

### Incidents By Time And Day

	<u>SUN</u>	<u>MON</u>	<u>TUE</u>	<u>WED</u>	<u>THR</u>	<u>FRI</u>	<u>SAT</u>	<u>TOTALS</u>
1 AM	13	7	5	6	7	15	12	65
2 AM	9	9	9	7	8	9	10	61
3 AM	10	3	5	4	11	13	11	57
4 AM	9	9	8	5	9	3	12	55
5 AM	5	9	15	16	5	6	12	68
6 AM	13	15	10	11	11	14	10	84
7 AM	20	25	23	18	21	17	17	141
8 AM	21	39	30	34	35	35	29	223
9 AM	28	33	37	32	40	49	34	253
10 AM	35	42	56	50	42	49	39	313
11 AM	34	40	38	33	39	41	37	262
12 PM	37	30	40	33	42	41	37	260
1 PM	37	38	32	34	35	45	36	257
2 PM	25	38	43	37	45	48	34	270
3 PM	24	44	39	32	35	32	29	235
4 PM	22	48	27	48	27	28	28	228
5 PM	28	29	36	32	36	41	28	230
6 PM	19	30	23	26	37	26	26	187
7 PM	23	25	17	26	24	29	23	167
8 PM	22	25	21	31	24	24	27	174
9 PM	24	21	26	15	17	20	17	140
10 PM	22	16	11	11	13	19	13	105
11 PM	11	9	17	13	10	24	12	96
12 AM	11	19	4	12	7	18	11	82
<b>TOTALS</b>	<u>502</u>	<u>603</u>	<u>572</u>	<u>566</u>	<u>580</u>	<u>646</u>	<u>544</u>	<u>4013</u>
<b>GRAND TOTAL:</b>	<b>4013</b>							

### NFPA Part II: Major Fires

Fires With More Than 3 Deaths, and Fires With A Loss Of Over \$1 Million  
 Or The 3 Highest in Each Category

<u>Date,Number</u>	<u>Occupant Or Owner Name And Address,Property Use</u>	<u>Deaths</u>	<u>Dollar Loss</u>
04/21/2016 16-1123-IN	1 or 2 family dwelling	0	150000
02/15/2016 16-473-IN	STOP & SHOP65 ROUTE 6A Food and beverage sales, grocery store	0	125000
01/11/2016 16-110-IN	16 TEABERRY LN 1 or 2 family dwelling	0	102500

### NFPA Part III: Fire And Incident Type Breakdown

<u>A: Structure Fires By Fixed Property Use</u>	<u>Number</u>	<u>Deaths</u>	<u>Injury</u>	<u>Dollar Loss</u>
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1. Private Dwellings (1 or 2 Family)	19	0	0	363200
2. Apartments (3 or More Families)	1	0	0	0
3. Hotels and Motels	2	0	0	1050
4. All Other Residential	5	0	0	400
<b>5. TOTAL RESIDENTIAL FIRES</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>364650</b>
6. Public Assembly	2	0	0	3000
7. Schools and Colleges	0	0	0	0
8. Health Care and Penal Institutions	0	0	0	0
9. Stores and Offices	3	0	0	500
10. Industry, Utility, Defense, Laboratories	1	0	0	0
11. Storage in Structures	1	0	0	10000
12. Other Structures	0	0	0	0
<b>13. TOTAL STRUCTURE FIRES</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>378150</b>
<b><u>B: Other Fires And Incidents</u></b>				
14a. Fires in Highway Vehicles	5	0	0	11700
14b. Fires in Other Vehicles	2	0	0	3500
15. Fires Outside of Structures With Value Involved	14	0	0	0
16. Fires Outside of Structures With No Value Involved	14	0	0	200
17. Fires in Rubbish	2	0	0	0
18. All Other Fires	5	0	0	1200
<b>19. TOTALS FOR ALL FIRES</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>394750</b>
20. Rescue, Emergency Medical Responses	2787	0	0	0
21. False Alarm Responses	368	0	0	0
22. Mutual Aid	62	0	0	0
23a. Hazmat Responses	48	0	0	0
23b. Other Hazardous Conditions	98	0	0	2500
24. All Other Responses	574	0	0	405500
<b>25. TOTAL FOR ALL INCIDENTS</b>	<b>4013</b>	<b>0</b>	<b>0</b>	<b>802750</b>

### NFPA Part IV: False Alarm Responses

<u>Type Of Call</u>	<u>Number</u>
1. Malicious, Mischievous Fall Call	1
2. System Malfunction	198
3. Unintentional	165
4. Other False Alarms	7

### NFPA Part V: Intentionally Set Fires

<u>Type Of Fire</u>	<u>Number</u>	<u>Deaths</u>	<u>Injury</u>	<u>Dollar Loss</u>
1. Structure Fires Intentionally Set	1	0	0	10000
2. Vehicle Fires Intentionally Set	0	0	0	0

### NFPA Part VI: Fire Fighter Injuries

Total Number of Fire Fighters Exposed to Infectious Diseases: 0  
 Total Number of Fire Fighters Exposed to Hazardous Conditions: 0  
 Total Number of Fire Fighters With Non-Fatal Injuries (Not Exposures): 1

#### Fire Fighters With Non-Fatal Injuries (Not Exposures) By Duty And Injury

<u>Nature Of Injury</u>	<u>Resp./Ret.</u>	<u>At Fire</u>	<u>At Non-Fire</u>	<u>Training</u>	<u>Other Duty</u>
1. Burns	0	0	0	0	0

2a. Smoke or Gas Inhalation	0	0	0	0	0
2b. Other Respiratory Distress	0	0	0	0	0
3. Burns and Smoke Inhalation	0	0	0	0	0
4. Wound, Cut Bleeding, Bruise	0	0	0	0	0
5. Dislocation, Fracture	0	0	0	0	0
6. Heart Attack or Stroke	0	0	0	0	0
7. Strain, Sprain, Muscular Pain	0	0	0	0	0
8. Thermal Stress	0	0	0	0	0
9. Other	0	1	0	0	0
<b>10. TOTAL</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Fire Fighters With Non-Fatal Injuries (Not Exposures) Causes At Fireground**

Exposure to Fire Products: 0  
 Exposure to Chemicals or Radiation: 0  
     Fall, Jump, Slip, Trip: 0  
     Overexertion, Strain: 1  
     Contact with Object: 0  
         Struck by: 0  
     Extreme Weather: 0  
     Other: 0

Total Number of Injuries Resulted In Lost Time: 0  
 Total Number of Shifts Lost as a Result of These Injuries: 0

**Fire Department Vehicle Accidents**

Accidents Involving Emergency Vehicles: 0  
     Resulting Firefighter Injuries: 0  
  
 Accidents Involving Personal Vehicles: 0  
     Resulting Firefighter Injuries: 0

**Incident Statistics**

**General Statistics**

Total Incidents: 4013  
  
 Total Civilian Injuries: 0  
     Total Civilian Deaths: 0  
 Total Fire Service Injuries: 1  
     Total Fire Service Deaths: 0  
  
 Total Incidents With A Dollar Loss: 38  
     Average Dollar Loss: 21125  
  
 Average Suppression Apparatus Responding: 0  
 Average Suppression Personnel Responding: 1  
     Average EMS Apparatus Responding: 1  
     Average EMS Personnel Responding: 2  
     Average Other Apparatus Responding: 0  
     Average Other Personnel Responding: 0

**Alarm Breakdown**

<u>Alarm Level</u>	<u>Occurrences</u>	<u>Percentage</u>
1	7	0.2
2	1	0.0
3	0	0.0

4	0	0.0
5	0	0.0
6	0	0.0
7	0	0.0
8	0	0.0
9	0	0.0
10	0	0.0
Over 10	0	0.0
Unspecified	2	0.0
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

**Exposure Fire Occurrence**

<u>Number Of Exposure Fires</u>	<u>Occurrences</u>	<u>Percentage</u>
1 Exposure Fires	0	0.0
2 Exposure Fires	0	0.0
3 Exposure Fires	0	0.0
4 Exposure Fires	0	0.0
5 Exposure Fires	0	0.0
Over 5 Exposure Fires	0	0.0
<b>Total Exposure Fires</b>	<b>0</b>	<b>0.0</b>

**\$ Loss by Fire District/Incident Type**

<u>Fire District</u>	<u>Incident Type</u>	<u>\$ Loss</u>
District 1	Building fire	\$185,500
District 1	Cooking fire, confined to container	\$350
District 1	Passenger vehicle fire	\$3,000
District 1	Road freight or transport vehicle fire	\$2,000
District 1	Water or steam leak	\$205,000
District 1	Smoke scare, odor of smoke	\$500
<b>District 1 Total Dollar Loss: \$396,350</b>		
District 2	Building fire	\$21,000
District 2	Cooking fire, confined to container	\$100
District 2	Passenger vehicle fire	\$5,100
District 2	Overheated motor	\$1,000
District 2	Arcing, shorted electrical equipment	\$1,500
District 2	Water or steam leak	\$190,000
<b>District 2 Total Dollar Loss: \$218,700</b>		
District 3	Building fire	\$166,500
District 3	Cooking fire, confined to container	\$600
District 3	Mobile property (vehicle) fire, other	\$3,500
District 3	Grass fire	\$100
<b>District 3 Total Dollar Loss: \$170,700</b>		
District 3W	Cooking fire, confined to container	\$4,100
District 3W	Passenger vehicle fire	\$1,600
District 3W	Special outside fire, other	\$1,200
<b>District 3W Total Dollar Loss: \$6,900</b>		
District 4	Water or steam leak	\$10,000
<b>District 4 Total Dollar Loss: \$10,000</b>		
OLD Data	Brush or brush-and-grass mixture fire	\$100
<b>OLD Data Total Dollar Loss: \$100</b>		
<b>Grand Total Dollar Loss: \$802,750</b>		

## \$ Loss by Incident Type/Fire District

<u>Incident Type</u>	<u>Fire District</u>	<u>\$ Loss</u>
Building fire	District 1	\$185,500
Building fire	District 2	\$21,000
	District 3	\$166,500
<b>Building fire Total Dollar Loss: \$373,000</b>		
Cooking fire, confined to container	District 1	\$350
Cooking fire, confined to container	District 2	\$100
Cooking fire, confined to container	District 3	\$600
	District 3W	\$4,100
<b>Cooking fire, confined to container Total Dollar Loss: \$5,150</b>		
Mobile property (vehicle) fire, other	District 3	\$3,500
<b>Mobile property (vehicle) fire, other Total Dollar Loss: \$3,500</b>		
Passenger vehicle fire	District 1	\$3,000
Passenger vehicle fire	District 2	\$5,100
	District 3W	\$1,600
<b>Passenger vehicle fire Total Dollar Loss: \$9,700</b>		
Road freight or transport vehicle fire	District 1	\$2,000
<b>Road freight or transport vehicle fire Total Dollar Loss: \$2,000</b>		
Brush or brush-and-grass mixture fire	OLD Data	\$100
<b>Brush or brush-and-grass mixture fire Total Dollar Loss: \$100</b>		
Grass fire	District 3	\$100
<b>Grass fire Total Dollar Loss: \$100</b>		
Special outside fire, other	District 3W	\$1,200
<b>Special outside fire, other Total Dollar Loss: \$1,200</b>		
Overheated motor	District 2	\$1,000
<b>Overheated motor Total Dollar Loss: \$1,000</b>		
Arcing, shorted electrical equipment	District 2	\$1,500
<b>Arcing, shorted electrical equipment Total Dollar Loss: \$1,500</b>		
Water or steam leak	District 1	\$205,000
Water or steam leak	District 2	\$190,000
	District 4	\$10,000
<b>Water or steam leak Total Dollar Loss: \$405,000</b>		
Smoke scare, odor of smoke	District 1	\$500
<b>Smoke scare, odor of smoke Total Dollar Loss: \$500</b>		
<b>Grand Total Dollar Loss: \$802,750</b>		

## Incident Type Category Breakdown

<u>Incident Type Category</u>	<u>Occurrences</u>	<u>Percentage</u>
[100-199] Fire/Explosion	79	2.0
[200-299] Overpressure Rupture	2	0.0
[300-399] Rescue Call	2828	70.5
[400-499] Hazardous Condition	148	3.7
[500-599] Service Call	329	8.2
[600-699] Good Intent Call	204	5.1
[700-799] False Call	371	9.2
[800-899] Severe Weather/Natural Disaster	3	0.1
[900-999] Special Type/Complaint	49	1.2
Undetermined	0	0.0
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Fixed Property Type Category Breakdown

<u>Fixed Property Type Category</u>	<u>Occurrences</u>	<u>Percentage</u>
[100-199] Public Assembly Properties	120	3.0
[200-299] Educational Properties	57	1.4
[300-399] Institutional Properties	620	15.4
[400-499] Residential Properties	2358	58.8
[500-599] Mercantile Properties	170	4.2
[600-699] Utilities/Technology/Farming/Mining	39	1.0
[700-799] Manufacturing Properties	1	0.0
[800-899] Storage Properties	71	1.8
[900-999] Special Properties	504	12.6
None	64	1.6
Undetermined	9	0.2
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Fire District Breakdown

<u>Fire District</u>	<u>Occurrences</u>	<u>Percentage</u>
District 1	1517	37.8
District 2	670	16.7
District 3	1111	27.7
District 3W	155	3.9
District 4	393	9.8
District 5	44	1.1
Mutual Aid	84	2.1
OLD Data	39	1.0
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Personnel Breakdown

<u>Name</u>	<u>Pers.</u>	<u>Form</u>	<u>Time</u>	<u>Sheet</u>	<u>Reporting</u>	<u>Approving</u>
Unknown	0		0		0	0
EMS Officer Brian E Leary	0		0		6	5
Firefighter EMT-P CHRISTOPHER GEORGE	0		0		8	0
Firefighter EMT David G Ames	0		0		37	13
Firefighter EMT Daniel J Brun	0		0		86	76
Fire Prevention Offi Donald Campbell	0		0		37	32
Firefighter EMT David R Desley	0		0		1	0
Lieutenant Daniel M Keane	0		0		298	290

Firefighter EMT Drew P Lahteine	0	0	12	2
Firefighter EMT JEREMY R CADRIN	0	0	1	0
Firefighter EMT-P Joshua Glaser	0	0	5	0
Firefighter EMT-P Jason Hallett	0	0	1	0
Firefighter EMT-P Jonathan Houde	0	0	70	66
Captain James B Huska	0	0	598	683
Deputy Chief JOHN J BURKE	0	0	120	216
Firefighter EMT-P John J LeVangie	0	0	5	0
Firefighter EMT-P Joseph Maciel	0	0	10	1
Firefighter EMT-P Karen Macedo	0	0	19	9
Firefighter EMT-P Kenneth J Sullivan	0	0	14	0
Firefighter EMT-P LAWRENCE R MACHADO JR	0	0	25	28
Firefighter EMT-P Martin W Baumhoff	0	0	13	0
Firefighter EMT-P Michael Goodwin	0	0	3	1
Firefighter EMT Michael V Harrington	0	0	3	0
Firefighter EMT-P Morgan Reed	0	0	2	1
Firefighter EMT-P MATTHEW S THOMPSON	0	0	20	6
Firefighter EMT Nicholas C Souke	0	0	7	0
Firefighter EMT-P Patrick George	0	0	5	2
Lieutenant PETER HALLIDAY	0	0	318	322
Lieutenant Peter M Pozerski	0	0	294	273
Captain Robert R Black III	0	0	508	518
Firefighter EMT ROBERT J GEORGE	0	0	22	1
Firefighter EMT-P ROBERT R BLACK IV	0	0	22	8
Captain Scott F Ames	0	0	478	457
Lieutenant Sean S Butler	0	0	250	264
Firefighter EMT Seth Cannon	0	0	5	0
Firefighter EMT-P SEAN M GILREIN	0	0	5	0
Firefighter EMT-P Sean M Miller	0	0	39	22
Captain Timothy Q McMahan	0	0	587	598
Firefighter EMT-P Tammy L Pimentel	0	0	61	60
Chief William C Carrico II	0	0	18	59
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>4013</b>	<b>4013</b>

## Apparatus Breakdown

<u>Apparatus</u>	<u>Responses</u>	<u>Percentage</u>
Ambulance 456	1082	16.5
Ambulance 457	608	9.3
Ambulance 458	920	14.0
Ambulance 459	765	11.7
Breaker 461	26	0.4
Breaker 463	10	0.2
Barnstable Eng 202	1	0.0
Bourne E- 122	1	0.0
Bourne E - 123	8	0.1
Bourne A-133	12	0.2
Bourne Amb A-135	13	0.2
Bourne A-136	2	0.0
Fire Chief	4	0.1
Bourne C-143	6	0.1
Car 441	76	1.2
Car 442	212	3.2
Car 443	54	0.8
Car 449	140	2.1
Car 455	119	1.8
Car 460	788	12.0
Car 467	110	1.7
Comm E-303	3	0.0
Comm A-326	11	0.2
Cotuit A-262	5	0.1

Engine 451	583	8.9
Engine 452	180	2.7
E452 Reserve	2	0.0
Engine 453	332	5.1
Dodge PU w/skid	157	2.4
Polaris	25	0.4
Ford F350 with skid	115	1.8
Marine 439	5	0.1
Marine 469 Hydro	2	0.0
Marine 469B Avon	2	0.0
Mashpee A-361	3	0.0
Mashpee A-362	5	0.1
Mashpee E-351	2	0.0
Mash L-356	1	0.0
MMR E-410	3	0.0
Tower 450	146	2.2
Tanker 464	11	0.2
WBarn A-293	10	0.2
WBarn E-294	2	0.0
WBarn L-297	1	0.0
WBarn T-296	1	0.0
<b>TOTAL</b>	<b>6564</b>	<b>100.0</b>

### Civilian Injury Age/Sex Breakdown

#### Civilian Breakdown For All [300-399] Rescue Calls

<u>Sex</u>	<u>Unknown</u>	<u>&lt; 10</u>	<u>10 - 19</u>	<u>20 - 29</u>	<u>30 - 39</u>	<u>40 - 49</u>	<u>50 - 59</u>	<u>&gt; 59</u>	<u>Totals</u>
Unknown	0	0	0	0	0	0	0	0	0
Male	0	0	0	0	0	0	0	0	0
Female	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Civilian Breakdown For All Other Type Calls

<u>Sex</u>	<u>Unknown</u>	<u>&lt; 10</u>	<u>10 - 19</u>	<u>20 - 29</u>	<u>30 - 39</u>	<u>40 - 49</u>	<u>50 - 59</u>	<u>&gt; 59</u>	<u>Totals</u>
Unknown	0	0	0	0	0	0	0	0	0
Male	0	0	0	0	0	0	0	0	0
Female	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Civilian Breakdown For All Calls

<u>Sex</u>	<u>Unknown</u>	<u>&lt; 10</u>	<u>10 - 19</u>	<u>20 - 29</u>	<u>30 - 39</u>	<u>40 - 49</u>	<u>50 - 59</u>	<u>&gt; 59</u>	<u>Totals</u>
Unknown	0	0	0	0	0	0	0	0	0
Male	0	0	0	0	0	0	0	0	0
Female	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### Location Type

<u>Location Type</u>	<u>Occurrences</u>	<u>Percentage</u>
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Street Address	3888	96.9
Intersection	112	2.8
In front of	5	0.1
Adjacent to	1	0.0
Directions	7	0.2
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Street Prefix/Suffix

<u>Street Prefix/Suffix</u>	<u>Occurrences</u>	<u>Percentage</u>
Unknown	3120	77.7
Not Reported	893	22.3
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Incident Type

<u>Incident Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Fire, other	2	0.0
Building fire	18	0.4
Cooking fire, confined to container	15	0.4
Chimney or flue fire, confined to chimney or flue	1	0.0
Fuel burner/boiler malfunction, fire confined	3	0.1
Mobile property (vehicle) fire, other	2	0.0
Passenger vehicle fire	4	0.1
Road freight or transport vehicle fire	1	0.0
Natural vegetation fire, other	1	0.0
Forest, woods or wildland fire	12	0.3
Brush or brush-and-grass mixture fire	11	0.3
Grass fire	3	0.1
Outside rubbish, trash or waste fire	2	0.0
Special outside fire, other	3	0.1
Outside equipment fire	1	0.0
Overpressure rupture, explosion, overheat other	1	0.0
Overpressure rupture of steam boiler	1	0.0
Rescue, EMS incident, other	10	0.2
Medical assist, assist EMS crew	117	2.9
Emergency medical service incident, other	23	0.6
EMS call, excluding vehicle accident with injury	2495	62.2
Motor vehicle accident with injuries	66	1.6
Motor vehicle/pedestrian accident (MV Ped)	3	0.1
Motor vehicle accident with no injuries.	86	2.1
Lock-in (if lock out , use 511 )	10	0.2
Search for person on land	3	0.1
Search for person in water	4	0.1
Extrication of victim(s) from building/structure	1	0.0
Removal of victim(s) from stalled elevator	1	0.0
Water & ice-related rescue, other	2	0.0
Swimming/recreational water areas rescue	2	0.0
Watercraft Rescue	4	0.1
Trapped by power lines	1	0.0
Hazardous condition, Other	6	0.1
Combustible/flammable gas/liquid condition, other	2	0.0
Gasoline or other flammable liquid spill	5	0.1
Gas leak (natural gas or LPG)	22	0.5
Oil or other combustible liquid spill	5	0.1
Chemical spill Or leak	1	0.0
Carbon monoxide incident	13	0.3
Electrical wiring/equipment problem, other	33	0.8

Heat from short circuit (wiring), defective/worn	1	0.0
Overheated motor	4	0.1
Breakdown of light ballast	1	0.0
Power line down	31	0.8
Arcing, shorted electrical equipment	18	0.4
Aircraft standby	1	0.0
Vehicle accident, general cleanup	2	0.0
Attempted burning, illegal action, other	1	0.0
Attempt to burn	1	0.0
Threat to burn	1	0.0
Service Call, other	28	0.7
Person in distress, other	1	0.0
Lock-out	51	1.3
Ring or jewelry removal	1	0.0
Water problem, other	2	0.0
Water or steam leak	27	0.7
Smoke or odor removal	6	0.1
Animal problem	1	0.0
Animal rescue	1	0.0
Public service assistance, other	9	0.2
Assist police or other governmental agency	25	0.6
Police matter	2	0.0
Public service	60	1.5
COMMUNITY WELLNESS	57	1.4
Assist invalid	16	0.4
Defective elevator, no occupants	1	0.0
Unauthorized burning	26	0.6
Cover assignment, standby, moveup	15	0.4
Good intent call, other	47	1.2
Dispatched & canceled en route	39	1.0
Wrong location	13	0.3
No incident found on arrival at dispatch address	12	0.3
Authorized controlled burning	5	0.1
Smoke scare, odor of smoke	77	1.9
Steam, vapor, fog or dust thought to be smoke	3	0.1
EMS call, party transported by non-fire agency	4	0.1
HazMat release investigation w/no HazMat	4	0.1
False alarm or false call, other	5	0.1
Local alarm system, malicious false alarm	1	0.0
Bomb scare - no bomb	2	0.0
System malfunction, other	12	0.3
Sprinkler activation due to malfunction	4	0.1
Smoke detector activation due to malfunction	50	1.2
Heat detector activation due to malfunction	2	0.0
Alarm system sounded due to malfunction	90	2.2
CO detector activation due to malfunction	40	1.0
Unintentional transmission of alarm, other	22	0.5
Sprinkler activation, no fire - unintentional	1	0.0
Extinguishing system activation	1	0.0
Smoke detector activation, no fire - unintentional	53	1.3
Detector activation, no fire - unintentional	20	0.5
Alarm system activation, no fire - unintentional	48	1.2
Carbon monoxide detector activation, no CO	20	0.5
Wind storm, tornado/hurricane assessment	1	0.0
Severe weather or natural disaster standby	2	0.0
Special type of incident, other	4	0.1
STATION MAINTENENCE ISSUE	28	0.7
Citizen complaint	17	0.4
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

**Aid Given or Recieved**

<u>Aid Given or Recieved</u>	<u>Occurrences</u>	<u>Percentage</u>
Mutual aid received	37	0.9
Automatic aid received	2	0.0
Mutual aid given	62	1.5
None	3912	97.5
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Actions Taken - Basic

<u>Actions Taken - Basic</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	4733	39.3
Action taken, other	30	0.2
Fire control or extinguishment, other	6	0.0
Extinguishment by fire service personnel	60	0.5
Salvage & overhaul	15	0.1
Contain fire (wildland)	4	0.0
Confine fire (wildland)	1	0.0
Control fire (wildland)	1	0.0
Search	5	0.0
Rescue, remove from harm	3	0.0
Extricate, disentangle	9	0.1
Recover body	3	0.0
Emergency medical services, other	210	1.7
Provide first aid & check for injuries	365	3.0
Provide basic life support (BLS)	305	2.5
Provide advanced life support (ALS)	1846	15.3
Transport person	2023	16.8
Identify, analyze hazardous materials	1	0.0
Hazmat detection, monitoring, sampling, & analysis	9	0.1
Hazardous materials spill control and confinement	5	0.0
Hazardous materials leak control & containment	5	0.0
Remove hazard	18	0.1
Ventilate	50	0.4
Forcible entry	10	0.1
Evacuate area	1	0.0
Establish safe area	121	1.0
Systems and services, other	2	0.0
Restore municipal services	3	0.0
Restore sprinkler or fire protection system	1	0.0
Restore fire alarm system	35	0.3
Shut down system	10	0.1
Secure property	4	0.0
Remove water	2	0.0
Assistance, other	75	0.6
HOME SAFETY AND WELLNESS CHECK	39	0.3
Assist physically disabled	31	0.3
Assist animal	2	0.0
Provide manpower	295	2.5
Provide apparatus	7	0.1
Provide equipment	316	2.6
Provide water	2	0.0
Control traffic	1	0.0
Assess severe weather or natural disaster damage	1	0.0
Information, investigation & enforcement, other	1	0.0
Incident command	253	2.1
Notify other agencies.	97	0.8
Provide information to public or media	3	0.0
Refer to proper authority	81	0.7
Enforce codes	20	0.2
Investigate	838	7.0

Investigate fire out on Arrival	17	0.1
Fill-in, standby, other	2	0.0
Fill-in or moveup	4	0.0
Standby	16	0.1
Cancelled en route	42	0.3
<b>TOTAL</b>	<b>12039</b>	<b>100.0</b>

**(Primary Action)**

<u>(Primary Action)</u>	<u>Occurrences</u>	<u>Percentage</u>
Unknown	39	1.0
Action taken, other	10	0.2
Fire control or extinguishment, other	2	0.0
Extinguishment by fire service personnel	42	1.0
Salvage & overhaul	2	0.0
Contain fire (wildland)	1	0.0
Search	1	0.0
Rescue, remove from harm	1	0.0
Extricate, disentangle	7	0.2
Recover body	2	0.0
Emergency medical services, other	202	5.0
Provide first aid & check for injuries	330	8.2
Provide basic life support (BLS)	283	7.1
Provide advanced life support (ALS)	1786	44.5
Transport person	56	1.4
Identify, analyze hazardous materials	1	0.0
Hazmat detection, monitoring, sampling, & analysis	1	0.0
Hazardous materials spill control and confinement	3	0.1
Hazardous materials leak control & containment	2	0.0
Remove hazard	2	0.0
Ventilate	9	0.2
Forcible entry	5	0.1
Establish safe area	26	0.6
Restore municipal services	2	0.0
Shut down system	1	0.0
Secure property	2	0.0
Remove water	1	0.0
Assistance, other	49	1.2
Assist physically disabled	23	0.6
Assist animal	2	0.0
Provide manpower	44	1.1
Provide apparatus	2	0.0
Provide equipment	65	1.6
Provide water	2	0.0
Assess severe weather or natural disaster damage	1	0.0
Information, investigation & enforcement, other	1	0.0
Incident command	159	4.0
Notify other agencies.	5	0.1
Refer to proper authority	42	1.0
Enforce codes	2	0.0
Investigate	733	18.3
Investigate fire out on Arrival	12	0.3
Fill-in, standby, other	2	0.0
Fill-in or moveup	1	0.0
Standby	10	0.2
Cancelled en route	39	1.0
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

**(Secondary Action)**

<u>(Secondary Action)</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	1176	29.3
Action taken, other	12	0.3
Fire control or extinguishment, other	3	0.1
Extinguishment by fire service personnel	14	0.3
Salvage & overhaul	5	0.1
Contain fire (wildland)	3	0.1
Search	4	0.1
Rescue, remove from harm	1	0.0
Extricate, disentangle	1	0.0
Recover body	1	0.0
Emergency medical services, other	7	0.2
Provide first aid & check for injuries	34	0.8
Provide basic life support (BLS)	22	0.5
Provide advanced life support (ALS)	60	1.5
Transport person	1916	47.7
Hazmat detection, monitoring, sampling, & analysis	6	0.1
Hazardous materials spill control and confinement	1	0.0
Hazardous materials leak control & containment	1	0.0
Remove hazard	8	0.2
Ventilate	24	0.6
Forcible entry	4	0.1
Evacuate area	1	0.0
Establish safe area	83	2.1
Systems and services, other	1	0.0
Restore sprinkler or fire protection system	1	0.0
Restore fire alarm system	10	0.2
Shut down system	4	0.1
Secure property	1	0.0
Assistance, other	21	0.5
Assist physically disabled	8	0.2
Provide manpower	48	1.2
Provide apparatus	5	0.1
Provide equipment	234	5.8
Incident command	91	2.3
Notify other agencies.	53	1.3
Provide information to public or media	1	0.0
Refer to proper authority	20	0.5
Enforce codes	15	0.4
Investigate	103	2.6
Investigate fire out on Arrival	4	0.1
Fill-in or moveup	1	0.0
Standby	4	0.1
Cancelled en route	1	0.0
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

**(Tertiary Action)**

<u>(Tertiary Action)</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	3557	88.6
Action taken, other	8	0.2
Fire control or extinguishment, other	1	0.0
Extinguishment by fire service personnel	4	0.1
Salvage & overhaul	8	0.2
Confine fire (wildland)	1	0.0
Control fire (wildland)	1	0.0
Rescue, remove from harm	1	0.0
Extricate, disentangle	1	0.0

Emergency medical services, other	1	0.0
Provide first aid & check for injuries	1	0.0
Transport person	51	1.3
Hazmat detection, monitoring, sampling, & analysis	2	0.0
Hazardous materials spill control and confinement	1	0.0
Hazardous materials leak control & containment	2	0.0
Remove hazard	8	0.2
Ventilate	17	0.4
Forcible entry	1	0.0
Establish safe area	12	0.3
Systems and services, other	1	0.0
Restore municipal services	1	0.0
Restore fire alarm system	25	0.6
Shut down system	5	0.1
Secure property	1	0.0
Remove water	1	0.0
Assistance, other	5	0.1
Provide manpower	203	5.1
Provide equipment	17	0.4
Control traffic	1	0.0
Incident command	3	0.1
Notify other agencies.	39	1.0
Provide information to public or media	2	0.0
Refer to proper authority	19	0.5
Enforce codes	3	0.1
Investigate	2	0.0
Investigate fire out on Arrival	1	0.0
Fill-in or moveup	2	0.0
Standby	2	0.0
Cancelled en route	2	0.0
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Detector

<u>Detector</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	3971	99.0
Detector alerted occupants	21	0.5
Unknown	21	0.5
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### HazMat Release

<u>HazMat Release</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	663	16.5
Special HazMat actions required or spill >= 55 gal.	2	0.0
Natural gas: slow leak, no evac. or hazmat actions	7	0.2
Propane gas - Less than a 21 lb. tank	1	0.0
Gasoline - vehicle fuel tank or portable container	5	0.1
Diesel fuel/fuel oil - vehicle fuel tank/portable	2	0.0
Motor oil - from engine or portable container	4	0.1
None	3329	83.0
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Mixed Use Property

<u>Mixed Use Property</u>	<u>Occurrences</u>	<u>Percentage</u>
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Not Reported	1836	45.8
Mixed use, other	10	0.2
Assembly use	6	0.1
Educational use	21	0.5
Medical use	118	2.9
Residential use	405	10.1
Row of stores	14	0.3
Business and residential use	35	0.9
Office use	9	0.2
Industrial use	4	0.1
Farm use	1	0.0
Not mixed use	1554	38.7
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Property Use

<u>Property Use</u>	<u>Occurrences</u>	<u>Percentage</u>
Property Use, other	4	0.1
Assembly, other	1	0.0
Fixed-use recreation places, other	1	0.0
Variable-use amusement, recreation places, other	2	0.0
Ballroom, gymnasium	1	0.0
Playground	28	0.7
Amusement center: indoor/outdoor	2	0.0
Church, mosque, synagogue, temple, chapel	5	0.1
Clubs, other	2	0.0
Clubhouse	1	0.0
Yacht Club	1	0.0
Public or government, other	4	0.1
Library	1	0.0
Museum	4	0.1
Eating, drinking places, other	1	0.0
Restaurant or cafeteria	55	1.4
Bar or nightclub	7	0.2
Auditorium, concert hall	2	0.0
Movie theater	2	0.0
Educational, other	1	0.0
Schools, non-adult, other	1	0.0
Elementary school, including kindergarten	26	0.6
High school/junior high school/middle school	27	0.7
Day care, in commercial property	1	0.0
Day care, in residence, licensed	1	0.0
24-hour care Nursing homes, 4 or more persons	237	5.9
Mental retardation/development disability facility	3	0.1
Alcohol or substance abuse recovery center	2	0.0
Hospital - medical or psychiatric	78	1.9
Clinics, doctors offices, hemodialysis cntr, other	2	0.0
Clinic, clinic-type infirmary	129	3.2
Doctor, dentist or oral surgeon office	127	3.2
Jail, prison (not juvenile)	21	0.5
Police station	21	0.5
Residential, other	4	0.1
1 or 2 family dwelling	2008	50.0
Multifamily dwelling	209	5.2
Boarding/rooming house, residential hotels	37	0.9
Hotel/motel, commercial	22	0.5
Residential board and care	55	1.4
Dormitory-type residence, other	3	0.1
Barracks, dormitory	20	0.5
Mercantile, business, other	2	0.0

Convenience store	4	0.1
Food and beverage sales, grocery store	46	1.1
Household goods, sales, repairs	6	0.1
Specialty shop	3	0.1
Personal service, including barber & beauty shops	2	0.0
Laundry, dry cleaning	1	0.0
Service station, gas station	17	0.4
Motor vehicle or boat sales, services, repair	4	0.1
General retail, other	6	0.1
Bank	4	0.1
Post office or mailing firms	1	0.0
Business office	74	1.8
Electric-generating plant	1	0.0
Defense, military installation	2	0.0
Electrical distribution	4	0.1
Flammable liquid distribution, F.L. pipeline	1	0.0
Sanitation utility	2	0.0
Crops or orchard	1	0.0
Forest, timberland, woodland	27	0.7
Mine, quarry	1	0.0
Manufacturing, processing	1	0.0
Outside material storage area	1	0.0
Outbuilding or shed	1	0.0
Fire station	61	1.5
Warehouse	7	0.2
Dock, marina, pier, wharf	1	0.0
Dump, sanitary landfill	1	0.0
Open land or field	10	0.2
Campsite with utilities	7	0.2
Vacant lot	6	0.1
Beach	15	0.4
Graded and cared-for plots of land	16	0.4
Water area, other	5	0.1
Open ocean, sea or tidal waters	4	0.1
Lake, river, stream	18	0.4
Railroad right-of-way	1	0.0
Street, other	30	0.7
Highway or divided highway	114	2.8
Residential street, road or residential driveway	247	6.2
Vehicle parking area	28	0.7
Construction site	1	0.0
Industrial plant yard - area	1	0.0
None	64	1.6
Undetermined	5	0.1
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### Town FDID

<u>Town FDID</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	3951	98.5
Bourne Fire Department	38	0.9
Mashpee Fire Department	13	0.3
Barnstable Fire Deptment	1	0.0
COMM Fire Department	1	0.0
Cotuit Fire Department	1	0.0
Hyannis Fire Department	1	0.0
West Barnstable Fire Department	4	0.1
MMR Fire Department	3	0.1
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>



### State(NFIRS)

<u>State (NFIRS)</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	3951	98.5
Massachusetts	62	1.5
<b>TOTAL</b>	<b>4013</b>	<b>100.0</b>

### On-Site Materials

<u>On-Site Materials</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	57	93.4
Trees, plants, flowers	1	1.6
Wood, other	1	1.6
Timber	1	1.6
Autos, trucks, buses, recreational vehicles	1	1.6
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### On-Site Materials Storage Use

<u>On-Site Materials Storage Use</u>	<u>Occurrences</u>	<u>Percentage</u>
Bulk storage or warehousing	3	4.9
None	57	93.4
Undetermined	1	1.6
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Area of Fire Origin

<u>Area of Fire Origin</u>	<u>Occurrences</u>	<u>Percentage</u>
Common room, den, family room, living room, lounge	2	3.3
Sales area, showroom (excludes display window)	1	1.6
Function areas, other	1	1.6
Bedroom - < 5 persons; included are jail or prison	1	1.6
Cooking area, kitchen	8	13.1
Storage: supplies or tools; dead storage	1	1.6
Duct: hvac, cable, exhaust, heating, or AC	1	1.6
Heating room or area, water heater area	2	3.3
Substructure area or space, crawl space	1	1.6
Exterior balcony, unenclosed porch	1	1.6
Ceiling and floor assembly, crawl space between stories	1	1.6
Attic: vacant, crawl space above top story	2	3.3
Wall surface: exterior	1	1.6
Roof surface: exterior	1	1.6
Operator/passenger area of transportation equipment	1	1.6
Engine area, running gear, wheel area	5	8.2
Exterior, exposed surface	2	3.3
Outside area, other	3	4.9
Railroad right-of-way: on or near	1	1.6
Highway, parking lot, street: on or near	2	3.3
Courtyard, patio, terrace	2	3.3
Open area, outside; included are farmland, field	4	6.6
Wildland, woods	13	21.3
Undetermined	4	6.6

**TOTAL** 61 100.0

### Heat Source - Fire

<u>Heat Source - Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
Heat source: other	2	3.3
Heat from powered equipment, other	8	13.1
Spark, ember, or flame from operating equipment	3	4.9
Radiated or conducted heat from operating equipment	3	4.9
Electrical arcing	4	6.6
Hot or smoldering object, other	4	6.6
Molten, hot material	1	1.6
Hot ember or ash	3	4.9
Explosive, fireworks, other	1	1.6
Fireworks	2	3.3
Heat from other open flame or smoking materials, other	2	3.3
Cigarette	1	1.6
Heat from undetermined smoking material	1	1.6
Match	1	1.6
Lighter: cigarette, cigar	1	1.6
Backfire from internal combustion engine	1	1.6
Lightning discharge	2	3.3
Undetermined	21	34.4
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Item First Ignited

<u>Item First Ignited</u>	<u>Occurrences</u>	<u>Percentage</u>
Item First Ignited, Other	4	6.6
Structural component or finish, other	1	1.6
Exterior sidewall covering, surface, finish	1	1.6
Interior wall covering excluding drapes, etc.	1	1.6
Structural member or framing	2	3.3
Appliance housing or casing	2	3.3
Wearing apparel not on a person	1	1.6
Atomized liquid, vaporized liquid, aerosol.	1	1.6
Flammable liquid/gas - in/from engine or burner	2	3.3
Flammable liquid/gas - in/from final container	1	1.6
Organic materials, other	2	3.3
Light vegetation - not crop, including grass	11	18.0
Heavy vegetation - not crop, including trees	4	6.6
Cooking materials, including edible materials	8	13.1
Electrical wire, cable insulation	3	4.9
Dust, fiber, lint, including sawdust and excelsior	1	1.6
Multiple items first ignited	2	3.3
Undetermined	14	23.0
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Type of Material First Ignited

<u>Type of Material First Ignited</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	13	21.3
Type of material first ignited, other	5	8.2
Flammable or combustible liquid, other	1	1.6
Kerosene, No.1 and 2 fuel oil, diesel fuel	2	3.3

Fat, grease, butter, margarine, lard	1	1.6
Plastic	2	3.3
Natural product, other	5	8.2
Hay, straw	3	4.9
Food, starch, excluding fat and grease (Code 31)	4	6.6
Wood or paper, processed, other	1	1.6
Wood chips, sawdust, shavings	1	1.6
Sawn wood, including all finished lumber	8	13.1
Wood pulp, wood fiber	1	1.6
Fabric, fiber, cotton, blends, rayon, wool	1	1.6
Multiple types of material	1	1.6
Undetermined	12	19.7
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Cause of Ignition

<u>Cause of Ignition</u>	<u>Occurrences</u>	<u>Percentage</u>
Intentional	2	3.3
Unintentional	27	44.3
Failure of equipment or heat source	8	13.1
Act of nature	2	3.3
Cause under investigation	5	8.2
Cause undetermined after investigation	17	27.9
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Factors Contributing to Ignition - Fire

<u>Factors Contributing to Ignition - Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	51	83.6
Heat source too close to combustibles.	2	3.3
Playing with heat source	2	3.3
Equipment unattended	1	1.6
Failure to clean	1	1.6
Equipment not operated properly	2	3.3
Outside/open fire for warming or cooking	1	1.6
Undetermined	1	1.6
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Human Factors Contributing to Ignition - Fire

<u>Human Factors Contributing to Ignition - Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
Asleep	1	2.0
Unattended person	1	2.0
Possibly mentally disabled	1	2.0
Age was a factor	2	3.9
None	46	90.2
<b>TOTAL</b>	<b>51</b>	<b>100.0</b>

### Gender

<u>Gender</u>	<u>Occurrences</u>	<u>Percentage</u>
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Not Reported	59	96.7
Male	2	3.3
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Equipment Involved in Ignition - Fire

<u>Equipment Involved in Ignition - Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	41	67.2
Heating, ventilation and air conditioning, other	2	3.3
Fan	1	1.6
Stove, heating	1	1.6
Chimney: metal, including stovepipe, flue	1	1.6
Furnace, local heating unit, built-in	1	1.6
Heater, excluding catalytic and oil-filled heaters	1	1.6
Electrical wiring, other	1	1.6
Power saw	1	1.6
Heat-treating equipment	1	1.6
Water fountain, water cooler	1	1.6
Kitchen and cooking equipment, other	1	1.6
Toaster, toaster oven, countertop broiler	1	1.6
Grill, hibachi, barbecue	1	1.6
Microwave oven	1	1.6
Oven, rotisserie	1	1.6
Range, stove with/without oven or cooking surface	3	4.9
Cigarette lighter, pipe lighter	1	1.6
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Equipment Power Source

<u>Equipment Power Source</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	41	67.2
Electrical, other	1	1.6
Electrical line voltage (>= 50 volts)	12	19.7
Batteries and low voltage (< 50 volts)	2	3.3
Natural gas or other lighter-than-air gas	1	1.6
LP gas or other heavier-than-air gas	2	3.3
Liquid fuel, other	1	1.6
Undetermined	1	1.6
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Equipment Portability

<u>Equipment Portability</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	41	67.2
Portable	10	16.4
Stationary	10	16.4
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Fire Suppression Factors - Fire

<u>Fire Suppression Factors - Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
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Not Reported	61	100.0
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Mobile Property Involved

<u>Mobile Property Involved</u>	<u>Occurrences</u>	<u>Percentage</u>
Not involved in ignition, but burned	2	3.3
Involved in ignition, but did not itself burn	2	3.3
Involved in ignition and burned	4	6.6
None	53	86.9
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Mobile Property Type - Fire

<u>Mobile Property Type - Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	53	86.9
Passenger or road vehicles, other	1	1.6
Automobile, passenger car, ambulance, race car	3	4.9
General use truck, dump truck, fire apparatus	2	3.3
Pickup truck, hauling rig (non-motorized)	1	1.6
Box, freight, or hopper car	1	1.6
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Mobile Property Make - Fire

<u>Mobile Property Make - Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	53	86.9
Audi	1	1.6
Dodge	1	1.6
Ford	1	1.6
Freightliner	1	1.6
GMC (General Motors)	1	1.6
Jeep	1	1.6
Volvo	1	1.6
Volkswagen	1	1.6
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Reports Attached

<u>Reports Attached</u>	<u>Occurrences</u>	<u>Percentage</u>
Unknown	8	13.1
Not Reported	53	86.9
<b>TOTAL</b>	<b>61</b>	<b>100.0</b>

### Structure Type

<u>Structure Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Enclosed building	27	96.4

Connective structure	1	3.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

### Building Status

<u>Building Status</u>	<u>Occurrences</u>	<u>Percentage</u>
In Normal Use	25	89.3
Idle, not routinely used	1	3.6
Undetermined	2	7.1
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

### Fire Spread

<u>Fire Spread</u>	<u>Occurrences</u>	<u>Percentage</u>
Confined to object of origin	8	28.6
Confined to room of origin	18	64.3
Confined to building of origin	1	3.6
Beyond building of origin	1	3.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

### Item Contributing Most to Flame Spread

<u>Item Contributing Most to Flame Spread</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	24	85.7
Exterior sidewall covering, surface, finish	1	3.6
Floor covering or rug/carpet/mat, surface	1	3.6
Flammable liquid/gas - in/from final container	1	3.6
Electrical wire, cable insulation	1	3.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

### Type of Material Contributing to Flame Spread

<u>Type of Material Contributing to Flame Spread</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	24	85.7
Gasoline	1	3.6
Plastic	1	3.6
Sawn wood, including all finished lumber	1	3.6
Fiberboard, particleboard, and hardboard	1	3.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

### Presence of Detectors

<u>Presence of Detectors</u>	<u>Occurrences</u>	<u>Percentage</u>
Present	21	75.0
None present	1	3.6
Undetermined	6	21.4
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Detector Type

<u>Detector Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	1	3.6
Smoke	16	57.1
Heat	1	3.6
More than one type present	2	7.1
Undetermined	8	28.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Detector Power Supply

<u>Detector Power Supply</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	1	3.6
Battery only	4	14.3
Hardwire only	7	25.0
Hardwire with battery backup	9	32.1
Multiple detectors and power supplies	1	3.6
Undetermined	6	21.4
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Detector Operation

<u>Detector Operation</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	6	21.4
Fire too small to activate detector	5	17.9
Detector operated	12	42.9
Detector failed to operate	1	3.6
Undetermined	4	14.3
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Detector Effectiveness

<u>Detector Effectiveness</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	16	57.1
Detector alerted occupants, occupants responded	11	39.3
Detector failed to alert occupants	1	3.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Detector Failure Reason

<u>Detector Failure Reason</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	27	96.4
Battery missing or disconnected	1	3.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Presence of Automatic Extinguishment System

<u>Presence of Automatic Extinguishment System</u>	<u>Occurrences</u>	<u>Percentage</u>
Present	3	10.7
None Present	25	89.3
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Type of Automatic Extinguishment System

<u>Type of Automatic Extinguishment System</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	25	89.3
Wet-pipe sprinkler system	2	7.1
Dry-pipe sprinkler system	1	3.6
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Operation of Automatic Extinguishment System

<u>Operation of Automatic Extinguishment System</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	25	89.3
Fire too small to activate system	3	10.7
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Reason System Not Effective

<u>Reason System Not Effective</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	28	100.0
<b>TOTAL</b>	<b>28</b>	<b>100.0</b>

## Career Status

<u>Career Status</u>	<u>Occurrences</u>	<u>Percentage</u>
Career	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

## Usual Assignment

<u>Usual Assignment</u>	<u>Occurrences</u>	<u>Percentage</u>
Fire suppression, included are HazMat, rescue, IC	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

## Physical Condition Just Prior to Injury

<u>Physical Condition Just Prior to Injury</u>	<u>Occurrences</u>	<u>Percentage</u>
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Fatigued	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

### Fire Service Casualty Severity

<u>Fire Service Casualty Severity</u>	<u>Occurrences</u>	<u>Percentage</u>
Treated by physician, not a lost-time injury	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

### Taken To

<u>Taken To</u>	<u>Occurrences</u>	<u>Percentage</u>
Hospital	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

### Activity at Time of Injury

<u>Activity at Time of Injury</u>	<u>Occurrences</u>	<u>Percentage</u>
Extinguishing fire/neutralizing incident, other	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

### Primary Apparent Symptom

<u>Primary Apparent Symptom</u>	<u>Occurrences</u>	<u>Percentage</u>
Dizziness/fainting/weakness	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

### Primary Area of Body Injured

<u>Primary Area of Body Injured</u>	<u>Occurrences</u>	<u>Percentage</u>
None	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

### Cause of Firefighter Injury

<u>Cause of Firefighter Injury</u>	<u>Occurrences</u>	<u>Percentage</u>
Overexertion/strain	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

### Factor Contributing to Injury

**Factor Contributing to Injury**

	<u>Occurrences</u>	<u>Percentage</u>
None	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

**Object Involved in Injury**

**Object Involved in Injury**

	<u>Occurrences</u>	<u>Percentage</u>
None	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

**Where Injury Occurred**

**Where Injury Occurred**

	<u>Occurrences</u>	<u>Percentage</u>
At scene, outside structure	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

**Specific Location Where Injury Occurred**

**Specific Location Where Injury Occurred**

	<u>Occurrences</u>	<u>Percentage</u>
Outside at grade	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

**Vehicle Type**

**Vehicle Type**

	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

**DOT Hazard Classification**

**DOT Hazard Classification**

	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	7	63.6
Division 2.1 Flammable gases	1	9.1
Division 2.3 Gases toxic by inhalation	1	9.1
Class 3 - Flammable/Combustible Liquids	2	18.2
<b>TOTAL</b>	<b>11</b>	<b>100.0</b>

**Container Type**

**Container Type**

	<u>Occurrences</u>	<u>Percentage</u>
Portable container, other	1	9.1
Cylinder	2	18.2
Mobile container, other	2	18.2
Vehicle fuel tank and associated piping	1	9.1

None	5	45.5
<b>TOTAL</b>	<b>11</b>	<b>100.0</b>

### Units Capacity

<u>Units Capacity</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	7	63.6
Gallons	4	36.4
<b>TOTAL</b>	<b>11</b>	<b>100.0</b>

### Units Released

<u>Units Released</u>	<u>Occurrences</u>	<u>Percentage</u>
Ounces (liquid)	2	18.2
Gallons	5	45.5
Cubic feet	2	18.2
Ounces (weight).	2	18.2
<b>TOTAL</b>	<b>11</b>	<b>100.0</b>

### Physical State When Released

<u>Physical State When Released</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	2	18.2
Liquid	3	27.3
Gas	6	54.5
<b>TOTAL</b>	<b>11</b>	<b>100.0</b>

### Released Into

<u>Released Into</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	6	54.5
Air	4	36.4
Ground	1	9.1
<b>TOTAL</b>	<b>11</b>	<b>100.0</b>

### Released From

<u>Released From</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	2	25.0
Inside or on structure	3	37.5
Outside of structure	3	37.5
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Population Density

<u>Population Density</u>	<u>Occurrences</u>	<u>Percentage</u>
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Suburban - Predominantly single-family residential	4	50.0
Rural - Scattered small communities and farms	4	50.0
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Area Affected

<u>Area Affected</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	4	50.0
Square Feet	4	50.0
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### HazMat Actions Taken

<u>HazMat Actions Taken</u>	<u>Occurrences</u>	<u>Percentage</u>
Identify, analyze hazardous materials	2	25.0
Hazmat detection, monitoring, sampling, & analysis	2	25.0
Investigate	3	37.5
Standby	1	12.5
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Release/Ignition Sequence

<u>Release/Ignition Sequence</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	7	87.5
Undetermined	1	12.5
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Cause of Release

<u>Cause of Release</u>	<u>Occurrences</u>	<u>Percentage</u>
Unintentional release	4	50.0
Container or containment failure	4	50.0
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Factors Contributing to Release

<u>Factors Contributing to Release</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	3	37.5
Mechanical failure, malfunction, other	2	25.0
Other part failure, leak, or break	1	12.5
Lack of maintenance, worn out	1	12.5
Collision, overturn, knockdown	1	12.5
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Factors Affecting Mitigation

<u>Factors Affecting Mitigation</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	8	100.0
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Equipment Involved in Release

<u>Equipment Involved in Release</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	5	62.5
Furnace, central heating unit	1	12.5
Boiler (power, process, heating)	1	12.5
Range, stove with/without oven or cooking surface	1	12.5
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Mobile Property Type - HazMat

<u>Mobile Property Type - HazMat</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	7	87.5
Passenger or road vehicles, other	1	12.5
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Mobile Property Make - HazMat

<u>Mobile Property Make - HazMat</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	8	100.0
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Hazmat Disposition

<u>Hazmat Disposition</u>	<u>Occurrences</u>	<u>Percentage</u>
Completed by fire service only	7	87.5
Completed with fire service present	1	12.5
<b>TOTAL</b>	<b>8</b>	<b>100.0</b>

### Subsection

<u>Subsection</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	13	100.0
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Meridian

<u>Meridian</u>	<u>Occurrences</u>	<u>Percentage</u>
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Not Reported	13	100.0
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Area Type

<u>Area Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Urban, heavily populated areas	2	15.4
Rural/urban or suburban	4	30.8
Urban-wildland interface area	7	53.8
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Wildland Fire Cause

<u>Wildland Fire Cause</u>	<u>Occurrences</u>	<u>Percentage</u>
Natural source	1	7.7
Open/outdoor fire	2	15.4
Debris, vegetation burn	2	15.4
Incendiary	2	15.4
Undetermined	6	46.2
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Human Factors Contributing to Ignition - Wildland

<u>Human Factors Contributing to Ignition - Wildland</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	13	100.0
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Factors Contributing to Ignition - Wildland

<u>Factors Contributing to Ignition - Wildland</u>	<u>Occurrences</u>	<u>Percentage</u>
None	13	100.0
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Fire Suppression Factors - Wildland

<u>Fire Suppression Factors - Wildland</u>	<u>Occurrences</u>	<u>Percentage</u>
Poor or no access for fire department apparatus	1	7.7
Drought or low fuel moisture	1	7.7
Humidity, low	3	23.1
None	8	61.5
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Heat Source - Wildland

<u>Heat Source - Wildland</u>	<u>Occurrences</u>	<u>Percentage</u>
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Heat source: other	2	15.4
Hot ember or ash	1	7.7
Match	3	23.1
Lighter: cigarette, cigar	1	7.7
Undetermined	6	46.2
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Mobile Property Type - Wildland

<u>Mobile Property Type - Wildland</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	1	7.7
None	12	92.3
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Equipment Involved in Ignition - Wildland

<u>Equipment Involved in Ignition - Wildland</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	1	7.7
Cigarette lighter, pipe lighter	1	7.7
None	9	69.2
Undetermined	2	15.4
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Weather Type

<u>Weather Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	7	53.8
Clear, less than 1/10 cloud cover	3	23.1
Scattered clouds, 1/10 to 5/10 cloud cover	3	23.1
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Wind Direction

<u>Wind Direction</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	7	53.8
Southwest	6	46.2
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Fire Danger Rating

<u>Fire Danger Rating</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	8	61.5
Moderate fire danger	1	7.7
High fire danger	3	23.1
Very high fire danger	1	7.7
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

## Property Management

<u>Property Management</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	4	30.8
Tax paying	2	15.4
Non-tax paying	2	15.4
City, town, village or other locality	2	15.4
State or province	1	7.7
Undetermined	2	15.4
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

## NFDRS Fuel Model at Origin

<u>NFDRS Fuel Model at Origin</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	10	76.9
H: Short needle conifers; normal down woody materials	1	7.7
P: Southern long-needle pine	1	7.7
Undetermined	1	7.7
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

## Person Responsible for Fire

<u>Person Responsible for Fire</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	4	30.8
Identified person caused fire	3	23.1
Unknown person caused fire	4	30.8
Fire not caused by person	2	15.4
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

## Activity or Person

<u>Activity or Person</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	10	76.9
Human activity, other	2	15.4
Social gathering	1	7.7
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

## Type of Right of Way

<u>Type of Right of Way</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	13	100.0
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

## Relative Position on Slope

<u>Relative Position on Slope</u>	<u>Occurrences</u>	<u>Percentage</u>
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Not Reported	10	76.9
Lower Slope	1	7.7
Mid Slope	1	7.7
Upper Slope	1	7.7
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Aspect

<u>Aspect</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	9	69.2
Southwest	4	30.8
<b>TOTAL</b>	<b>13</b>	<b>100.0</b>

### Apparatus or Resources

<u>Apparatus or Resources</u>	<u>Occurrences</u>	<u>Percentage</u>
Other apparatus/resource	1	0.0
Engine	1115	17.0
Truck or aerial	3	0.0
Quint	147	2.2
Brush truck	334	5.1
Tanker or tender	12	0.2
Marine equipment, other	9	0.1
Medical & rescue unit, other	3435	52.3
ALS unit	1	0.0
Mobile command post	1505	22.9
Chief officer car	1	0.0
None	1	0.0
<b>TOTAL</b>	<b>6564</b>	<b>100.0</b>

### Apparatus Use

<u>Apparatus Use</u>	<u>Occurrences</u>	<u>Percentage</u>
Other	1522	23.2
Suppression	1607	24.5
EMS	3435	52.3
<b>TOTAL</b>	<b>6564</b>	<b>100.0</b>

### Case Status

<u>Case Status</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	10	66.7
Investigation open	2	13.3
Investigation closed	2	13.3
Investigation closed with arrest	1	6.7
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

### Availability of Material First Ignited

<u>Availability of Material First Ignited</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	13	86.7
Available at scene	2	13.3
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

### Suspected Motivation Factors

<u>Suspected Motivation Factors</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	12	80.0
Fireplay/curiosity	1	6.7
Unknown	2	13.3
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

### Apparent Group Involvement

<u>Apparent Group Involvement</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	9	60.0
No group involvement, acted alone	6	40.0
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

### Entry Method

<u>Entry Method</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	10	66.7
Other entry method	1	6.7
Door - open or unlocked	2	13.3
Unknown	2	13.3
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

### Extent of Fire Involvement on Arrival at Scene

<u>Extent of Fire Involvement on Arrival at Scene</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	11	73.3
No flame or smoke showing	2	13.3
Flame and smoke showing	1	6.7
Fully involved	1	6.7
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

### Incendiary Devices - Container

<u>Incendiary Devices - Container</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	10	66.7
Pressurized container	1	6.7
No Container	3	20.0
Unknown	1	6.7
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

## Incendiary Devices - Ignition/Delay Device Type

<u>Incendiary Devices - Ignition/Delay Device Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	9	60.0
Mechanical device	1	6.7
Open flame source	1	6.7
No Device	3	20.0
Unknown	1	6.7
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

## Incendiary Devices - Fuel Type

<u>Incendiary Devices - Fuel Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	9	60.0
Ordinary combustibles	2	13.3
Flammable gas	1	6.7
None	3	20.0
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

## Other Investigative Information

<u>Other Investigative Information</u>	<u>Occurrences</u>	<u>Percentage</u>
Criminal/Civil actions pending	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

## Property Ownership

<u>Property Ownership</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	10	66.7
Private	5	33.3
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>

## Initial Observations

<u>Initial Observations</u>	<u>Occurrences</u>	<u>Percentage</u>
Doors ajar	1	100.0
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>

## Laboratory Used

<u>Laboratory Used</u>	<u>Occurrences</u>	<u>Percentage</u>
None	2	100.0
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>

## Family Type

<u>Family Type</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	4	80.0
Extended family, including multigenerational	1	20.0
<b>TOTAL</b>	<b>5</b>	<b>100.0</b>

## Disposition of Person Under 18

<u>Disposition of Person Under 18</u>	<u>Occurrences</u>	<u>Percentage</u>
Not Reported	4	80.0
Referred to treatment/counseling program	1	20.0
<b>TOTAL</b>	<b>5</b>	<b>100.0</b>

For Districts: All

For Situations: 460,223,135,462,745,735,541,540,542,542D,542W,445,554,551,481,480,631,672,451,751,  
 12,611,154,244,811,440,370,371,320,321,661,251,240,471,742,732,351,357,352,350,700,121,120,122,123,100,  
 22,324,323,711,241,140,622,138,413,162,163,164,150,151,155,161,442,220,210,221,222,212,211,200,131,510,  
 53,531,651,160,900,731,741,9001,213,650,652,364,363,361,730,713,482,420,372,118,354,561,740,463,641,36

For Jurisdictions: All

For Street(s): All

For Location: All