The logo is a large, semi-transparent octagonal emblem. It features a central circular seal with a landscape scene, surrounded by the text "CAMBRIA COMMUNITY SERVICES DISTRICT" and "1976". The words "CAMBRIA" and "FIRE" are written in large, bold letters across the top and bottom of the octagon, respectively. A caduceus symbol is visible on the left side of the octagon.

Firefighter  
Staffing Level Review  
Cambria CSD  
Fire Department

## DISCUSSION

- 4 - person vs. 3 - person engine company constant staffing model

1 Captain

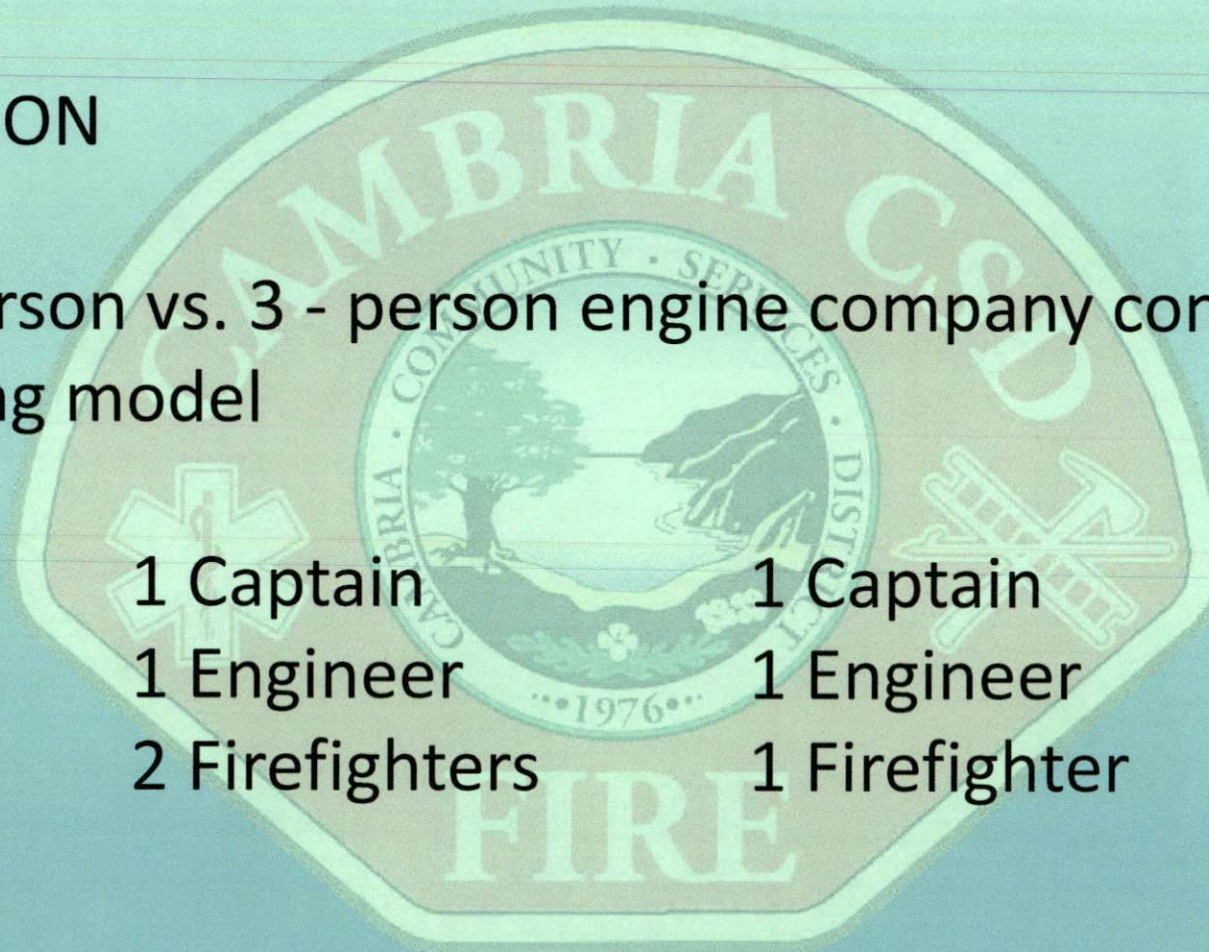
1 Engineer

2 Firefighters

1 Captain

1 Engineer

1 Firefighter



## SELF ASSESSMENT

- NFPA 1710 – Standard for Organization of Fire Departments
  - Accreditation through CPSE (Center for Public Safety Excellence)
    - Comprehensive quality improvement model
    - Leads to higher efficiency
    - 239 accredited agencies out of 27,198 in U.S.
    - Lengthy process with great commitments
    - About \$13,000 initial and \$1,000 every year

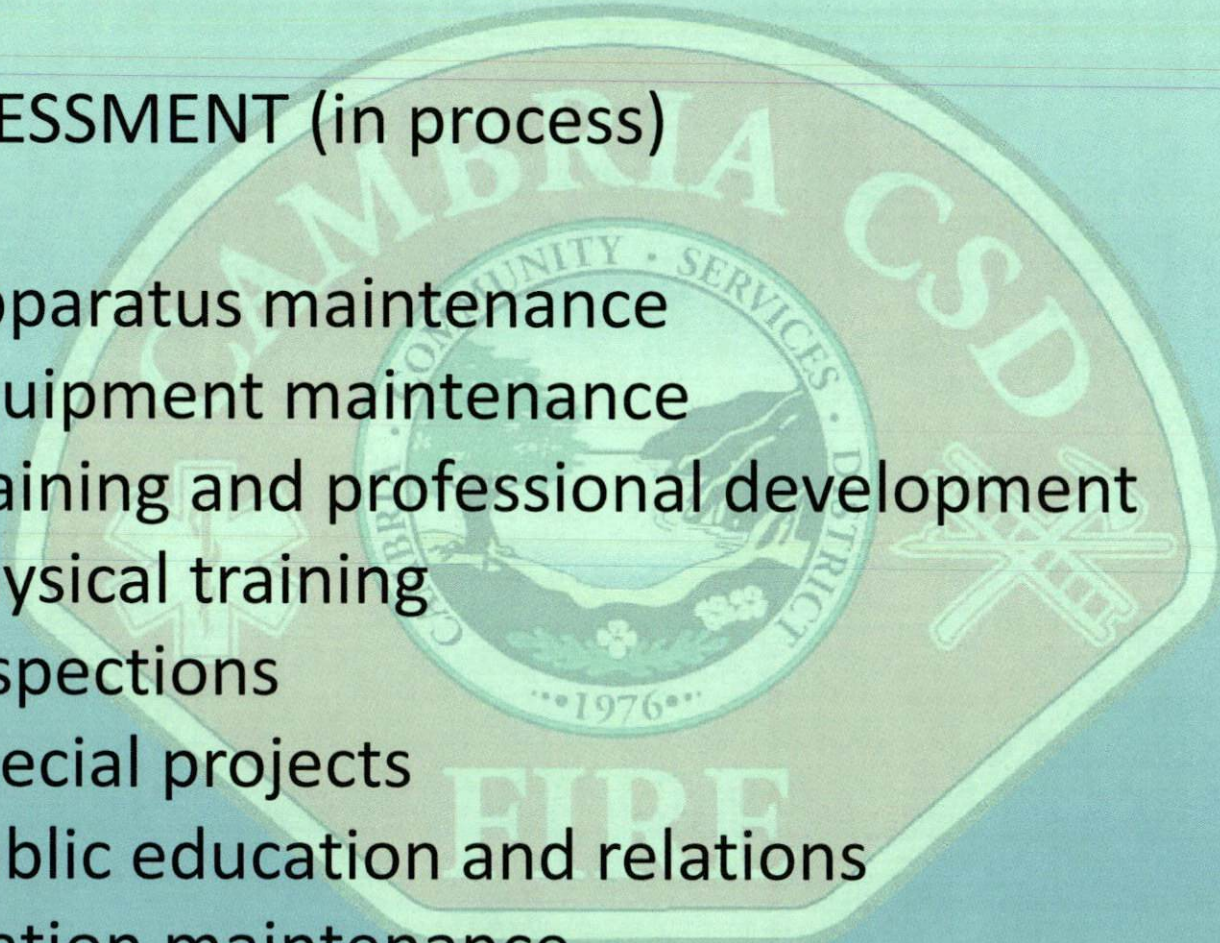
## SELF ASSESSMENT

- Detailed evaluation
- Identifies areas of strength and weakness
- Creates systems for addressing deficiencies
- Encourages professional growth
- Creates a mechanism for developing strategic plans



## SELF ASSESSMENT (in process)

- Apparatus maintenance
- Equipment maintenance
- Training and professional development
- Physical training
- Inspections
- Special projects
- Public education and relations
- Station maintenance
- Cleaning



## SELF ASSESSMENT (in process)

- Mission

Tutela, Praevenio, Patronus Muneris  
*(Protection, Prevention, Customer Service)*

- Vision

We bring the highest level of service to the community of Cambria. We regard our citizens, neighbors and guests with dignity and respect. We develop leaders at all levels of the Department through education, training, and high ethical standards.

# ANNUAL REPORT



## CAMBRIA CSD FIRE DEPARTMENT ANNUAL REPORT 2009 / 2010

### CHIEF'S CORNER

#### Greetings

We are excited to share the publication of the Cambria CSD Fire Department 2009/2010 Annual Reports with you. Our personnel are honored to serve the community and continue to provide the highest level service to our citizens in Cambria. These reports will summarize and provide a snapshot of our activity over the last two years and I'm sure you will agree that the content reflects the dedication and commitment of our personnel.



The years of 2009 and 2010 were unprecedented in terms of fiscal uncertainty and challenges for the country, community and the fire service. The old mantra of "doing more with less" became extremely relevant as we found our organization challenged to maintain our levels of service. I am extremely proud of our personnel for maintaining the tenacity and commitment to continuously maintain and improve our professionalism and the product we provide to the community. With improved creativity and utilization of grant funding, the Cambria CSD Fire Department has not only persevered but also found that these have been some of our most productive years.

In January of each year, Fire Department staff meets to identify goals and objectives and establish a work plan for the upcoming year. Action items to improve Fire Department operations are identified and outlined to provide a roadmap for the direction of our organization. In 2009 and 2010, the personnel of the Cambria CSD Fire Department continued to work toward their many goals and objectives and raised the bar of excellence in spite of significant personnel and operational budget cuts.

The Cambria CSD Fire Department will remain committed to its mission of provide service to the community and looks forward to a productive 2011 and 2012. It is part with the community we serve and an honor to lead such a committed and quality.

Mark P. Miller, Fire Chief

#### M

"Committed to protecting the quality of life to the community by providing e and protection of life, prop

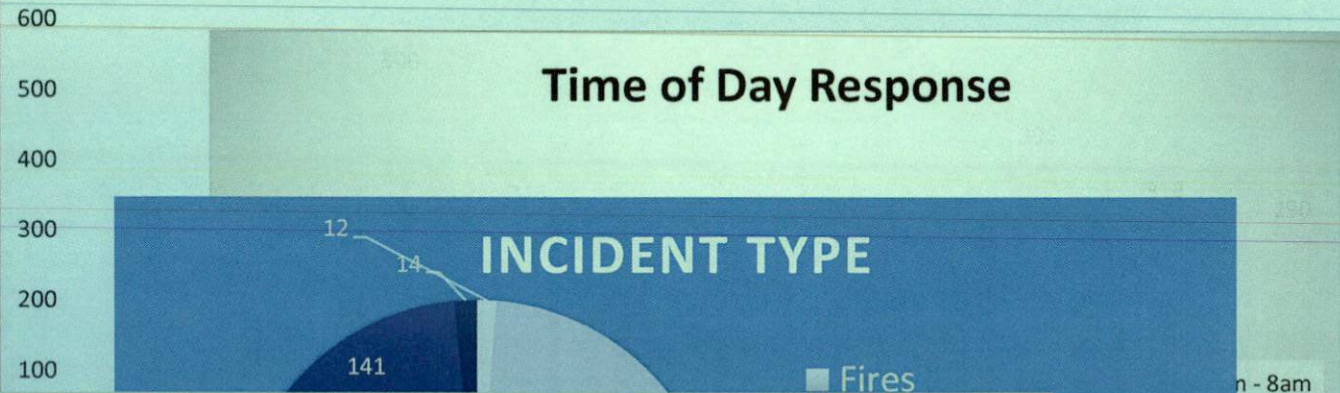
#### DEI

Cooperation	Communication, Te
Integrity	N
Professionalism	Commitment i
Responsibility	Accountability, Ma
Dedication	Pa
Trustworthiness	Dependab

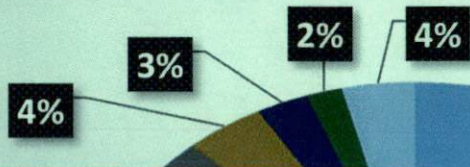
## TRAINING HOURS

Staff Report 6.B. PowerPoint Attachment

### Time of Day Response

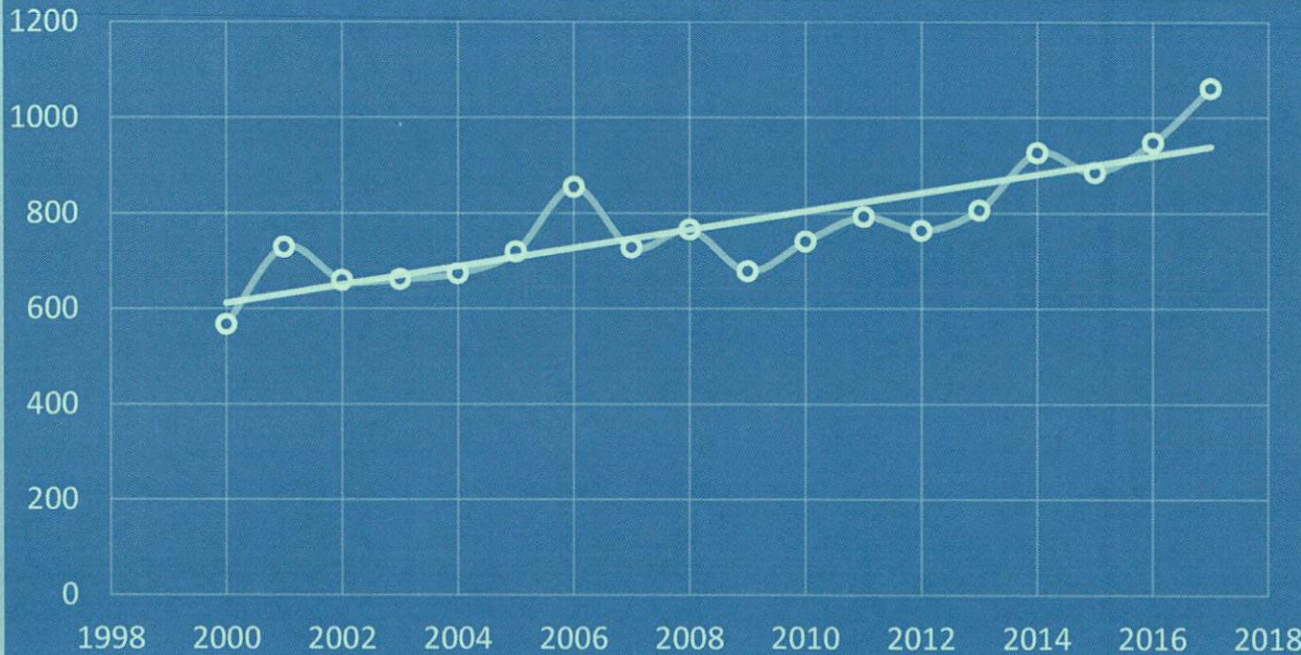


### Response Areas



- Lodge Hill West
- Lodge Hill East
- Happy Hill
- Leimert
- Moonstone
- Park Hill
- Pineknolls
- Highway 1
- Main Street

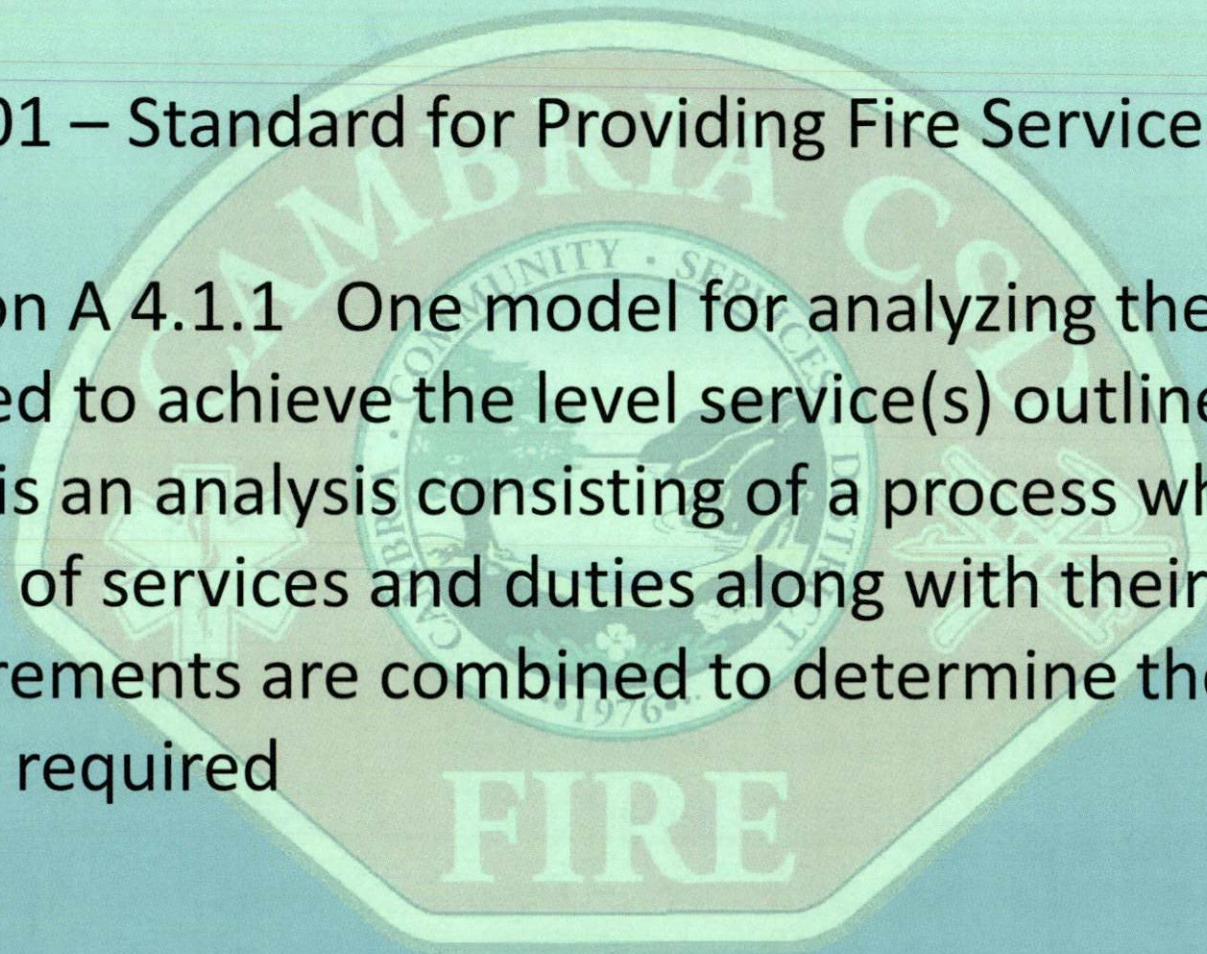
## CALL VOLUME





## NFPA 1201 – Standard for Providing Fire Services to Public

- Section A 4.1.1 One model for analyzing the personnel needed to achieve the level service(s) outlined within 4.1.2 is an analysis consisting of a process where the scope of services and duties along with their time requirements are combined to determine the total hours required



## SELF ASSESSMENT (in process)

- **CORE VALUES**

**Commitment.** Dedicated to excellence in service.

**Accountability.** Upholding fiscal responsibility and the public's trust.

**Morale.** Promoting a spirit of community, teamwork and brotherhood.

**Benevolence.** Performing our duties with compassion for others.

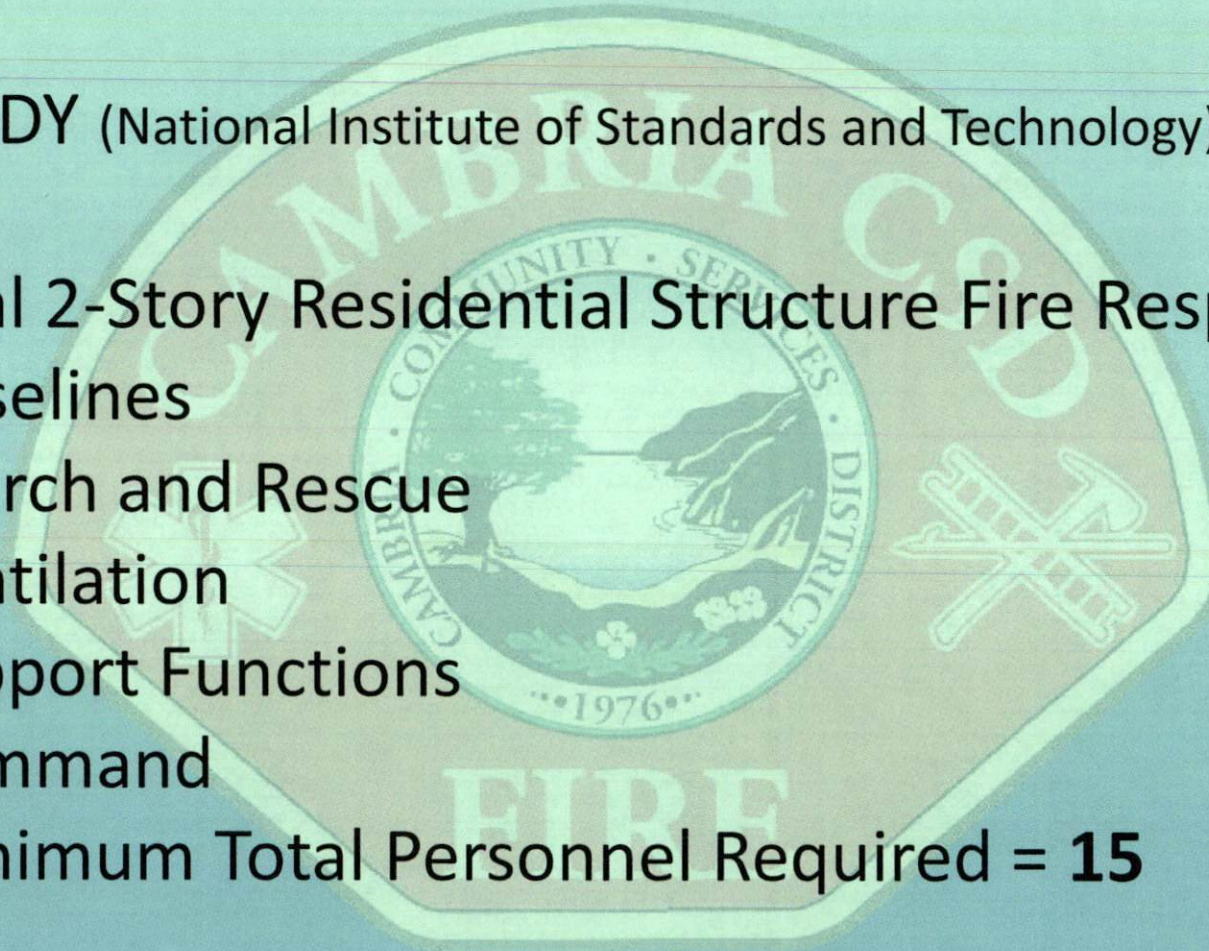
**Respect.** Honoring the traditional values of the Fire Service.

**Integrity.** Holding our self to high standards both on and off duty.

**Achievement.** Achieving what others deem impossible.

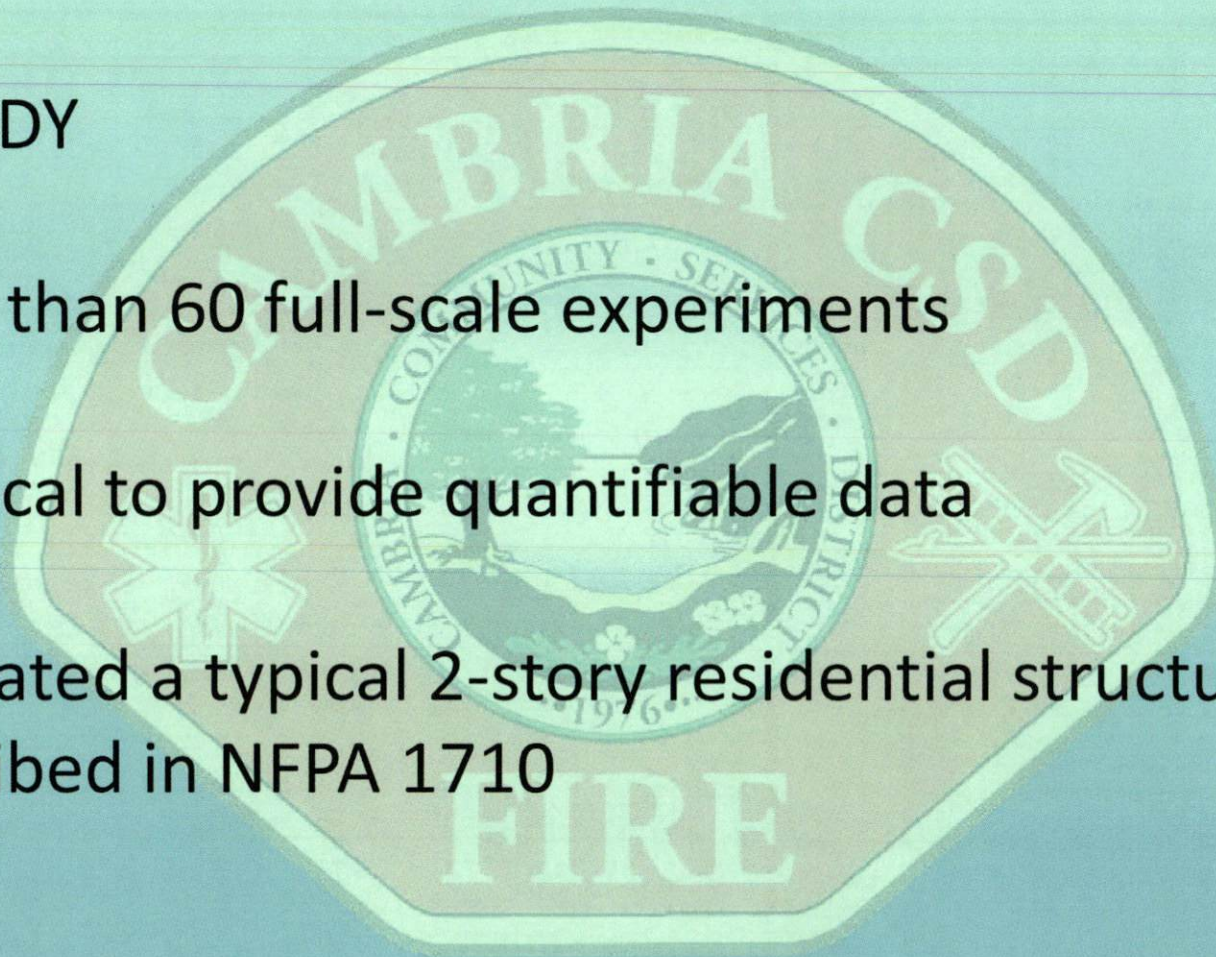
## NIST STUDY (National Institute of Standards and Technology)

- Typical 2-Story Residential Structure Fire Response
  - Hoselines
  - Search and Rescue
  - Ventilation
  - Support Functions
  - Command
  - Minimum Total Personnel Required = **15**

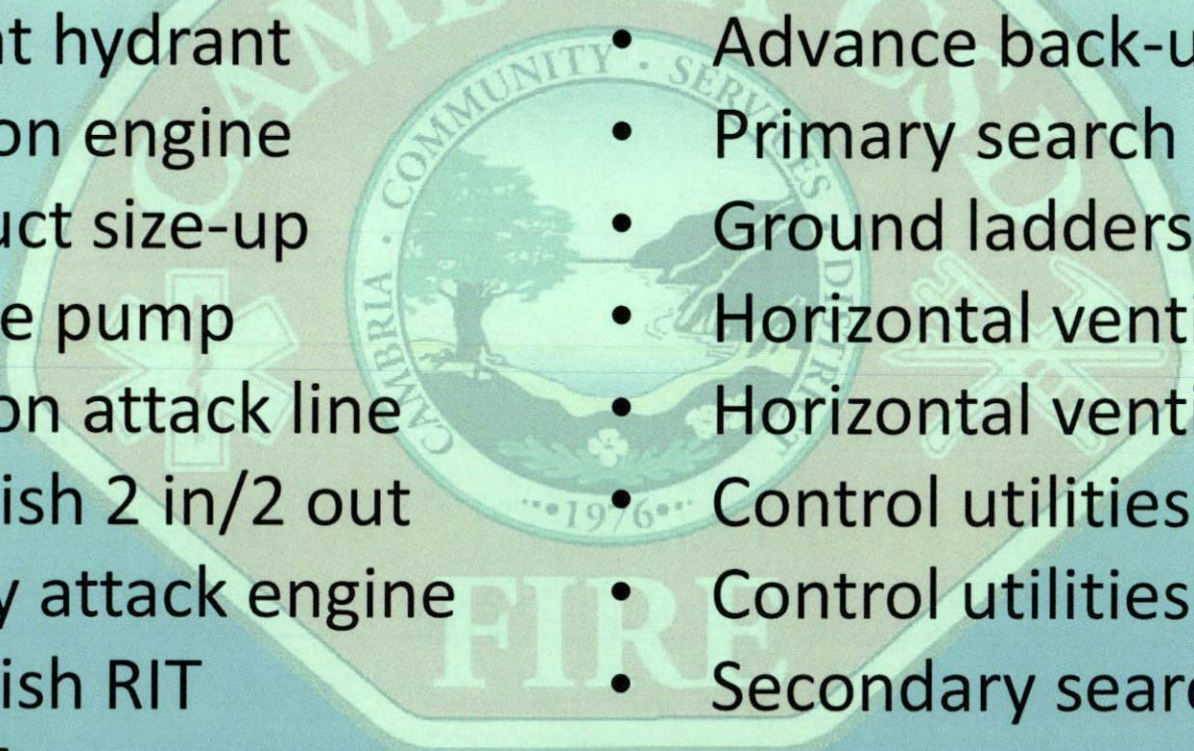


## NIST STUDY

- More than 60 full-scale experiments
- Identical to provide quantifiable data
- Simulated a typical 2-story residential structure fire as described in NFPA 1710



## NIST – 22 MILESTONE TASKS ON A FIRE SCENE

- 
- The logo for the Cambridge Community Services Department Fire is a circular seal. It features a central illustration of a tree and a building. The text around the seal reads "CAMBRIDGE COMMUNITY SERVICES DEPARTMENT" and "1976". The word "FIRE" is written in large letters across the bottom of the seal.
- Stop at hydrant
  - Position engine
  - Conduct size-up
  - Engage pump
  - Position attack line
  - Establish 2 in/2 out
  - Supply attack engine
  - Establish RIT
  - Gain/force entry
  - Advance attack lines
  - Advance back-up lines
  - Advance back-up lines
  - Primary search
  - Ground ladders
  - Horizontal ventilation - 1
  - Horizontal ventilation - 2
  - Control utilities - in
  - Control utilities - out
  - Secondary search
  - Fire extension – walls
  - Fire extension – ceiling
  - Mechanical ventilation

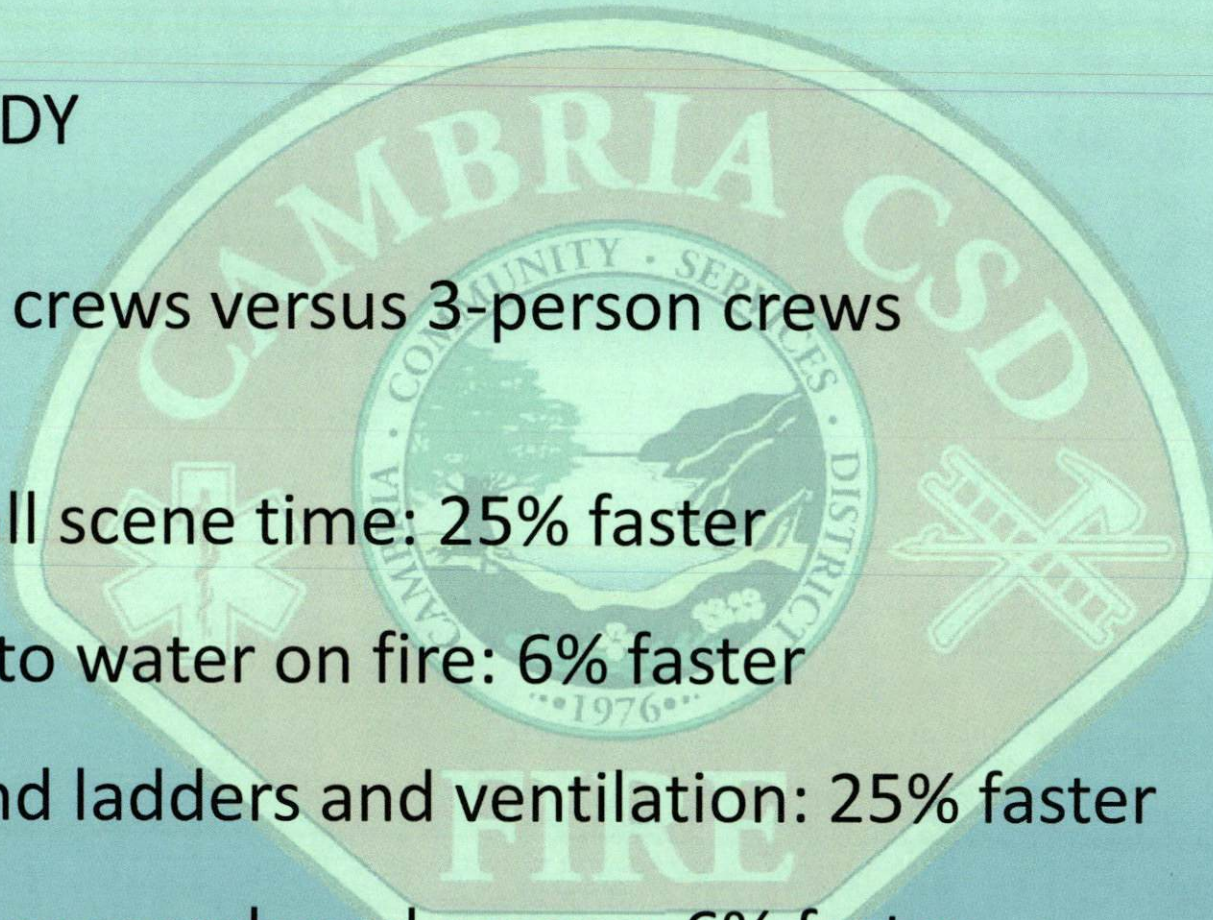
# NIST STUDY

Milestone Tasks	3-Person Crew Start Time	4-Person Crew Start Time	Time Difference	3-Person Crew Duration	4-Person Crew Duration	Time Difference
Ventilation time	11:32	8:48	2:44	7:01	4:42	2:19
Advance attack lin	5:39	5:39	0:00	3:36	3:02	0:34
Advance back-up line	8:35	8:08	0:27	2:58	2:46	0:12
Primary search	9:10	8:47	0:23			
Laddering time	8:44	7:14	1:30	9:35	7:31	2:03

## NIST STUDY

### 4-person crews versus 3-person crews

- Overall scene time: 25% faster
- Time to water on fire: 6% faster
- Ground ladders and ventilation: 25% faster
- Primary search and rescue: 6% faster
- Hose stretch time: 19% faster



## ADDITIONAL BENEFITS OF 4 PERSON STAFFING

- Consistently meet OSHA 2 in/2 out standard
- Improved automatic and mutual aid response
- Third person medical attendant
- Meets Grand Jury recommendation
- Meets MJHMP recommendation
- Safety maintenance projects
- Expanded FHFRRP
- Allows for more aggressive firefighting tactics
- Greater potential for property preservation
- Helps maintain ISO 4/4x classification
- Administrative Assistant and Fire Marshal positions



## CONCLUSION

- Department recommends 4 – person engine company
- The CCSD Board of Directors and public have the right to determine the level of service
- Safety will not be compromised due to level of staffing
- Expectation to meet the needs for emergency response as we move forward

