

ITE Traffic Signal Report Card:

National Results and Experiences Completing the Report Card

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Presentation Outline

- Traffic Signal Operation Self Assessment
- National and Local Results/Findings
- National and Local Experiences
- Available Tools

Self Assessment

Indicators

- Proactive Management
- Coordinated Signal Systems
- Individual Signal Systems
- Specialized Operations
- Detectors
- Maintenance

Scoring

Participants in National Study

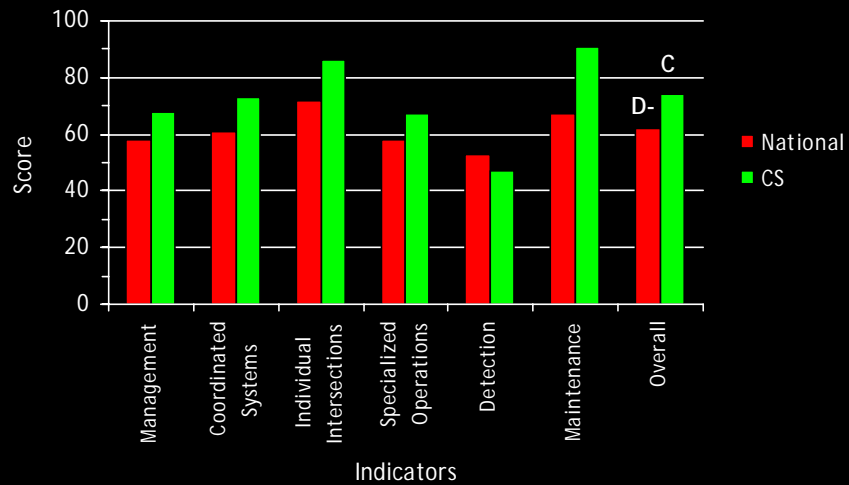
378 Responses

- 49 states represented
- 242 cities
- 62 counties

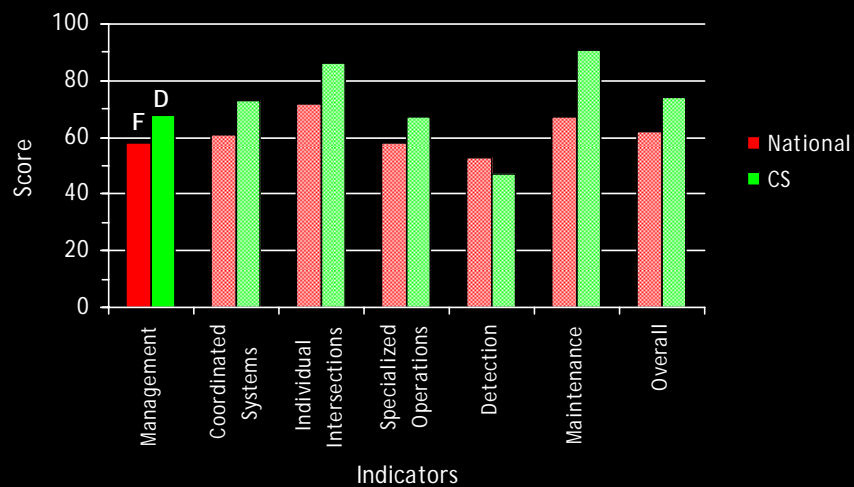
Good distribution between

- Population
- Signal system size

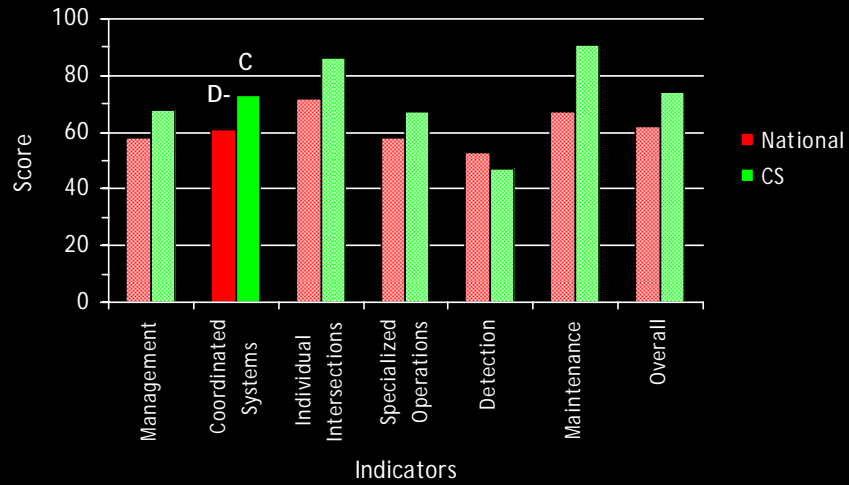
Assessment Grades



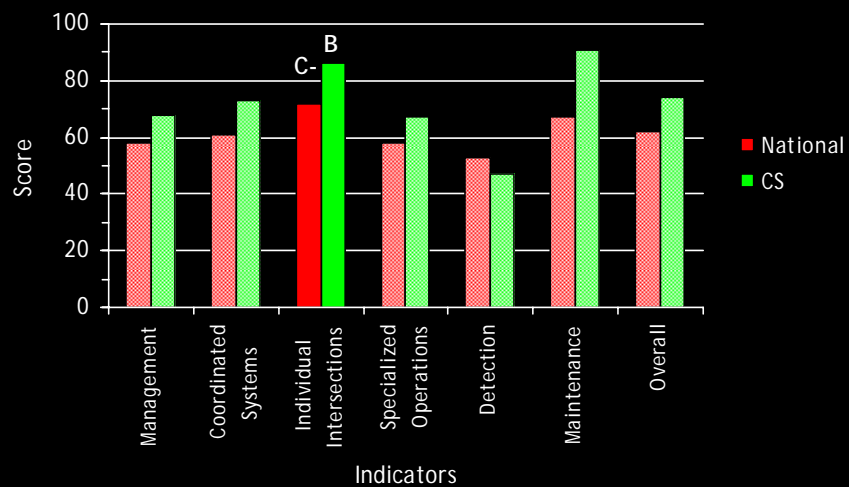
Assessment Grades: *Management*



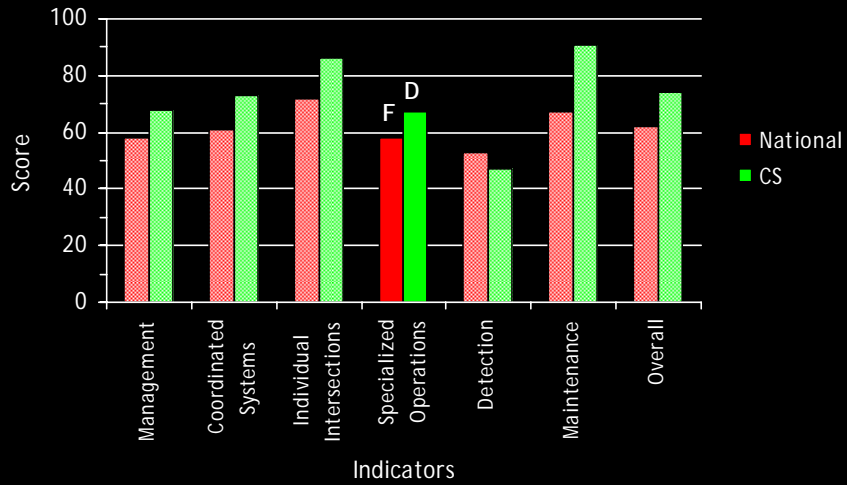
Assessment Grades: *Coordinated Signal Systems*



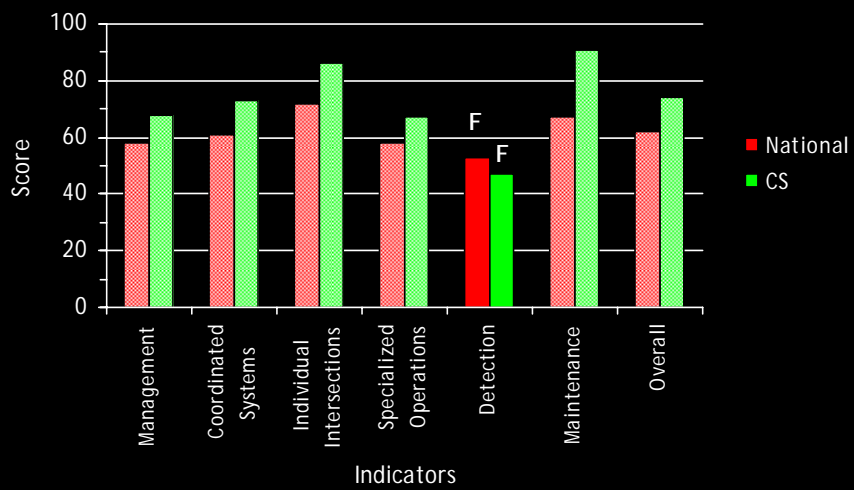
Assessment Grades: *Operations of Individual Intersections*



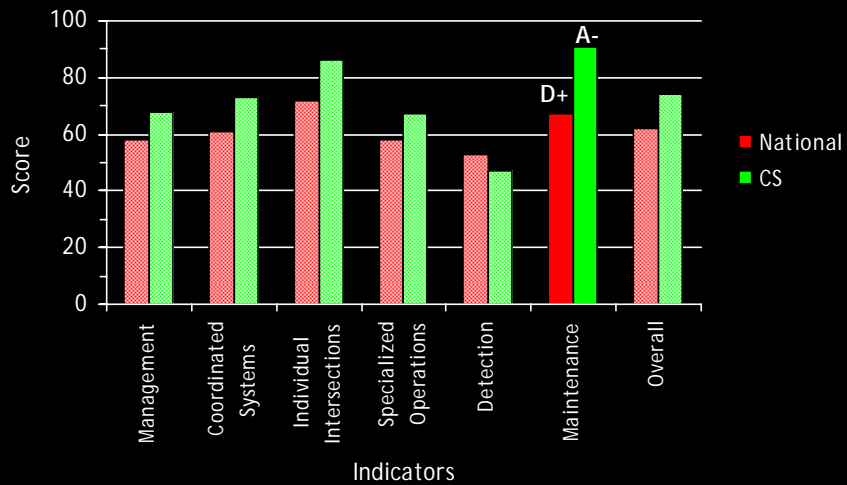
Assessment Grades: *Specialized Operations*



Assessment Grades: *Detection Systems*



Assessment Grades: *Maintenance*



Findings

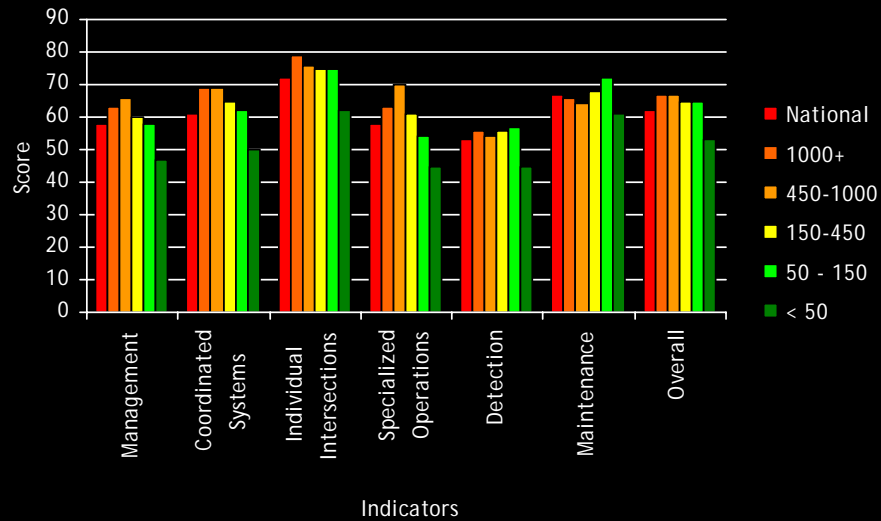
National

- Not operating as an efficient, well-integrated system
- Proactive management is limited
- Resources spent *fighting fires*

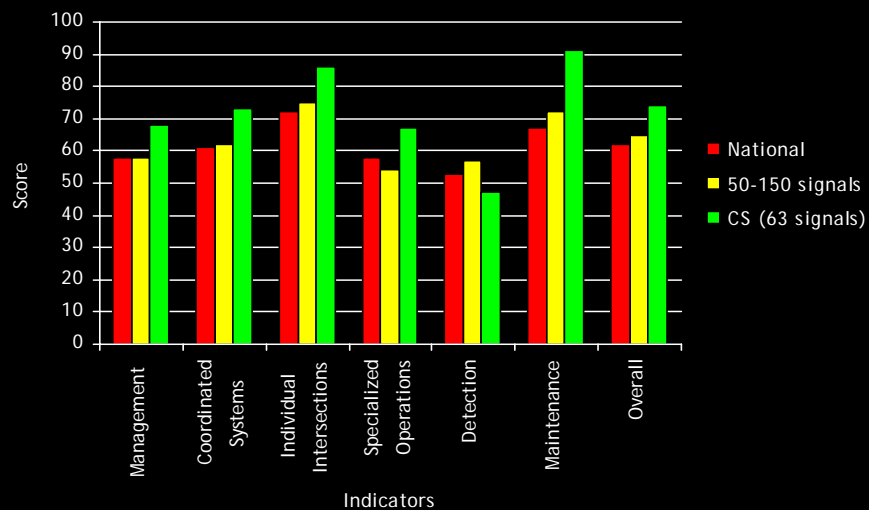
College Station

- Respond to one call per day
- Signals maintained monthly

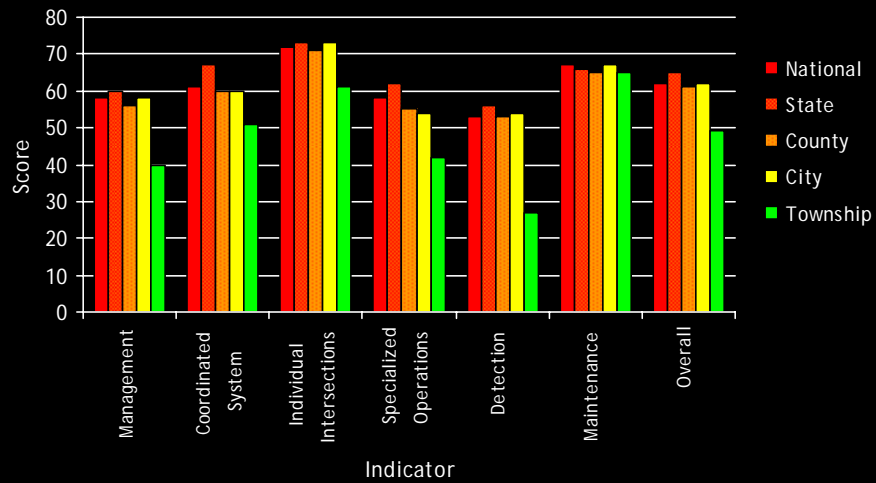
Results by Signal System Size



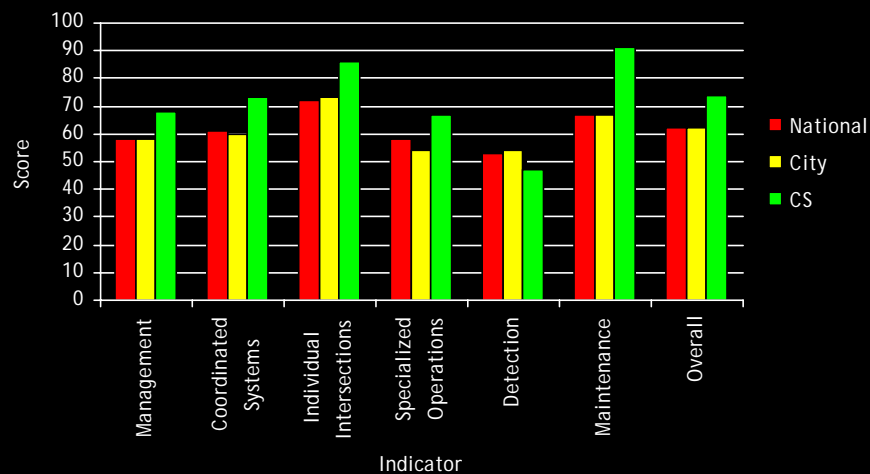
Compared to College Station by Signal System Size



Results by Agency Type



Compared to College Station by Agency Type



National Evaluation

- 50% found assessment tool useful
- 84% said assessment tool was accurate
- 67% recommend 3-5 year repeat
- 57% said report card was good for agency
- 78% said report card was good for transportation community
- 95% would participate again

Local Evaluation

- A small investment of time
- Found quick fixes for improvement

National Traffic Signal Report Card

- Tools available at www.ite.org/reportcard/
 - Self assessment
 - Report Card
 - Presentation
 - Supporting materials
- What's Next?

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