

NFIRS COVID-19 Special Study Summary Report

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

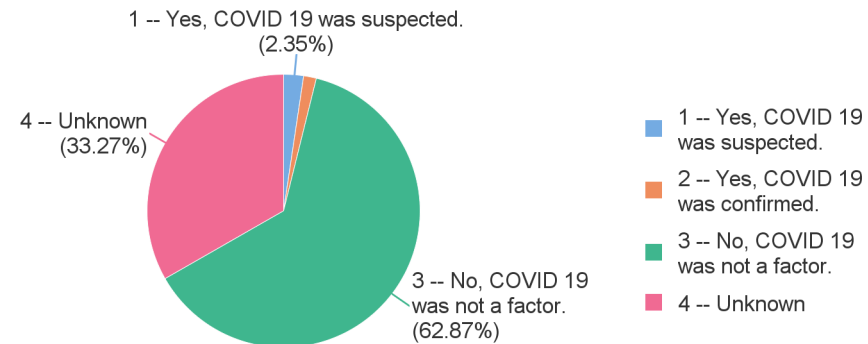
NFIRS COVID-19 Special Study Summary By Incident Type Category

Incident Type Category	Total Incidents with COVID-19 Special Study	Percent of Special Study Incidents
Fires (100-173)	448,422	4.31%
Overpressure Rupture, Explosion, Overheat Calls (200-251)	13,864	0.13%
Rescue and EMS Calls (300-381)	6,758,633	64.90%
Hazardous Condition Calls (400-482)	335,459	3.22%
Service Calls (500-571)	831,393	7.98%
Good Intent Calls (600-672)	1,175,998	11.29%
False Alarm and False Calls (700-751)	796,715	7.65%
Severe Weather and Natural Disaster Calls (800-815)	21,100	0.20%
Special Incident Type Calls (900-911)	33,125	0.32%
Blank Incident Type	0	0.00%
Grand Total	10,414,709	100.00%

NFIRS COVID-19 Special Study Summary - Frequency

COVID-19 Special Study Code	Total Incidents	Percent
1 -- Yes, COVID 19 was suspected.	245,220	2.35%
2 -- Yes, COVID 19 was confirmed.	157,042	1.51%
3 -- No, COVID 19 was not a factor.	6,547,662	62.87%
4 -- Unknown	3,464,785	33.27%
Grand Total	10,414,709	100.00%

NFIRS COVID-19 Special Study Summary



NFIRS COVID-19 Special Study Participation

Participating States	50
Participating Fire Departments	10,339

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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.	40,497	25,403	19,812	17,909	13,705	10,482	12,780	27,162	24,249	17,339	15,076	20,806	245,220
2 -- Yes, COVID 19 was confirmed.	28,891	10,506	6,347	8,076	5,235	2,613	7,010	26,235	21,292	11,901	11,735	17,201	157,042
3 -- No, COVID 19 was not a factor.	475,872	495,529	538,518	545,131	577,198	601,627	622,552	585,498	536,621	543,493	503,949	521,674	6,547,662
4 -- Unknown	292,929	278,274	287,122	290,129	292,890	281,411	288,535	311,403	293,143	296,807	268,917	283,225	3,464,785
Grand Total	838,189	809,712	851,799	861,245	889,028	896,133	930,877	950,298	875,305	869,540	799,677	842,906	10,414,709

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)	1,544	450	360,048	86,380	448,422
Overpressure Rupture, Explosion, Overheat Calls (200-251)	103	26	10,562	3,173	13,864
Rescue and EMS Calls (300-381)	219,434	146,300	3,877,084	2,515,815	6,758,633
Hazardous Condition Calls (400-482)	2,052	566	265,635	67,206	335,459
Service Calls (500-571)	7,664	3,566	596,538	223,625	831,393
Good Intent Calls (600-672)	9,758	4,948	782,690	378,602	1,175,998
False Alarm and False Calls (700-751)	4,420	980	611,988	179,327	796,715
Severe Weather and Natural Disaster Calls (800-815)	30	13	18,212	2,845	21,100
Special Incident Type Calls (900-911)	215	193	24,905	7,812	33,125
Grand Total	245,220	157,042	6,547,662	3,464,785	10,414,709

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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	283,265
311	Medical assist, assist EMS crew	61,771
611	Dispatched & canceled en route	9,547
320	Emergency medical service, other	7,580
300	Rescue, emergency medical call (EMS) call, other	5,823

Top 5 Property Use (Confirmed or Suspected Incidents)

Property Use Code	Property Use Description	Grand Total
419	1 or 2 family dwelling	216,506
429	Multifamily dwellings	58,570
311	24-hour care Nursing homes, 4 or more persons	26,803
400	Residential, other	13,945
340	Clinics, Doctors offices, hemodialysis centers	6,197

Total Fire Service Personnel Responded (Confirmed or Suspected Incidents)

Total Number of Fire Service Personnel	1,400,450
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Parameters

*** Query Name:Incidents ***

** Query Properties:

Universe:NFIRS Incidents
Last Refresh Date:7/22/22 11:25 AM
Last Execution Duration: 1,028
Number of rows: 27,598,886
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.