Regional Codes Coordinating Committee

Date: July 15, 2025

Staff Contact: Hannah Ordonez





Welcome

Thank you for joining us today!



Action Items



Meeting Summary

The February 19, 2025 meeting summary is available <u>here</u> for your review and consideration.



Approval of the 2024 Regional Code Amendments

Fire Advisory Board – Ariana Kistner

International Fire Code



<u>Members Seeking Reappointment – Public Sector</u>

- Jeremy Booker City of Lewisville
- Dwight Freeman City of Dallas
- Joelle Hainley Town of Flower Mound
- Brett King City of Carrollton
- · Gail Lux City of Cedar Hill
- Selso Mata City of Plano
- David Pendley City of Euless
- Wayne Snell City of Irving
- Jeffrey Widmer City of Rockwall

<u>Members Seeking Reappointment – Private Sector</u>

- Jack Baxley TEXO Association
- Warren Bonisch WJE & Associates
- Stan Folsom Code Consultant Representative
- Robert Pegues US Ecologic



Nominations Received to Fill Public Sector Vacancies (2)

- Jerry Carnes City of Pilot Point
- Willie Franklin City of Dallas
- Emily Loiselle City of Denton
- John Shannon City of Royse City
- Michael Sizemore City of Sachse
- Dylan Whitehead City of Burleson
- John Dooley Burgess Consultants*



Chair and Vice-Chair Election

- Current Chair: David Kerr, City of Melissa
- · Current Vice-Chair: Selso Mata, City of Plano



Discussion



Discussion

Flood Code Adoption and Higher Standards – TSI Study Discussion

As part of the Transportation and Stormwater Infrastructure (TSI) study, NCTCOG will present background on floodplain management standards that exceed minimum requirements and facilitate a discussion with the RCCC to gather feedback on regional code adoption practices and the long-term benefits of enhanced standards.







Integrated Transportation and Stormwater Infrastructure (TSI) Study

Regional Code Meeting | July 15, 2025

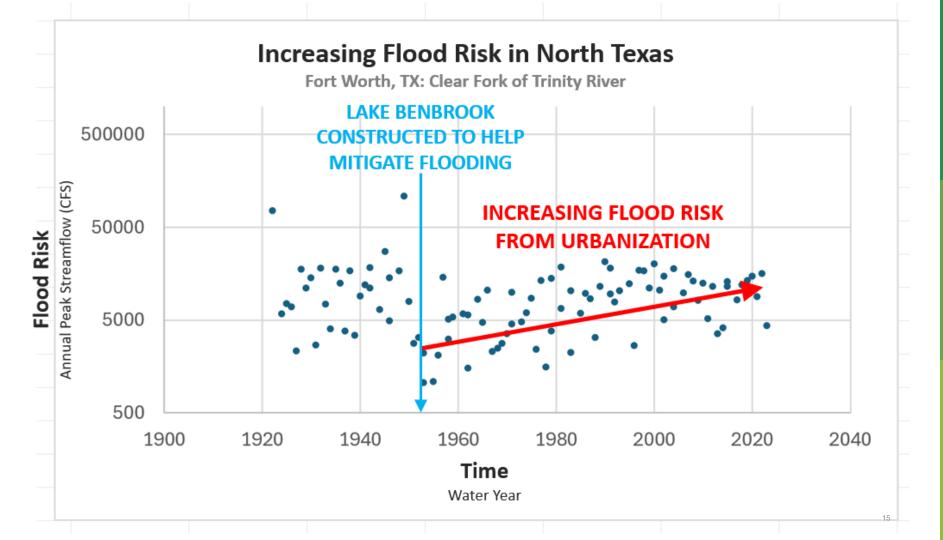


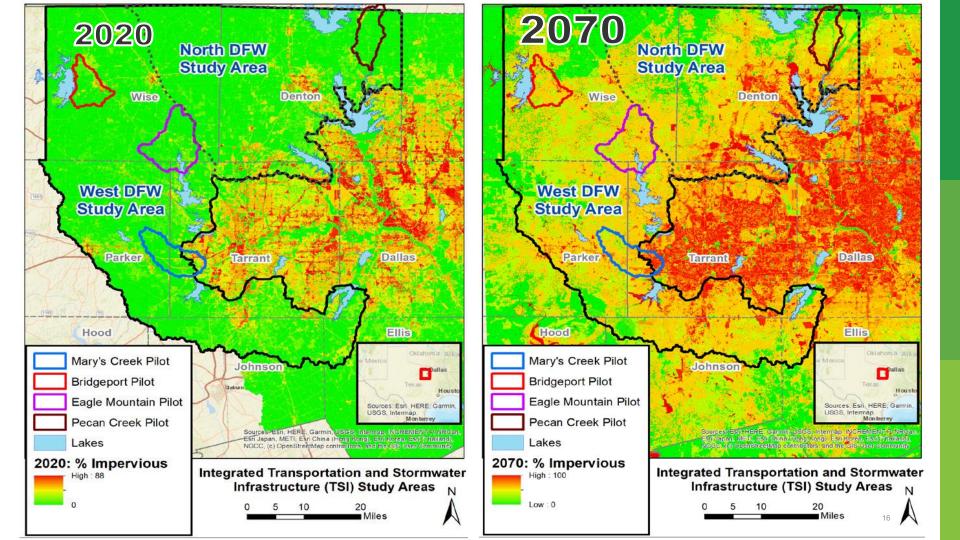




The integrated Transportation and Stormwater Infrastructure study proactively addresses the increased flood risk resulting from extraordinary population growth in the Upper Trinity River basin.







TSI outputs will empower engineers, local governments, and developers to reduce the threat to people, property, and infrastructure.



Collect and Analyze Data



Conduct Environmental Planning



Assess
Hydrology and
Hydraulics
Scenarios



Evaluate a Real-Time Flood Warning System



Identify
Transportation
Infrastructure
Impacts



Support and Empower Communities



Project Partners

West Study Area

North Central Texas Council of Governments

US Army Corps of Engineers

University of Texas at Arlington

Texas A&M AgriLife Extension Service

Tarrant Regional Water District

Freese and Nichols, Inc.

Halff Associates, Inc.

North Study Area

North Central Texas Council of Governments

Upper Trinity Regional Water District

Halff Associates, Inc.

Highland Economics, LLC

University of Texas at Arlington

Texas A&M AgriLife Extension Service

Funders

Texas General Land Office

Texas Department of Transportation

Texas Water Development Board

Federal Emergency Management Agency

US Army Corps of Engineers



Why We're Here Today



Gather input to inform TSI recommendations on code adoption



Understand barriers to adoption



Identify support needs and regional alignment opportunities



Your feedback today will help shape regional recommendations and inform future conversations with communities





"Every \$1 invested in modern codes saves \$11 in disaster losses."
- National Institute of Building Sciences



TSI Study's Understanding of Higher Flood Standards

FEMA considers ASCE 24-24 the "gold standard" for flood-resistant design.

**Enforceable only when explicitly adopted or referenced in local code.

IBC 2024 references ASCE 24-14, not 24-24.

ASCE 24-24 must be adopted separately to be enforceable.

Local jurisdictions can adopt ASCE 24-24 as a standalone or as an amendment to IBC.



Comparison Chart: ASCE 24-12 vs. ASCE 24-24

ASCE 24-24 introduces 29 key changes over its 2014 predecessor, significantly enhancing flood resilience

| Category | ASCE 24-14 | ASCE 24-24 |
|---------------------------------|--|--|
| Flood Hazard Area Coverage | Focused on 100-year floodplain (SFHA). | Expands to 500-, 750-, and 1000-year flood levels. |
| Elevation Requirements | General elevation standards. | Risk-based, tied to Flood Design Class. |
| Climate Change Considerations | Not required. | Required in coastal floodplain calculations. |
| Dry Floodproofing Standards | No standardized testing. | Requires ANSI/FM 2510 testing and maintenance plans. |
| Material Guidance | Basic requirements. | Adds ASTM standards and salt- environment guidance. |
| Alignment with NFIP & ASCE 7-22 | Meets/exceeds NFIP; aligned with ASCE 7-10/16. | Exceeds NFIP; aligned with ASCE 7-22 Supplement 2. |
| Flood Warning Systems | Not addressed. | Required for high-risk structures. |
| integrating Transportation | | |

FEMA's Building Code Strategy – What to Know

•FEMA is not creating new codes, but promoting adoption of existing ones (e.g., ASCE 24-24, IBC).

•FEMA's Strategy focuses on:





Key Questions for Regional Codes Committee

What are the biggest barriers to adopting higher flood standards in your jurisdiction?

- Political resistance?
- Cost concerns?
- Lack of technical capacity?
- Community pushback?

What types of support would make it easier to adopt ASCE 24-24 or similar higher flood code standards?

- Sample ordinance language?
- Cost-benefit data?
- Training for staff or elected officials?
- Peer examples?



Questions continued...

Would your jurisdiction consider adopting a standalone ASCE 24-24-based code?

Are there existing local plans or policies where higher flood-related standards could be integrated?

What incentives or funding opportunities would motivate adoption of stronger flood standards?

Are there opportunities to align efforts across jurisdictions?



Questions continued...

What best practices are already working in your communities?

What should be included in a regional recommendations to adopt higher flood related standards?

What's the best starting point for community adoption?

- ASCE 24-24 as a standalone?
- Modified IBC 2024 with supplemental flood provisions?

What local amendments would make higher standards more feasible?

What support (technical, financial, political) would jurisdictions need?



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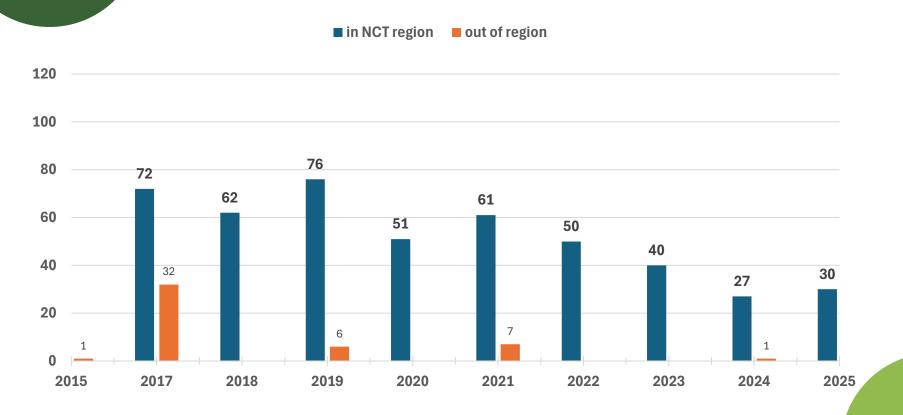


Annual Code Adoption Survey Results & 10-Year Review

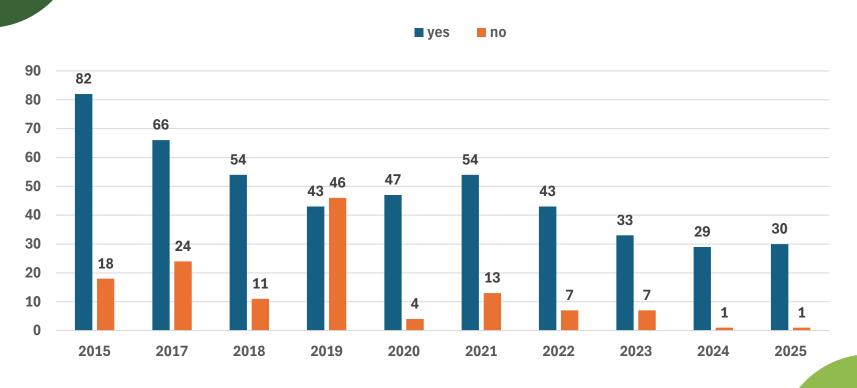
NCTCOG will present the results of the 2025 Annual Code Adoption Survey and a brief analysis of the past 10 years of annual survey results.



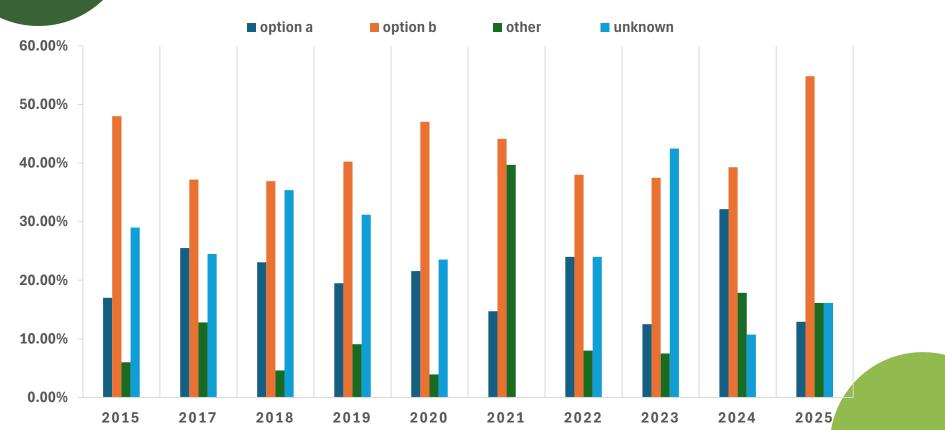
Respondents In NCT Region v. Out of Region



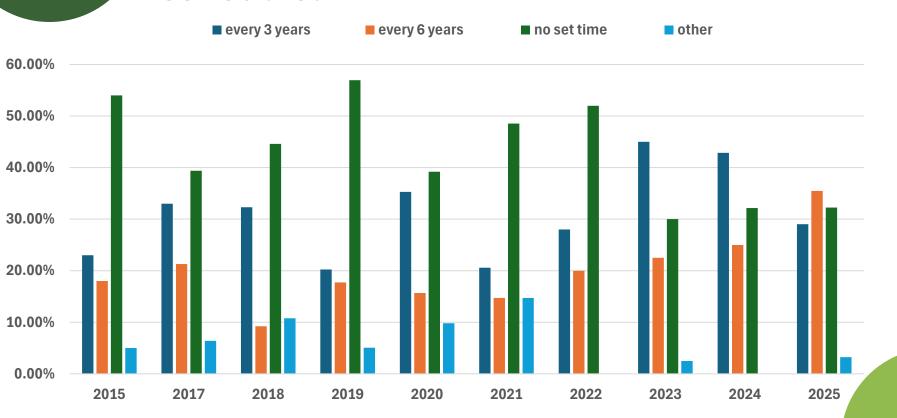
Respondents that use NCT recommended amendments



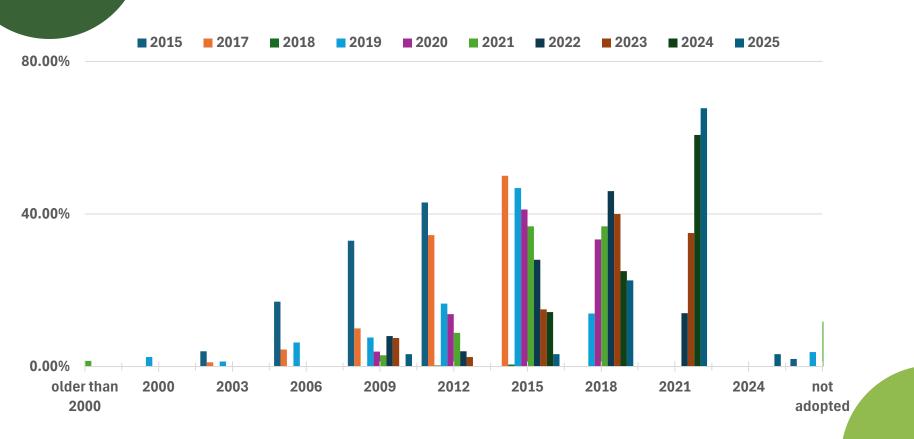
Does the respondent adopt Option A or Option B amendments?



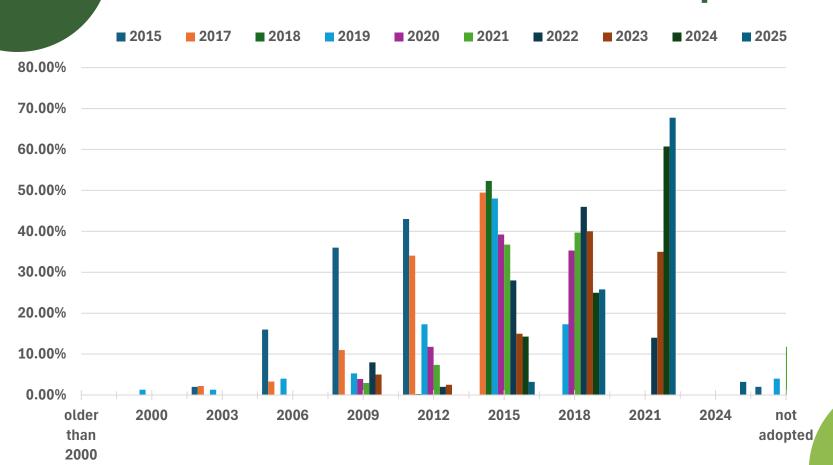
What is the respondent's code adoption schedule?



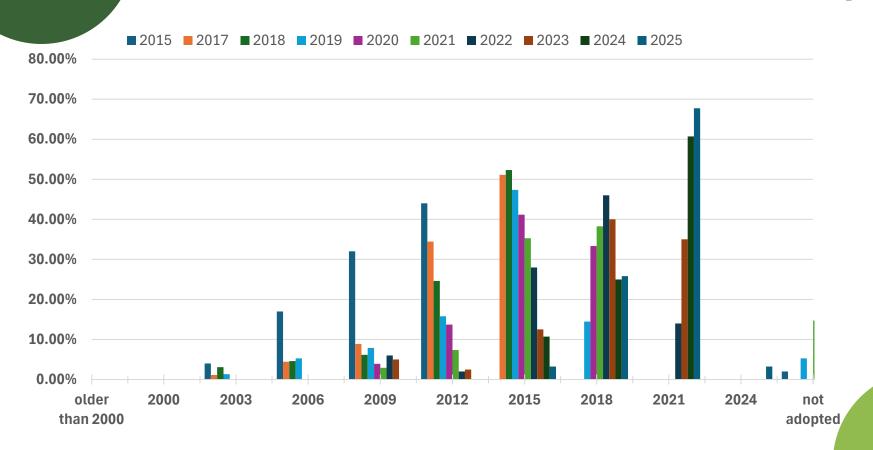
International Building Code Year of Adoption



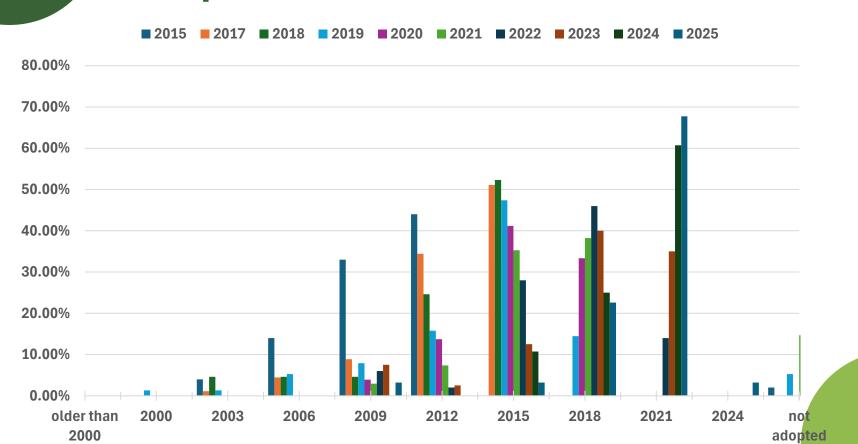
International Fire Code Year of Adoption



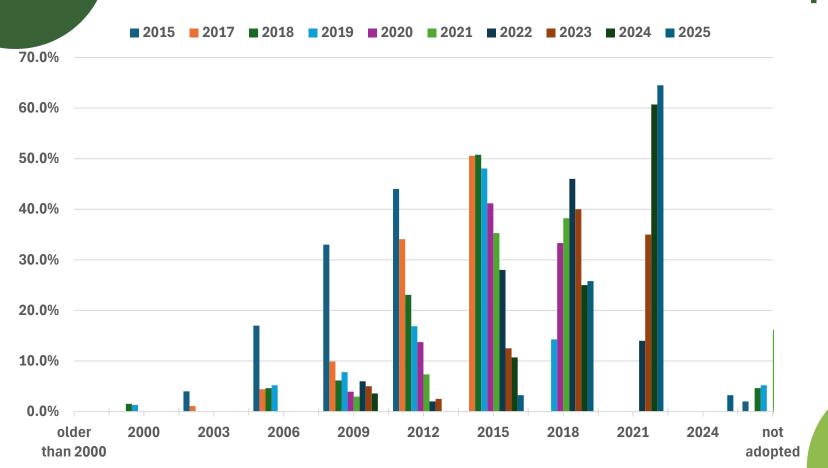
International Mechanical Code Year of Adoption



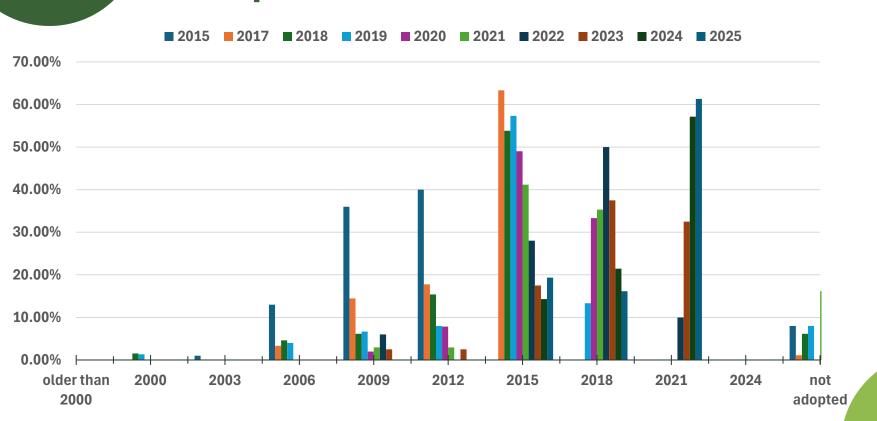
International Plumbing Code Year of Adoption



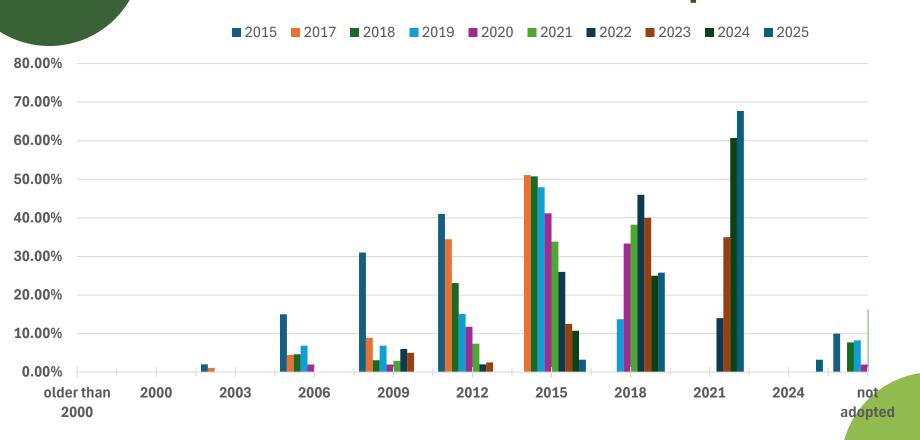
International Residential Code Year of Adoption



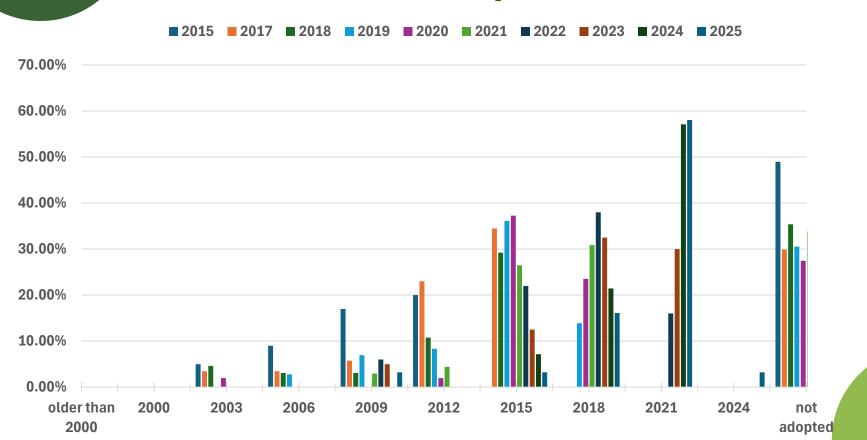
International Energy Conservation Code Year of Adoption



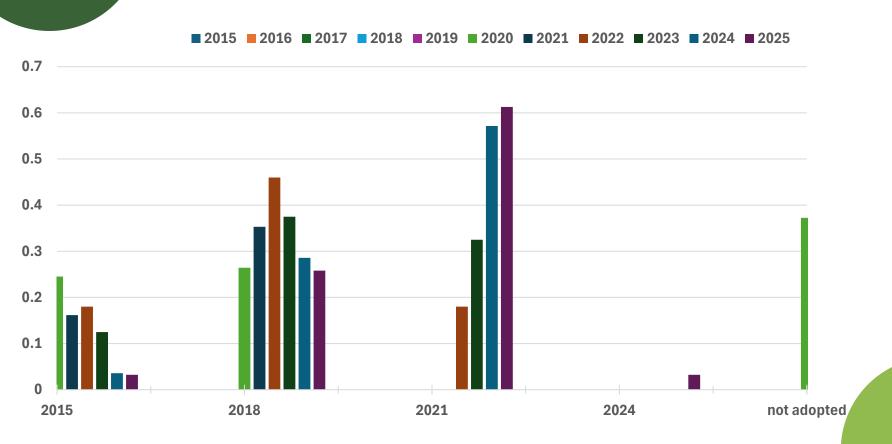
International Fuel Gas Code Adoption Year



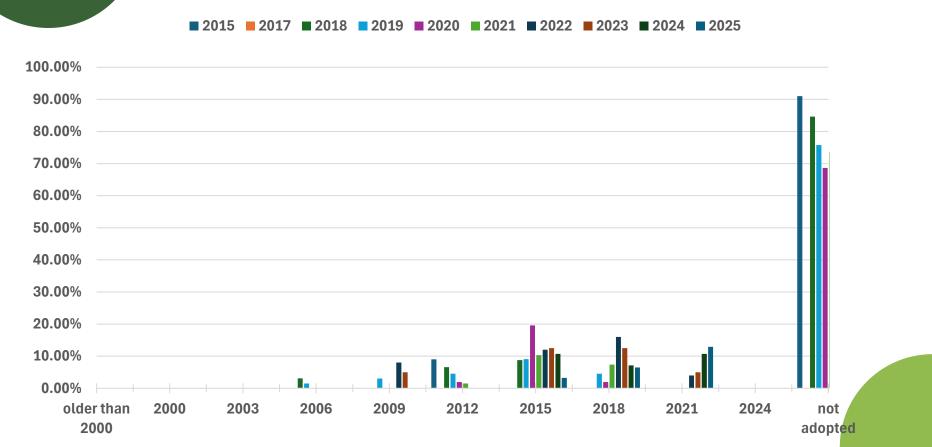
International Existing Building Code Year of Adoption



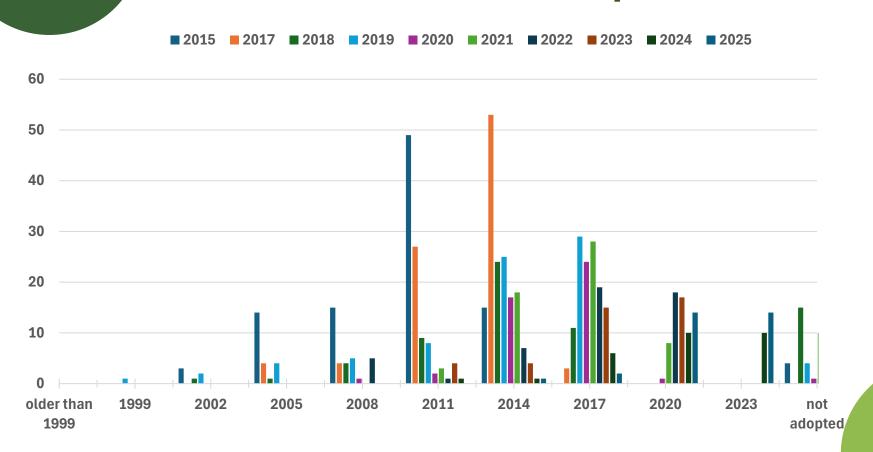
International Pool, Swim and Spa Code Adoption Year



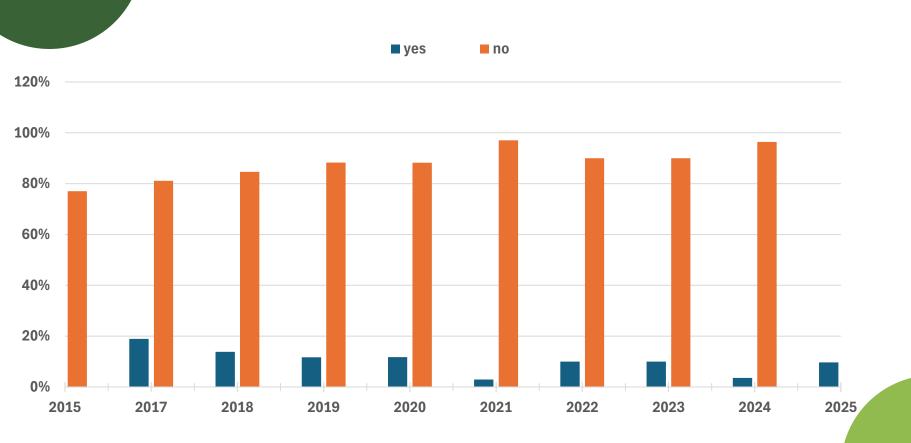
International Green Construction Code Adoption Year



National Electric Code Adoption Year



Assistance in Adopting More Current Codes



Regional Codes Program Update

FY2025 Commitments Received: \$58,050

| Aledo | Alvarado | Annetta | Aubrey | Benbrook | Blue Mound |
|------------------|------------------|-------------|---------------------------|------------|-------------|
| Carrollton | Cedar Hill | Celina | Dalworthington Gardens | Denton | DeSoto |
| Farmersville | Flower Mound | Forest Hill | Frisco | Godley | Granbury |
| Hackberry | Highland Village | Hudson Oaks | Hurst | Hutchins | Joshua |
| Justin | Lancaster | Little Elm | Mansfield | Melissa | Mesquite |
| Mineral Wells | Northlake | Pilot Point | Plano | Prosper | Richardson |
| River Oaks | Runaway Bay | Sachse | Sanger | Seagoville | Trophy Club |
| White Settlement | Willow Park | | | | |



Regional Codes Work Program Update

- Digital invoices for FY2026 will be emailed in October 2025.
- To update the contact the invoice will be sent to, for questions or more information, please email <u>Hannah</u> Ordonez.
- Anticipated budget goal: \$70,000

| Population (NCTCOG Estimates) | Cost | |
|----------------------------------|---------|--|
| 1 million+ | \$7,500 | |
| 750,000–999,999 | \$7,000 | |
| 500,000-749,999 | \$6,000 | |
| 350,000-499,999 | \$5,000 | |
| 200,000-349,999 | \$4,150 | |
| 100,000-199,999 | \$3,250 | |
| 50,000-99,999 | \$2,150 | |
| 25,000-49,999 | \$1,400 | |
| 10,000-24,999 | \$1,000 | |
| Less than 10,000 | \$500 | |



89th Texas Legislative Session

- <u>SB 1202</u> Relating to third-party review of property development documents and inspections of improvements related to those documents, including home backup power installations.
 - Passed both the Senate and House; signed by Governor and Effective September 1, 2025
- <u>SB 1252</u> Relating to the authority of a municipality to regulate the installation or inspection of a residential energy backup system.
 - Passed both the Senate and House; signed by Governor and effective September 1, 2025



Training Opportunities

Need for future training?



Future Agenda Items



Other Business/ Roundtable



Next Meeting

October 21, 2025 9:30 am

Format: Virtual Only





Adjournment



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