

# Memorandum



DATE: September 5, 2014

TO: Honorable Members of the Public Safety Committee:  
Sheffie Kadane (Chair), Adam Medrano (Vice-Chair), Dwaine Caraway, Jennifer S. Gates,  
Sandy Greyson, Scott Griggs

SUBJECT: **Why Adopt the 2012 Fire Code?**

On Monday, September 8, 2014, you will be briefed on the Why Adopt the 2012 Fire Code. The briefing materials are attached for your review.

  
Charles M. Cato  
Interim Assistant City Manager

## Attachment

cc: Honorable Mayor and Members of the Dallas City Council  
A.C. Gonzalez, City Manager  
Rosa A. Rios, City Secretary  
Warren M. S. Ernst, City Attorney  
Craig D. Kinton, City Auditor  
Daniel F. Solis, Administrative Judge  
Ryan S. Evans, First Assistant Manager  
Jill A. Jordan, P. E., Assistant City Manager  
Mark McDaniel, Assistant City Manager  
Forest E. Turner, Assistant City Manager  
Joey Zapata, Assistant City Manager  
Theresa O'Donnell, Interim Assistant City Manager  
Jeanne Chipperfield, Chief Financial Officer  
Sana Syed, Public Information Officer  
Elsa Cantu, Assistant to the City Manager – Mayor & Council

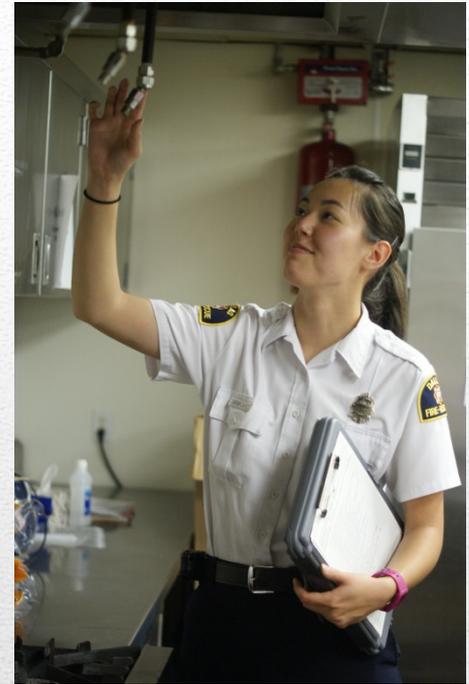
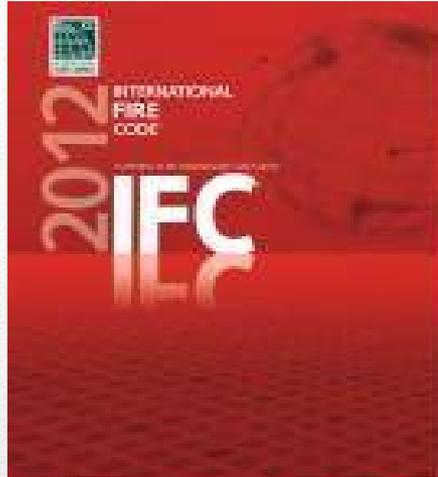
# Why Adopt the 2012 Fire Code?



**Public Safety Committee**

September 8, 2014





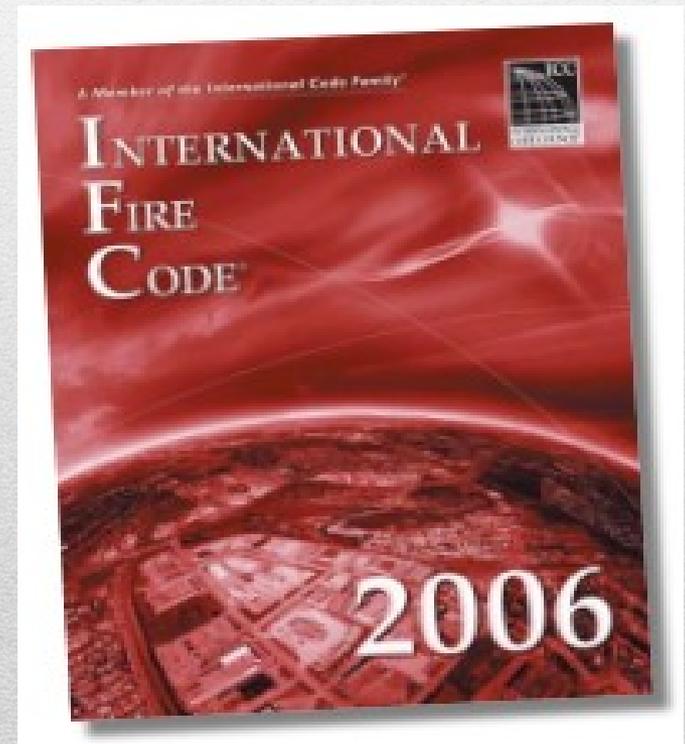
To be the best trained, technologically advanced, customer-focused fire service organization in the country.

Dallas Fire Rescue Vision Statement

# The 2007 Dallas Fire Code

Based on the 2006 International Fire Code (IFC) with local amendments

- Adopted on June 13, 2007
- Effective on June 16, 2007
- Several addendums to adjust fees and other miscellaneous changes through the years



# 2012 IFC Committee Discussions

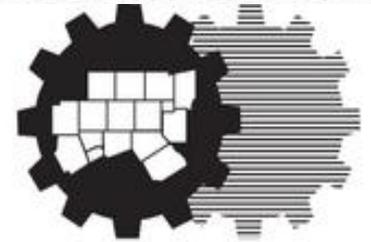
## Internal Committee Discussions

- June 25, 2010
- August 7, 2012

## North Central Texas Council of Governments (NCTCOG) meetings

## Interagency Discussions

- Building Inspections Staff
- Building Inspections Plan Reviewers



North Central Texas  
Council of Governments



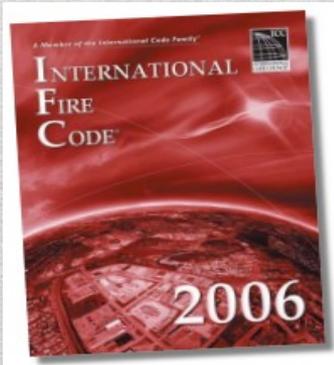
# Why Adopt the 2012 Fire Code?

Major changes occurred between the 2006 IFC and the 2012 IFC

Internal City Audit Recommendation

- Report #A12-005, December 10, 2012

Building Inspections adopted the 2012 IBC on September 24, 2013 and effective November 1, 2013



# Highlights

## Section 307.4.3 Portable Outdoor Fireplaces:

- Shall not be operated within 15 feet (3048 mm) of a structure or combustible material
- Exempt for one-and two-family dwellings and on sprinklered decks and balconies



# Highlights

## Section 403.3 Crowd Managers:

Trained crowd managers shall be provided for all facilities or events where more than 1,000 persons congregate

- One manager per every 250 persons
- Flexibility is allowed based upon the nature of the special event and the fire protection



# Highlights

## Section 506.6 Key Set Arrangements:

- Three (3) sets of emergency access keys are required for fire department use in Knox box for all high-rise buildings
  - Stairway keys
  - Roof access keys
  - Mechanical/electrical room keys
  - Sprinkler/standpipe keys
  - Elevator keys
  - Special access (fire alarm panel)



# Highlights

## **Section 508 Fire Command Center:**

This section requires high rise buildings to provide an approved Building Information Card so important information is provided during emergency situations



# Highlights

## Section 509.1.1 Utility Identification:

- Gas shutoff valves
- Electric meters
- Service switches and other utility equipment readily visible and shall be maintained



# Highlights

## Section 510 Emergency Responder Radio Coverage:

- Radio signal strength coverage must be provided for 95% of all high rise buildings
- Minimal signal strength must be  $-95$  dBm (decibel milliwatt)
- FCC approved amplification systems and signal boosters are required



# Highlights

## Section 901.4.6 Pump and Riser Room Size:

- Requires sufficient room for inspections, repairs and maintenance

## Section 901.9 Discontinuation or Change Service:

- Notice shall be made to the office of the Fire Marshal whenever:
  - Terminated for any reason
  - A change in the alarm monitoring provider
  - Prior to the service being terminated



# Highlights

## Section 903.2 Automatic Sprinkler System Exception:

- Allows sprinklers to be omitted for elevator control areas, machine rooms and non-sprinklered shafts



# Highlights

## Section 907.2.3 Educational Occupancy:

- A manual fire alarm system and automatic fire detection
- Emergency voice/alarm communication system
  - Occupant load of 30 or more
  - Professionally engineered
  - All buildings within 100 feet of main school building to be included



# Highlights

## Chapter 11 Construction Requirements for Existing Buildings Addresses:

- Fire Safety
- Means of Egress
- Outdoor Operations



# Questions?

