



# Are We Focusing on Risk? Insights from the Retail Inspection Data Analytics Project

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## What makes an inspection “risk-based”?

- **Focuses** on factors most likely to cause foodborne diseases
- **Supports** the systematic identification, evaluation, and control of food safety hazards
- **Promotes** preventive rather than reactive actions



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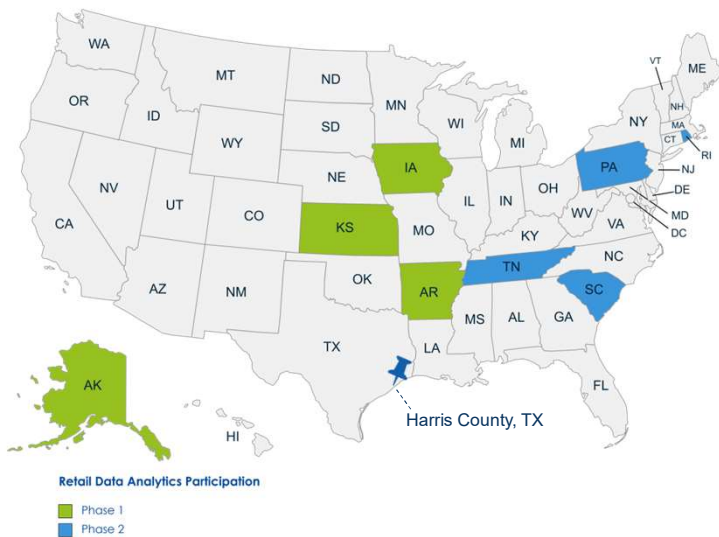
## How do we know we know we are on target?

Can inspection data tell us if we are conducting quality risk-based inspections?



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## Retail Food Inspection Data Analytics Project



### SUMMARY DATA

#### DATE RANGE:

1/1/2017 – 12/31/2022

#### NUMBER OF FACILITIES:

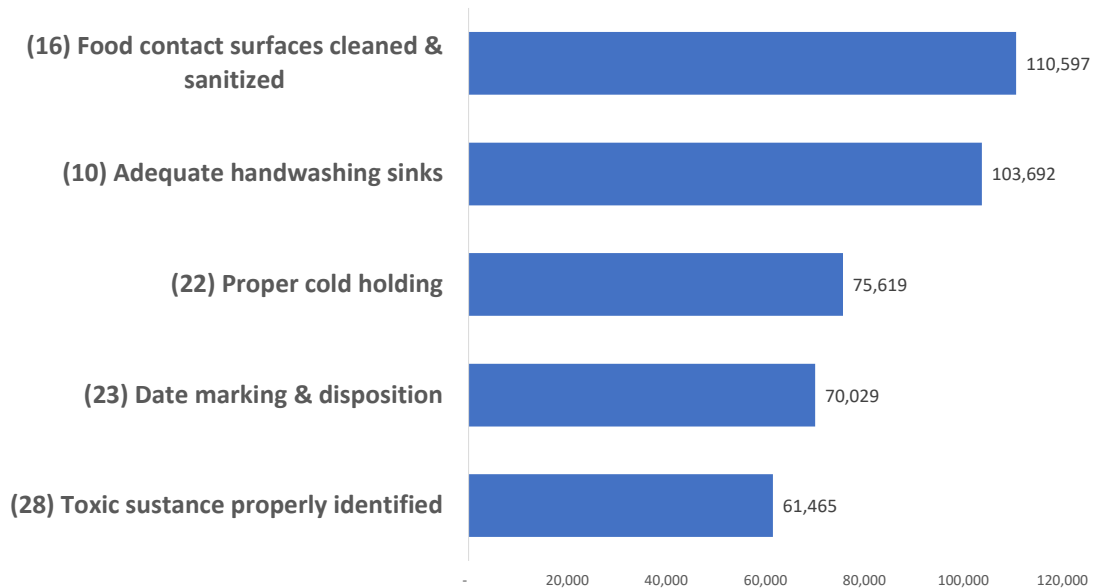
257,000

#### NUMBER OF INSPECTIONS:

852,000

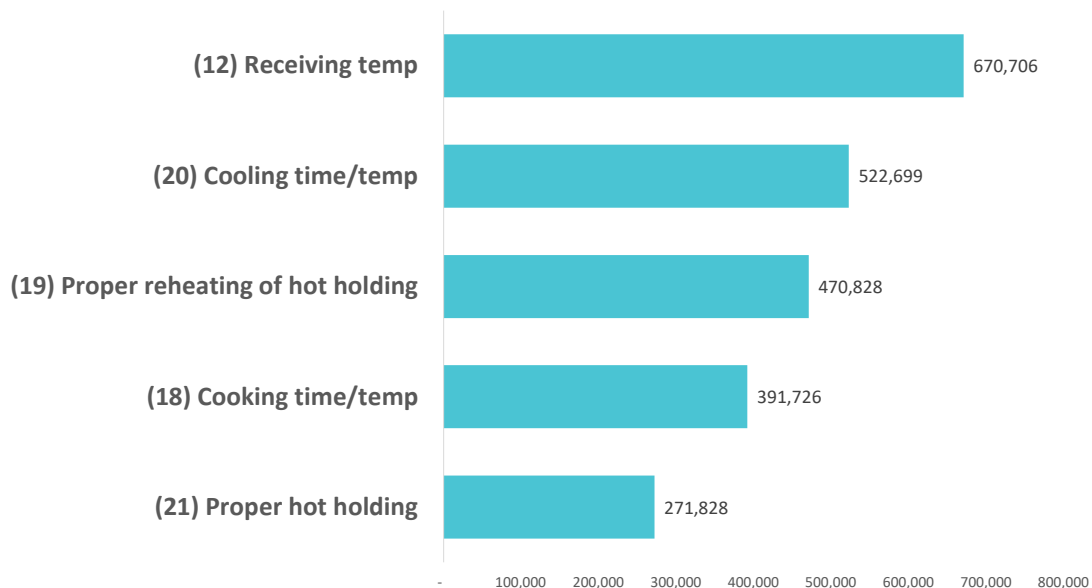
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## Top Risk Factors OUT OF COMPLIANCE



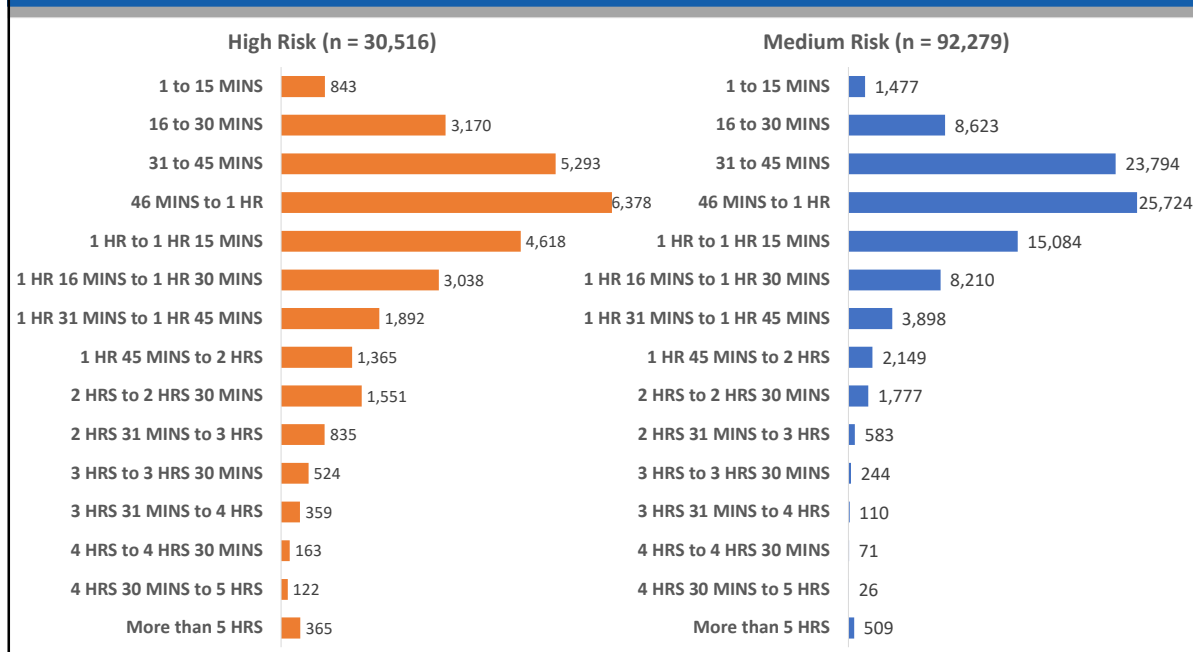
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## Top Risk Factors NOT OBSERVED



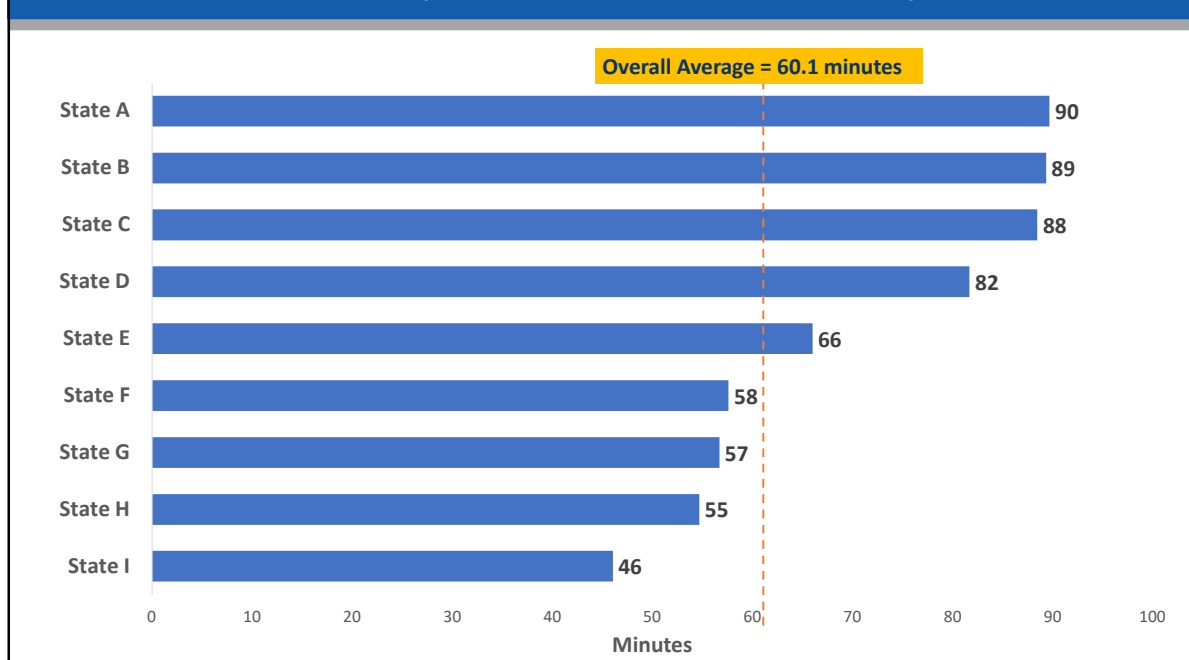
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## Routine Inspection Duration – High and Medium Risk Facilities

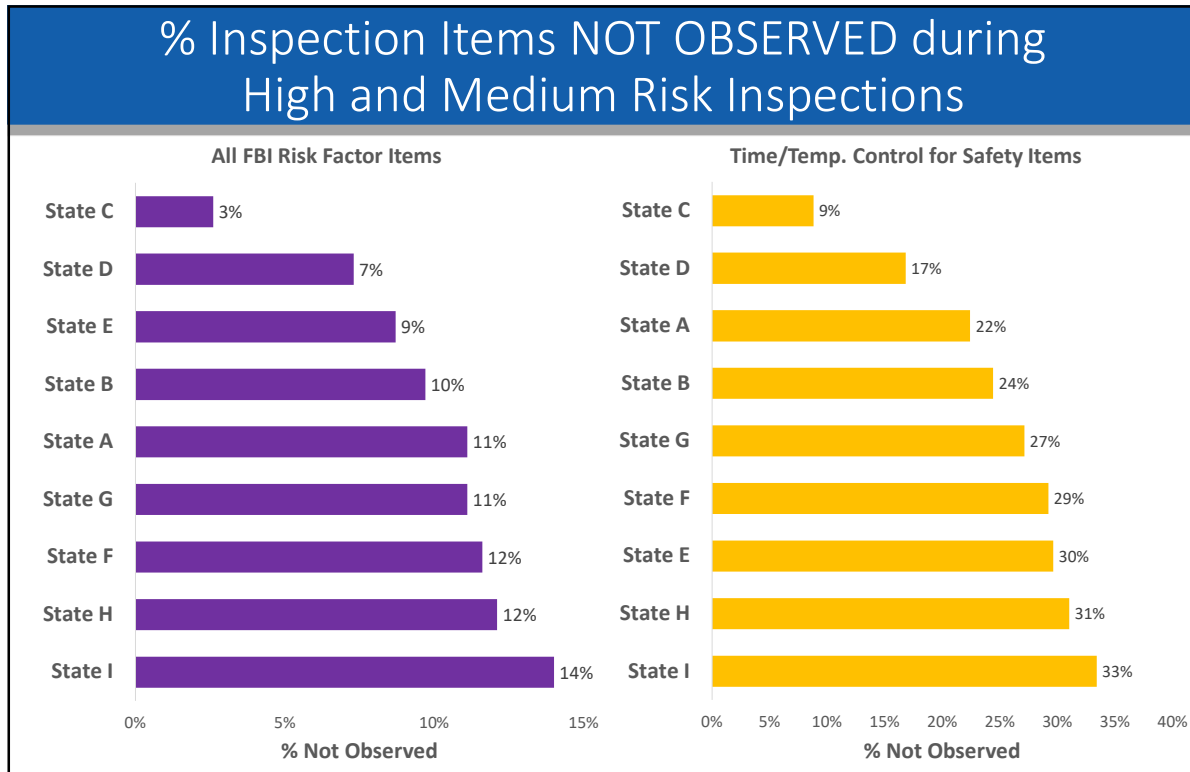


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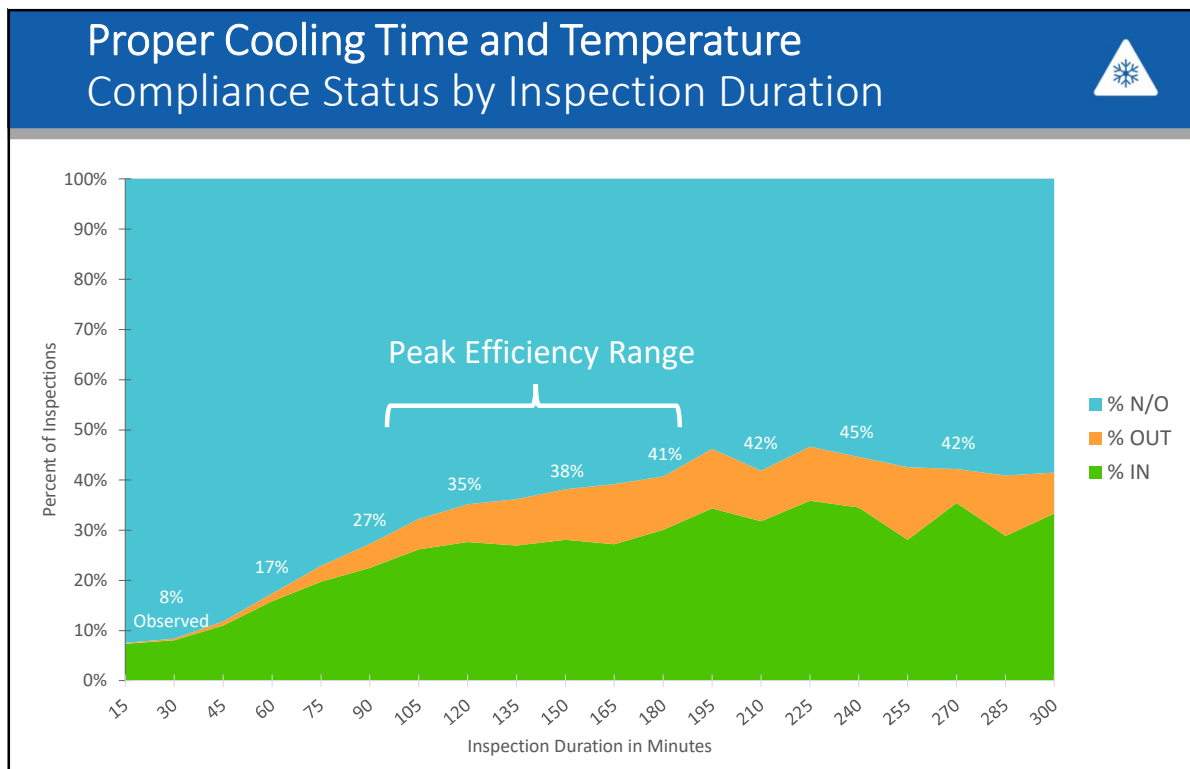
## Routine Inspection Duration by State



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Are we  
focused  
on the  
**right**  
things?



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## Questions future data analysis can help answer

- ? Are we observing the right things and inspecting at the right time?
- ? Are we looking for and finding the root cause of risk factor violations?
- ? Is compliance for the moment or permanent?
- ? Are our actions having a positive public health impact?

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