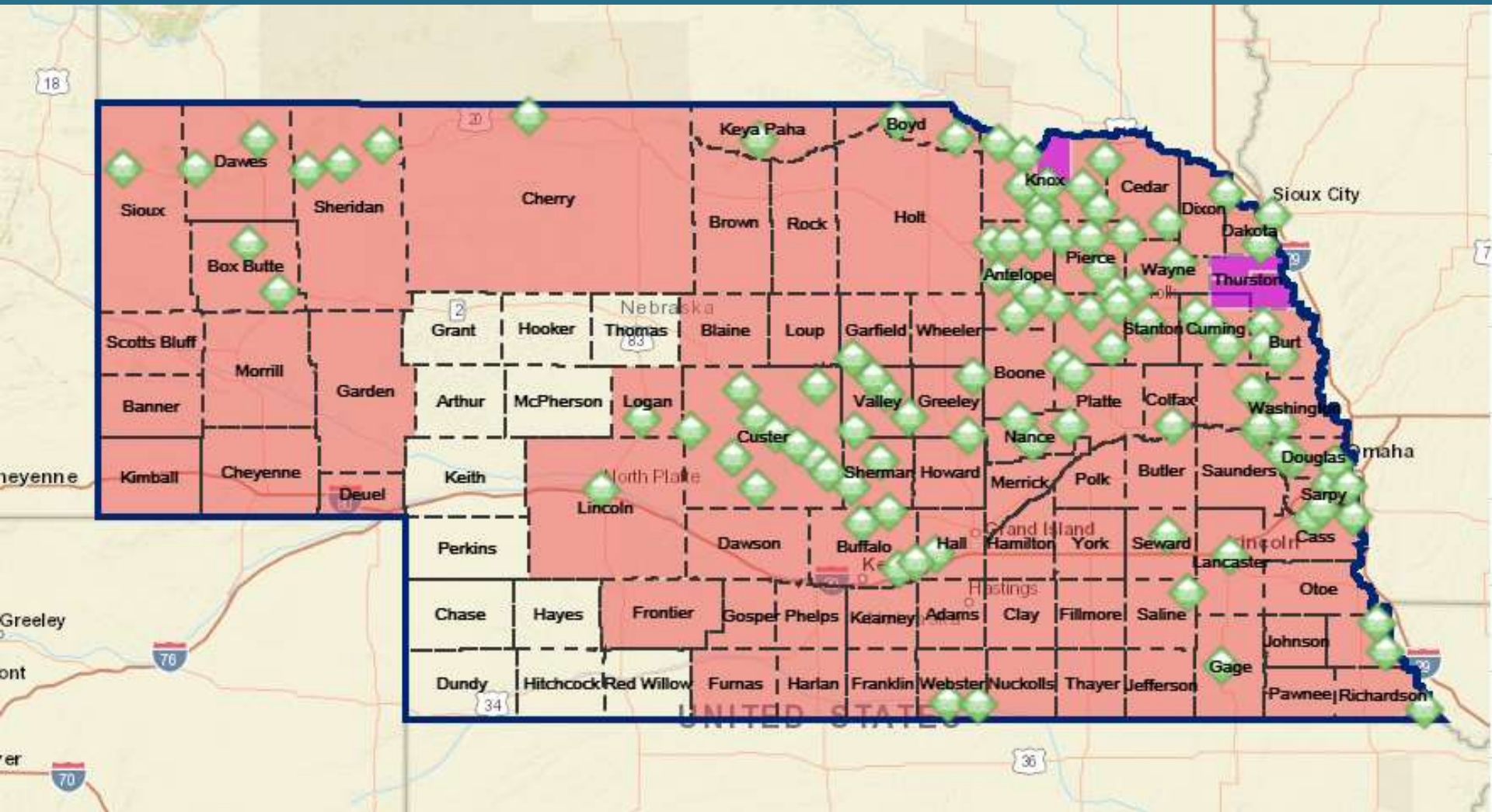


Advances in Building Codes-Energy

2019 NASEO ANNUAL MEETING
Joe Francis – Associate Director



Declared Emergency Areas





Flood Damage Estimates

- Loss of Livestock and Crop Losses total nearly \$900,000,000
- Infrastructure of roads, bridges, and more, nearly half a billion dollars lost.
- Over 2,000 Homes and 340 businesses damaged or destroyed
- 104 cities, 81 counties, and 5 tribal areas declare emergencies
 - Major damage in Nance and Sarpy counties
 - (\$231 million and \$106 million, respectively)

Nebraska Energy Codes History

- **First Energy Code adopted – 1983**
- **Update attempts – 1989, 1996, 1999, 2003, 2004, 2011**
- **Codes Collaborative Formed – 2015**
 - NEO
 - Builders
 - MEEA
 - Utility Reps
 - Code Officials
 - Building Supply Vendors
 - League of Municipalities

Codes Collaborative Activities

- **Meets on a regular basis – “Quarterly”**
- **Discussions related to:**
 - Codes Compliance Issues/Concerns
 - Education Opportunities
- **Energy Code Compliance in Nebraska**
 - Relies, to a large degree, on local code jurisdictions, the statute provides a lot of local flexibility
 - From a state standpoint—enforcement is limited to:
 - Ensuring state-owned/funded buildings are code compliant
 - NDEE responds to building owner complaints within two years of construction

Nebraska's 2018 Adoption



- **LB 405 – (LB 348)**
 - Energy Code ONLY
 - NDEE Responsibility
 - Enforcement Related to State Owned, State Funded Buildings and Complaint Buildings
 - **TRAINING** for All Members of Nebraska's Construction Industry
 - Provisions for State Building or Local Waivers

Success Factors

- **Well Organized, Engaged, Diverse Group**
- **Building Census and Providing Education Resulted in a Lack of Opposition**
- **An Independent DEE Study Verified that:**
 - Cost for meeting '18 IECC - \$3-4K per home
 - Simple Payback – 18-26 yrs. (absent health and safety)
 - Remove Health & Safety Costs – Building increase of \$2.8-3K, Payback of 14-15 yrs.

Questions?



More Specific Questions May Be Directed to:

Lynn.Chamberlin@Nebraska.gov

Bruce.Hauschild@Nebraska.gov