NFIRS COVID-19 Special Study Summary Report

Report Period: 1/1/22 to 12/31/22
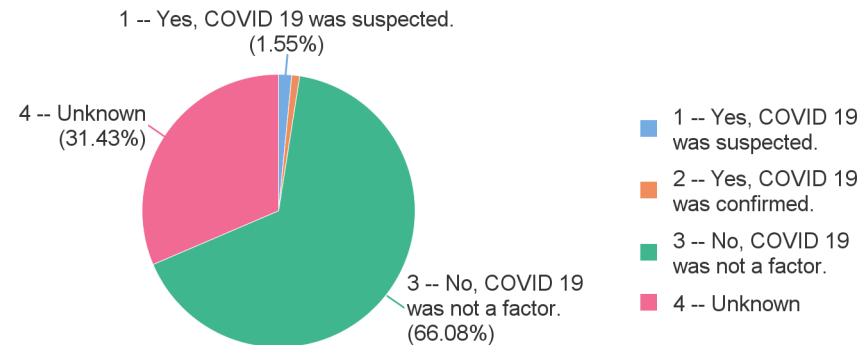
NFIRS COVID-19 Special Study Summary By Incident Type Category

Incident Type Category	Total Incidents with COVID-19 Special Study	Percent of Special Study Incidents
Fires (100-173)	391,607	4.87%
Overpressure Rupture, Explosion, Overheat Calls (200-251)	11,150	0.14%
Rescue and EMS Calls (300-381)	5,146,994	64.03%
Hazardous Condition Calls (400-482)	264,714	3.29%
Service Calls (500-571)	641,613	7.98%
Good Intent Calls (600-672)	914,542	11.38%
False Alarm and False Calls (700-751)	626,682	7.80%
Severe Weather and Natural Disaster Calls (800-815)	16,175	0.20%
Special Incident Type Calls (900-911)	24,574	0.31%
Blank Incident Type	0	0.00%
Grand Total	**8,038,051**	**100.00%**

NFIRS COVID-19 Special Study Summary - Frequency

COVID-19 Special Study Code	Total Incidents	Percent
1 -- Yes, COVID 19 was suspected.	124,267	1.55%
2 -- Yes, COVID 19 was confirmed.	75,829	0.94%
3 -- No, COVID 19 was not a factor.	5,311,697	66.08%
4 -- Unknown	2,526,258	31.43%
Grand Total	**8,038,051**	**100.00%**

NFIRS COVID-19 Special Study Summary

NFIRS COVID-19 Special Study Participation

Participating States	48

Participating Fire Departments	9,141

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.	37,044	14,933	9,426	7,145	8,799	9,277	9,841	8,179	6,716	5,057	4,877	2,973	124,267
2 -- Yes, COVID 19 was confirmed.	30,292	7,887	1,711	1,625	4,548	5,518	7,398	5,926	3,783	2,840	2,554	1,747	75,829
3 -- No, COVID 19 was not a factor.	522,510	472,509	523,798	487,334	524,700	514,153	477,042	446,218	423,367	399,813	339,749	180,504	5,311,697
4 -- Unknown	297,417	251,163	259,115	225,837	247,050	236,957	210,954	209,188	189,214	168,737	144,617	86,009	2,526,258
Grand Total	**887,263**	**746,492**	**794,050**	**721,941**	**785,097**	**765,905**	**705,235**	**669,511**	**623,080**	**576,447**	**491,797**	**271,233**	**8,038,051**

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)	910	309	318,767	71,621	**391,607**
Overpressure Rupture, Explosion, Overheat Calls (200-251)	92	13	8,590	2,455	**11,150**
Rescue and EMS Calls (300-381)	110,649	69,803	3,142,262	1,824,280	**5,146,994**
Hazardous Condition Calls (400-482)	1,061	329	212,441	50,883	**264,714**
Service Calls (500-571)	4,911	2,227	474,290	160,185	**641,613**
Good Intent Calls (600-672)	4,134	2,063	632,546	275,799	**914,542**
False Alarm and False Calls (700-751)	2,374	616	489,935	133,757	**626,682**
Severe Weather and Natural Disaster Calls (800-815)	15	9	14,040	2,111	**16,175**
Special Incident Type Calls (900-911)	121	460	18,826	5,167	**24,574**
Grand Total	**124,267**	**75,829**	**5,311,697**	**2,526,258**	**8,038,051**

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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	144,923
311	Medical assist, assist EMS crew	26,220
611	Dispatched & canceled en route	4,212
554	Assist invalid	3,239
320	Emergency medical service, other	3,181

Top 5 Property Use (Confirmed or Suspected Incidents)

Property Use Code	Property Use Description	Grand Total
419	1 or 2 family dwelling	104,732
429	Multifamily dwellings	26,542
311	24-hour care Nursing homes, 4 or more persons	16,556
400	Residential, other	7,951
340	Clinics, Doctors offices, hemodialysis centers	2,822

Total Fire Service Personnel Responded (Confirmed or Suspected Incidents)

Total Number of Fire Service Personnel	699,752

Parameters

*** Query Name:Incidents ***

  ** Query Properties:
  Universe:NFIRS Incidents
   Last Refresh Date:1/10/23 4:25 PM
  Last Execution Duration: 624
   Number of rows: 20,568,573
  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: 01/01/2022
  Enter To Date: 12/31/2022
  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