

# **nfirs codes cheat sheet**

## **NFIRS Codes Cheat Sheet**

The National Fire Incident Reporting System (NFIRS) is an essential tool for fire departments across the United States to report and analyze data related to fire incidents. Understanding NFIRS codes is crucial for fire service personnel and others involved in emergency management, as these codes provide a standardized way to classify incidents, ensuring accurate reporting and analysis. This article serves as a comprehensive cheat sheet for NFIRS codes, outlining their significance, structure, and practical applications.

## **Understanding NFIRS**

The NFIRS is a system established by the U.S. Fire Administration (USFA) to collect data about fire incidents. Since its inception, the NFIRS has evolved to accommodate a wide range of incidents beyond just fires, including hazardous materials incidents, rescue operations, and more. The key objectives of NFIRS include:

- Data Collection: Gathering consistent and comprehensive data on fire incidents.
- Analysis: Enabling fire departments to analyze trends, types of incidents, and response effectiveness.
- Resource Allocation: Helping fire departments allocate resources effectively based on incident data.

## **Structure of NFIRS Codes**

NFIRS codes are categorized into several sections, each serving a specific purpose. The main sections include:

- Incident Types: Codes that define the nature of the incident.
- Cause of Ignition: Codes that identify what caused the fire or incident.
- Property Use: Codes that describe the type of property involved in the incident.
- Victim Information: Codes that provide details about any victims involved in the incident.

Each code consists of a unique alphanumeric identifier, which allows for easy categorization and retrieval of information.

## **Incident Types**

Incident types are the foundational codes in the NFIRS system. They classify the nature of the fire or emergency incident. Some common NFIRS incident type codes include:

1. Fire Incidents:

- 100: Fire, Other
- 111: Building Fire
- 112: Cooking Fire, Controlled
- 113: Cooking Fire, Uncontrolled
- 114: Chimney or Flue Fire

#### 2. Non-Fire Incidents:

- 200: Overpressure Rupture, Explosion, Overheat (no fire)
- 300: Rescue and Emergency Medical Services Incident
- 400: Hazardous Condition (No Fire)
- 500: Service Call

These codes are essential for understanding the type of incidents that a fire department responds to and can influence resource allocation and training needs.

## Cause of Ignition Codes

Understanding the cause of ignition is vital for fire prevention efforts. NFIRS provides a detailed set of codes to identify causes. Here are some examples:

#### 1. Accidental Causes:

- 1: Unintentional
- 2: Intentional
- 3: Natural Cause

#### 2. Specific Causes:

- 10: Cooking
- 11: Heating
- 12: Electrical
- 13: Open Flame
- 14: Smoking

These codes help fire investigators determine the origins of fires, enabling them to develop targeted prevention strategies.

## Property Use Codes

Property use codes categorize the type of structure or property involved in an incident. This helps in understanding which types of buildings are most frequently associated with incidents. Examples include:

#### 1. Residential Properties:

- 100: One- or Two-Family Dwelling
- 200: Multi-Family Dwelling
- 300: Hotel or Dormitory

#### 2. Commercial Properties:

- 400: Office Building
- 500: Retail Store
- 600: Warehouse

### 3. Special Properties:

- 700: Industrial
- 800: Educational
- 900: Religious

These codes provide insights into which areas may require more stringent safety regulations and inspections.

## Victim Information Codes

Victim information codes provide critical data regarding the individuals affected by fire incidents. This encompasses both fatalities and injuries. Key codes include:

### 1. Injury Status:

- 1: Fatality
- 2: Injury
- 3: No Injury

### 2. Victim Characteristics:

- 10: Child (under 18)
- 20: Adult (18 and above)
- 30: Senior Citizen (65 and above)

Gathering this data is crucial for understanding the impact of fire incidents on communities and developing effective public safety campaigns.

## How to Use NFIRS Codes

Utilizing NFIRS codes effectively requires understanding their structure and applying them correctly during incident reporting. Below are some essential steps for effective use:

1. **Training:** Fire service personnel should undergo training on how to use NFIRS codes and the importance of accurate reporting.
2. **Incident Reporting:** Each incident must be categorized using the appropriate codes, starting with the incident type, followed by the cause of ignition, property use, and victim information.
3. **Data Analysis:** Departments should regularly analyze the data collected using NFIRS codes to identify trends and areas for improvement.
4. **Feedback:** Fire departments should provide feedback to personnel on the quality and accuracy of their reports, promoting continuous improvement in data collection.

# Benefits of Using NFIRS Codes

The use of NFIRS codes offers numerous benefits for fire departments and the communities they serve:

- Enhanced Reporting: Standardized coding allows for consistent reporting across different jurisdictions.
- Improved Analysis: Departments can analyze incident data to identify trends and patterns, leading to better resource allocation and training.
- Informed Policy-Making: Data collected can inform local and national fire safety policies and regulations.
- Community Awareness: Sharing NFIRS data with the community can raise awareness about fire safety and prevention measures.

## Conclusion

Understanding and effectively using NFIRS codes is essential for fire departments aiming to improve their incident reporting and analysis. By familiarizing themselves with the structure and application of NFIRS codes, fire service personnel can enhance their operations, contribute to community safety, and ultimately save lives. This cheat sheet serves as a quick reference guide to help fire departments navigate the complexities of NFIRS coding, ensuring that they can provide the best possible service to their communities.

## Frequently Asked Questions

### What are NFIRS codes and why are they important?

NFIRS codes are a standardized set of codes used by fire departments to report incidents, including fires, hazardous materials incidents, and other emergencies. They are important for data consistency, analysis, and improving fire prevention strategies.

### Where can I find a NFIRS codes cheat sheet?

You can find a NFIRS codes cheat sheet on various official fire department websites, NFIRS resources, and training materials provided by organizations like the National Fire Protection Association (NFPA).

### How do I use NFIRS codes in fire incident reporting?

To use NFIRS codes in fire incident reporting, you need to identify the appropriate codes that correspond to the nature of the incident, the type of response, and any outcomes. This helps ensure accurate and comprehensive data entry.

## **What is the difference between NFIRS codes and other reporting systems?**

NFIRS codes are specific to fire incidents and provide a standardized method for reporting such events, while other reporting systems may cater to different types of emergencies or incidents, often lacking the specificity required for fire-related data.

## **Are there updates to NFIRS codes that I need to be aware of?**

Yes, NFIRS codes can be updated periodically to reflect new regulations, technologies, and reporting needs. It's essential to stay informed about the latest versions of NFIRS codes through official NFIRS communications or training sessions.

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