

# NFIRS COVID-19 Special Study Summary Report

Report Period: 1/1/20 to 12/31/20

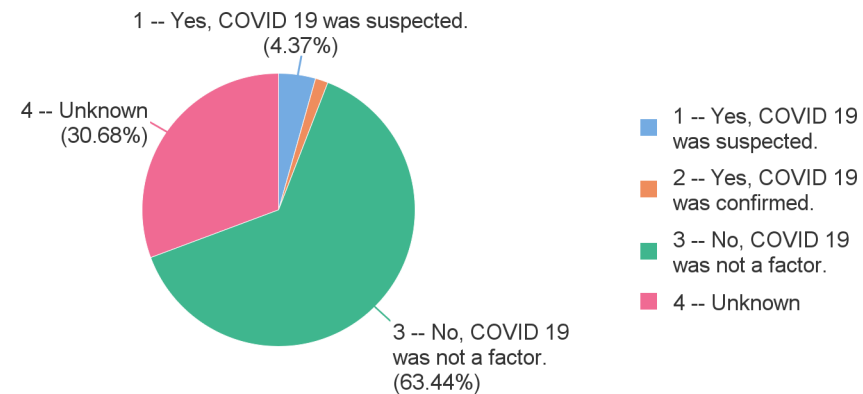
## NFIRS COVID-19 Special Study Summary By Incident Type Category

Incident Type Category	Total Incidents with COVID-19 Special Study	Percent of Special Study Incidents
Fires (100-173)	314,304	4.48%
Overpressure Rupture, Explosion, Overheat Calls (200-251)	9,861	0.14%
Rescue and EMS Calls (300-381)	4,456,178	63.48%
Hazardous Condition Calls (400-482)	253,945	3.62%
Service Calls (500-571)	564,368	8.04%
Good Intent Calls (600-672)	835,895	11.91%
False Alarm and False Calls (700-751)	540,437	7.70%
Severe Weather and Natural Disaster Calls (800-815)	19,917	0.28%
Special Incident Type Calls (900-911)	24,556	0.35%
Blank Incident Type	0	0.00%
<b>Grand Total</b>	<b>7,019,461</b>	<b>100.00%</b>

## NFIRS COVID-19 Special Study Summary - Frequency

COVID-19 Special Study Code	Total Incidents	Percent
1 -- Yes, COVID 19 was suspected.	306,790	4.37%
2 -- Yes, COVID 19 was confirmed.	105,946	1.51%
3 -- No, COVID 19 was not a factor.	4,452,955	63.44%
4 -- Unknown	2,153,770	30.68%
<b>Grand Total</b>	<b>7,019,461</b>	<b>100.00%</b>

## NFIRS COVID-19 Special Study Summary



## NFIRS COVID-19 Special Study Participation

Participating States	50
Participating Fire Departments	9,989

# NFIRS COVID-19 Special Study Summary Report

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## NFIRS COVID-19 Special Study Summary By Month

COVID-19 Special Study Code	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Grand Total
1 -- Yes, COVID 19 was suspected.	154	279	10,390	43,506	34,802	26,948	35,458	28,937	22,475	26,080	34,870	42,891	306,790
2 -- Yes, COVID 19 was confirmed.	9	14	1,079	6,532	6,327	5,723	10,400	8,172	5,566	9,579	21,612	30,933	105,946
3 -- No, COVID 19 was not a factor.	39,222	42,030	87,230	382,644	468,182	510,109	529,841	526,737	475,609	483,070	453,949	454,332	4,452,955
4 -- Unknown	9,510	11,438	33,144	149,892	194,682	211,241	251,687	253,564	239,324	258,903	261,484	278,901	2,153,770
<b>Grand Total</b>	<b>48,895</b>	<b>53,761</b>	<b>131,843</b>	<b>582,574</b>	<b>703,993</b>	<b>754,021</b>	<b>827,386</b>	<b>817,410</b>	<b>742,974</b>	<b>777,632</b>	<b>771,915</b>	<b>807,057</b>	<b>7,019,461</b>

## NFIRS COVID-19 Special Study Detailed Summary By Incident Type Category

Incident Type Category	1 -- Yes, COVID 19 was suspected.	2 -- Yes, COVID 19 was confirmed.	3 -- No, COVID 19 was not a factor.	4 -- Unknown	Grand Total
Fires (100-173)	1,195	368	261,723	51,018	<b>314,304</b>
Overpressure Rupture, Explosion, Overheat Calls (200-251)	57	25	7,991	1,788	<b>9,861</b>
Rescue and EMS Calls (300-381)	278,918	96,590	2,521,166	1,559,504	<b>4,456,178</b>
Hazardous Condition Calls (400-482)	2,037	618	210,210	41,080	<b>253,945</b>
Service Calls (500-571)	6,863	3,228	418,310	135,967	<b>564,368</b>
Good Intent Calls (600-672)	12,835	3,725	564,322	255,013	<b>835,895</b>
False Alarm and False Calls (700-751)	4,515	1,261	431,979	102,682	<b>540,437</b>
Severe Weather and Natural Disaster Calls (800-815)	31	18	17,919	1,949	<b>19,917</b>
Special Incident Type Calls (900-911)	339	113	19,335	4,769	<b>24,556</b>
<b>Grand Total</b>	<b>306,790</b>	<b>105,946</b>	<b>4,452,955</b>	<b>2,153,770</b>	<b>7,019,461</b>

# NFIRS COVID-19 Special Study Summary Report

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## Top 5 Incident Type (Confirmed or Suspected Incidents)

Incident Type Code	Incident Type Description	Grand Total
321	EMS call, excluding vehicle accident with injury	296,409
311	Medical assist, assist EMS crew	58,369
611	Dispatched & canceled en route	10,710
320	Emergency medical service, other	7,464
300	Rescue, emergency medical call (EMS) call, other	6,300

## Top 5 Property Use (Confirmed or Suspected Incidents)

Property Use Code	Property Use Description	Grand Total
419	1 or 2 family dwelling	196,398
429	Multifamily dwellings	65,250
311	24-hour care Nursing homes, 4 or more persons	47,758
400	Residential, other	13,435
449	Hotel/motel, commercial	5,848

## Total Fire Service Personnel Responded (Confirmed or Suspected Incidents)

Total Number of Fire Service Personnel	1,475,613
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# Parameters

\*\*\* Query Name:Incidents \*\*\*

## \*\* Query Properties:

Universe:NFIRS Incidents  
Last Refresh Date:7/22/22 11:24 AM  
Last Execution Duration: 924  
Number of rows: 27,319,187  
Refreshable: ON  
Retrieve Duplicate Rows: ON  
Retrieve Empty Rows: OFF  
Max Retrieval Time (s): /  
Max Rows Retrieved: /  
Query Stripping: OFF

Result Objects: State, Fire Department ID, Fire Department Name, Incident Date, Incident Date - Month of Year, Incident Year, Incident Number, Exposure, Incident Release Status, Incident Valid Status, Incident Type Code, Incident Type Code (National), Incident Type Code (Group), Incident Type Code (Category), Incident Type Description, Aid Given or Received Code, Aid Given or Received Code (National), Aid Given or Received Description, Property Use Code (National), Property Use Code (Group), Property Use Code (Category), Property Use Description, Number of Suppression Personnel, Number of EMS Personnel, Number of Other Personnel, Number of Total Personnel, Special Study ID 1, Special Study Name 1, Special Study Code 1, Special Study ID 2, Special  
Parameter Prompts Summary

Enter value(s) for NFIRS Group: (Optional)  
Enter value(s) for State: 50 US States;AS;DC;GU;NA;PR  
Enter From Date: 01/01/2020  
Enter To Date: 12/31/2020  
Enter value(s) for Incident Valid Status: Valid  
Enter value(s) for NFIRS Version: 4.1;5.0  
Enter value(s) for Incident Release Status: Released;Unreleased  
Enter value(s) for Fire Department ID: All Fire Departments  
Enter value(s) for Fire Department Active Status: Active;Inactive

## USFA NFIRS DATA DISCLAIMER:

Caution: NFIRS is not a repository of all fires or incidents that occur in the United States. NFIRS is a voluntary system, and it includes only those fire and other incidents reported to the system by fire departments that participate in NFIRS. Additionally, not all States participate in NFIRS each year, and not all fire departments that report to NFIRS within a State necessarily report all of their fire incidents. Also, some fire departments that report fire incidents do not report associated casualties or estimated dollar losses. States and/or fire departments that report in one particular year may not report to NFIRS the following year. Thus, NFIRS is not representative of all fires and other types of incidents that occur in the United States and is not a census of fire incidents or casualties.