NFIRS COVID-19 Special Study Summary Report

Report Period: 1/1/20 to 12/31/20
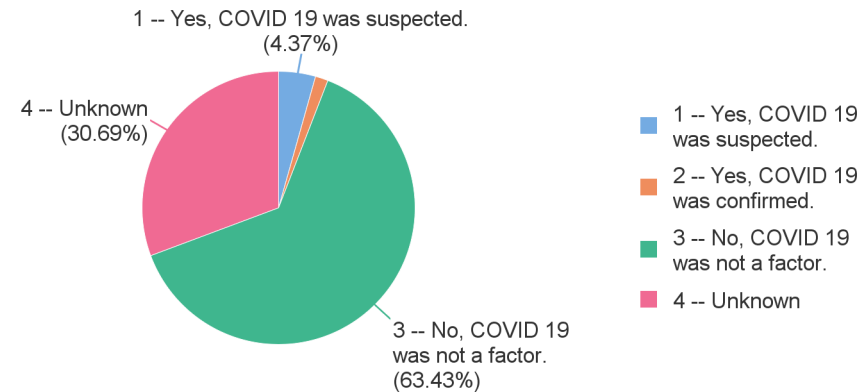
NFIRS COVID-19 Special Study Summary By Incident Type Category

Incident Type Category	Total Incidents with COVID-19 Special Study	Percent of Special Study Incidents
Fires (100-173)	315,296	4.48%
Overpressure Rupture, Explosion, Overheat Calls (200-251)	9,888	0.14%
Rescue and EMS Calls (300-381)	4,467,732	63.47%
Hazardous Condition Calls (400-482)	254,585	3.62%
Service Calls (500-571)	566,125	8.04%
Good Intent Calls (600-672)	838,243	11.91%
False Alarm and False Calls (700-751)	542,105	7.70%
Severe Weather and Natural Disaster Calls (800-815)	19,991	0.28%
Special Incident Type Calls (900-911)	24,627	0.35%
Blank Incident Type	0	0.00%
Grand Total	**7,038,592**	**100.00%**

NFIRS COVID-19 Special Study Summary - Frequency

COVID-19 Special Study Code	Total Incidents	Percent
1 -- Yes, COVID 19 was suspected.	307,563	4.37%
2 -- Yes, COVID 19 was confirmed.	106,379	1.51%
3 -- No, COVID 19 was not a factor.	4,464,285	63.43%
4 -- Unknown	2,160,365	30.69%
Grand Total	**7,038,592**	**100.00%**

NFIRS COVID-19 Special Study Summary

NFIRS COVID-19 Special Study Participation

Participating States	50
Participating Fire Departments	10,027

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	10,397	43,604	34,890	27,058	35,515	28,969	22,495	26,130	35,022	43,050	307,563
2 -- Yes, COVID 19 was confirmed.	9	14	1,080	6,540	6,336	5,735	10,426	8,206	5,574	9,629	21,727	31,103	106,379
3 -- No, COVID 19 was not a factor.	39,230	42,052	87,293	383,283	469,104	511,302	530,870	528,074	476,680	484,729	455,607	456,061	4,464,285
4 -- Unknown	9,513	11,439	33,171	150,301	195,223	211,908	252,249	254,154	239,785	259,878	262,635	280,109	2,160,365
Grand Total	**48,906**	**53,784**	**131,941**	**583,728**	**705,553**	**756,003**	**829,060**	**819,403**	**744,534**	**780,366**	**774,991**	**810,323**	**7,038,592**

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)	1,197	374	262,576	51,149	**315,296**
Overpressure Rupture, Explosion, Overheat Calls (200-251)	57	25	8,013	1,793	**9,888**
Rescue and EMS Calls (300-381)	279,629	96,990	2,526,845	1,564,268	**4,467,732**
Hazardous Condition Calls (400-482)	2,040	619	210,748	41,178	**254,585**
Service Calls (500-571)	6,885	3,234	419,516	136,490	**566,125**
Good Intent Calls (600-672)	12,869	3,736	565,853	255,785	**838,243**
False Alarm and False Calls (700-751)	4,516	1,269	433,356	102,964	**542,105**
Severe Weather and Natural Disaster Calls (800-815)	31	19	17,979	1,962	**19,991**
Special Incident Type Calls (900-911)	339	113	19,399	4,776	**24,627**
Grand Total	**307,563**	**106,379**	**4,464,285**	**2,160,365**	**7,038,592**

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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	297,065
311	Medical assist, assist EMS crew	58,799
611	Dispatched & canceled en route	10,745
320	Emergency medical service, other	7,483
300	Rescue, emergency medical call (EMS) call, other	6,301

Top 5 Property Use (Confirmed or Suspected Incidents)

Property Use Code	Property Use Description	Grand Total
419	1 or 2 family dwelling	197,045
429	Multifamily dwellings	65,391
311	24-hour care Nursing homes, 4 or more persons	47,882
400	Residential, other	13,561
449	Hotel/motel, commercial	5,867

Total Fire Service Personnel Responded (Confirmed or Suspected Incidents)

Total Number of Fire Service Personnel	1,479,555

Parameters

*** Query Name:Incidents ***

  ** Query Properties:
  Universe:NFIRS Incidents
   Last Refresh Date:1/10/23 4:22 PM
  Last Execution Duration: 1,108
  Number of rows: 27,386,772
  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.