



## NFORS Incident Investigation Module

This document describes data elements to be collected through a Fire Department's CAD system and/or with minimal additional fire officer/investigator input.

### **Color Code = Data Priority for the FireCARES System**

**RED** = PRIORITY 1 (\*Must have data for FireCARES formulas)

**BLUE** = PRIORITY 2

**GREEN** = PRIORITY 3

### **Event (Incident)**

- **Unique Incident Number**
  - Real (Live)
  - Training
- **Event Type (Incident Type)**

- **EMS**

#### **EMS Situation (from CAD)**

- Medical
- Cardiac
- Trauma
- Other

#### **Activity On Assignment/ Call**

- Secure Scene
- Patient Access
- Patient Triage
- Patient Care
- Patient Handling
- Patient Transport
- Ambulance (Unit) Decontamination
- Patient Transfer at Hospital (medical facility)
- Other \_\_\_\_ (describe) \_\_\_\_
- **FIRE**



### **What was Burning?**

- Structure
    - Residential
    - Commercial
  - Contents
  - Vehicle
  - Trash (rubbish)
  - Wildland (Brush)
  - Other \_\_\_\_\_
- Was foam used on this operation? Yes/No/Not sure
    - (If Yes) What type of foam was used?
      - AFFF (Polar, Chem Guard)
      - Purple K (Dry Chem)
      - Extinguisher Metal X ((dry Chem)
      - Extinguisher Purple X (Dry Chem)
      - Extinguisher B/C (Dry Chem)
- **Fire Conditions During Involvement**
    - No Smoke or Fire Showing
    - Smoke Showing
    - Fire Showing
    - Structure Fully involved
    - Fire Spread Beyond the Structure of Origin
- **Activity On Scene / Duration (min)**
    - 360 Degree Size up
    - Incident Command
    - Fire Attack/Fire Suppression
    - Apparatus Operator
    - Search/Rescue
    - Ventilation
    - Rapid Intervention Crew (RIC)
    - Laddering/Roof Operations
    - Laddering/Windows
    - Salvage
    - Overhaul
    - Staging Manager



- Worked in Rehab
- Safety Officer
- Fire Watch (remain on scene after overhaul)
- EMS on scene
- EMS Transport
- Hazmat
- Fire Cause Investigation
  
- **Hazmat**
  
- **Rescue**
  - Water
  - High angle
  - Confined space
  - Other \_\_\_\_\_
- **Other**



## Dispatch Information

### Dispatch Detail -

- Dispatch Center ID Number
- PSAP/Fire Department Dispatch Notification Type
- Address – Street Address or Lat /Long
  - Previous response to address (Y/N)
- **\*IF FIRE then**
  - Fire Condition on Dispatch
    - No Smoke or Fire Showing
    - Smoke Showing
    - Fire Showing
    - Structure Fully involved
    - Fire Spread Beyond Structure

## Station, Apparatus/Vehicle, and Firefighter/Fire Officer Information

### Deployment

- Station ID Number
- Shift Working
  - A shift
  - B shift
  - C shift
  - D shift
- Firefighter/ Paramedic/ Fire Officer ID Number on each Vehicle

### Alarm Package Detail

- Response Alarm Package (ID Number or Name)
  - List of all companies dispatched in first alarm (first dispatch)
    - Vehicle/Apparatus ID Number
    - Apparatus / Vehicle Role
      - 360 Degree Size up
      - Incident Command
      - Fire Attack/Fire Suppression
      - Apparatus Operator



- Search/Rescue
  - Ventilation
  - Rapid Intervention Crew (RIC)
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  - Laddering/Windows
  - Salvage
  - Overhaul
  - Staging Manager
  - Worked in Rehab
  - Safety Officer
  - Fire Watch (remain on scene after overhaul)
  - EMS on scene
  - EMS Transport
  - Hazmat
  - Fire Cause Investigation
- 
- Mutual (or Auto) Aid Requested/Provided (Y/N)

## Response Information

### Apparatus/Vehicle Response Information (RESPONDING)

- Apparatus/Vehicle ID Number
- Response Destination Type
- Response Delay
- Complete Response Force Arrived on Scene Date/Time = (\*time of last unit arrival)
- Additional Units requested (Y/N) (If Y then)
  - Station ID Number
  - Vehicle/Apparatus ID Number
    - Apparatus Vehicle Type
      - Engine
      - Truck/Aerial
      - Quint
      - Tanker/Pumper Combination
      - Brush Truck
      - ARFF
      - Dozer /Plow
      - Tractor
      - Tanker/Tender
      - Aircraft fixed-wing



- Helitanker
  - Helicopter
  - Aircraft (Other)
  - Fireboat with Pump
  - Boat no Pump
  - Marine Equipment (Other)
  - Breathing Apparatus Support
  - Light and Air Unit
  - Rescue Unit
  - USAR
  - High Angle Rescue
  - BLS
  - ALS
  - Mobile Command Post
  - Chief Officer
  - Hazmat Unit
  - Type I Hand Crew (Wildland)
  - Type II Hand Crew (Wildland)
  - Other Apparatus
  - Support Unit
- 
- Mutual (or Auto) Aid Requested Y/N (if Y then)
    - Station ID Number
    - Vehicle/Apparatus ID Number
      - Apparatus Vehicle Type
        - Engine
        - Truck/Aerial
        - Quint
        - Tanker/Pumper Combination
        - Brush Truck
        - ARFF
        - Dozer /Plow
        - Tractor
        - Tanker/Tender
        - Aircraft fixed-wing
        - Helitanker
        - Helicopter
        - Aircraft (Other)
        - Fireboat with Pump
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- Breathing Apparatus Support
- Light and Air Unit
- Rescue Unit
- USAR
- High Angle Rescue
- BLS
- ALS
- Mobile Command Post
- Chief Officer
- Hazmat Unit
- Type I Hand Crew (Wildland)
- Type II Hand Crew (Wildland)
- Other Apparatus
- Support Unit



## IF FIRE - Then Fire Ground Operations

### Fire Condition on Arrival

- No Smoke or Fire Showing
- Smoke Showing
- Fire Showing
- Structure Fully involved
- Fire Spread Beyond Structure

### Attack Strategy

- Fire Attack Strategy
  - Defensive Fire Attack
  - Transitional Fire Attack
  - Offensive Fire Attack
  
- Fire Attack Started (Water on Fire) WOF Date/Time

### Hose Detail

- First Hose Line (Attack line) in Position (confirm/ location)
- Second (Back up) Hose Line in Position (confirm/location)
- Exposure Hose Line in Position (confirm/location)
- Other Hose Lines in Position (Location)

### Occupant Status

- Occupant Status (Known/Unknown)
  - **Known**
    - out or not
    - how many
    - where located
  - **Unknown**

### Fire Ground Operations Times

- Task Times
  - Establish Command
  - Size up (360-degree lap/ situation report)
    - Type of structure (Single Family, Multifamily, Other)
    - Construction Type
      - Type I = fire Resistive





- Type II = non combustible
- Type III = Ordinary
- Type IV – Heavy Timber
- Type V = Wood Frame (Light Weight)
- Unit Location - Side of structure
- Location of fire (Side A, B, C, D, E (center))
- Quadrant of fire (A, B, C, D,)
- Location of Fire Room (i.e. Kitchen, bedroom, etc..)
- PRIMARY water source type/ time engaged
  - Hydrant (location)
  - Tanker
  - Other
- Position Attack Line (side of structure/ floor)
- Establish 2 in/2 out
- Establish RIC/RIT
- Search Type
  - Primary Start Date/Time
  - Primary Completed Date/Time
  - Secondary Start Date/Time
  - Secondary Completed Date/Time
- Gain Access/Force Entry
- Water on Fire Time (Attack Line) Time water Flowing
- Sustained water source type/ time engaged
  - Hydrant (location) for secondary water supply
  - Tanker
  - Other
- Primary Search Started/Completed
- Rescued Civilians
  - Where found
  - Physical Status (breathing/not breathing)
- Ground Ladders in place
- Ventilation task times
- Control Utilities
- Secondary Search Started/Completed
- Check for Extension Started/ completed
- Fire under control (knock on the fire) time
- Item first ignited
  - Object of origin



- Room of origin (eg. Kitchen)
- **Fire Spread**
  - Object of origin (eg. Food on the stove)
  - Room of origin (eg. Held to kitchen)
  - Floor of origin (eg. First floor extending to deck)
  - Building (extending to attic) or (fire in basement extending to first floor)
  - Beyond building of origin (to Exposures)
- **Number of Rooms (Structure)**
  - Number of rooms
  - Number of rooms damaged
- **Smoke Dectectors**
  - Present (Y/N)
  - Working (Y/N)

### **Suppression**

- Automatic Extinguishing System (building) (Y/N) If Y then...
  - Activated
  - Failed
- Initial Flow from Water Source Date/Time
- Water Flowing to Building Suppression System Date/Time
- Initial Suppressant Flowing on Fire Date/Time
- Additional Water Flowing to Fire Date/Time
- Established Uninterrupted Water Supply Date/Time

### **Ventilation (repeated by Ventilation Method)**

- Ventilation Method
- Ventilation Initiated Date/Time

### **Staging**

- Staging Established Date/Time
- Staging Discontinued Date/Time

### **Rehabilitation**

- Rehab Established Date/Time
- Rehab Discontinued Date/Time



### Special Call Resources (repeating by Special Call Resource Type i.e. building engineer)

- Special Call Resource Type
- Special Call Resource Arrival Date/Time

### Medical Group –

- Established – Date/Time
- Discontinued – Date/Time

### IF Mayday

- Mayday Alert Date/Time
- Activated by Self/Other
- Rapid Intervention Crew Deployed Date/Time
- Rapid Intervention Crew Structure Entry Date/Time
- Rapid Intervention Crew Structure Exit Date/Time
- Mayday Rescue Completed Date/Time
- Firefighter/ Officer ID
- Situation
  - Trapped in structure
  - Lost in structure
  - Incapacitated in structure
  - Outside structure

### IF EMS – EMS Operations

#### EMS Operations

- Situation found (Chief Complaint)
- At patient side
- Working CPR (Y/N)
- Transporting
- At facility (hospital)

### Special Call Resources (repeating by Special Call Resource Type)

- Special Call Resource Type
- Special Call Resource Arrival Date/Time

### IF HAZMAT - HAZMAT Operations

#### Hazmat Operations

- Situation found



- Large spill > 55 gallons
- Small spill < 55 gallons
- UN ID number of material- name of Product
- Hazard class (Label)
- Type of package/container
- Stable /non stable
- Technician Time of entry
- Technician Time of exit
- Civilian Rescue necessary (Y/N)
- Isolation zone established

### Staging

- Staging Established Date/Time
- Staging Discontinued Date/Time

### Decontamination

- Established Date/Time
- Discontinued Date/Time

### Special Call Resources (repeating by Special Call Resource Type)

- Special Call Resource Type
- Special Call Resource Arrival Date/Time

## IF RESCUE Operations

### Rescue Operations

- Situation found
- Civilian Rescue necessary (Y/N)

### Staging

- Staging Established Date/Time
- Staging Discontinued Date/Time

### Special Call Resources (repeating by Special Call Resource Type)

- Special Call Resource Type
- Special Call Resource Arrival Date/Time

## IF OTHER Operations



### **OTHER Operations**

- Situation found
- Civilian Rescue necessary (Y/N)

### **Staging**

- Staging Established Date/Time
- Staging Discontinued Date/Time

### **Special Call Resources (repeating by Special Call Resource Type)**

- Special Call Resource Type
- Special Call Resource Arrival Date/Time



## **ALL Operations (Time Stamps)**

### **IF FIRE - Dispatch Center Times**

- Building Alarm Activation Date/Time
- Building Alarm Answering Date/Time
- PSAP Notification Date/Time
- PSAP Answer Date/Time
- Fire Department Dispatch Notified Date/Time
- Building Alarm Verification Date/Time

### **IF FIRE - Dispatched Alarm Detail**

- Dispatch Alarm Level Type (Initial Dispatch)
- Dispatch Alarm Date/Time

### **ALL Call Types - Response Destination**

- Fire Box Alarm
- Response Destination Name
- Response Destination Address Line 1
- Response Destination Address Line 2
- Response Destination City
- Response Destination County
- Response Destination State
- Response Destination Zip Code
- Response Destination Phone Number
- Response Destination Census Tract
- Response Destination US National Grid Coordinates
- Response Destination GPS

### **ALL Call Types -Overall Response Package**

- Initial Units (initial Alarm) Dispatched Arrived Date/Time
- Complete Response Force (Initial Full Alarm) Arrived Date/Time

### **ALL Call Types - Response Times (Repeat for each Apparatus/Vehicle)**

- Apparatus/Vehicle ID Number
- First Due Apparatus/Vehicle (Yes/No)
- Unit Dispatch Notification Date/Time
- Dispatch Acknowledged Unit Notification Date/Time
- Unit En Route/Wheels Rolling Date/Time
- Unit Arrived on Scene Date/Time



- Unit Left Scene Date/Time
- Unit Back in Service (Available) Date/Time

### **IF STRUCTURE FIRE - Firefighter/Fire Officer Structure Check In (Accountability)**

- Firefighter/Fire Officer ID Number
- Structure Check In Date/Time
- Structure Check Out Date/Time
- **Completion of PAR Check Date/Time**

### **ALL Call Types - Command**

- Command Established Date/Time
  - Command Transferred Date/Time
- Apparatus/Vehicle ID Number in Command
- Situation Found
  - Fire
  - EMS
  - Hazmat
  - Rescue
  - Other