

NFIRS COVID-19 Special Study Summary Report

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

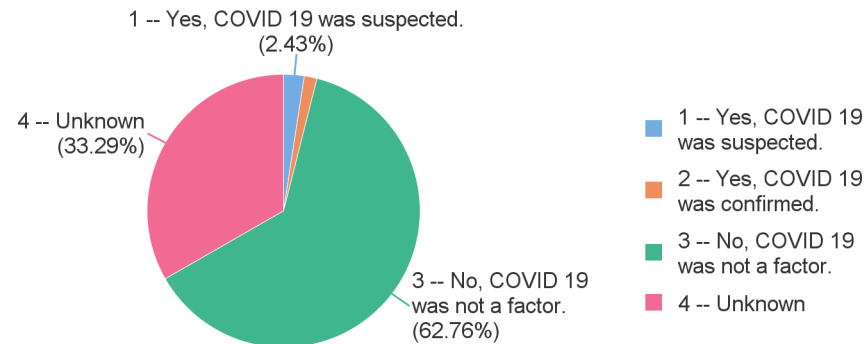
NFIRS COVID-19 Special Study Summary By Incident Type Category

Incident Type Category	Total Incidents with COVID-19 Special Study	Percent of Special Study Incidents
Fires (100-173)	471,956	4.32%
Overpressure Rupture, Explosion, Overheat Calls (200-251)	14,463	0.13%
Rescue and EMS Calls (300-381)	7,077,526	64.84%
Hazardous Condition Calls (400-482)	352,011	3.23%
Service Calls (500-571)	869,223	7.96%
Good Intent Calls (600-672)	1,234,780	11.31%
False Alarm and False Calls (700-751)	837,926	7.68%
Severe Weather and Natural Disaster Calls (800-815)	22,148	0.20%
Special Incident Type Calls (900-911)	34,575	0.32%
Blank Incident Type	0	0.00%
Grand Total	10,914,608	100.00%

NFIRS COVID-19 Special Study Summary - Frequency

COVID-19 Special Study Code	Total Incidents	Percent
1 -- Yes, COVID 19 was suspected.	265,392	2.43%
2 -- Yes, COVID 19 was confirmed.	164,845	1.51%
3 -- No, COVID 19 was not a factor.	6,850,450	62.76%
4 -- Unknown	3,633,921	33.29%
Grand Total	10,914,608	100.00%

NFIRS COVID-19 Special Study Summary



NFIRS COVID-19 Special Study Participation

Participating States	50
Participating Fire Departments	10,782

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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.	41,129	25,738	21,266	19,335	15,057	11,704	14,307	29,341	26,780	19,739	16,980	24,016	265,392
2 -- Yes, COVID 19 was confirmed.	29,563	10,741	6,496	8,261	5,332	2,698	7,381	27,565	22,553	12,688	12,355	19,212	164,845
3 -- No, COVID 19 was not a factor.	485,938	506,199	551,984	563,712	593,402	618,150	648,238	615,966	571,082	589,732	539,598	566,449	6,850,450
4 -- Unknown	299,968	285,028	295,674	300,212	300,486	289,228	300,937	329,171	314,667	322,124	288,194	308,232	3,633,921
Grand Total	856,598	827,706	875,420	891,520	914,277	921,780	970,863	#####	935,082	944,283	857,127	917,909	10,914,608

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)	1,824	487	378,453	91,192	471,956
Overpressure Rupture, Explosion, Overheat Calls (200-251)	113	28	11,013	3,309	14,463
Rescue and EMS Calls (300-381)	236,306	153,560	4,050,742	2,636,918	7,077,526
Hazardous Condition Calls (400-482)	2,318	594	278,199	70,900	352,011
Service Calls (500-571)	8,588	3,732	622,949	233,954	869,223
Good Intent Calls (600-672)	10,318	5,200	821,547	397,715	1,234,780
False Alarm and False Calls (700-751)	5,667	1,025	642,419	188,815	837,926
Severe Weather and Natural Disaster Calls (800-815)	33	14	19,080	3,021	22,148
Special Incident Type Calls (900-911)	225	205	26,048	8,097	34,575
Grand Total	265,392	164,845	6,850,450	3,633,921	10,914,608

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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	300,459
311	Medical assist, assist EMS crew	65,981
611	Dispatched & canceled en route	9,970
320	Emergency medical service, other	7,986
300	Rescue, emergency medical call (EMS) call, other	7,125

Top 5 Property Use (Confirmed or Suspected Incidents)

Property Use Code	Property Use Description	Grand Total
419	1 or 2 family dwelling	229,143
429	Multifamily dwellings	64,858
311	24-hour care Nursing homes, 4 or more persons	27,740
400	Residential, other	14,727
340	Clinics, Doctors offices, hemodialysis centers	6,612

Total Fire Service Personnel Responded (Confirmed or Suspected Incidents)

Total Number of Fire Service Personnel	1,502,324
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Parameters

*** Query Name:Incidents ***

** Query Properties:

Universe:NFIRS Incidents
Last Refresh Date:1/10/23 4:24 PM
Last Execution Duration: 1,249
Number of rows: 29,545,185
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.