



# FIRECARES

DO YOU KNOW YOUR SAFE GRADE?

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## Managing Access and Login to FireCARES

In today's fast changing economy, local government decision makers often alter fire department resources faster than fire service leaders can evaluate the potential impact. These whirlwind decisions can leave a community without sufficient resources to respond to emergency calls safely, efficiently, & effectively. The effects of poor decision making can have even greater impact on vulnerable populations including the elderly, young children, & people with disabilities. FireCARES - Community Assessment, Response Evaluation System is an analytical system designed to evaluate community risk and fire department operational performance using data layers in a geographic-based system.

The FireCARES project, funded by FEMA AFG, will raise the bar for the technical discussion of community hazards and risks and the impact of changes to fire department resource levels. There will be two levels of access to FireCARES, open public access and password restricted access. The details of the information visible at the two levels of access are shown below.

### PUBLIC ACCESS

Features and information available for public access include the following:

- Jurisdiction interactive map features
  - Station list/ locations (USGS Map)
  - Jurisdiction geopolitical boundary (TIGER data/ IAFF GIS)
  - Building footprints (local jurisdictions /Core Logic parcel data)
  - Interactive Call volume heat map (NFIRS)
  - Census track layer (Census)
  
- Community Risk Assessment Scores (all hazard levels - calculated)
  - Risk of Fire
    - By community / by hazard level
    - By census tract / by hazard level
  - Risk of Fire Spread
    - By community / by hazard level
    - By census tract / by hazard level
  - Risk of Death and Injury
    - By community / by hazard level
    - By census tract / by hazard level

- Jurisdiction Summary Description
  - Department Type (USFA)
  - NFPA Region (NFPA)
  - FDID (USFA/NFIRS)
  - State
  - Phone/Fax (USFA Census)
  - Website link
  - Population Protected (Census)
  - Community Size (Census)
  - Station List (USGS Map/ Local FD)

### **LOGIN REQUIRED ACCESS**

Features and information available behind login include the following.

- Interactive Map
  - Parcels with attributes (Core Logic)
  - Structure count
    - By community/ hazard levels
    - By census tract /hazard levels
- Fire Department Performance Score - (calc)
  - Differential in Standard Time button - (calc)
  - Gauge with comparable department score range (calc)
  - Score by hazard level - filter (low, med, high)
- Safe Grade(s)–
  - Fire Risk (Comparable Departments)
  - Fire Spread (Comparable Departments)
  - Death/Injury from Fire (Comparable Departments)
  - Fire Risk (National Comparison)
  - Fire Spread (National Comparison)
- Station detail
  - Apparatus
  - Staffing
  - Map
  - First due area (Local FD)
  - GIS service map (IAFF GIS)
  - Call volume heat map (NFIRS)
- Predicted Outcomes (Calc)
  - Actual
  - Predicted
    - Beyond room
    - Beyond floor
    - Beyond structure

- **Death and Injuries**
  - **Actual**
  - **Predicted**
- **Interactive Dashboard- dynamic updates with data updates**
- **Local Department Data Assets Added**
  - **Inspection Data**
  - **Geographic assets**
  - **GIS Reports**
  - **Consultant Reports**
  - **Other**

### **LOGIN PERMISSIONS**

**For Career or Combination Departments, login credentials will be provided to the fire chief, the local union president and/or their designees.**

**For Volunteer Departments, login credentials will be provided to the fire chief or his/her designee.**

First-time users will go to [www.firecares.org](http://www.firecares.org) and click on the login button. The login opening screen will require the name, email address, login username and password. Following entry of these attributes, the user will click the “login” icon and be sent for immediate authentication. Upon authentication, authorization will be given and the user will be logged into FireCARES.

Upon initial login, a disclaimer, permissions statement, and accompanying site orientation will begin. These items must be viewed, read, and acknowledged before the user is allowed to proceed. This portion cannot be skipped and will clearly explain the responsibility of a FireCARES user. An “agree” icon must be clicked before proceeding to the login template. Subsequent logins will proceed directly to the FireCARES page.

An authenticated user (Chief and/or the local union president) can provide login authority to others in their department as they deem necessary and appropriate, but must keep a record of those authorized. To provide login authority, the Chief and/or local union president will provide a list of eligible emails to FireCARES administration. Upon receipt, logins will be created for each email provided.

To minimize logins being shared, a robust password must be implemented upon registration. Changing passwords on 90 day cycles is strongly encouraged but will not initially be required.

**Researchers and/or National Organization Leaders may request login via the website.**

Upon entering the require credentials, a login username and password will be provided. Each login will launch a disclaimer and permissions statement. These items must be read and acknowledged before the user is allowed to proceed. This portion cannot be skipped and should clearly explain the responsibility as a FireCARES user. An “agree” icon must be clicked before proceeding to the login page.

To minimize logins being shared, a robust password must be implemented upon registration. Changing passwords on 90 day cycles is strongly encouraged but will not initially be required.