

# Property Insurance Association of Louisiana

## 2018 LFCA Conference

### ISO's New Fire Suppression Rating Schedule

Data and Observations After One Year of Use in Louisiana

# History

- 2010 – ISO Began Drafting an Updated FSRS
- 2011 – PIAL Began Reviewing ISO's Draft FSRS
- 2011 – PIAL's Advisory Committee Began Drafting a New LA Addendum in Anticipation of PIAL's Executive BOD Approving Migration to the new FSRS
- 2012 – ISO Copyrighted their New FSRS
- 2013 – PIAL's Executive BOD Approved Migration to the New FSRS
- 2013 – PIAL Executed a Communications Plan to Educate Fire Chiefs, Communications Directors, Water System Managers and Municipal Officials Through LFCA Conferences, APCO/NENA Symposiums, LMA Conferences, Regional LFCA Classes, & Individualized PGAPs
- 2017 – PIAL Began Using the New FSRS and LA Addendum to the FSRS

# How to get your FREE copy of ISO's NEW FSRS & PIAL's LA Addendum to the FSRS

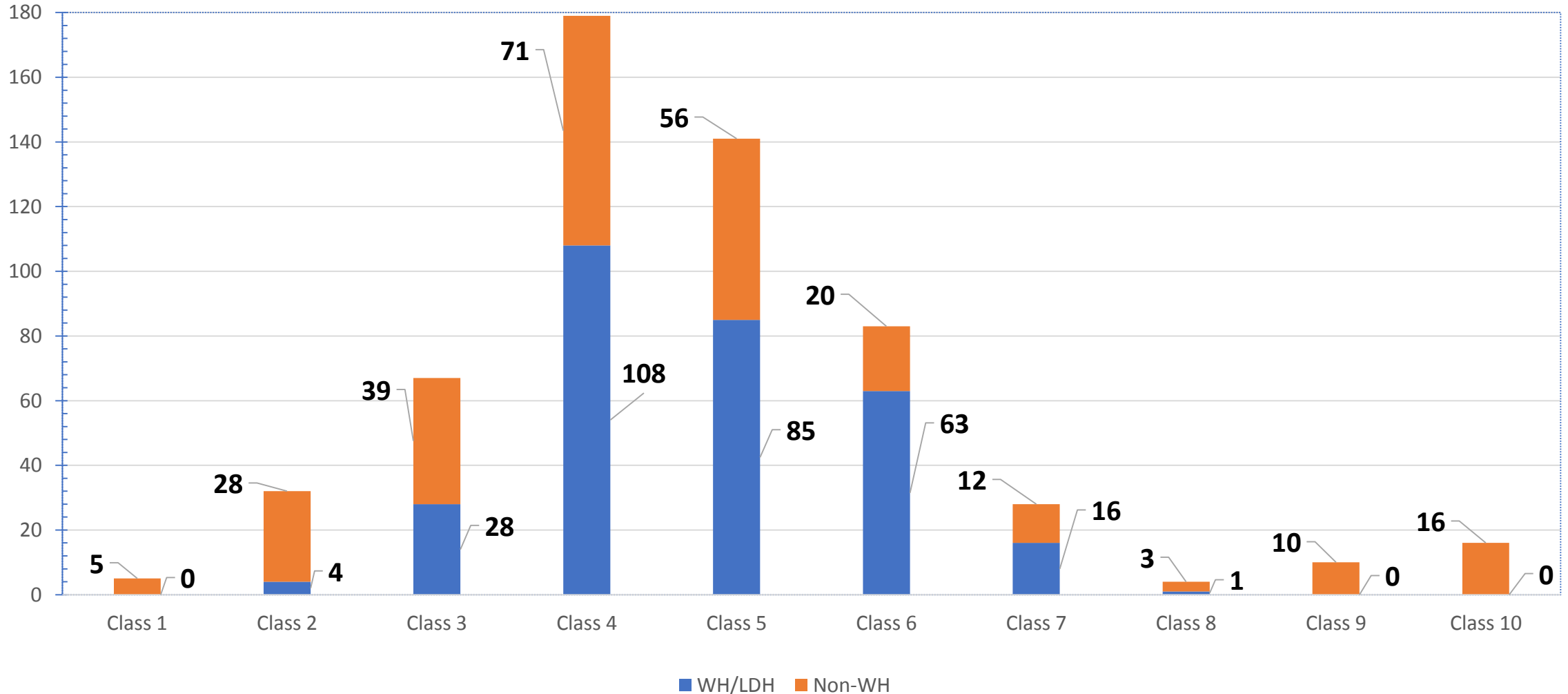
- ❑ Only FIRE CHIEFS may request a free copy of the FSRS. Simply submit (via e-mail only) an ATTACHED request letter written on fire department letterhead to Blaine Rabe` at [brabe@pial.org](mailto:brabe@pial.org) . The body of the letter must contain the chief's email address. PIAL will validate the requestor's status as Fire Chief and forward the request to ISO. ISO will email you a copy of the schedule.
- ❑ LA Addendum: Available as a free .pdf file that may be downloaded from the PIAL.org website. Departments without internet access may obtain a free printed copy of the LA Addendum by contacting (in writing), Blaine or any other Municipal Field Representative at their e-mail address.

# Other Documents of Interest

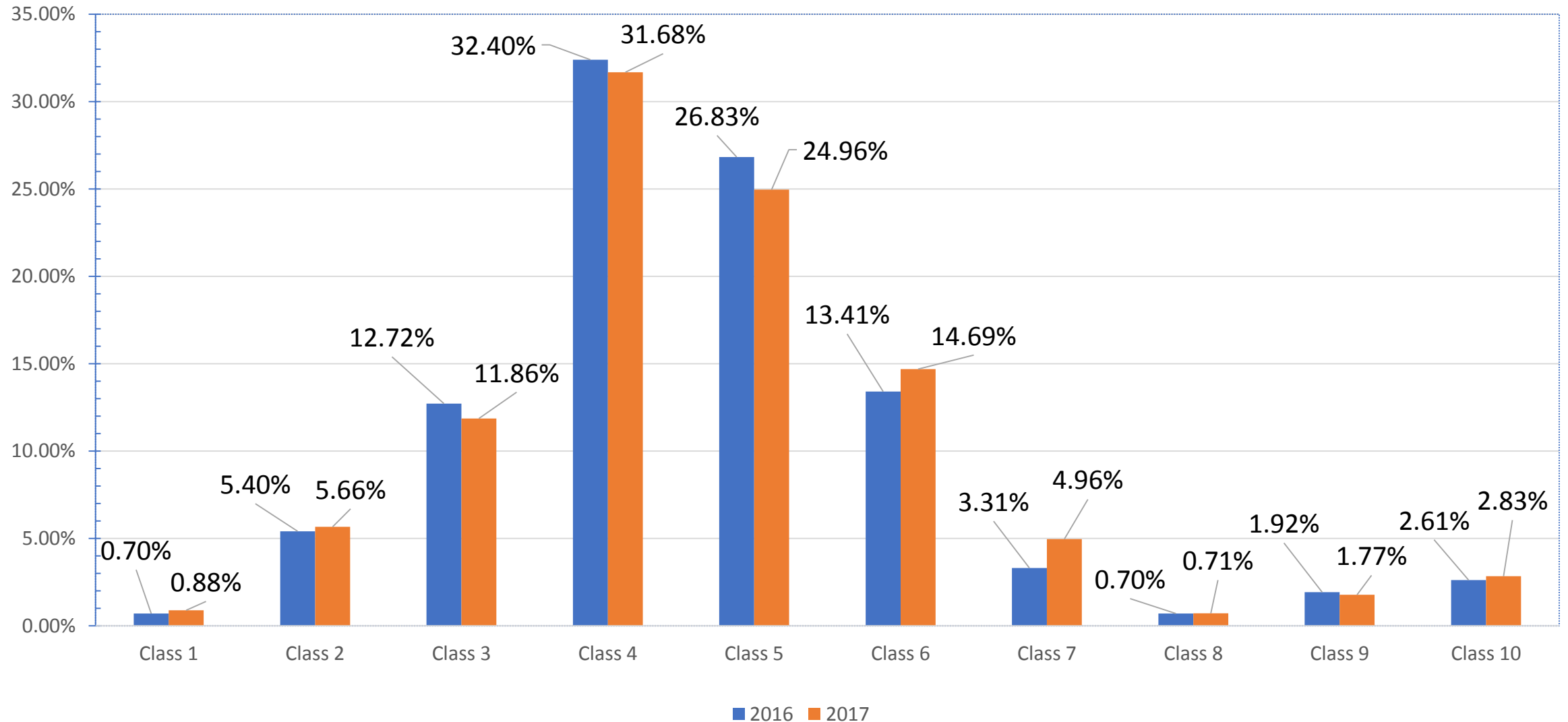
- NFPA Codes
- APCO Reference Publications
- American Water Works Association (AWWA) Manuals 17 & 32

# 2017 State-Wide Classifications

WH/LDH vs Non-WH/LDH



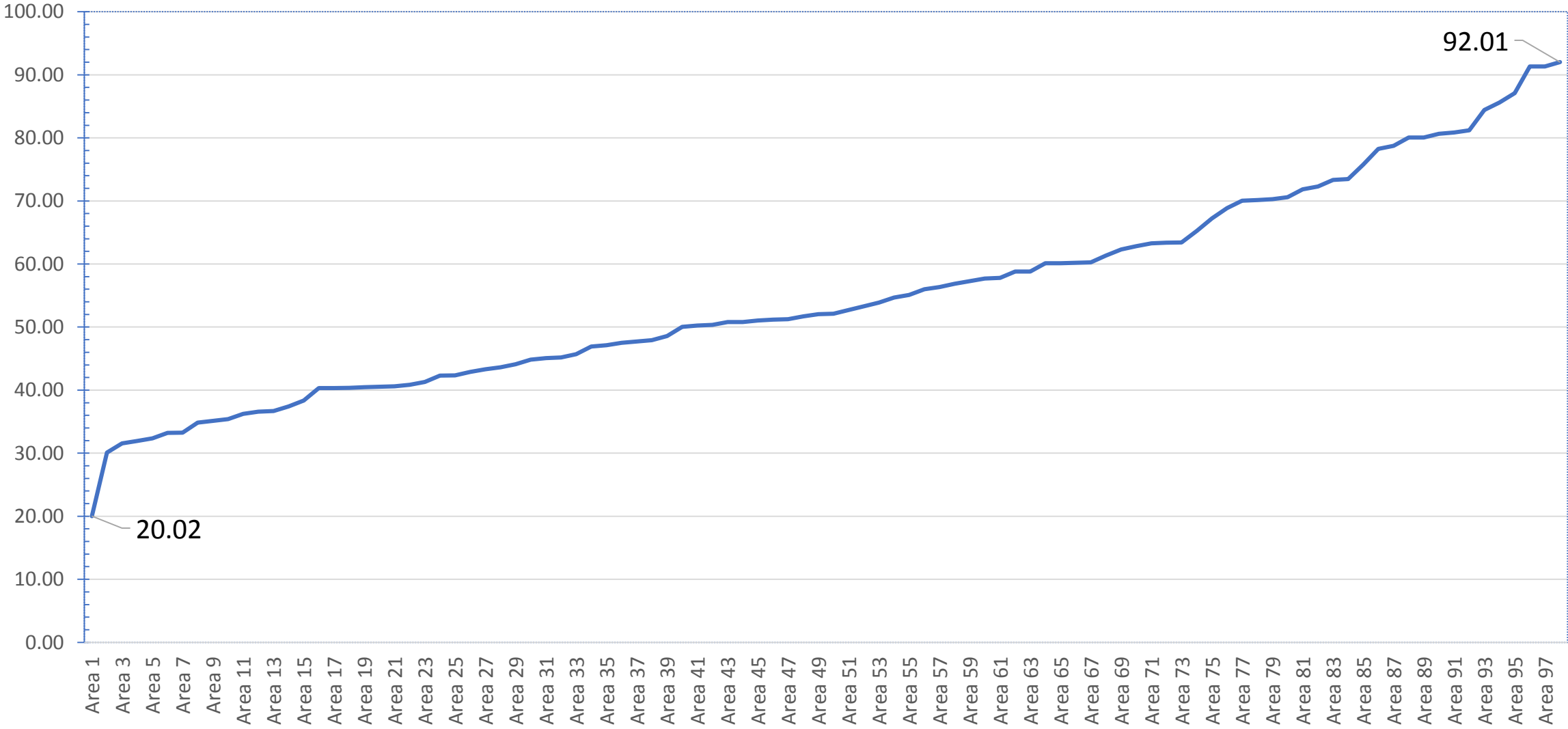
# Annual State-Wide Classification Comparison



# What Caused the Shift?

- New Schedule
  - Awareness
    - Have Chiefs Attended LFCA Pre-Conference or Regional Presentations?
    - Have Chiefs Attended a Personalized PGAP Consultation?
      - Free of charge...contact PIAL for a personal one-on-one consultation
  - Knowledge of Requirements
    - NFPA
    - APCO
    - AWWA M-17 & M-32
    - FSRS
    - LA Addendum

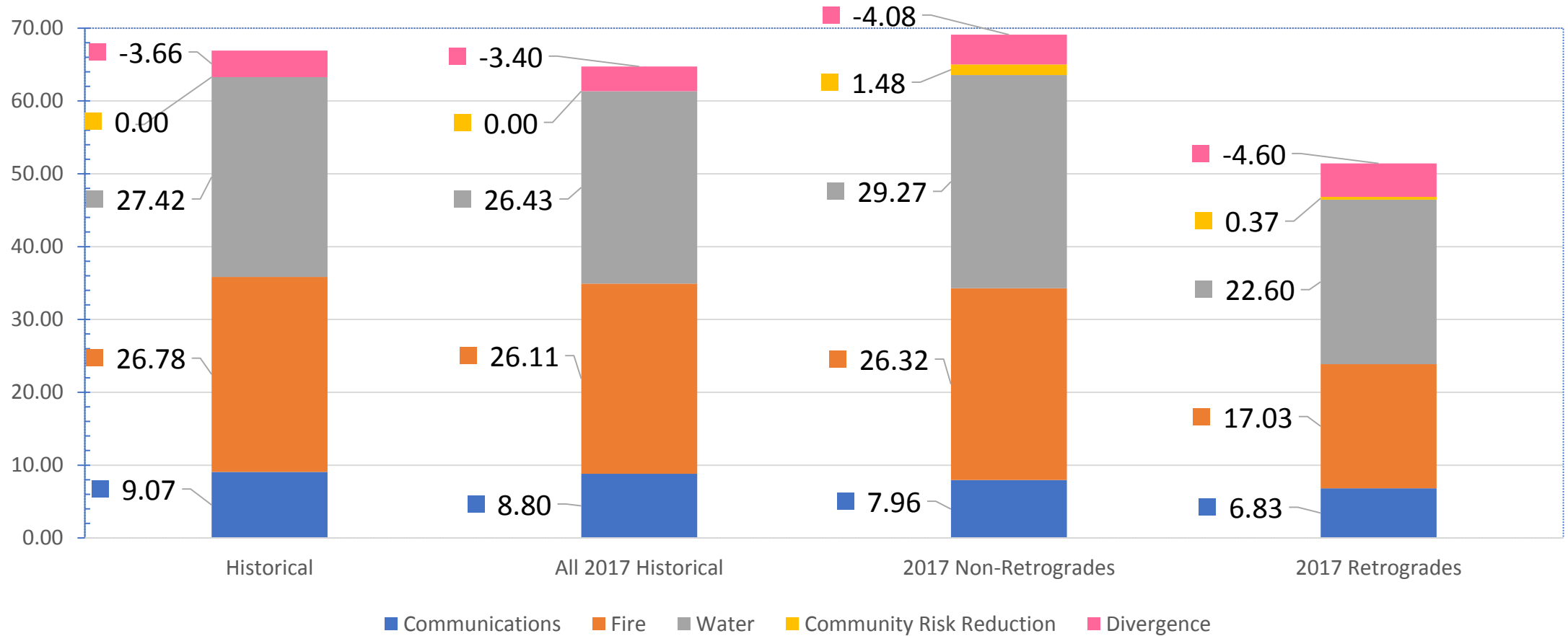
# 2017 Range of Total Credit Earned (Class 1-8)





# Credits Earned – Class 1-8 Areas

2017 Compared to Historical (2012-2016) Results



# Communications

# Changes to Communications

- Communications (10 points)
  - Section 410 – Credit for Emergency Reporting (Formerly Called Credit for Telephone Service)...Increased from 2 points to 3 points
  - Section 420 – Credit for Telecommunicators (Formerly Called Credit for Number of Needed Operators)...Increased from 3 points to 4 points
  - Section 430 – Credit for Dispatch Circuits...Decreased from 5 points to 3 points

# Changes to Communications

(Section 410)

- Section 410 –Emergency Reporting (Formerly Called Credit for Telephone Service)
  - The Old Schedule Looked at:
    - # of Incoming Lines vs Population, Adequacy of Telephone Directories, and Availability of a Call Recording Device
  - The New Schedule Looks at Technology Available for Receiving and Handling Emergency Calls:
    - Basic vs Enhanced 9-1-1 Service
    - Phase I and/or II Wireless Functionality
    - Static and/or Nomadic VoIP Functionality
    - Basic CAD
    - CAD With Management Information Systems
    - CAD With Interoperability
    - AVL/GIS Functionality

# Changes to Communications

(Section 420)

- Section 420 – Telecommunicators (Formerly Called Credit for Number of Needed Operators)
  - The Old Schedule Looked at:
    - # of Operators Based on a Call Volume Matrix or Call Detail Reporting
  - The New Schedule Looks at:
    - The # of Telecommunicators required to meet NFPA Call Receipt and Processing standards vs # of Telecommunicators on duty
    - Use of Emergency Dispatch Protocols for the Fire Service
    - Telecommunicator Training and Certification
    - Telecommunicator Continuing Education and Quality Assurance Programs

# Changes to Communications

(Section 430)

- Section 430 – Dispatch Circuits

- The Old Schedule Looked at:

- Types of Dispatch Circuit (Radio, Pager, Landline, etc...)
    - Monitoring For Integrity
    - Dispatch Recording
    - EPSS Types

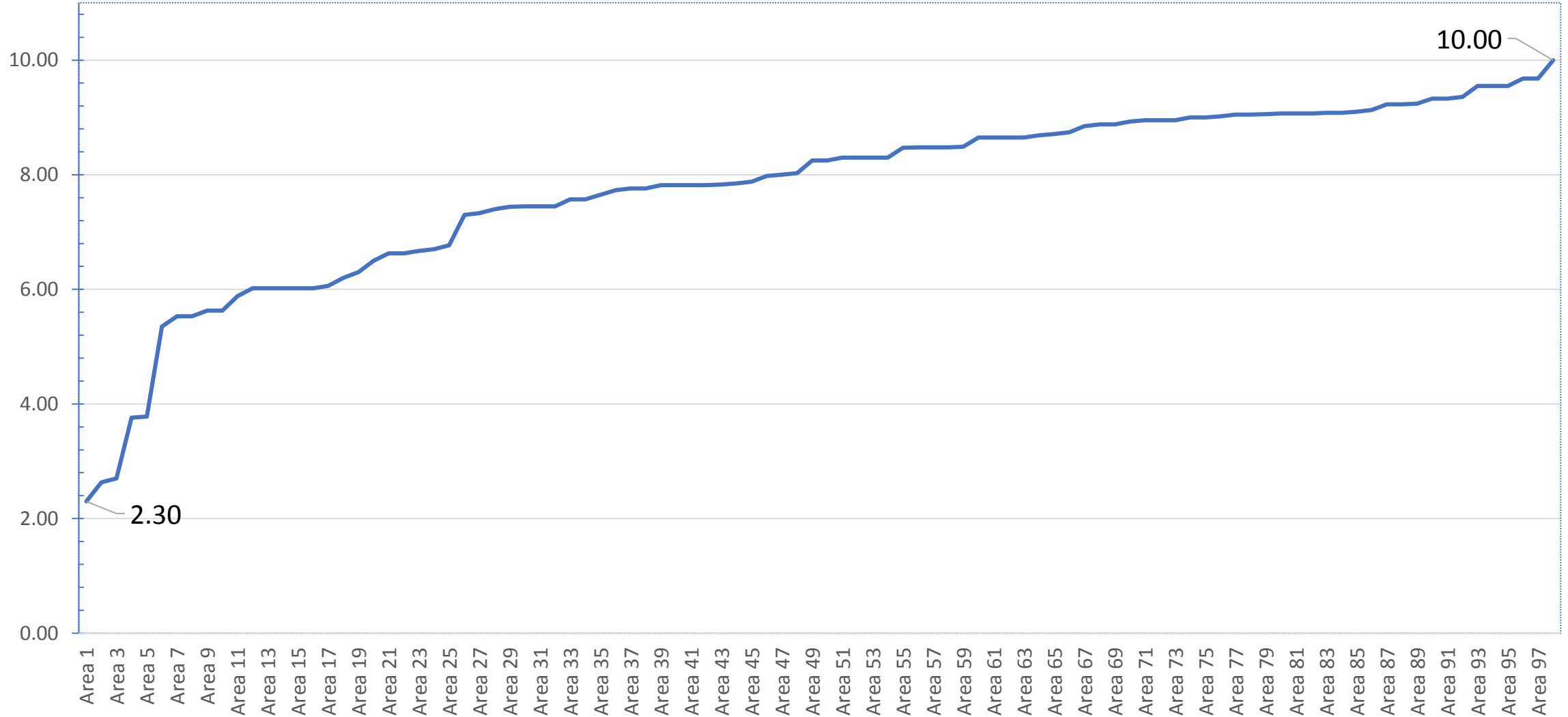
- The New Schedule Looks at:

- The Same Things...plus...

- Added credit for using Alphanumeric Paging System NOT owned by the AHJ as a secondary dispatch circuit (50% credit)
      - Added credit for using UPS Systems with Auto-and Manual-start Generator Systems
      - Credit for recording dispatches was eliminated

# Questions???

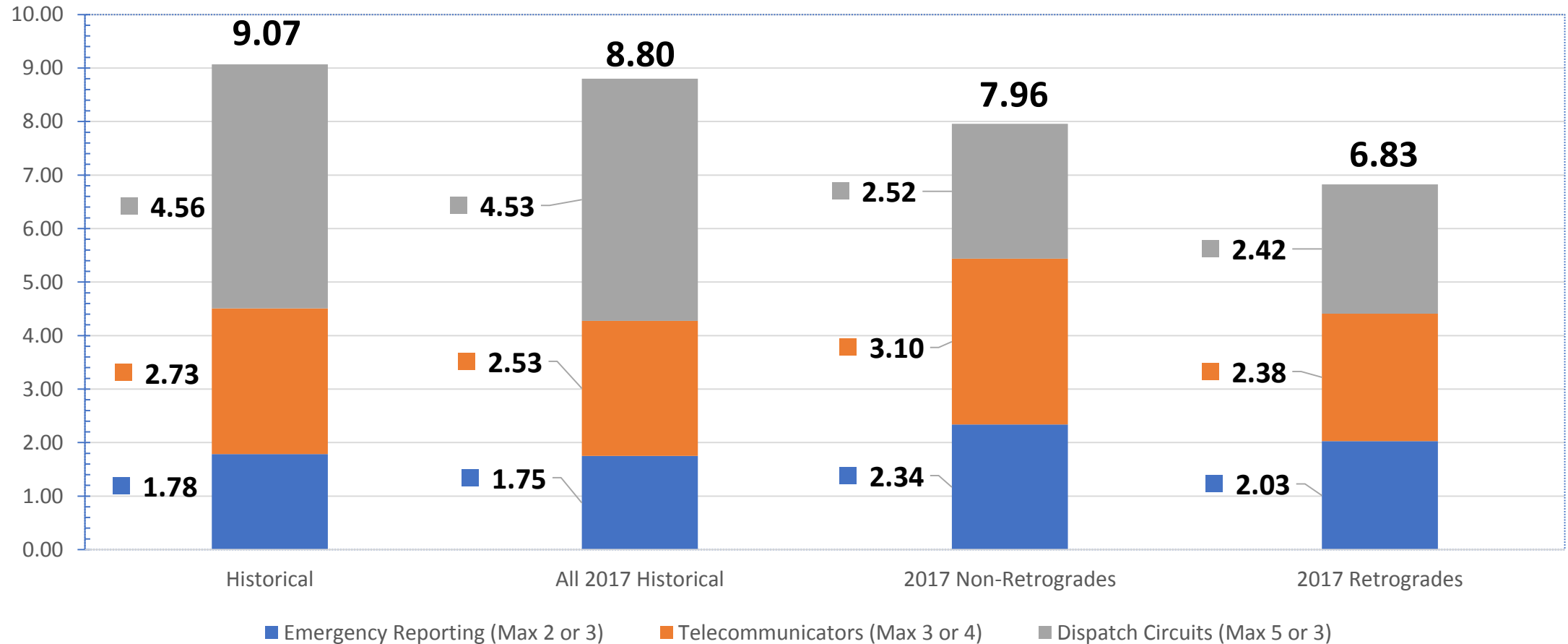
# 2017 Range of Communications Credit Earned (Class 1-8)





# Credits Earned – Communications

2017 Compared to Historical (2012-2016) Results



# Observations

- What We've Seen so Far (Emergency Reporting):
  - Most of the State has Enhanced 9-1-1 Service
    - Those not receiving credit for Enhanced 9-1-1 are usually those who have a highly creditable 9-1-1 center that receives calls and then transfers them to a lesser equipped, more localized dispatch arrangement such as a police or fire department
      - Final credits are based on the Least creditable arrangement
  - Many Departments use E-Dispatch or Similar Service to Get the Credit for Interoperability
    - Not creditable as a "Dispatch Circuit"
  - Some 9-1-1 centers don't really know what their capabilities are
  - AVL/GIS Functionality may be in place at the dispatch center but fire department apparatus are not equipped to interact with the CAD System or CAD is not programmed

# Observations

- What We've Seen So Far (Telecommunicators):
  - Computer Generated Call Answering Time statistics are usually available for those centers with Enhanced 9-1-1 functionality
  - Call Processing Time statistics are usually NOT available – CVM is used
  - Telecommunicators are sometimes unaware of what Emergency Dispatch Protocols for the Fire Service are
    - Protocols are “in their heads”...must be written and on-hand to receive credit
  - Some Telecommunicators received only OJT to learn how to do their jobs
    - Formal training meeting APCO Project 33 Standards is required...May be done in-house
  - Telecommunicator Certification documents are not provided
  - Telecommunicators either do not participate or there are no records of participation in Continuing Education or Quality Assurance programs

# Observations

- What We've Seen So Far (Dispatch Circuits):
  - Most smaller, localized dispatch centers do not have adequately supervised dispatch circuits
    - Need Audible and Visual alarms to indicate circuit failure
  - Lack of supervision of EPSS systems
    - Need Audible and Visual alarms to indicate EPSS failure
  - Lack of records for testing EPSS systems at all locations critical to the dispatch process
    - 9-1-1 Centers
    - Dispatch Centers
    - Repeater Sites
    - Manned fire stations that rely on commercial power for the dispatch circuit

# Questions??

# Fire Department

# Changes to Fire Department

- Fire Department (50 points)
  - Section 513 – Credit for Engine Companies...Decreased from 10 points to 6 points
  - Section 523 – Credit for Reserve Engine Companies...Decreased from 1 point to 0.5 points
  - Section 532 – Credit for Pump Capacity...Decreased from 5 points to 3 points
  - Section 549 – Credit for Ladder Service...Decreased from 5 points to 4 points
  - Section 553 – Credit for Reserve Ladder and Service Trucks...Decreased from 1 point to 0.5 points

# Changes to Fire Department

- Fire Department (50 points) (continued)
  - Section 561 – Credit for Deployment Analysis (Formerly Credit for Distribution)...Increased from 4 points to 10 points
  - Section 571 – Credit for Company Personnel...15+ points (no change)
  - Section 581 – Credit for Training...9 points (no change)
  - Section 700 – Credit for Operational Considerations (new credit)...2 points (Credit for Public Fire Control was used here under the old schedule)



# Changes to Fire Department

(Section 513)

- Section 513 – Credit for Engine Companies
  - The Old Schedule Looked at:
    - Number Needed vs Number in Use
    - Equipment Carried, Pump Tests, Hose Tests
    - Run Response
  - The New Schedule Looks at:
    - The Same Thing...Plus...Changed Inventory Requirements
  - Credit Value Decreased From 10 points to 6 points

# Changes to Fire Department

(Section 523)

- Section 523 – Credit for Reserve Engine Companies
  - The Old Schedule Looked at:
    - Number Needed vs Number in Use (1:8 Ratio)
    - Equipment Carried, Pump Tests, Hose Tests
    - Credit Could be Earned Even if You Didn't Have a Dedicated Reserve Pumper
  - The New Schedule Looks at:
    - The Same Thing...Plus... Changed Inventory Requirements
    - **You Either Have Them or You Don't**
  - Credit Value Decreased From 1 point to 0.5 points

# Changes to Fire Department

(Section 523)

- Section 532 – Credit for Pump Capacity
  - The Old Schedule Looked at:
    - 100% of pump capacity for in-service and reserve pumpers used in section 513 and 523 if they are tested at 150psi and have complete testing records
    - 50% of other pump capacities if rated at 50gpm or higher at 150psi
    - Credit for AA pumpers based on AA Factor
  - The New Schedule Looks at:
    - The Same Thing
    - Deduction of 25% for partial records and 50% if no testing records are available
  - Credit Value Decreased From 5 point to 3 points

# Changes to Fire Department

(Section 549)

- Section 549 – Credit for Ladder Service
  - The Old Schedule Looked at:
    - Number Needed vs Number in Use
    - Equipment Carried, Aerial Ladder Tests (including NDT)
    - Apparatus Response
  - The New Schedule Looks at:
    - The Same Thing...Plus... Changed Inventory Requirements
    - Additional Apparatus May be Needed Based on Deployment Analysis
  - Credit Value Decreased From 5 points to 4 points

# Changes to Fire Department

(Section 553)

- Section 553 – Credit for Reserve Ladder Service Trucks
  - The Old Schedule Looked at:
    - Number Needed vs Number in Use (1:8 Ratio)
    - Equipment Carried, Aerial Ladder Tests (including NDT)
  - The New Schedule Looks at:
    - The Same Thing...Plus... Changed Inventory Requirements
      - **You Either Have Them or You Don't**
  - Credit Value Decreased From 1 point to 0.5 points

# Changes to Fire Department

(Section 561)

- Section 561 – Credit for Deployment Analysis (Formerly Credit for Distribution)
  - The Old Schedule Looked at:
    - Road Mile or Hydrant Distribution from Engine, Ladder & Service Company Locations
    - Credit based on % of covered miles (or Hydrants) & apparatus inventories
    - Built-Upon area was evaluated for additional engine & service/ladder companies
    - 60% of Credit was based on Engines and 40% is based on Ladder/Service
  - The New Schedule Looks at:
    - The Same Thing...Except...Hydrant counts are no longer a factor, No more “Built-Upon” criteria, No more recommending new fire stations...service or ladder companies ONLY
    - NFPA 1710 Data vs Road miles...Best case scenario is the basis for credits
  - Credit Value Increased From 4 points to 10 points

# Changes to Fire Department

(Section 571)

- Section 571 – Credit for Company Personnel
  - The Old Schedule Looked at:
    - Average # of members Responding to Working Fires...100% for on-duty, 24/7 manpower, 50% for Public Safety Officers who also serve as firefighters, and on-call response divided by 3 or by 6 depending of adequacy of records
    - Engine, Ladder & Service Apparatus In Use Within the Department
  - The New Schedule Looks at:
    - The Same Thing...Plus...AA Manning may Receive Credit Even if AA is Not Creditable in the Grading
  - No Change in Credit Value or the Way It's Calculated...15+ points

# Changes to Fire Department

(Section 581)

- Section 581 – Credit for Training
  - The Old Schedule Looked at:
    - Drills, Company, HAZMAT, Officer, New Driver, Existing Driver, Recruit Training, and Pre-Plans
  - The New Schedule Looks at:
    - The Same Things...Plus...Officer Certifications
  - Minor Changes in Credit Values for Some Categories:
    - Drills = 35% of Overall Training Credit...18 Hours/member/year must be done at a designated Training Facility...decreased from 24-hrs
    - Company Training = 25% of Overall Training Credit...16 Hours/member/month...decreased from 20-hrs
    - HAZMAT Training = 1% of Overall Credit...6-hours/member/year...increased from 3-hrs
    - New Driver Training increased from 40-hrs to 60-hrs
    - Pre-Plan Inspections Required Annually for Full Credit...changed from semi-annual
  - Bonus Credit for Certifications Changed (see LA Addendum)
  - No Change in Overall Credit Value...9 points



# Changes to Fire Department

(Section 700)

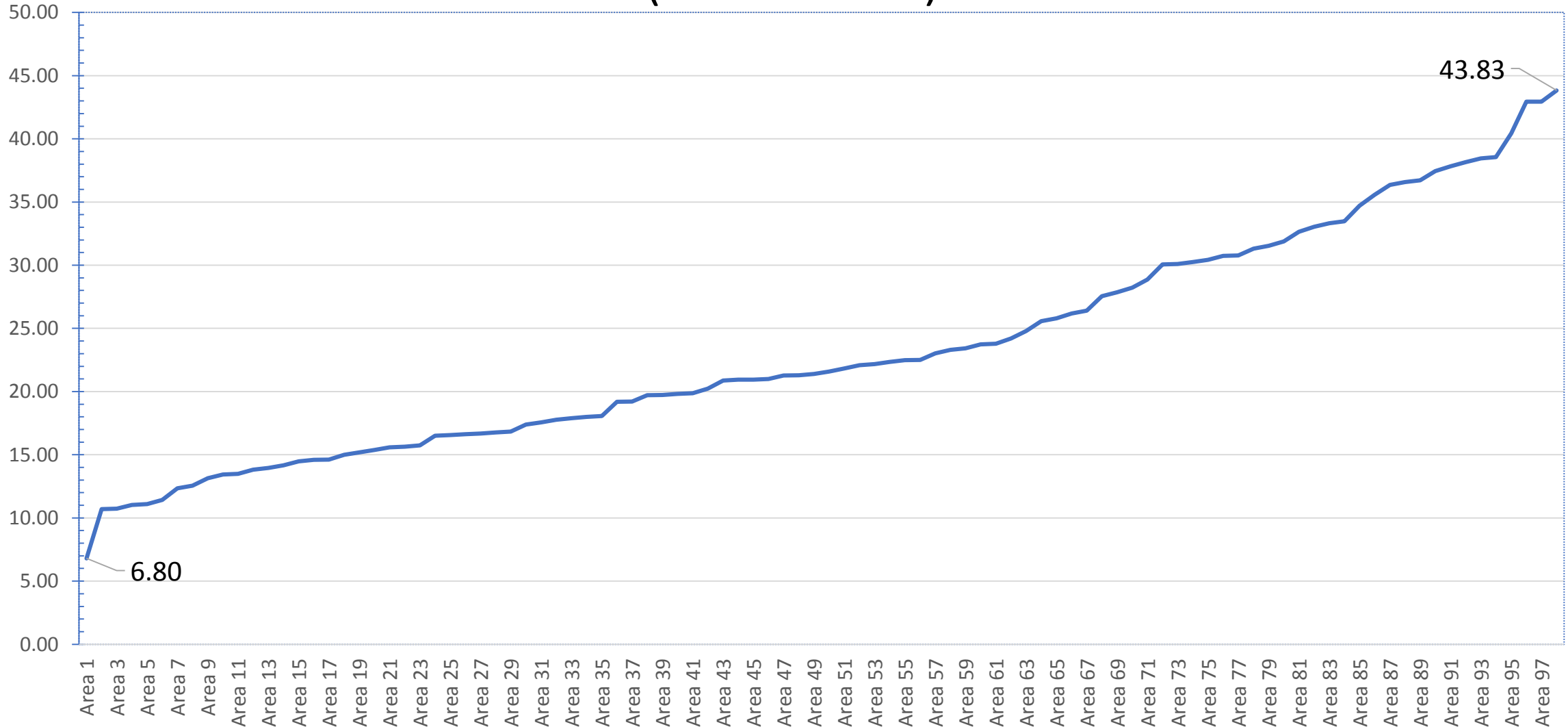
- Section 700 – Credit for Operational Considerations

- This Section was Not a Part of the Old Schedule
- Standard Operating Procedures...Reviewed within 5-years...1 point

- |                                   |                      |   |
|-----------------------------------|----------------------|---|
| ➤ Response of Apparatus           | ➤ Personnel Response | ➤ Apparatus Maintenance Including Hose, Pump & Aerial Testing |
| ➤ Operation of Emergency Vehicles | ➤ Fire Suppression   |   |
| ➤ Safety at Emergency Incidents   | ➤ Training           | ➤ AA/MA Operations  |
| ➤ Communications                  | ➤ Company Operations |   |

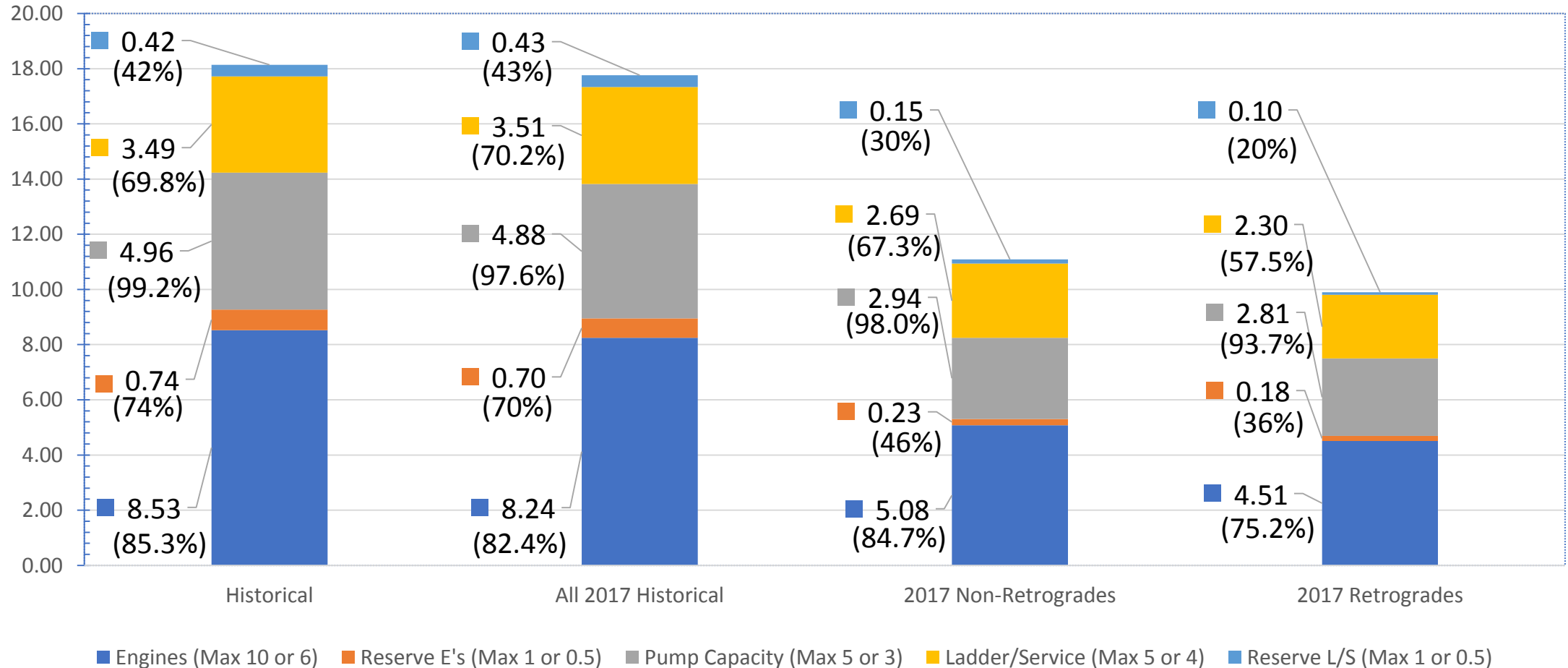
- Incident Management Training...Completed within 5-years...1 point
  - NIMS...ICS 100 Minimum
  - LSU...Incident Command Class
  - Local class...must meet content criteria of the above listed classes
- This is a New Credit...2 points

# 2017 Range of Fire Department Credit Earned (Class 1-8)



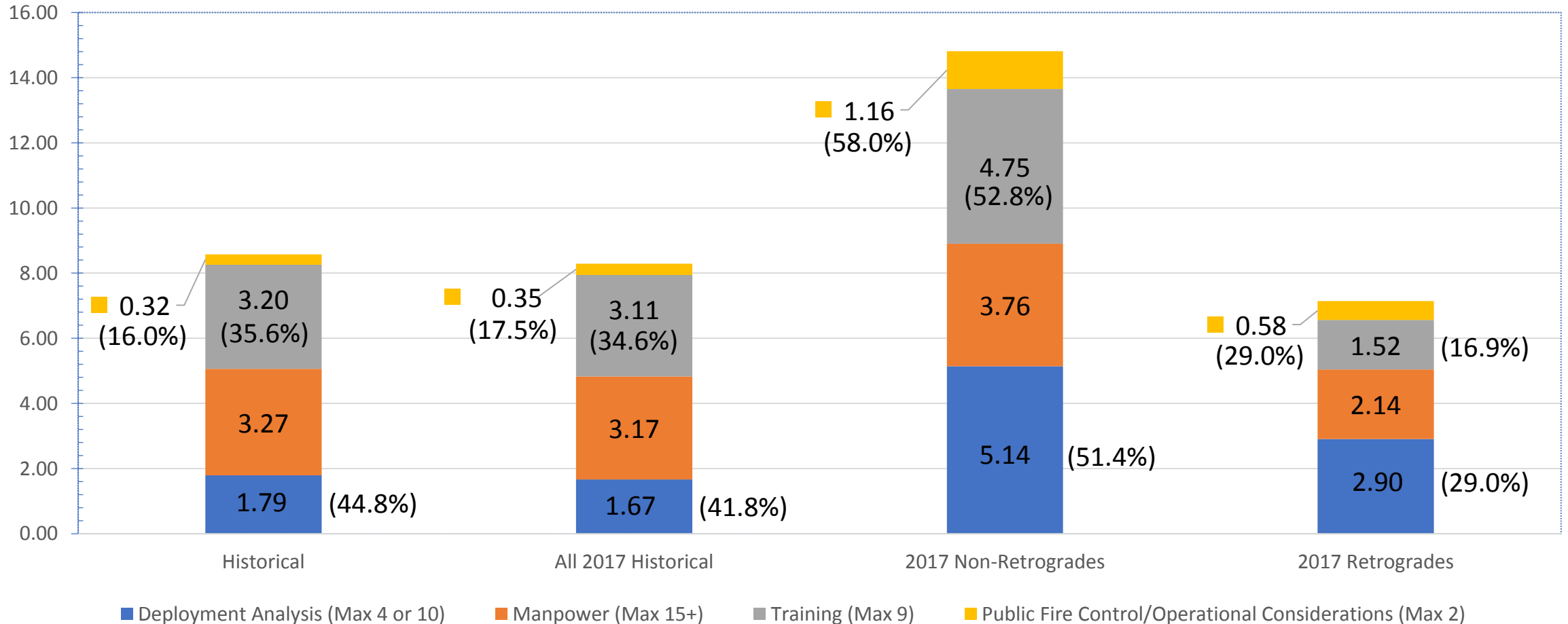
# Credits Earned – Fire Department

2017 Compared to Historical (2012-2016) Results



# Credits Earned – Fire Department

2017 Compared to Historical (2012-2016) Results



# Observations

- What We've Seen So Far:
  - Section 513 – Credit for Engine Companies:
    - Pumpers are Generally Well Equipped....Inoperative hand lights and missing or incomplete pump & hose test records were the most common problems
    - Lack of response or documentation of response
      - Be Specific about Apparatus, Manpower, & Actions in the Narrative or Comments
      - Document 10-22 actions including apparatus designations
      - Include names of responders somewhere in the report
  - Section 523 – Credit for Reserve Engine Companies:
    - Missing or inoperative equipment items
    - No reserve apparatus
    - May share with neighboring departments
  - Section 532 – Credit for Pump Capacity:
    - Missing or incomplete pump test records

# Observations

- What We've Seen So Far:
  - Section 549 – Credit for Ladder/Service:
    - Aerial Apparatus is generally well equipped with current inspection & NDT data
    - Missing ground ladders on Service Trucks
      - New schedule added 24' (or longer) Extension Ladder and 16' (or longer) Roof Ladder
    - Inoperative hand lights are an issue
    - Inadequate Smoke Ejectors – Minimum shroud volume is 5,000cfm
      - TIC is allowed as a substitute
    - Underpowered Generators – Minimum is 3kW
    - Lack of Response or Documentation of Response
    - Additional companies needed based on Deployment Analysis
    - Building height reduction from 35' to 32' has caused a need for additional ladder trucks

# Observations

- What We've Seen So Far:
  - Section 553 – Credit for Reserve Ladder/Service:
    - Same 1:8 Ratio as before
    - Aerial Apparatus is generally well equipped with current inspection & NDT data
    - Missing ground ladders on Reserve Service Trucks
      - New schedule added 24' (or longer) Extension Ladder and 16' (or longer) Roof Ladder
    - Inoperative hand lights are an issue
    - Inadequate Smoke Ejectors – Minimum shroud volume is 5,000cfm
    - Underpowered Generators
    - You have them or you don't

# Observations

- What We've Seen So Far:
  - Section 561 – Credit for Deployment Analysis:
    - The road mile distribution study is based on all engine company and full service or ladder company locations
    - Additional ladder and service companies are needed based on road mile distribution studies (This is N/A if NFPA 1710 data meets NFPA requirement for arrival of the full complement)
    - Final credit is the better of road mile distribution study or NFPA 1710 data
  - Section 571 – Credit for Company Personnel:
    - Volunteerism is declining
    - Part-time, paid manning is increasing



# Observations

- What We've Seen So Far:
  - Section 581 – Credit for Training:
    - Lack of use of a training center with NFPA compliant props & not using LSU's mobile props
    - Shortage of Training in All Areas
    - Shortage of Officer Certifications
    - Many departments who share membership with another department are not getting training records or certifications from the other department
      - 100% Creditable: Officer, Hazmat, New Driver, Recruit Training
      - 50% Creditable: Company Training
      - Not Creditable: Drills, Recurring Driver Training
    - Certified members not getting ≥45-hrs of Company Training (BONUS CREDIT)

# Observations

- What We've Seen So Far:
  - Section 700 – Credit for Operational Considerations:
    - This is a new credit divided into two areas...SOPs and IMS Training
    - Many departments do not have SOPs and some SOPs are not being periodically reviewed
      - SOPs not dated or not reviewed within 5 years of the date of the grading
    - Many departments haven't done much NIMS related training within the past 5 years
      - NIMS or ICS training done within 5 years of the date of the grading are creditable
      - May be done through NIMS Website...ICS 100 minimum
      - May be done through LSU...Incident Command Class
      - May be done in-house if course content is the same as LSU's class or ICS 100...Chief certifies this

# Questions??

# Water Supply

# Changes to Water Supply

- Section 616 – Credit for Supply System
- Section 621 – Credit for Hydrants (Formerly Credit for Hydrant Size, Type and Installation)
- Section 631 – Credit for Inspection and Fire-Flow Testing of Hydrants (Formerly Credit for Inspection and Condition)

# Changes to Water Supply

- Section 616 – Credit for Supply System

- The Old Schedule Looked at:
  - NFF
  - Supply Works Capacity
  - Main Capacity (hydrant flow rate)
  - Hydrant Distribution (300-600-1000)
  - Lowest value is what is credited
- The New Schedule Looks at:
  - The same things...except...all Hydrants within 1,000' get the same credit based on type
  - Lowest value is what is credited
- Credit Value Decreased From 35 points to 30 points

NFF	Supply Works	Main Capacity	Hydrant Distribution	Credit
4000	3500	5150	4500	3500
3500	4500	3500	3000	3000
3000	4500	2000	3000	2000
2500	3000	3500	3000	2500

Type of Hydrant (within 1,000')	Credit
At least one pumper outlet	1,500 gpm
Two or more hose outlets, no pumper outlet	750 gpm
One hose outlet only	500 gpm

# Changes to Water Supply

- Section 621 – Credit for Hydrants

- The Old Schedule Looked at:
  - Hydrant Size, Type & Installation
- The New Schedule Looks at:
  - The same things...

- Credit Value Increased From 2 points to 4 points

Hydrant Size, Type & Installation (PH)	Points
With ≥6" branch and a pumper outlet; with or without 2½" outlets; or with ≥6" dry hydrant installed IAW applicable standards	100
With ≥6", no pumper outlet, but 2 or more 2½" outlets or with small barrel <5"	75
With only one 2½" outlet	25
With <6" branch	25
Flush type (flush or ground level)	25
Cistern or suction point	25

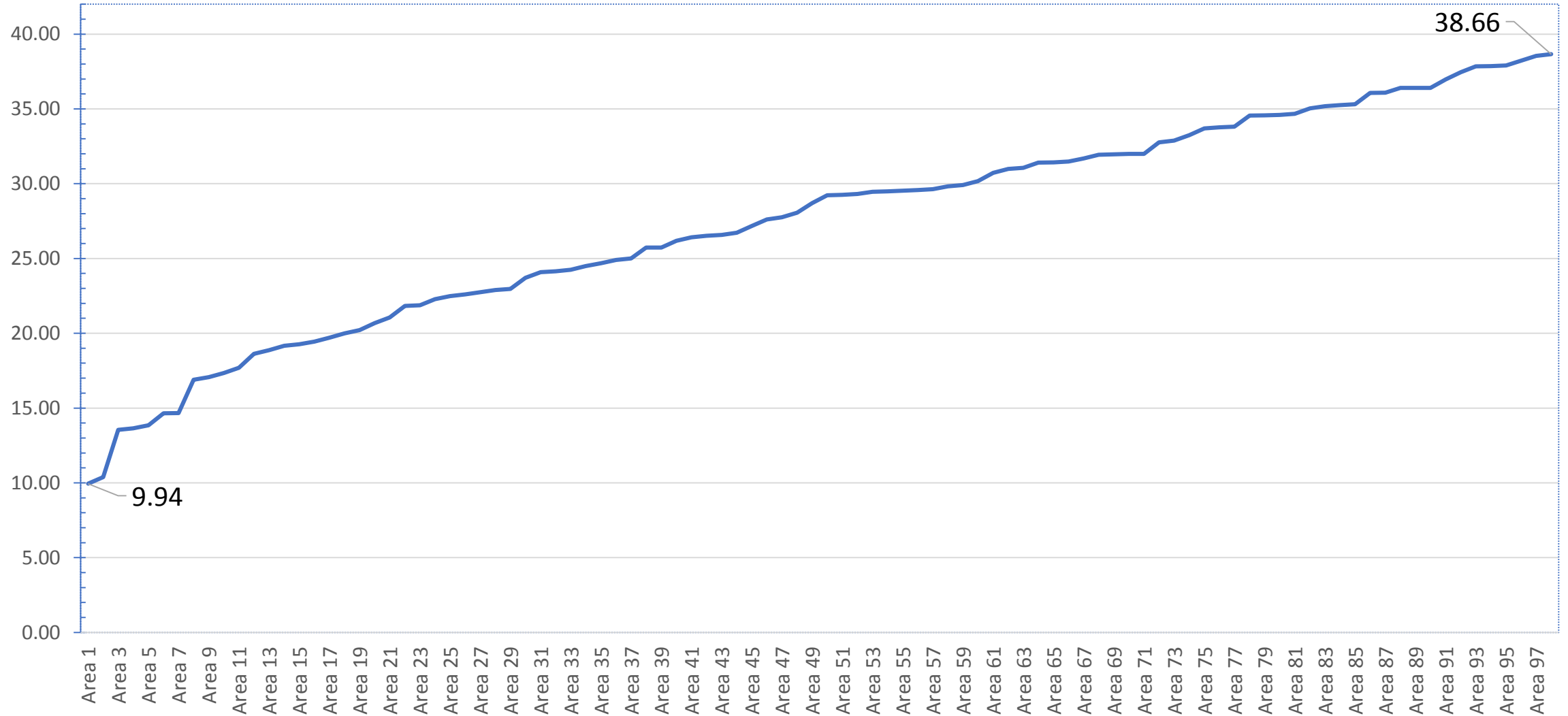
# Changes to Water Supply

- Section 631 – Credit for Inspection and Fire-Flow Testing of Hydrants
  - The Old Schedule Looked at:
    - Inspection Interval...semi-annual for full credit
    - AWWA M-17 Checklist
  - The New Schedule Looks at:
    - Inspection Interval...annual for full credit
      - AWWA M-17 Checklist
    - Main Capacity Flow-Test Interval...all within 5-years for full credit
      - Possible Credit for Hydraulic Water Model Instead of Fire-Flow Testing
  - Credit Value Increased From 3 points to 7 points
    - 4 Points for Inspection
    - 3 Points for Fire-Flow Testing



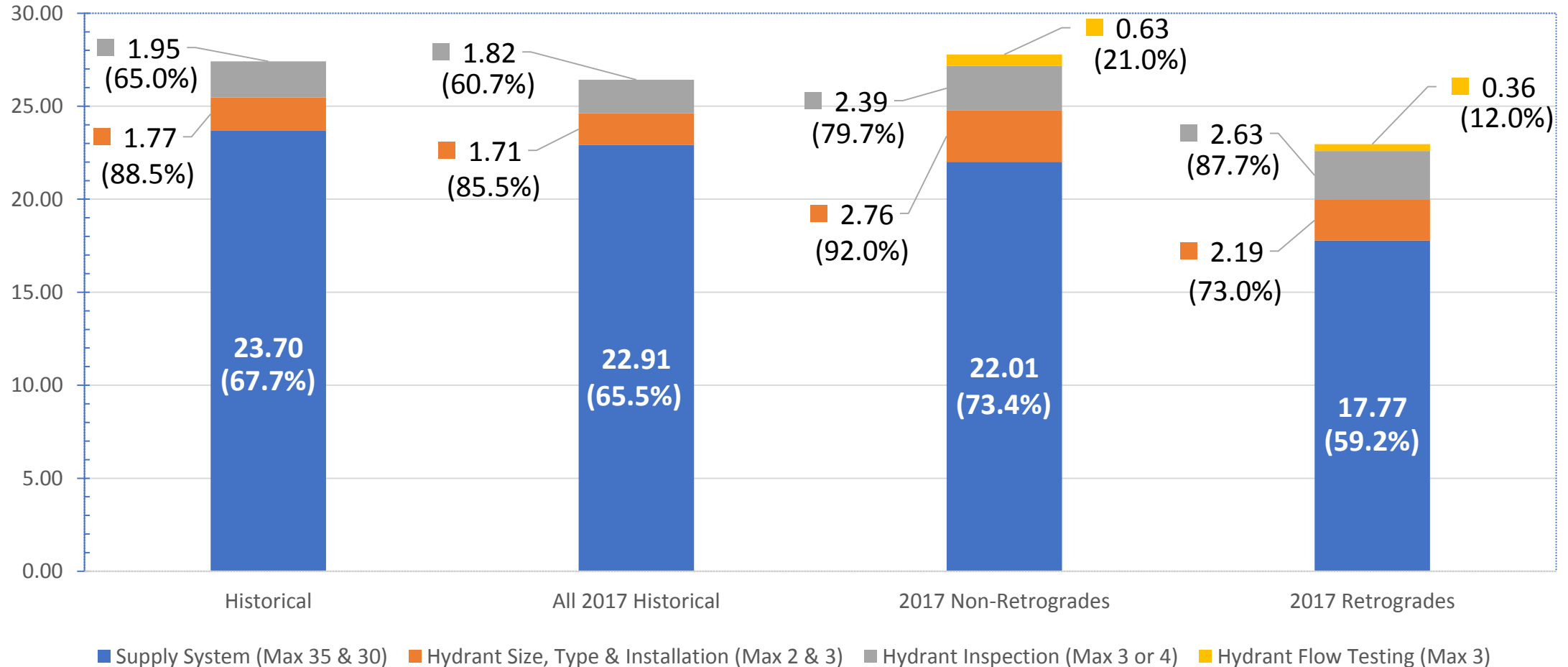


# 2017 Range of Water Supply Credit Earned (Class 1-8)



# Credits Earned – Water Supply

2017 Compared to Historical (2012-2016) Results



# Observations

- What We've Seen So Far:
  - Section 616 – Credit for Supply System
    - NFF
      - Non-sprinklered construction (as rated by PIAL)
      - Loss of Sprinklered Building recognition
    - Supply Works Capacity
      - Changed pump or storage capacities
    - Main Capacity
      - Closed valves
      - Low-flow hydrants
    - Hydrant Distribution
      - Inoperative/low-flow hydrants
      - Increased credit for hydrant distribution...The new FSRS changed the way hydrant distribution is calculated...all hydrants within 1,000' of the target building are given the same credit based on the number & type of outlets

# Observations

- What We've Seen So Far:
  - Section 621 – Credit for Hydrant Size, Type & Installation
  - All hydrants in the system get credit based on their type and how they're installed

Hydrant Size, Type & Installation (PH)	Points
With ≥6" branch and a pumper outlet; with or without 2½" outlets; or with ≥6" dry hydrant installed IAW applicable standards	100
With ≥6", no pumper outlet, but 2 or more 2½" outlets or with small barrel <5"	75
With only one 2½" outlet	25
With <6" branch	25
Flush type (flush or ground level)	25
Cistern or suction point	25

# Observations

- What We've Seen So Far:
  - Section 631 – Credit for Inspection and Flow-Testing of Hydrants
    - Hydrant inspections not being done IAW AWWA M-17
    - Missing or incomplete hydrant inspection or flow test records
      - Incomplete records incur a 25% deduction in credit
      - No records...no credit
    - Main Capacity tests not done
      - Test each hydrant once within a 5-year period for maximum credit
    - Single-hydrant flow tests are NOT main capacity tests...but they're better than nothing!
      - 25% deduction for incomplete tests

# Questions??

# Community Risk Reduction

# Changes to Community Risk Reduction

- Community Risk Reduction...Increased from 2 points to 5.5 points:
  - Fire Prevention...2.2 points (Recognized Bureaus Only)
  - Public Fire Safety Education...2.2 points (All Graded Areas)
  - Fire Investigations...1.1 points (All Graded Areas)
- These Credits are Now Part of the FSRS



# Changes to Community Risk Reduction

- Section 1020 - Fire Prevention:
  - What the Old Schedule Looked at:
    - NOTHING!
    - PIAL's Old LA Addendum added credit for:
      - Regulations – State and Local Fire Codes
      - Fire Prevention Staffing, Qualifications, Certification, and Training
      - Plan Review
      - Fire Prevention Inspection Frequency and Recordkeeping
      - Quality Control of Enforcement & Inspection Programs
      - Inspection of Private Fire Protection Equipment
      - Enforcement of Fire Prevention Ordinances
      - Coordination with Fire Department Training & Pre-planning Programs

# Changes to Community Risk Reduction

- Section 1020 - Fire Prevention :
  - What the New Schedule Looks at:
    - Those same items...plus...Credit for Inspections for Certificates of Occupancy
      - Commercial and Residential

# Changes to Community Risk Reduction

- Section 1030 – Fire Safety Education
  - What the Old Schedule Looked at:
    - NOTHING!
    - PIAL's Old LA Addendum added credit for:
      - Written policies, procedures and educational outlines for safety education in schools, businesses, hospitals and residences
      - Experience of public safety educators
      - Population reached through public safety education programs
      - Use of a Jr. Firesetter Intervention Program

# Changes to Community Risk Reduction

- Section 1030 – Fire Safety Education

- What the New Schedule Looks at:

- Those same things...EXCEPT...The Residential Fire Safety Education Program covers the numbers of people contacted in all areas... schools, businesses, hospitals and residences

PLUS...

- Fire Safety Education in Schools (by school staff...not firefighters)
      - Fire Drills...(K-12 schools)
      - Fire Safety Curriculum delivered by school teachers...(Pre-K to 3<sup>rd</sup> grade)
    - Fire Safety Education Program for Occupancies Having Large Loss Potential or Hazardous Conditions

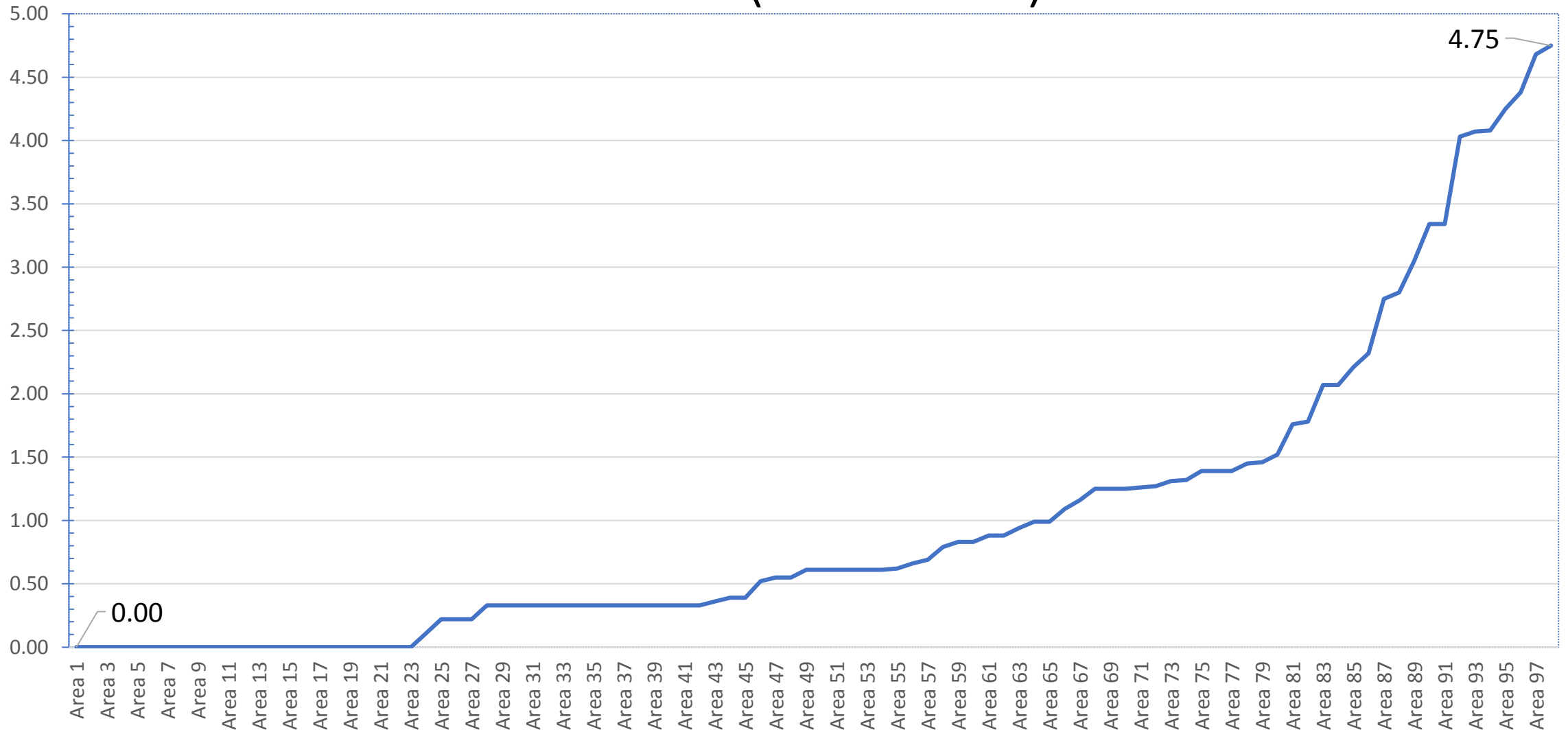
# Changes to Community Risk Reduction

- Section 1040 – Fire Investigation
  - What the Old Schedule Looked at:
    - NOTHING!
    - PIAL's old LA Addendum added credit for:
      - Organization under State or Local Jurisdiction
      - Staffing
        - All structure fires need a determination of Initial Cause and Origin
        - Certain structure fires must be investigated by the State Fire Marshal
    - Fire Investigator Training and Certification
    - Continuing Education
    - Use of the Louisiana Fire Incident Reporting System (LFIRS)

# Changes to Community Risk Reduction

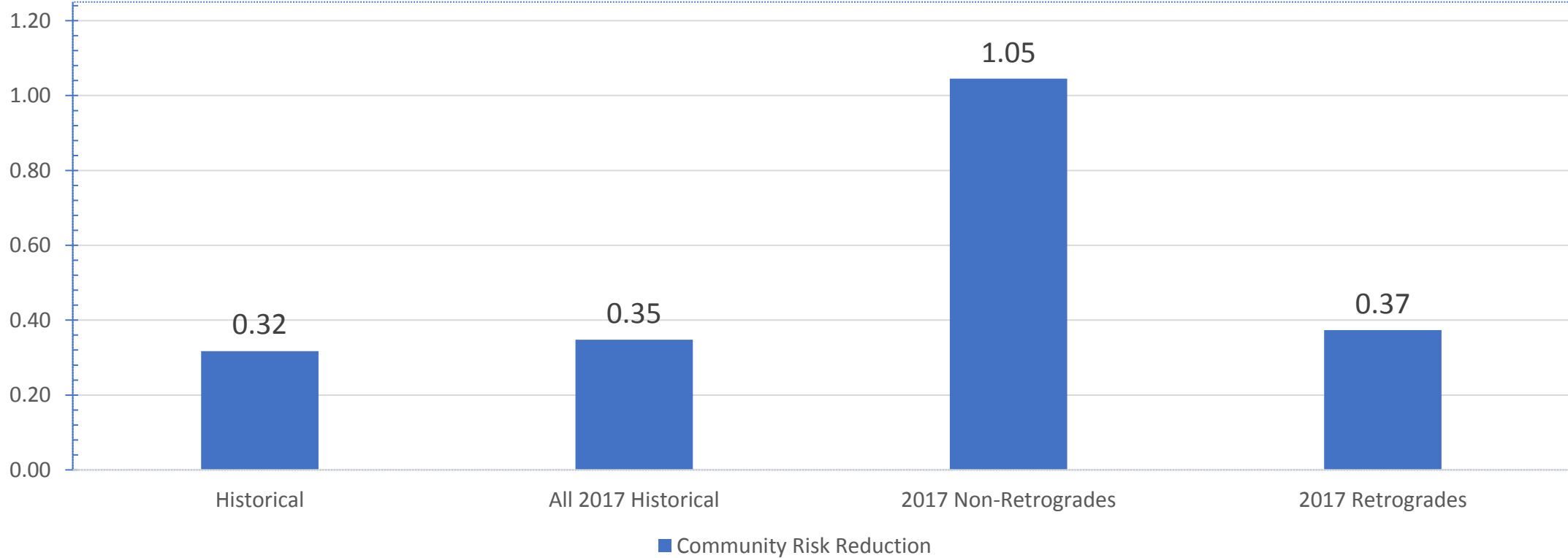
- Section 1040 – Fire Investigation
  - What the New Schedule Looks at:
    - The same things...except...
    - Continuing Education
      - 40-hrs/year for full-time, certified fire investigators
      - 8-hrs/year for company level officers performing initial cause and origin only
    - Use of the Louisiana Fire Incident Reporting System (LFIRS)

# 2017 Range of Community Risk Reduction Credit Earned (Class 1-8)



# Credits Earned – Community Risk Reduction

2017 Compared to Historical (2012-2016) Results





# Observations

- What We've Seen So Far – Fire Prevention:
  - There aren't many recognized Fire Prevention Bureaus
  - Letters from the LA OSFM Recognizing a Bureau were not Dated
  - Missing or incomplete Inspection Records
  - Lack of Continuing Education

# Observations

- What We've Seen So Far – Fire Safety Education:
  - Lack of qualified fire safety educators
  - Lack of continuing education for fire safety educators
  - Missing or incomplete records of # of people contacted through public safety education programs
  - Missing or incomplete records of fire drills
  - Lack of documentation of teaching fire safety in ECE programs
  - Lack of a list of safety education actions for buildings with high loss potential

# Observations

- What We've Seen So Far – Fire Investigation:
  - Not claiming credits
  - No qualified fire investigators
  - Fire Reports or other records do not show determination of initial cause and origin or other investigation
  - Continuing education does not meet criteria
  - No or inconsistent participation in NFIRS
    - Must submit “No Activity” reports each month if no incidents occur

# Questions??

This Presentation Can be Found at:

<http://pial.org/municipal-division.html>