oct. 17, 2017. 2 injured civilians badly burned in sudden entrapment; one FIREFIGHTER died in accident while hauling water
	13/03/17	1		https://www.vancouverislandfreedaily.com/news/body-of-b-c-wildfire-evacuee-found-in-kamloops-settling-pond/	The body of missing man found months later after fire, he was thought to have burned to death.
Total		3	2		
Czech Republic	N/A	2	10	https://ec.europa.eu/jrc/en/publication/forest-fires-europe-milddle-east-and-north-africa-2017 (Page 21 of Report)	2 people killed and 10 people injured due to forest fires in 2017.
Total		2	10		
Chile	01/01/17		19	http://www.theborneopost.com/2017/01/04/huge-wildfire-burns-100-homes-in-chilean-city/	At least 19 people were reported hurt after the fire broke out on the outskirts of the historic city (mostly burns)
	15/01/17	3	4	http://www.biobiochile.cl/noticias/nacional/region-del-maule/2017/01/15/3-brigadistas-de-conaf-mueren-mientras-combatian-incendio-forestal-en-el-maule.shtml	Three wildland FIREFIGHTERS killed, 4 injured in fire near Vichuquen (burned)
	19/01/17	1		https://www.cooperativa.cl/noticias/pais/desastres-naturales/incendios-forestales/incendios-forestales-causan-nueva-tragedia-hombre-murio-en-galvarino/2017-01-19/141632.html	A man burned to death in a forest fire
	23/01/17		3	http://www.decanter.com/wine-news/chile-fires-historic-vineyards-destroyed-353584/#F8cuxOwCi5rF6zG.99	Local man reports that several of his family members sustained burns while tring to save their vineyard
	25/01/17	1		http://www.reuters.com/article/us-chile-wildfire-idUSKBN1592HC	A FIREFIGHTER died from burns
	25/01/17	3	114	http://www.ibtimes.com/chile-forest-fire-photos-2017-blazes-kill-3-destroy-vineyards-bachelet-begs-aid-2481094	Three people burned to death. Additionally, 140 injuries are reported (subtracted previously reported injuries)
	26/01/17	2		http://www.dailymail.co.uk/wires/ap/article-4160414/Residents-flee-Chiles-worst-wildfires-destroy-town.html	Two POLICE officers engaged in fire suppression were killed battling the flames ¹⁹

¹⁹ Police officers who are killed while acting in the capacity of a firefighter are considered line-of-duty firefighter deaths for the purposes of this report.

	26/01/17		158	https://www.aol.com/article/news/2017/01/26/some-1-500-houses-destroyed-overnight-in-chile-forest-fire/21663676/	Most victims were burned. Reported as 298 injuries (subtracted previously reported injuries)
	28/01/17	1		https://www.yahoo.com/news/death-toll-climbs-11-chile-forest-fires-184923127.html	An additional citizen is reported dead as the death toll rose to 11 (burned)
	02/02/17		9	http://mundoaguaysaneamiento.net/2017/02/02/incendio-contin-a-y-se-investiga-a-posibles-pir-manos-chile/	Nine FIREFIGHTERS were injured in a vehicle accident while responding to a fire
	20/02/17		14	http://hoyentv.com/2017/02/20/onemi-declara-alerta-roja-en-curacav-por-incendio-forestal.html	Fourteen more citizens reported injured in the fires (unspecified)
	17/10/17	1		http://www.latercera.com/noticia/tras-nueve-meses-internado-muere-brigadista-enero-combatio-incendios-forestales/	A FIREFIGHTER succumbed to his burns after being hospitalized for over 8 months (from January fires)
	09/11/17		5	http://www.adnradio.cl/noticias/nacional/cinco-bomberos-lesionados-tras-volcar-carro-cuando-iban-a-incendio-forestal%C2%A0en-tiltil/20171109/nota/3633252.aspx	Five FIREFIGHTERS were injured when a fire engine rolled over
Total		12	326		
China	04/04/17	4		http://www.shanghaidaily.com/nation/Four-firefighters-killed-in-north-China-forest-fire/shdaily.shtml	Four FIREFIGHTERS were killed in a north China forest fire
Total		4	-		
Colombia	18/09/17		7	http://www.elpais.com.co/cal/incendio-forestal-en-oeste-de-deja-siete-personas-afectadas-por-inhalacion-de-humo.html	Seven people were treated and released at scene for smoke inhalation
Total		-	7		
Croatia	03/07/17		1	http://net.hr/danas/hrvatska/veliki-pozar-kod-trogira-dosad-izgorjelo-160-hektara-borove-sume-a-vatra-jos-nije-ugasena/	One civilian suffered burns to their feet
	18/07/17		101	https://ec.europa.eu/jrc/en/publication/forest-fires-europe-milddle-east-and-north-africa-2017 (page 17 of report)	Ninety-seven FIREFIGHTERS suffered minor injuries and four civilians were also injured; there were no further details other than the injuries consisted of mostly smoke inhalation and minor burns to hands and feet.
	21/07/17	1		https://www.24sata.hr/video/spaljena-zemlja-ovako-izgleda-split-nakon-razarajucih-pozara-533234	A civilian died of a heart attack during the fires in split
Total		1	102		
Finland	N/A	1	4	https://ec.europa.eu/jrc/en/publication/forest-fires-europe-milddle-east-and-north-africa-2017 (page 24 of report)	One person died in Finland forest fires in 2017. Four people were injured in different wildfires, suffering from burns
Total		1	4		
France	27/03/17		5	http://wildfiretoday.com/2017/03/27/five-corsica-firefighters-entrapped-and-injured/	Five FIREFIGHTERS were injured (burns) when they became entrapped
	18/07/17		3	https://www.washingtonpost.com/world/europe/france-fights-forest-fires-near-nice-in-provence-corsica/2017/07/18/38c6b9b6-6b91-11e7-abbc-a53480672286_story.html?utm_term=.8fc0639767ef	Three FIREFIGHTERS suffered minor injuries

	25/07/17		3	http://www.bbc.com/news/world-europe-40712886	Three FIREFIGHTERS suffered minor burns and smoke inhalation
	26/07/17		1	http://www.ctvnews.ca/world/fires-force-evacuation-of-12-000-in-the-french-riviera-1.3519207	A FIREFIGHTER suffered serious burns
	27/07/17		21	http://www.bfmtv.com/societe/trois-jours-de-lutte-contre-les-feux-dans-le-sud-7-000-hectares-brules-1224850.html	Twenty-one people reportedly suffered minor burns – no further details
	19/08/17		4	http://en.rfi.fr/france/20170820-thousands-stranded-after-fire-disrupts-train-line-between-nice-and-marseille	Three FIREFIGHTERS and one civilian sustained minor injuries. No further details.
Total		-	37		
Ghana	01/01/17	2	1	https://en.com.gh/86649-danish-ambassador-ghana-advises-public-institution-forego-unproductive-work.html	A bushfire horrifically killed two women at the Soboba District of the Northern Region on Saturday. A third woman who was severely injured was hospitalized
	13/12/17	1		https://www.graphic.com.gh/news/general-news/bushfires-claim-life-cause-destruction-to-farmlands-in-u-w-region.html	A civilian is burned to death in a bushfire
Total		3	1		
Greece	14/05/17	1	2	http://www.keeptalkinggreece.com/2017/05/14/one-dead-two-injured-wildfire-agioi-theodoroi/	One dead, two injured in wildfire in Agioi Theodoroi (burned)
	03/08/17		3	http://www.reuters.com/article/us-greece-wildfire/brush-fire-south-of-athens-injures-firemen-damages-homes-idUSKBN1AJ1YH	Three FIREFIGHTERS injured while battling blaze; unspecified minor injuries
	18/10/17		1	http://news247.gr/eidiseis/koinonia/hleia-olonuxtia-maxh-me-tis-floges-sth-nemouta-paraligo-na-kaei-zwntanos-52xronosw.4896295.html	A civilian suffered severe burns
	N/A	1	22	https://ec.europa.eu/jrc/en/publication/forest-fires-europe-middlle-east-and-north-africa-2017 (page 36 of report)	During the fire-fighting period of 2017, one (1) Firefighter and one (1) citizen were killed and seventeen (17) Firemen and eleven (11) citizens were injured.
Total²⁰		2	28		
Guatemala	16/04/17		1	https://www.publinews.gt/gt/guatemala/2017/04/16/incendios-forestales-morazan-progreso-guatemala-policia-se-desmaya-inhalacion-humo.html	A POLICE OFFICER acting as a FIREFIGHTER fainted while firefighting
Total		-	1		
India	20/02/17	1	4	https://scroll.in/latest/829803/karnataka-forest-guard-killed-four-others-injured-while-dousing-fire-at-bandipur-national-park	A Forest guard (FIREFIGHTER) was killed in fire in Bandipur National Park while two others were in critical condition after receiving severe burns; two others injured

²⁰ One civilian death, two civilian injuries and three FIREFIGHTER injuries have been subtracted from the total reported injuries and deaths as reported by the JRC of the European Commission. This is to avoid any possible double-counting; however, this does not exclude the possibility that the fatality and six injuries reported by media outlets may have not been included in the official estimate of the JRC based on figures from the Ministry of Environment and Energy; Directorate General for The Forests and The Forest Environment, Greece

	28/04/16	2	5	https://scroll.in/latest/829803/karnataka-forest-guard-killed-four-others-injured-while-dousing-fire-at-bandipur-national-park	Forest fire claims two in Arunachal. Five other people injured (unspecified)
	10/03/17	1		http://bangaloremirror.indiatimes.com/news/state/officials-cool-to-forest-fires-in-western-ghats/articleshow/57582832.cms	Forest fire kills one
	06/05/16	1	1	http://starofmysore.com/belavatha-mystery-fire-no-chemicals-found-fire-site/	Unexplained circumstances surrounding a vegetation fire which killed one; another person was injured later
	20/05/16		1	http://www.hindustantimes.com/dehradun/forest-fires-kumaon-worst-hit-officials-pray-for-rain/story-zrA6DLUkkQlflCj2z2wdIM.html	One villager was injured on April 18
Total		5	11		
Indonesia	27/07/17		23	https://www.nst.com.my/world/2017/07/261183/indonesian-forest-fires-5-provinces-declare-state-emergency	Twenty-three people were hospitalized for smoke inhalation
	26/07/17		20	http://www.nationmultimedia.com/detail/aec/30321902	Twenty people were hospitalized for smoke inhalation
	27/07/17		~300	http://www.malaysiandigest.com/sports/689282-ocm-praying-for-haze-free-sea-games.html	"Hundreds" of people were treated for smoke-related illnesses
	26/07/17		6	http://www.en.netralnews.com/news/currentnews/read/8758/peat.lan.d.fire.students.hard.to.breathe.as.smoke.surrounds.school.environment	Six people were treated for smoke-related illnesses
Total		-	~349		
Israel	04/07/17		1	https://www.ynetnews.com/articles/0,7340,L-4984640,00.html	A POLICE OFFICER acting as FIREFIGHTER was injured from smoke inhalation
Total		-	1		
Italy	12/07/17		1	http://www.monrealepress.it/2017/07/12/giacalone-inferno-fuoco-unferito-300-ettari-fumo-7-milioni-euro-danni/	A FIREFIGHTER was seriously injured (presuming burns)
	13/07/17	2	10	https://www.accuweather.com/en/weather-news/raging-wildfires-on-italys-mount-vesuvius-strand-tourists-force-evacuations/70002176	Two people died when they were overrun by fire while 10 other people suffered from smoke inhalation
	21/07/17	1		https://www.thelocal.it/20170721/bush-fires-stretching-capacity-of-fire-department	A person died falling from a burning warehouse, the result of a bush fire
	25/07/17		1	http://www.sardiniapost.it/cronaca/tenta-salvare-gregge-dallincendio-allevatore-ferito-siniscola/	A person was seriously injured when they sustained burns to 30% of their body
	25/07/17		1	http://www.unionesarda.it/articolo/cronaca/2017/07/25/allarme_a_co_sta_rei_il_fuoco_minaccia_case_e_resort	A person received minor burns
	06/08/17	1		http://www.marsicalive.it/?p=147891	A civil protection FIREFIGHTER died fighting a fire
	23/10/17		1	http://overnewsmagazine.com/2017/10/23/incendi-fiamme-in-valle-di-susa-evacuate-50-persone/	One FIREFIGHTER sustained unspecified injuries
Total		4	14		
Jamaica	15/09/17		10	http://jamaica-star.com/article/news/20170915/bush-fire-sends-students-hospital	10 students were hospitalized and treated for smoke inhalation

Total		-	10		
Kazakhstan	15/06/17	1	1	https://www.usnews.com/news/world/articles/2017-06-15/man-killed-in-wildfire-caused-by-russian-spacecraft-launch-in-kazakhstan	One person was killed and one injured by a wildfire caused by Russian spacecraft launch in Kazakhstan
Total		1	1		
North Macedonia	06/08/17	1		http://abcnews.go.com/amp/International/wireStory/latest-fire-burns-unchecked-greek-island-kythira-49066089	One person sustained burns
	13/08/17		10	http://netpress.com.mk/snimki-od-golemiot-pozar-vo-skopsko-kondovo-video/	Ten people sustained minor, unspecified injuries
Total		1	10		
Malawi	17/09/17	1		https://malawi24.com/2017/09/18/young-boy-dies-bushfire/	Young boy dies in bushfire from burns /suffocation from setting hunting fire
Total		1	-		
Mexico	16/02/17	4		http://equilibrioinformativo.com/2017/02/incendio-forestal-en-sola-de-vega-deja-4-personas-muertas/	Four people were killed – unspecified (presumably burned)
	26/02/17	1		http://www.eluniversal.com.mx/articulo/estados/2017/02/26/muere-hombre-en-incendio-forestal-en-veracruz	A man died in a forest fire from burns and asphyxiation
	04/05/17	1		http://www.eluniversal.com.mx/articulo/estados/2017/05/4/fallece-brigadista-que-combatio-incendio-forestal-en-mascota-jalisco	A FIREFIGHTER was killed when he fell on steep terrain
	09/05/17	1		http://www.mural.com/aplicaciones/articulo/default.aspx?id=1109096	Another FIREFIGHTER was killed when he fell on steep terrain
	27/05/17	1		http://www.ntrguadalajara.com/post.php?id_nota=72803	A FIREFIGHTER died from severe burns
	02/06/17		1	https://www.mural.com/aplicacioneslibre/preacceso/articulo/default.aspx?id=1109096&urlredirect=http://www.mural.com/aplicaciones/articulo/default.aspx?id=1109096	A FIREFIGHTER was killed when he fell on steep terrain
	20/06/17	1		https://www.debate.com.mx/mexico/Pierde-la-vida-bombero-de-Tijuana-en-incendio-forestal-20170621-0088.html	A young FIREFIGHTER was killed when his apparatus fell off a steep embankment
	24/06/17		1	http://www.elsiglodedurango.com.mx/noticia/770979.lo-golpea-piedra-al-combatir-incendio-forestal.html	A FIREFIGHTER was injured when he was struck by a falling rock
	16/07/17	1		http://www.frontera.info/EdicionEnLinea/Notas/Policiaca/16072017/1236534-Encuentran-cadaver-calcinado-en-incendio-forestal.html	A person's body was found, burned in a forest fire
	02/08/17		2	http://www.bcsnoticias.mx/se-registraron-2-incendios-santa-rosalia-3-casas-fueron-afectadas-no-lesionados/	Two FIREFIGHTERS were hospitalized for heat strokes while fighting a fire
	04/09/17		2	http://www.elvigia.net/general/2017/9/4/deja-devastacion-incendio-forestal-281624.html	Two people sustained minor burns and were hospitalized
Total		10	6		
Nepal	08/04/17		1	http://www.myrepublica.com/news/17889/	One person suffered severe burns during a forest fire

Total		-	1		
New Zealand	14/02/17	1		https://www.tvnz.co.nz/one-news/new-zealand/no-greater-sacrifice-mayor-reacts-tragic-news-firefighting-helicopter-pilots-fatal-crash	A FIREFIGHTING pilot died when his helicopter crashed during aerial ops
	04/07/17		1	https://www.stuff.co.nz/national/crime/94358694/homeless-man-in-hospital-after-fire-rips-through-porirua-bush	A homeless man was hospitalized with serious burns after becoming caught in a fire
Total		1	1		
Pakistan	24/12/17	1	5	https://tribune.com.pk/story/1591571/1-wildfire-one-dead-five-injured-forest-fire/	One FIREFIGHTER died, five other FIREFIGHTERS were hospitalized with serious burns from fighting a forest fire
Total		1	5		
Portugal	17/04/17	1		http://agencias.abc.es/agencias/noticia.asp?noticia=2475808	One person burned to death
	19/06/19	65	253	http://www.deccanchronicle.com/world/asia/190617/portugal-forest-fire-what-we-know.html , http://www.dailymail.co.uk/news/article-4626896/Portuguese-fire-started-criminal-hand.html	Sixty-five (65) people were killed and two-hundred and forty-five (245) people were injured when they were overrun by flames. Many victims died trapped in their cars attempting to escape. Eight (8) FIREFIGHTERS were also injured, sustaining burns ²¹
	20/06/17	1	5	http://www.the-star.co.ke/news/2017/06/20/kenya-condoles-with-portugal-after-forest-fire-kills-63_c1582933	Thirteen FIREFIGHTERS were hospitalized (less 8 reported the day before). One FIREFIGHTER later died from his injuries. Nature of the injuries were burns.
	03/07/17		10	https://www.usnews.com/news/world/articles/2017-07-03/forest-fire-injures-6-firefighters-in-portugal	Nine FIREFIGHTERS were hospitalized; two wer left in critical condition after being seriously burned; 1 suffered a leg injury; 6 firefighters were treated for light burns and smoke inhalation. One civilian was also injured
	12/08/17		55	https://www.apnews.com/6ab842f33ea54c84b4ba946b1907586a/The-Latest:-112-evacuated-in-Portugal-wildfires	Fifty-five (55) people were reported as injured by blazes, most "slightly" injured, some with serious burns
	20/08/17	1		http://www.abc.es/sociedad/abci-estrella-helicoptero-trabajaba-extincion-incendio-portugal-201708201651_noticia.html	A FIREFIGHTING pilot died when his helicopter crashed during aerial operations and when the rotor struck powerlines
	07/09/17		2	http://24.sapo.pt/actualidade/artigos/extinto-fogo-que-causou-dois-feridos-em-alenquer	Two FIREFIGHTERS were hospitalized: One for smoke inhalation and one with a broken leg. One was a military engineer acting as a firefighter
	17/10/17	46	71	http://www.enca.com/world/portugal-forest-fires-death-toll-rises-to-43	Forty-three (43) people were killed and 72 injured - burned to various degrees, including 3rd degree, all dead or hospitalized with 16 in critical condition; several died later in hospital bringing the final death toll to 46 and 71 injured

²¹ Sixty-five (65) people were killed and two-hundred and forty-five (245) people were injured when they were overrun by flames. Many victims died trapped in their cars attempting to escape. Eight (8) FIREFIGHTERS were also injured, sustaining burns

	N/A	1		https://ec.europa.eu/jrc/en/publication/forest-fires-europe-middle-east-and-north-africa-2017 (page 59 of report)	A FIREFIGHTER (bulldozer operator) was killed during fire suppression activities
Total		115	396		
Russia	26/05/17		102	http://tass.com/world/947756	One-hundred-and-two people sustained unknown injuries during a forest fire
	01/02/16	3		https://www.worldbulletin.net/world/three-die-in-raging-siberia-wildfires-in-russia-h190021.html	Two people died when their village was razed by a wildfire. In a separate incident, a woman was found dead in her yard after succumbing to burns from another wildfire
Total		3	102		
South Africa	08/06/17	9		http://edition.cnn.com/2017/06/08/world/south-africa-fires/index.html	Nine people were killed (burned to death) when fires overran settlements
	11/06/17	1	5	http://www.news24.com/SouthAfrica/News/western-cape-natural-disaster-death-toll-rises-to-11-20170611	One volunteer FIREFIGHTER was killed and 5 others sustained minor injuries
	09/06/17		1	https://www.timeslive.co.za/news/south-africa/2017-06-09-knysna-on-its-knees-as-fires-continue-to-blaze-town-battles-with-power-water-and-communications/	One FIREFIGHTER was injured (unspecified nature of injury)
	15/06/17	2		http://www.news24.com/SouthAfrica/Local/Kouga-Express/kouga-declared-disaster-area-20170614	An elderly couple was killed by fires that tore through their home
	10/07/17		2	http://southcoastherald.co.za/218728/just-7-car-pile-n2-near-hibberdene/	Two people were injured in a vehicle pile-up caused by fire and smoke blowing over the roadway.
	14/10/17	1	4	http://www.news24.com/SouthAfrica/News/woman-dies-during-n17-pile-up-20170714	One woman died and four other people were injured when another grass fire caused a major car pile-up on the highway
	17/10/17		1	http://www.farmersweekly.co.za/agri-news/south-africa/veld-fires-scorch-eastern-free-state-farms/	One person was seriously injured when they suffered burns to hands and legs
	25/08/17	1	15	http://www.fireandrescue.co/news-25-aug-vryheidfire.html	One person was killed, two people left in critical condition, and 13 other people were hospitalized (including an infant) when a taxi was caught in a veld fire. The victims were burned and suffered from smoke inhalation
	15/09/17	1		http://www.fireandrescue.co/news-15-sept-mbombela.html	One person was burned to death in a grass fire
	22/09/17		4	http://www.fireandrescue.co/news-22-sept-ecapefires.html	Up to four FIREFIGHTERS suffered minor burn injuries and smoke inhalation. It is unclear how many victims were 'official' firefighters, but all injured persons were directly involved in fire suppression activities
	09/11/17	1	5	http://www.fireandrescue.co/news-10-nov-mandeni.html	One person was killed and five others were injured when smoke from a fire blew across the roadway, causing a major vehicle accident
Total		16	37		

Korea	07/05/17	1	2	https://www.koreatimes.co.kr/www/nation/2017/05/371_228904.html	One mountain climber was killed and two others were injured due to the blaze and taken to a nearby hospital.
Total		1	2		
Spain	25/04/17	1		http://sorianoticias.com/noticia/2017-04-24-fallece-inmediaciones-un-incendio-forestal-guijosa-39254	One person was killed in a forest fire
	28/04/17		~8	http://spanishnewstoday.com/coru%C3%B1a-forest-fire-brought-under-control_87495-a.html	Approximately four FIREFIGHTERS and four civilians were treated for smoke inhalation
	17/06/17		3	https://www.efe.com/efe/comunitat-valenciana/tribunales-y-sucesos/afectados-por-un-rayo-tres-bomberos-que-extinguian-incendio-en-tuejar/50000881-3298837	Three FIREFIGHTERS were reportedly slightly injured by a lightning strike while fighting an fire
	22/09/17	1		https://www.thesun.co.uk/news/4526368/gran-canaria-forest-fire-claims-first-fatality-after-burnt-body-found-in-mountains/	A woman was burned to death, unable to escape a wildfire
	17/10/17	4		http://www.businessinsider.de/ap-40-die-in-fires-in-portugal-spain-rain-helps-firefighters-2017-10?r=US&IR=T	Four people were killed when they were unable to escape in an outbreak of fires in both Portugal and Spain
Total		6	11		
Turkey	02/07/17		5	https://www.dailysabah.com/turkey/2017/07/02/forest-fire-rages-in-izmir-threatens-citys-water-flow	Five FIREFIGHTERS (flight crew) sustained minor injuries when their helicopter crashed in a lake
	13/07/17		10	http://www.reuters.com/article/us-turkey-fire-idUSKBN19Y0C0	Ten soldiers suffered from smoke inhalation and were hospitalized
Total		-	15		
United Kingdom	18/04/17		1	http://www.thedailyemail.net/news/article_5a3eacf6-2475-11e7-8490-6307a6e6493e.html	One FIREFIGHTER sustained unspecified injuries
Total		-	1		
Ukraine	16/05/17	1		Communicated by RFMC, Kiev	One FIREFIGHTER was killed in action
Total		1	-		
United States	22/01/17		2	http://www.caller.com/story/news/local/2017/01/22/coastal-bend-fires-destroy-aransas-pass-business-several-acres/96928968/	Two people suffered from smoke inhalation
	30/01/17		1	http://www.texarkana gazette.com/news/texarkana/story/2017/jan/30/l-e-home-destroyed-fire/659441/	One person sustained burns
	31/01/17		1	http://okcfox.com/news/local/firefighters-help-homeowner-with-medical-emergency-during-wildfire-fight	One person suffered a cardiac arrest, but survived
	01/02/17	1		http://patch.com/georgia/cartersville/elderly-man-found-dead-fire-cartersville	An elderly man was killed in a fire
	03/02/17	1		http://www.sunherald.com/news/local/article130549374.html	Mississippi man dies from burns after starting brush fire
	13/02/17		1	http://wric.com/2017/02/13/brush-fire-causes-damage-to-multiple-structures-in-chesterfield/	One person was injured during a forest fire (unspecified)

15/02/17		1	https://www.riverbender.com/articles/details/one-firefighter-injured-after-massive-brush-fire-ravages-northern-calhoun-18495.cfm#.WKV7DThcrvR	One FIREFIGHTER was injured (unspecified nature of injury)
21/02/17		1	http://www.wauchopgazette.com.au/story/4482720/firefighting-gran-goes-on/	One FIREFIGHTER suffered heat exhaustion
24/02/17		1	http://www.myhighplains.com/news/volunteer-dalhart-firefighter-has-a-heart-attack-while-fighting-grass-fire/662749131	One FIREFIGHTER suffered a heart attack while firefighting
27/02/17		1	http://www.starnewsonline.com/news/20170227/man-burned-in-homeless-encampment-fire	A homeless man suffered burns after becoming caught in a fire
02/03/17		1	http://www.newsadvance.com/news/local/brush-fire-incident-in-campbell-sends-man-to-uva-burn/article_857bfa90-ffc7-11e6-98e9-6f500f9e4e83.html	One person suffered severe burns
03/03/17	1		http://wspa.com/2017/03/03/greer-man-dies-weeks-after-grass-fire-outside-his-home/	A man dies weeks after grass fire outside his home gives him severe burns
04/03/17	1		http://www.news9.com/story/34663139/elderly-man-dies-after-pottawatomie-county-wildfire	An elderly man was killed in a fire, suffering burns
06/03/17		1	http://denver.cbslocal.com/2017/03/06/brush-fire-causes-evacuation-of-entire-town/	A FIREFIGHTER suffered an unspecified injury
06/03/17		5	http://www.myhighplains.com/news/four-firefighters-injured-while-battling-north-amarillo-fire/667683977	Five FIREFIGHTERS sustained unspecified injuries
08/03/17		6	http://www.nzherald.co.nz/world/news/article.cfm?c_id=2&objectid=11814268	Six people sustained unspecified injuries
08/03/17	7		http://edition.cnn.com/2017/03/07/us/wildfires-texas-deaths/	Seven people died: Four burned to death, 2 died from smoke inhalation, 1 died from a heart attack
09/03/17		1	http://goldentranscript.net/stories/Crew-continue-to-fight-South-Table-Mountain-Fire,244024	One FIREFIGHTER sustained unspecified injuries
21/03/17		1	http://www.nbc-2.com/story/34965667/1-firefighter-injured-brush-truck-lost-in-collier-county	One FIREFIGHTER sustained unspecified injuries and was hospitalized
22/03/17		1	http://altustimes.com/news/8589/oklahoma-wildfire-destroys-nine-homes-forces-evacuations-in-longtown-about-80-miles-southeast-of-tulsa	One FIREFIGHTER suffered from smoke inhalation
23/03/17		1	http://cbs2iowa.com/news/local/brush-fire-causes-crashes-during-tuesday-night-commute	One person was injured in a vehicle accident caused by smoke over the roadway
24/03/17	1		http://www.emissourian.com/local_news/county/man-s-body-found-while-crews-fought-brush-fire-near/article_2b405162-d61f-5b5c-9385-6feee100c0d9.html	A man (presumably) burned to death in a fire
26/03/17		4	http://www.knoxnews.com/story/news/2017/03/25/fire-fighters-receiving-medical-care-after-forest-fire/99632436/	Four FIREFIGHTERS were injured: One suffered from smoke inhalation and three from dehydration
12/04/17		1	http://www.tiogapublishing.com/the_wellsboro_mansfield_gazette/news/local/grass-fire-injures-firefighter/article_60b001de-1f9d-11e7-8e62-fb5e81adf0e4.html	A FIREFIGHTER suffered minor burns

12/04/17		1	http://www.looptt.com/content/man-hospitalized-after-crashing-fire-truck	A man was injured in a vehicle accident with a fire truck, responding to a grass fire
12/04/17		5	http://www.dailynews.com/general-news/20170413/pacific-palisades-fire-injures-5-2-are-critical-and-kills-family-pet	Five people suffered serious burns - two were in critical condition - after a grass fire spread to two homes
16/04/17		2	http://www.wmur.com/search?q=2+firefighters+injured+school+buses	Two FIREFIGHTERS sustained unspecified injuries
16/04/17		1	http://www.newsday.com/long-island/suffolk/firefighter-injures-shoulder-battling-blaze-in-dix-hills-1.13476217	A FIREFIGHTER suffered a shoulder injury
18/04/17	1		http://kdvr.com/2017/04/18/skeletal-remains-found-in-debris-of-pueblo-brush-fire/	The remains of a body were found after a brushfire. CoD unknown.
24/04/17		1	http://www.wtsp.com/news/local/florida/preserve-owner-burned-rescuing-rhino-from-brush-fire/433746583	A person sustained burns
03/05/17		1	http://www.firstcoastnews.com/news/local/helicopter-crashes-while-battling-marion-county-wildfire/436186390	A FIREFIGHTER (PILOT) suffered an unspecified injury when his helicopter crashed
05/05/17		1	http://www.wbir.com/news/local/sevierville-sevier/60-80-acre-fire-in-gatlinburg-area-10-percent-contained/436772018	One person sustained unspecified injuries
05/05/17		1	http://www.nbc-2.com/story/35347342/fire-burns-8-acres-in-cape-coral-firefighter-hospitalized	One FIREFIGHTER suffered heat exhaustion and was hospitalized
09/05/17		1	http://www.hibbingmn.com/news/local/no-structures-damaged-in-wildland-fire-one-firefighter-injured/article_af6def8a-34fa-11e7-9810-5bf78126f22b.html	One FIREFIGHTER suffered a muscle injury
16/05/17		1	http://losangeles.cbslocal.com/2017/05/16/405-freeway-fire/	One FIREFIGHTER sustained unspecified injuries
18/05/17		1	http://www.pe.com/2017/05/18/wildland-fire-near-jurupa-valley-golf-course-delays-trains/	One FIREFIGHTER suffered heat exhaustion
25/05/17	1		http://www.times-standard.com/general-news/20170525/inmate-firefighter-dies-from-injuries-fighting-hoopa-area-fire	One FIREFIGHTER was killed when he was struck by a tree on the fireline
29/05/17		13	http://www.effinghamdailynews.com/news/local_news/grass-fire-causes--vehicle-crash-numerous-injuries/article_8368a623-d199-5f73-b9aa-86dd759cf1b8.html	Thirteen people suffered unspecified injuries as a result of a smoke-caused vehicle pile-up
02/06/17		1	http://wtvr.com/2017/06/02/woman-found-on-fire-near-henrico-county-intersection/	A woman was in critical condition after being severely burned
04/06/17		1	http://myvalleynews.com/local/san-jacinto/san-jacinto-firefighters-extinguish-blaze-charred-27-acres-sent-firefighter-hospital/	One FIREFIGHTER sustained unspecified injuries and was hospitalized
09/06/17	1		http://www.wbir.com/news/local/sevier-co-woman-says-late-husband-is-15th-wildfire-victim/447328308	One person died after suffering severe smoke inhalation in 2016 fire (premature death)
11/06/17		1	http://www.stgeorgeutah.com/news/archive/2017/06/11/jek-dixie-national-forest-fires-human-caused-1-firefighter-treated/#.WVUO7Bhh3GJ	One FIREFIGHTER suffered heat exhaustion
11/06/17		1	http://denver.cbslocal.com/2017/06/11/firefighter-injured-at-site-of-wildfire-on-colorados-western-slope/	A FIREFIGHTER suffered 2nd degree burns to legs (chainsaw fuel accident)

11/06/17		1	http://www.mitchellrepublic.com/news/local/4281768-presho-fire-burns-158-acres-land-sends-one-firefighter-hospital	One FIREFIGHTER suffered heat exhaustion and dehydration and was hospitalized
12/06/17		1	http://ksn.com/2017/06/12/firefighter-hurt-near-norwich-fighting-grass-fire/	One FIREFIGHTER sustained unspecified injuries
13/06/17		1	http://fox5sandiego.com/2017/06/13/fire-burns-at-north-county-golf-course/	A man suffered minor burns
14/06/17		1	http://www.visaliatimesdelta.com/story/news/2017/06/15/firefighters-battle-wildland-fires-fatigue/396257001/	A FIREFIGHTER suffered an ankle injury
19/06/17	1		http://www.walesonline.co.uk/news/wales-news/pensioner-died-grass-fire-deliberately-13197793	A man burned to death in a deliberately lit fire that became uncontrolled
20/06/17	1		http://www.latimes.com/local/lanow/la-me-ln-brush-fire-fatality-granada-hills-20170620-story.html	A woman was burned to death in a homeless camp, unable to escape a wildfire
21/06/17		3	https://www.usnews.com/news/best-states/new-mexico/articles/2017-06-21/brush-fire-destroys-sheds-vehicles-in-san-juan-county	Two people and one FIREFIGHTER were injured from smoke inhalation and one unspecified injury
24/06/17	1		http://www.firehouse.com/news/12346863/nm-firefighter-74-dies-after-suffering-burns-fighting-wildland-fire	A volunteer FIREFIGHTER burned to death while fighting a fire
27/06/17		1	http://www.mycolumbiabasin.com/2017/06/27/grass-fire-leaves-five-homeless/	A FIREFIGHTER suffered an unspecified (minor) injury
27/06/17		1	http://www.centralmaine.com/2017/06/27/separate-fires-in-newport-displace-five-send-one-to-the-hospital/	One person sustained burns
02/07/17		1	https://www.usnews.com/news/best-states/new-mexico/articles/2017-07-02/new-mexico-brush-fire-temporarily-closes-campground	One person suffered from smoke inhalation
06/07/17		1	http://abc7news.com/news/mandatory-evacuations-issued-in-yolo-county-due-to-growing-grass-fire/2190332/	One FIREFIGHTER sustained unspecified injuries
08/07/17		6	http://www.kcra.com/article/cal-fire-crews-battle-grass-fire-in-butte-county-13/10277320	One FIREFIGHTER and five civilians sustained unspecified injuries
09/07/17		3	https://www.usatoday.com/story/news/nation/2017/07/09/calif-wildfires-force-kids-campers-evacuate-amid-heatwave/462630001/	Three people sustained unspecified injuries
10/07/17	1		http://wildfiretoday.com/2017/07/10/us-forest-service-dies-during-physical-training/	One FIREFIGHTER died (collapsed) during physical training
11/07/17		1	http://www.pe.com/2017/07/10/firefighter-with-heat-related-emergency-airlifted-from-san-bernardino-mountains/	One FIREFIGHTER suffered heat exhaustion and was hospitalized (airlifted)
11/07/17	1		http://www.nbcsandiego.com/news/local/Inmate-Firefighter-Dies-of-Injuries-While-Fighting-Brush-Fires-Near-Lakeside-433900213.html	One (inmate) FIREFIGHTER died as a result of serious chainsaw injuries to the leg
13/07/17		1	http://www.highlandnews.net/news/public_safety/brush-fire-closes-highway/article_568bd122-675c-11e7-8d78-6ba759cdf042.html	One FIREFIGHTER suffered heat exhaustion
16/07/17		1	http://seguingazette.com/news/article_4afae18a-69c9-11e7-83aa-83ed1a3c83aa.html	One person sustained burns
17/07/17	1		http://www.sacbee.com/news/local/crime/article161867253.html	One person burned to death

18/07/17		1	http://ktla.com/2017/07/18/72-acre-fire-in-perris-is-80-percent-contained-firefighter-transported-to-hospital/	One FIREFIGHTER suffered heat exhaustion
18/07/17	1		http://www.nbcmontana.com/news/keci/19-year-old-firefighter-killed-by-falling-tree-in-montana/590384610	A 19-year old FIREFIGHTER was killed by a tree on the fireline
23/07/17		1	http://www.gazettes.com/news/long-beach-firefighter-injured-fighting-grass-fire/article_85b7178c-6fee-11e7-a751-6bf564c3d6e7.html	A FIREFIGHTER suffered an unspecified injury
23/07/17		1	http://www.krem.com/news/local/spokane-county/crews-remain-on-scene-for-wildfire-near-stentz-road-north-of-spangle/458819627	One FIREFIGHTER sustained unspecified injuries and was hospitalized
23/07/17		3	http://www.dailypress.com/tidewater-review/news/va-tr-brush-fire-burns-5-acres-in-king-william-20170723-story.html	Three FIREFIGHTERS suffered heat related illnesses
24/07/17		1	https://lbpost.com/news/2000011230-firefighter-battling-brush-fire-near-long-beach-freeway-hospitalized-with-minor-injuries	A FIREFIGHTER suffered minor burns and was hospitalized
27/07/17	1		http://rapidcityjournal.com/news/local/woman-killed-after-grass-fire-in-fairburn-spreads-to-home/article_32ffe91d-efbe-5c76-97fa-e40ade6ff0eb.html	A woman was burned to death when a grass fire spread to her home
29/07/17		1	http://www.gosanangelo.com/story/news/2017/07/29/brush-fires-shut-down-armstrong-st-hours/523217001/	A FIREFIGHTER suffered an unspecified injury
30/07/17		1	http://mynews4.com/news/local/crews-battle-lightning-sparked-wildfire-southeast-of-gardnerville	A FIREFIGHTER suffered minor burns and was airlifted
31/07/17		9	http://www.latimes.com/local/lanow/la-me-ln-wildfires-20170731-story.html	Nine FIREFIGHTERS suffered heat-related injuries
31/07/17		1	http://sanfrancisco.cbslocal.com/2017/07/31/firefighter-injured-napa-county-grass-fire/	A FIREFIGHTER suffered an unspecified injury
02/08/17		2	http://www.nbcbayarea.com/news/local/Brush-Fire-Reported-in-Oakland-Hills-438168433.html	A FIREFIGHTER fell and was hospitalized with serious head injuries (expected to live); another FIREFIGHTER sustained injuries
02/08/17		1	http://www.chronline.com/residents-evacuated-as-crews-battle-brush-fire-in-grand-mound/article_6527817e-77e5-11e7-8426-c303c5ecb288.html	A FIREFIGHTER suffered a hand injury
08/08/17		1	http://www.oregonlive.com/portland/index.ssf/2017/08/firefighter_suffers_medical_is.html	One FIREFIGHTER suffered heat exhaustion with medical complication
08/08/17		1	https://www.cbsnews.com/news/kootenai-national-forest-fire-evacuations-eureka-montana/	A FIREFIGHTER fell from a fire truck and was hospitalized
08/08/17		1	http://www.pressdemocrat.com/news/7288508-181/lake-county-fire-contained-along?artslide=0	One FIREFIGHTER sustained unspecified injuries and was hospitalized
11/08/17		8	http://www.krcrtv.com/news/local/modoc/fire-crew-truck-assigned-to-parker-2-fire-rolls-over-injuries-reported/603240588	Eight FIREFIGHTERS injured in fire crew truck rollover; all 8 hospitalized, one with serious but non-life-threatening injuries

09/08/17		3	http://www.ottumwacourier.com/news/minor-injuries-as-grass-fire-destroys-home/article_6b8942a6-7d4d-11e7-bae2-e3117880cff6.html	Three FIREFIGHTERS injured while battling blaze; one heat exhaustion, two with minor burns
09/08/17		1	http://www.nbcmiami.com/news/local/Injury-Reported-as-Crews-Battle-Grass-Fire-in-Southwest-Miami-Dade-439498923.html	One FIREFIGHTER was severely injured when he was struck by a tree on the fireline (airlifted)
13/08/17		1	http://news4sanantonio.com/news/local/nixon-fire-chief-electrocuted-by-live-wire-while-responding-to-grass-fire	A FIREFIGHTER suffered an electrical shock from downed lines, transported in critical condition, expected to survive
17/08/17	1	1	http://www.greatfalltribune.com/story/news/local/2017/08/17/ohio-woman-dies-vehicle-sparked-fire-montana/104692942/	One woman died and one person was injured after vehicle-sparked fire burned them
21/08/17		3	http://idahostatejournal.com/news/local/wildfire-raging-near-arimo-two-firefighters-injured-fire-truck-on/article_4ee8ee6e-f35b-5e4b-abbd-3463c710f7ec.html	Three FIREFIGHTERS suffered burns and smoke inhalation, one burned on 40% of body, 1 with broken leg too
25/08/17		1	http://www.kolotv.com/content/news/Fire-in-West-Reno-putting-up-smoke-441561493.html	One FIREFIGHTER suffered heat exhaustion
24/08/17	1	2	http://kpq.com/one-person-dies-in-smoke-caused-accident/	One person died and two others were injured in a accident caused by wildfire and smoke on the roadway
28/08/17		1	https://www.wildfirelessons.net/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=84781a4e-392b-ca68-d9d3-a48738f0ec23&forceDialog=0	One person (fire support staff member - non-fireline injury at ICP) suffered burns when a small propane tank exploded in a tent
28/08/17		3	http://ktvl.com/news/local/3-firefighters-injured-at-the-miller-complex-fire	Three FIREFIGHTERS sustained injuries when their fire engine rolled over, 1 seriously injured, 2 with minor injuries
31/08/17	1		http://www.keyt.com/traffic/los-padres-national-forest-fire-chief-killed-returning-home-from-railroad-fire/615197690	One FIREFIGHTER died in a vehicle accident after returning from a fire (suspected fatigue)
31/08/17		2	https://inciweb.nwgc.gov/incident/5548/	Two FIREFIGHTERS sustained unspecified injuries
30/08/17		6	http://www.reuters.com/article/us-usa-wildfires/los-angeles-fire-spread-halted-work-to-contain-it-continues-idUSKCN1BE13J	Six FIREFIGHTERS sustained unspecified injuries
04/09/17		1	http://abc7news.com/firefighter-injured-battling-brush-fire-in-gilroy/2375037/	A FIREFIGHTER fell 40th and was hospitalized with minor injuries
05/09/17		7	http://www.firehouse.com/news/12365046/ca-man-says-he-didnt-threaten-firefighters	Seven FIREFIGHTERS sustained unspecified injuries, all seven were hospitalized
08/09/17		1	http://www.tri-cityherald.com/news/local/article171979367.html	One FIREFIGHTER suffered an eye injury
09/09/17		1	http://www.ktvq.com/story/36324922/man-burned-in-huntley-grass-fire-transported-to-hospital	A man suffered severe burns and was airlifted from a grass fire
19/09/17		1	http://www.pressdemocrat.com/news/7439983-181/santa-rosa-fire-prompts-evacuation	One FIREFIGHTER suffered from smoke inhalation
20/09/17		2	http://www.fresnobee.com/news/local/article174399356.html	Two FIREFIGHTERS sustained unspecified injuries
25/09/17		1	http://www.sandiegouniontribune.com/news/public-safety/sd-me-homeless-fire-20170925-story.html	One FIREFIGHTER suffered a minor back injury

29/09/17		1	http://wildfiretoday.com/2017/09/29/water-tender-rollover-jolly-mountain-fire-in-washington/	One FIREFIGHTER was injured when a water tender he was driving rolled over
29/09/17		6	https://inciweb.nwcg.gov/photos/CASNF/2017-08-29-1928-Railroad-Fire/related_files/pict20170812-094646-0.pdf	Six FIREFIGHTERS sustained unspecified injuries
08/10/17	1		http://wildfiretoday.com/2017/10/08/man-killed-during-helicopter-mulch-operation-at-brian-head-fire/	A FIREFIGHTER (or forestry worker - unclear) was rehabilitating a fireline when he was struck and killed by a bucket from a helicopter
09/10/17		1	https://patch.com/california/los-angeles/s/g90ll/anaheim-fire-7-500-acres-homes-burn-no-return-for-evacuees?utm_source=alert-breakingnews&utm_medium=email&utm_term=weather&utm_campaign=alert	One FIREFIGHTER suffered from smoke inhalation
10/10/17	3	28	http://www.sfgate.com/news/article/Three-dead-in-Mendocino-County-wildfire-12267006.php	Three people burned to death. Twenty-eight (28) others sustained burns; four (4) people were in critical condition
10/10/17	1		http://www.kcra.com/article/at-least-1-killed-in-yuba-county-wildfire/12806712	One person burned to death
10/10/17	17	100	http://edition.cnn.com/2017/10/10/us/california-fires-napa/index.html	Seventeen people burned to death and about 100 other people sustained injuries (mostly burns)
12/10/17	2		http://beta.latimes.com/local/lanow/la-me-ln-fires-northern-california-20171011-story.html	Two people died from burns and smoke inhalation
15/10/17	21		https://www.washingtonpost.com/news/post-nation/wp/2017/10/14/more-californians-ordered-to-flee-as-gusting-winds-spread-wildfires/?utm_term=.2c85d633fede , http://www.sfgate.com/bayarea/article/Another-firefighter-hurt-battling-Santa-Cruz-12287511.php	Twenty-one people were burned to death
16/10/17	1		http://abc7news.com/investigation-launched-after-crew-member-dies-helping-with-napa-fires/2540687/	A FIREFIGHTER died when his water tender rolled over
18/10/17		5	http://www.sfgate.com/bayarea/article/Homes-evacuated-in-Santa-Cruz-Mountains-as-new-12283892.php	Five FIREFIGHTERS sustained injuries, all hospitalized: 1 smoke inhalation, 1 fall with broken limb and lacerations, 1 lacerations and sprain, 2 unspecified
18/10/17		2	https://www.mercurynews.com/2017/10/18/sixth-firefighter-injured-battling-blaze-in-santa-cruz-mountains/	Two FIREFIGHTERS sustained minor burns
24/10/17		2	http://www.latimes.com/local/lanow/la-me-ln-granada-hills-fire-20171024-story.html	Two FIREFIGHTERS sustained injuries: one suffered from smoke inhalation, one from bee stings
30/10/17	1		http://abcnews.go.com/amp/US/wireStory/teen-girl-dies-burn-injuries-california-wildfire-50811045	A teenage girl died after suffering severe burns 3 weeks' prior
01/11/17		1	http://www.yakimaherald.com/news/local/yakima-firefighters-say-homeless-woman-escapes-brush-fire-with-minor/article_cfac8270-bf42-11e7-9853-2b81a371d9b8.html	One civilian suffered minor burns
06/11/17	1		http://www.eastcountymagazine.org/fire-captain-takes-own-life-pine-valley-bridge	A FIREFIGHTER committed suicide at the end of his shift

24/11/17	1		http://www.kcrg.com/content/news/Man-dies-in-40-acre-Grinnell-brush-fire--460016763.html	A man burned to death in a brush fire
27/11/17		2	http://wildfiretoday.com/2017/11/27/engine-rollover-on-hauser-road/	Two FIREFIGHTERS sustained unspecified injuries when their fire engine rolled over while responding to a wildfire
28/11/17		5	http://www.meridianstar.com/news/local_news/injured-in-accidents-stemming-from-newton-county-brush-fire/article_e56fc788-d447-11e7-b9dc-f3fd1d997f33.html	Five people sustained injuries in a vehicle accident caused by heavy wildfire smoke blowing over the roadway
28/11/17	1		http://www.fox23.com/news/man-killed-in-bristow-grass-fire/655079583	One person died, suffering a medical condition during a wildfire
28/11/17	1		https://www.turnto23.com/man-identified-after-body-found-in-2017-grass-fire	A man accidentally burned to death in grass fire
28/11/17		1	http://www.arkansasonline.com/news/2017/dec/07/arkansas-man-whose-home-and-vehicles-were-damaged-/	One person sustained burns to the arm
29/11/17	1		https://www.usnews.com/news/best-states/california/articles/2017-11-29/man-dies-of-injuries-raising-wildfires-death-toll-to-44	One person died (succumbed to burns from month prior)
03/12/17		2	http://www.latimes.com/local/lanow/la-me-creek-fire-20171205-story.html	Two FIREFIGHTERS sustained injuries: one from a dozer rollover, another burned from a propane explosion; both hospitalized
06/12/17		1	http://www.latimes.com/local/lanow/la-me-ln-school-fire-20171204-story.html	A FIREFIGHTER was injured when he was struck by a vehicle during structure protection (hospitalized)
07/12/17	2	19	https://en.wikipedia.org/wiki/December_2017_Southern_California_wildfires , https://edition.cnn.com/2017/12/09/us/california-wildfires/index.html	A FIREFIGHTER died during a flare-up and entrapment; one civilian death occurred while escaping in car; twelve (12) FIREFIGHTERS and seven (7) civilians were injured (unspecified)
07/12/17		1	http://losangeles.cbslocal.com/2017/12/07/skirball-fire-sepulveda-pass-405-freeway/	A FIREFIGHTER suffered minor burns to his neck (hospitalized)
08/12/17		3	http://www.nydailynews.com/newswires/news/business/wildfire-destroys-mobile-homes-california-retirement-park-article-1.3683219	Three people sustained burns while attempting to outrun a fire
11/12/17		1	https://www.ksal.com/man-burned-in-grassfire-north-of-salina/	A man suffered burns to his lower body
11/12/17		1	Redding firefighter suffers broken leg while working Thomas Fire	A FIREFIGHTER suffered a broken leg
14/12/17		2	http://www.wbir.com/article/news/local/crews-quickly-work-to-contain-two-forest-fires-burning-in-hamblen-county/51-499338060	Two FIREFIGHTERS sustained injuries: one suffered from smoke inhalation, one fell
15/12/17		1	https://www.firehouse.com/apparatus/type/brush-forestry/news/12386902/parker-county-firefighter-burned-grass-rig-destroyed-at-brush-fire-firefighter-news	A FIREFIGHTER suffered burns when he (and firetruck) were overrun with flames (entrapment)
19/12/17	1		https://www.cbsnews.com/news/california-contractor-fatally-crushed-while-removing-wildfire-debris/	A contractor who was removing debris from fire, was killed when he was crushed by his truck
21/12/17		1	https://www.nbclosangeles.com/news/local/Riverside-Mission-Inn-Fire-Brush-Spreading-Homes-465733993.html	A person was injured (possible broken leg) while protecting property from brushfire

	27/12/17	1	2	https://www.news4jax.com/news/1-killed-2-injured-in-crash-involving-fire-truck	One person was killed and two FIREFIGHTERS were injured in a collision with a fire truck responding to a wildfire
Total		81	345		
Slovakia	N/A		1	https://ec.europa.eu/jrc/en/publication/forest-fires-europe-miiddle-east-and-north-africa-2017 (page 64 of report)	One person was injured during a forest fire (unspecified)
Total		-	1		
Venezuela	16/04/17	1	1	http://noticialdia.com/2017/04/dos-hermanos-se-queman-en-incendio-forestal-en-anzoategui-y-uno-muere-tras-varios-dias-en-el-coromoto-maracaibo/	One person died and another was injured when they were caught in a forest fire (burned)
Total		1	1		
Zambia	15/08/17	2		http://www.times.co.zm/?p=97753	Two boy burned to death in a bushfire
Total		2	-		
Zimbabwe	17/07/17		4	http://www.chronicle.co.zw/fire-destroys-2-million-property/	Four people suffered burns in a bushfire
	05/09/17		1	https://bulawayo24.com/index-id-news-sc-national-byo-144498.html	An elderly women suffered serious burns
	23/09/17	2	1	http://www.chronicle.co.zw/veld-fires-claim-two-lives/	Two people burned to death and one other sustained serious burns in a bushfire
	05/10/17	2		http://www.chronicle.co.zw/veld-fires-kill-four-in-3-months/	One person burned to death and another previously unreported fatality was also include (both burned)
	19/10/17	1	1	https://www.newsday.co.zw/2017/10/toddler-trapped-raging-inferno-burnt-death/	A toddler was burned to death while the father sustained serious burns in an attempt to rescue his child; fire was an escaped rubbish fire
	22/10/17	1		https://www.thestandard.co.zw/2017/10/22/octogenarian-killed-veld-fire/	A farmer burned to death, when is crop-clearing fire escaped his control
Total		6	7		

Annex II: Previous Years' Reports

Ninth Global Wildland Fire Fatalities Report

GFMC / IWPM / UNISDR Global Wildland Fire Network Bulletin No. 22 (# 1 / 2017 – 18 December 2017)
<http://gfmco.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)
<http://gfmco.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://www.gfmco.online/media/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)
<http://www.gfmco.online/media/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)
<http://www.gfmco.online/media/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)
<http://www.gfmco.online/media/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)
<http://www.gfmco.online/media/GFMC-Bulletin-01-2011.pdf>

Fourth Global Wildland Fire Fatalities Report

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 17 (# 1 / 2012 – 29 July 2012)
<http://gfmco.online/wp-content/uploads/GFMC-Bulletin-01-2012.pdf>

Fifth Global Wildland Fire Fatalities Report

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 18 (# 1 / 2013 – 31 August 2013)
<http://gfmco.online/wp-content/uploads/GFMC-Bulletin-01-2013.pdf>

Sixth Global Wildland Fire Fatalities Report

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 19 (# 1 / 2014 – 30 December 2014)
<http://gfmco.online/wp-content/uploads/GFMC-Bulletin-01-2014.pdf>

Seventh Global Wildland Fire Fatalities Report

IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 20 (# 1 / 2015 – 20 April 2015)
<http://gfmco.online/wp-content/uploads/GFMC-Bulletin-01-2015.pdf>

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IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 21 (# 1 / 2016 – 12 September 2016)
<http://gfmco.online/wp-content/uploads/GFMC-Bulletin-01-2016.pdf>

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IFFN-GFMC UNISDR Global Wildland Fire Network Bulletin No. 22 (# 1 / 2017 – 18 December 2017)
<http://gfmco.online/wp-content/uploads/GFMC-Bulletin-01-2017.pdf>

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