

# National Infrastructure Advisory Council

## RECOMMENDATIONS STATUS SUMMARY

2004-2015



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Security

# NIAC Studies

- NIAC delivered 26 studies and reports from 2004-2015
- Recommendations totaled 265



# Subjects

- Topics encompassed the entire range of critical infrastructure issues:
  - Cyber, physical and work force security strategies
  - Public-private partnership models and approaches
  - CI Intelligence and information sharing
  - Entire range of national preparedness of CI from prevention, protection, consequence mitigation, response to recovery and resilience
  - CI risk management and effective practices



# Definitions of Recommendation Implementation

Status [1]	Definition
Fully Implemented	<ul style="list-style-type: none"><li>Accepted for full implementation</li></ul>
Partially Implemented	<ul style="list-style-type: none"><li>Accepted for partial implementation</li></ul>
Not implemented	<ul style="list-style-type: none"><li>Recommendation will not be implemented by assigned agency</li></ul>
Under Review	<ul style="list-style-type: none"><li>Assigned agencies determining feasibility for implementation</li></ul>

*Note [1]: Recommendations may take years to implement, so status reflects agency's acceptance or non-acceptance of a recommendation for implementation.*



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# Results Summary

## 2004-2015

Status	Number of Recommendations	% of Total Recommendations
Fully Implemented	194	73.2%
Partially Implemented	16	6.0%
Not Implemented	16	6.0%
Under Review	39	14.7%
Total	265	100%



# NIAC Study Observations

## ■ NIAC advice far-sighted

- Identified issues and risks, and proposed approaches to address them years before they were recognized as priorities
- E.g. Insider threat, convergence of physical and cyber Issues and their challenges, cross sector dependencies

## ■ NIAC advice impactful

- Relatively high acceptance for implementation (nearly 80%)
- Extensively researched
- Data collected from wide range of sources and perspectives
- Deemed useful and influential by various sources in academia, SLTTG, and parts of CI community because of its participant inclusiveness in study development



# Effective Recommendations

- Evolution over time on clarity and focus
  - Specificity of actions to take
  - Specificity of accountability in recommendations (the NIAC advises agency heads and the President)
  - Understanding and incorporating required precursors as recommendations to achieve a specific identified outcome (e.g. legislation, policy, authorities, organizational structure)
  - Recognition of potential time required, and identifying milestones to measure progress



# DISCUSSION/QUESTIONS



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