

NFIRS COVID-19 Special Study Summary Report

Report Period: 1/1/21 to 12/31/21

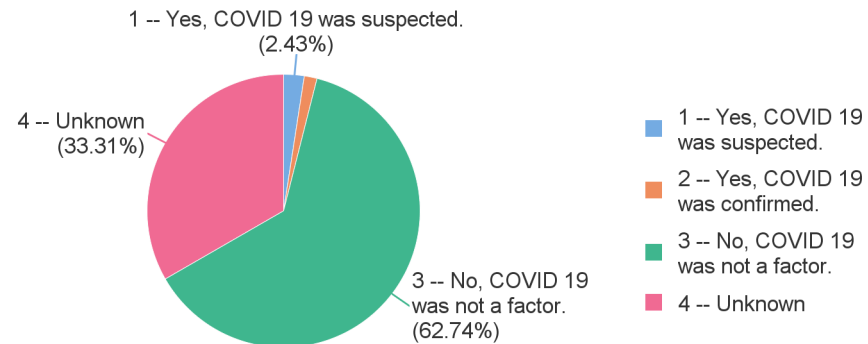
NFIRS COVID-19 Special Study Summary By Incident Type Category

Incident Type Category	Total Incidents with COVID-19 Special Study	Percent of Special Study Incidents
Fires (100-173)	468,968	4.32%
Overpressure Rupture, Explosion, Overheat Calls (200-251)	14,395	0.13%
Rescue and EMS Calls (300-381)	7,042,772	64.85%
Hazardous Condition Calls (400-482)	350,391	3.23%
Service Calls (500-571)	864,978	7.96%
Good Intent Calls (600-672)	1,228,716	11.31%
False Alarm and False Calls (700-751)	834,195	7.68%
Severe Weather and Natural Disaster Calls (800-815)	22,022	0.20%
Special Incident Type Calls (900-911)	34,358	0.32%
Blank Incident Type	0	0.00%
Grand Total	10,860,795	100.00%

NFIRS COVID-19 Special Study Summary - Frequency

COVID-19 Special Study Code	Total Incidents	Percent
1 -- Yes, COVID 19 was suspected.	264,221	2.43%
2 -- Yes, COVID 19 was confirmed.	164,044	1.51%
3 -- No, COVID 19 was not a factor.	6,814,277	62.74%
4 -- Unknown	3,618,253	33.31%
Grand Total	10,860,795	100.00%

NFIRS COVID-19 Special Study Summary



NFIRS COVID-19 Special Study Participation

Participating States	50
Participating Fire Departments	10,731

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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.	41,081	25,708	21,256	19,309	15,041	11,687	14,267	29,239	26,424	19,485	16,910	23,814	264,221
2 -- Yes, COVID 19 was confirmed.	29,520	10,723	6,488	8,246	5,319	2,685	7,340	27,453	22,361	12,566	12,293	19,050	164,044
3 -- No, COVID 19 was not a factor.	485,320	505,308	551,250	562,604	591,936	616,771	646,138	613,917	566,510	582,229	534,125	558,169	6,814,277
4 -- Unknown	299,607	284,408	295,223	299,707	299,859	288,745	300,380	328,380	311,120	318,490	286,381	305,953	3,618,253
Grand Total	855,528	826,147	874,217	889,866	912,155	919,888	968,125	998,989	926,415	932,770	849,709	906,986	10,860,795

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)	1,808	484	375,999	90,677	468,968
Overpressure Rupture, Explosion, Overheat Calls (200-251)	113	28	10,967	3,287	14,395
Rescue and EMS Calls (300-381)	235,258	152,827	4,028,817	2,625,870	7,042,772
Hazardous Condition Calls (400-482)	2,312	592	276,935	70,552	350,391
Service Calls (500-571)	8,551	3,710	619,946	232,771	864,978
Good Intent Calls (600-672)	10,276	5,165	817,331	395,944	1,228,716
False Alarm and False Calls (700-751)	5,646	1,018	639,437	188,094	834,195
Severe Weather and Natural Disaster Calls (800-815)	33	14	18,972	3,003	22,022
Special Incident Type Calls (900-911)	224	206	25,873	8,055	34,358
Grand Total	264,221	164,044	6,814,277	3,618,253	10,860,795

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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	299,181
311	Medical assist, assist EMS crew	65,625
611	Dispatched & canceled en route	9,917
320	Emergency medical service, other	7,956
300	Rescue, emergency medical call (EMS) call, other	7,057

Top 5 Property Use (Confirmed or Suspected Incidents)

Property Use Code	Property Use Description	Grand Total
419	1 or 2 family dwelling	228,153
429	Multifamily dwellings	64,554
311	24-hour care Nursing homes, 4 or more persons	27,625
400	Residential, other	14,612
340	Clinics, Doctors offices, hemodialysis centers	6,558

Total Fire Service Personnel Responded (Confirmed or Suspected Incidents)

Total Number of Fire Service Personnel	1,494,343
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Parameters

*** Query Name:Incidents ***

** Query Properties:

Universe:NFIRS Incidents
Last Refresh Date:10/26/22 11:25 AM
Last Execution Duration: 1,376
Number of rows: 29,194,757
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: 01/01/2021
Enter To Date: 12/31/2021
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.