

STAPPA/ALAPCO SURVEY ON:

**DATA TRANSFER AND MANAGEMENT FOR
AMBIENT AIR MONITORING PROGRAMS**

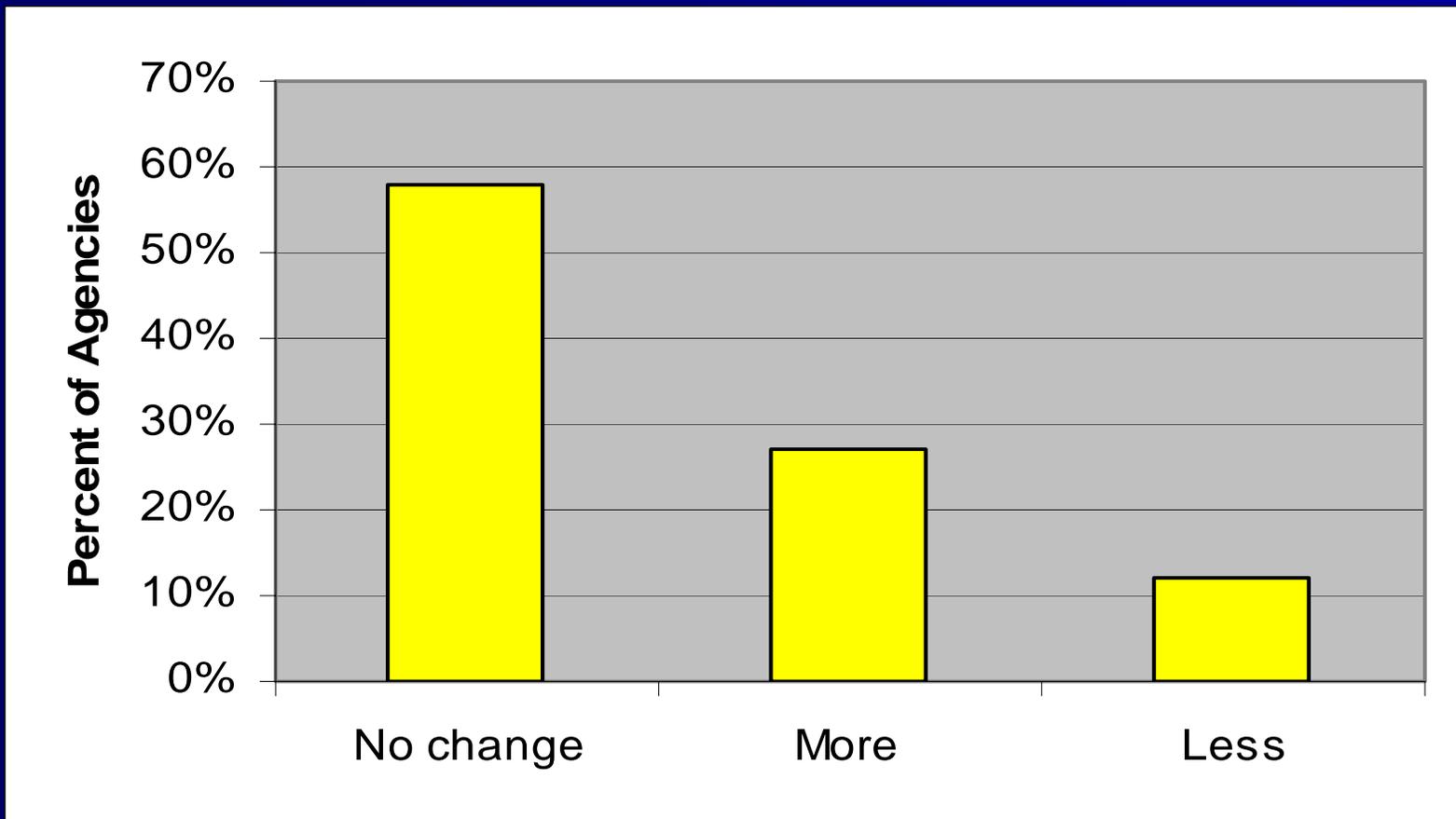
Purpose

- Respond to recurring comments from State and Local air agencies
- Provide results to EPA for developing strategy to meet future needs
- Assess if a more detailed AQS survey was warranted

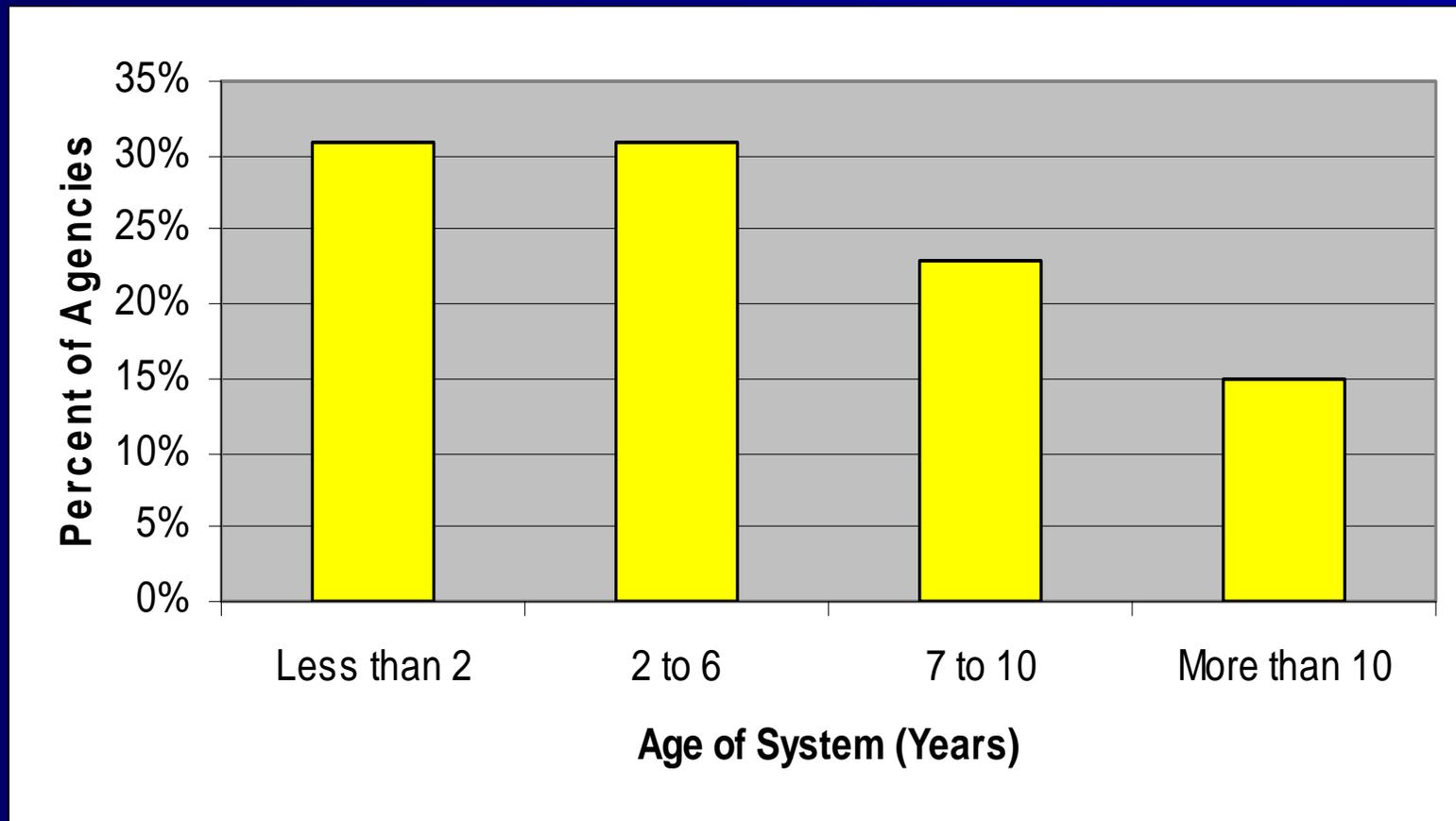
STAPPA/ALAPCO Survey Results

- 26 Agencies participated
 - 22 State agencies
 - 4 Local agencies
- Cumulative:
 - 1033 monitoring sites
 - 2634 monitors

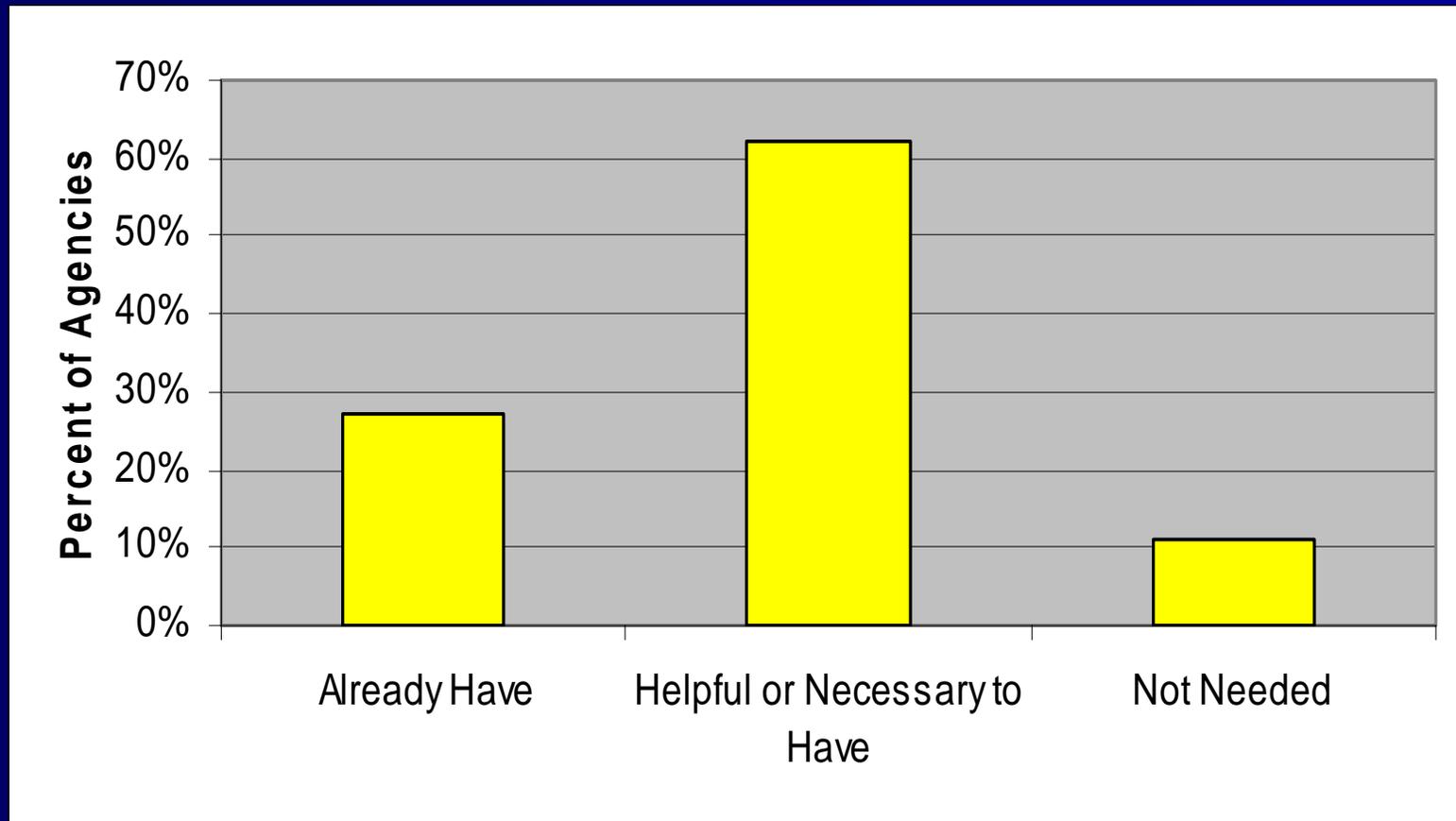
Expected Future Changes in the Number of Air Monitoring Sites



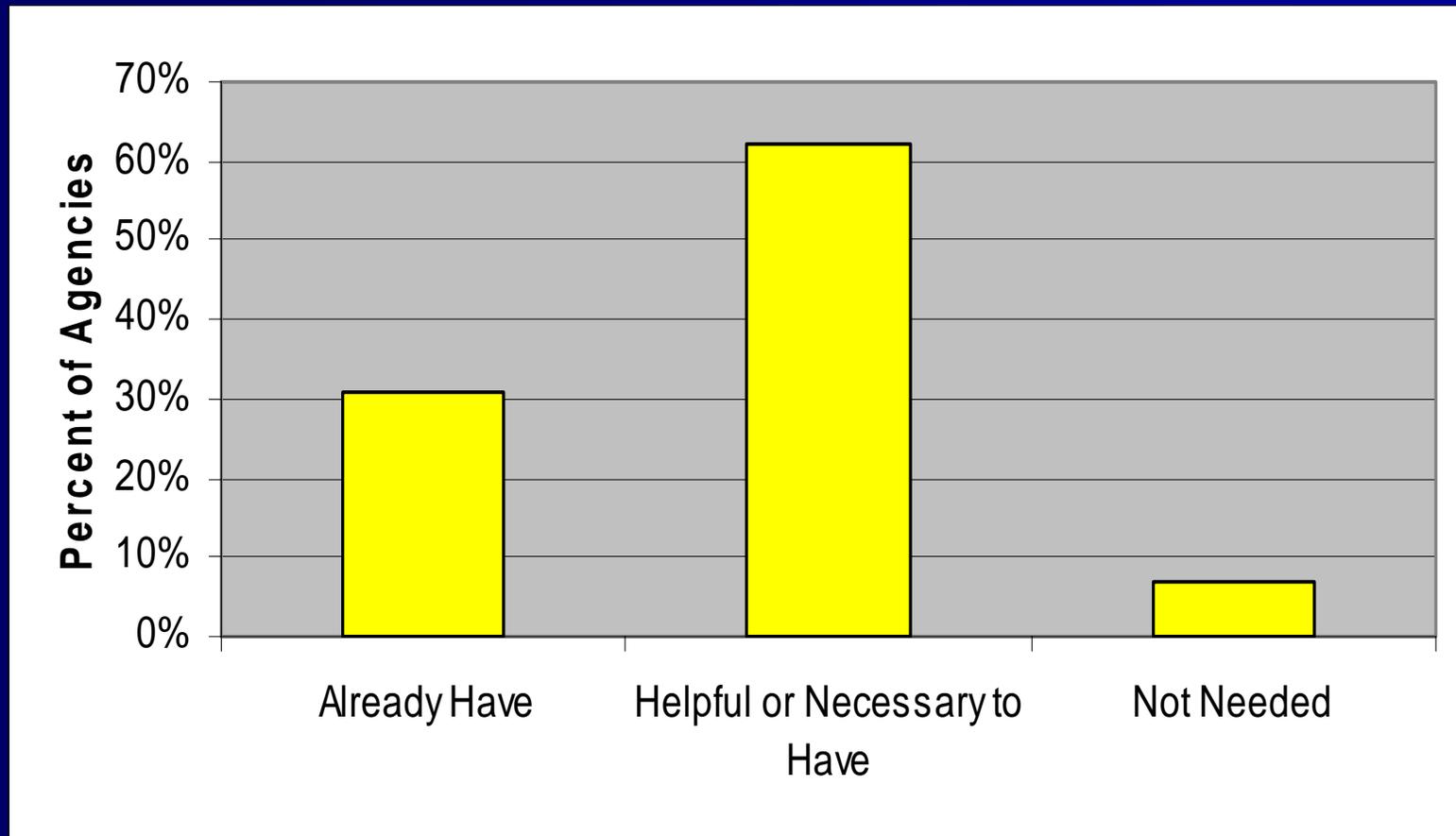
Age of Existing Telemetry Systems



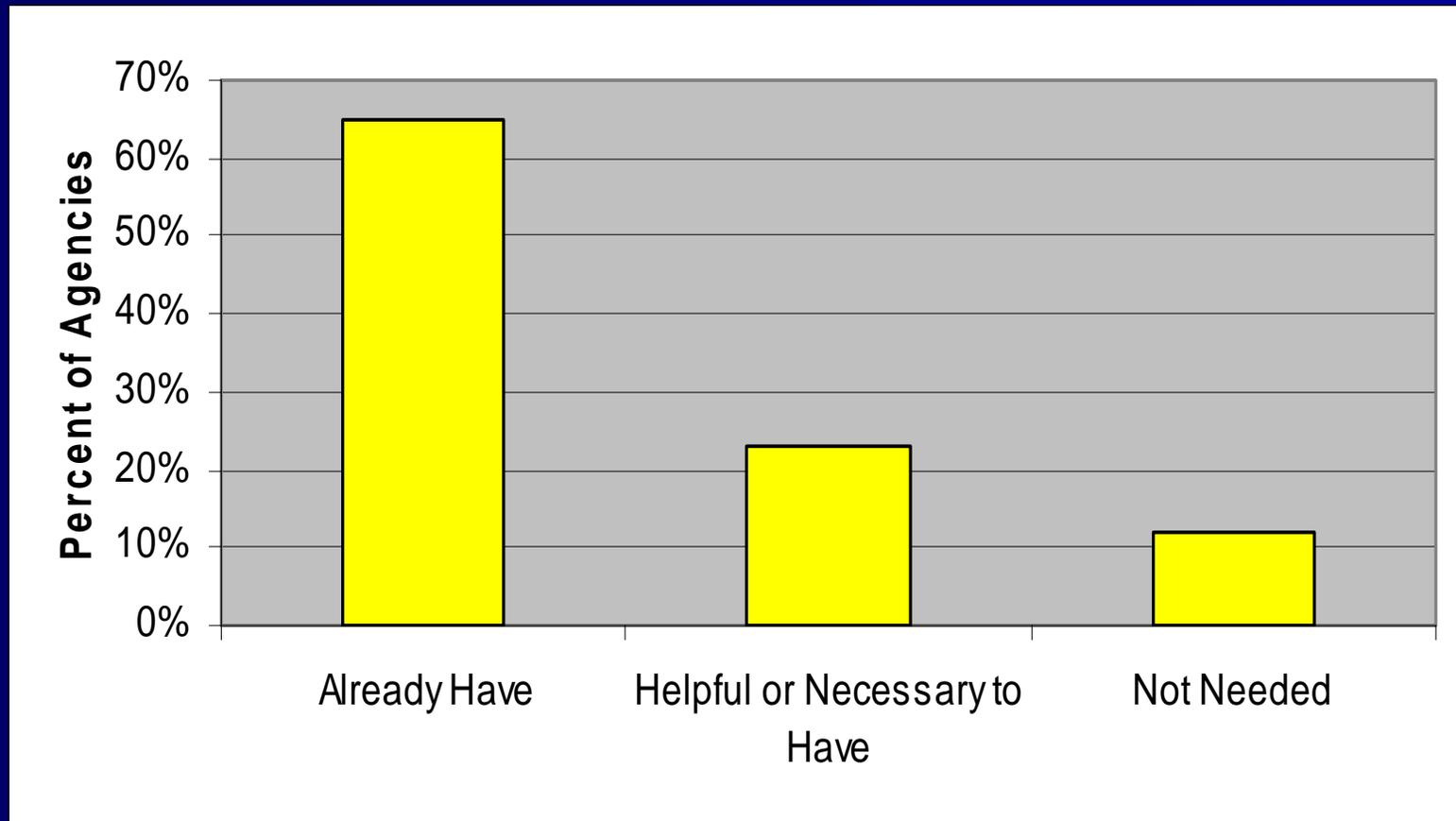
Desirable Features: Digital Capture of Data



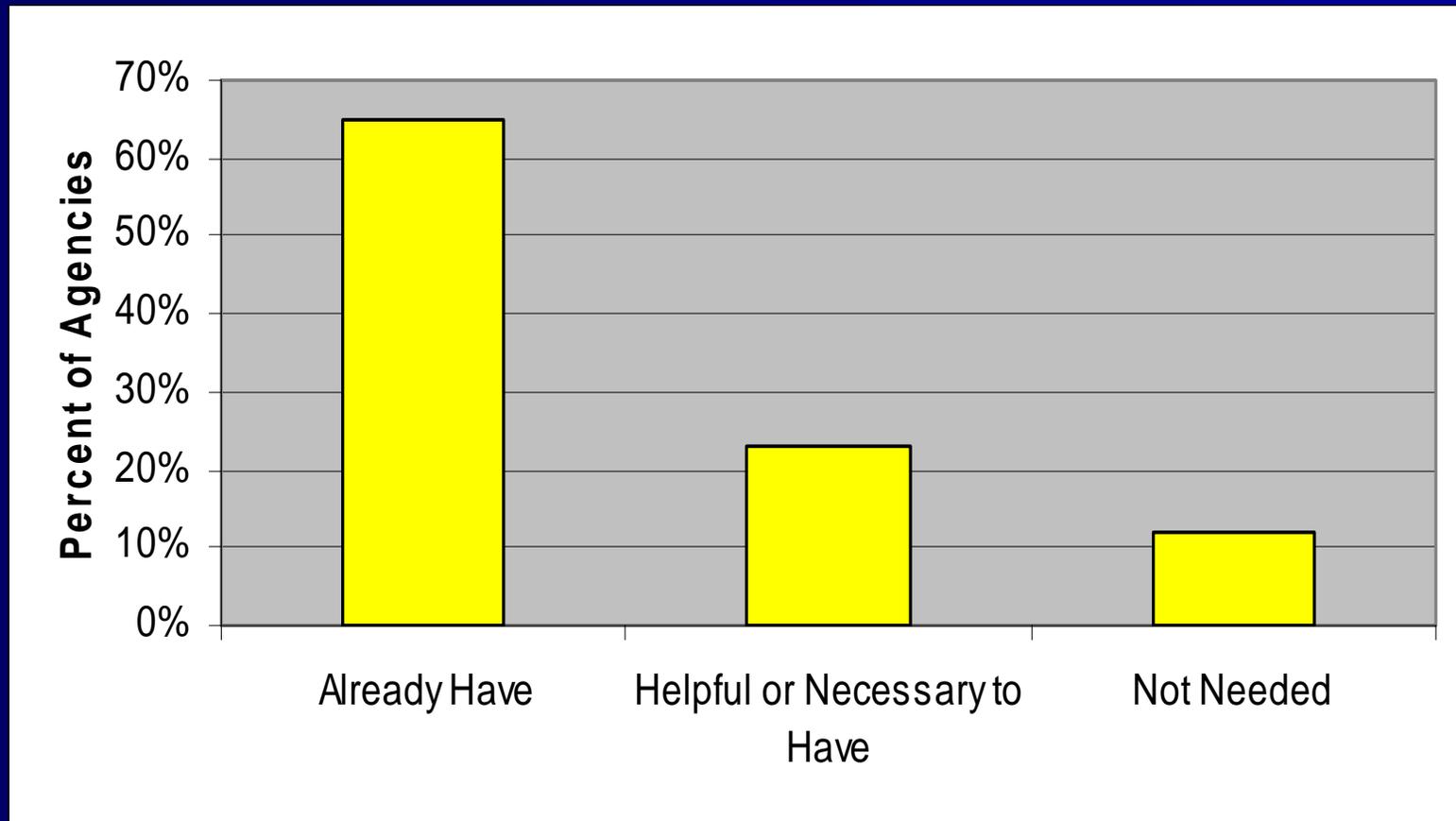
Desirable Features: Instrument Status Info



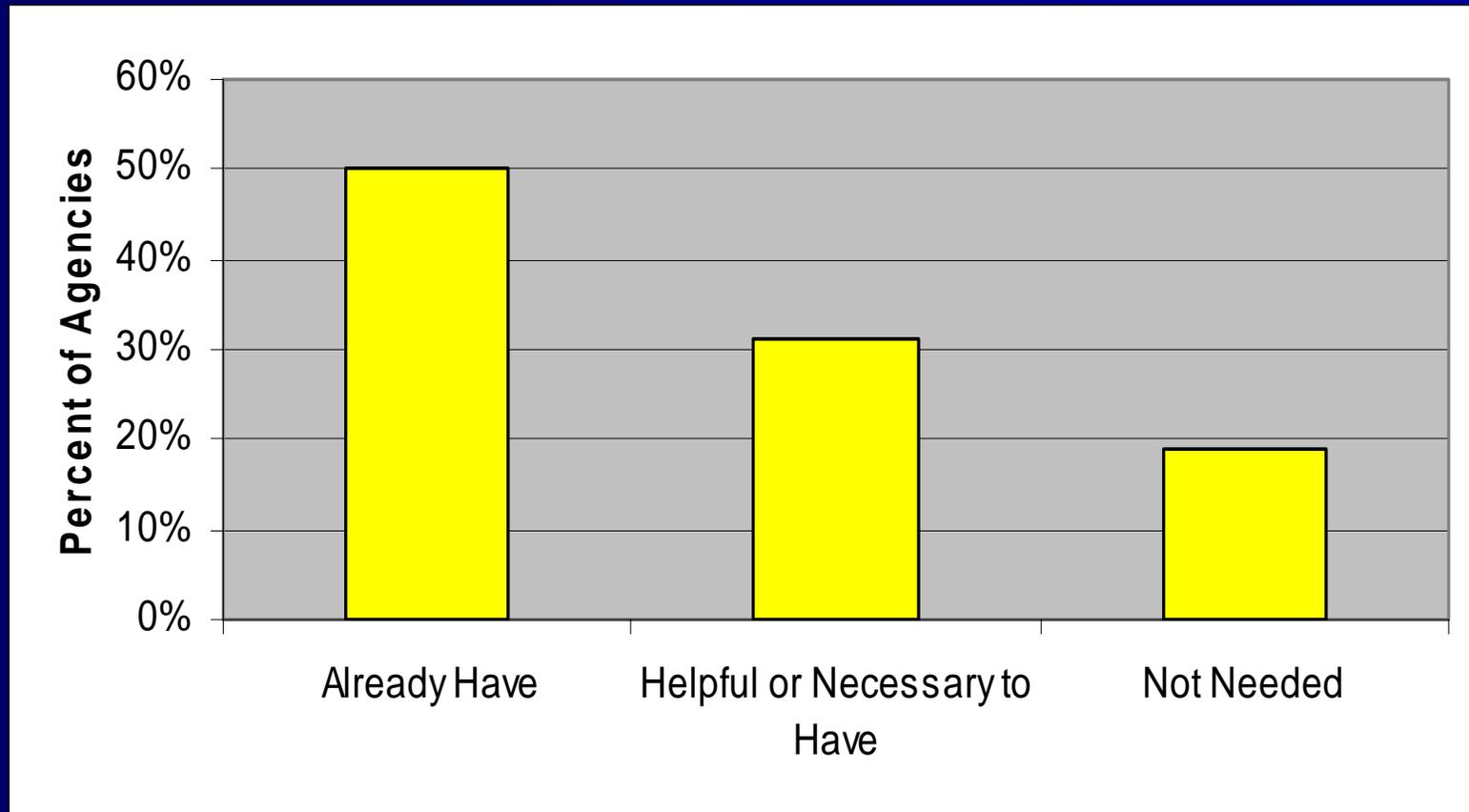
Desirable Features: Auto Zero & Span



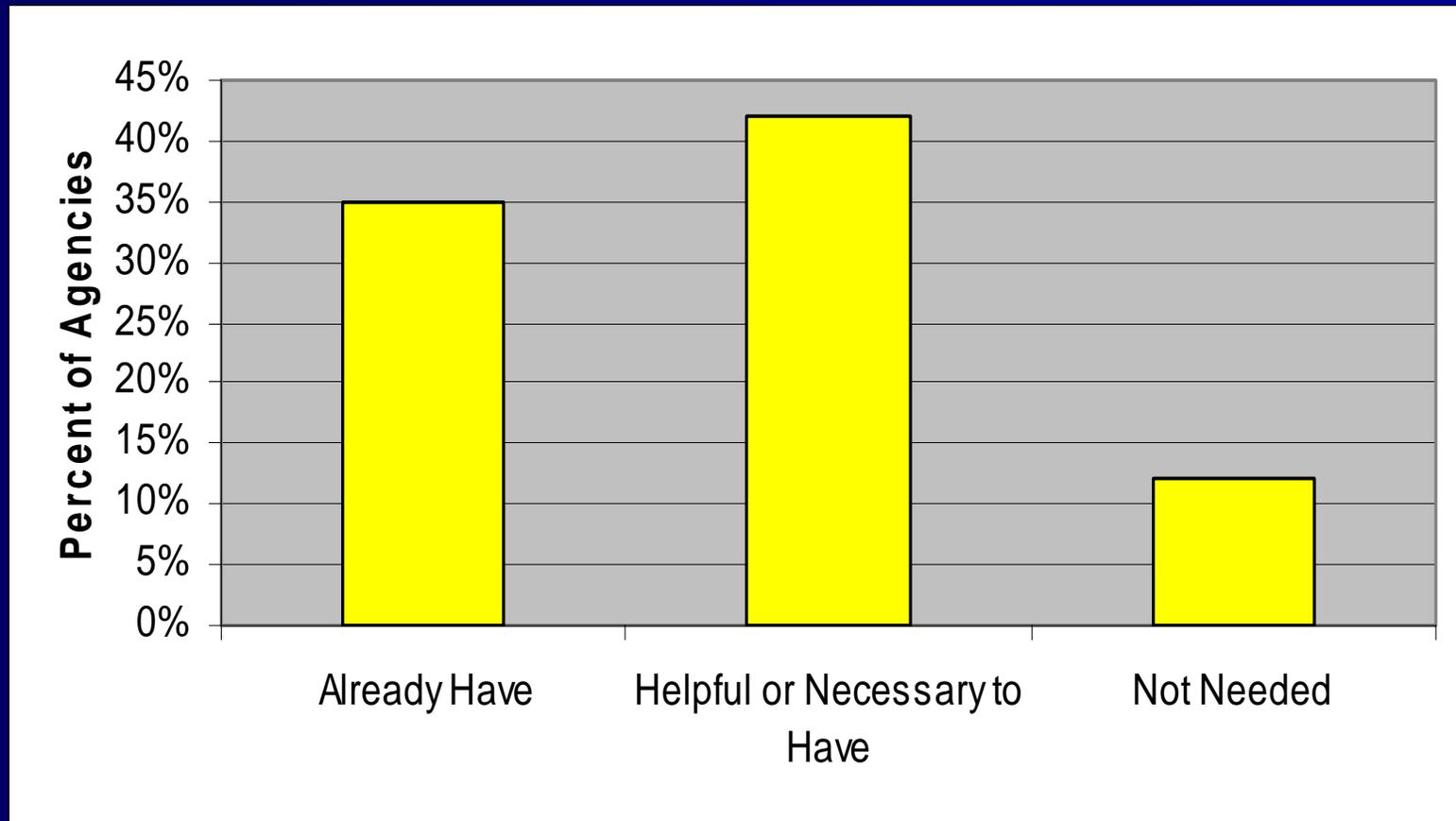
Desirable Features: Remote Zero & Calibration



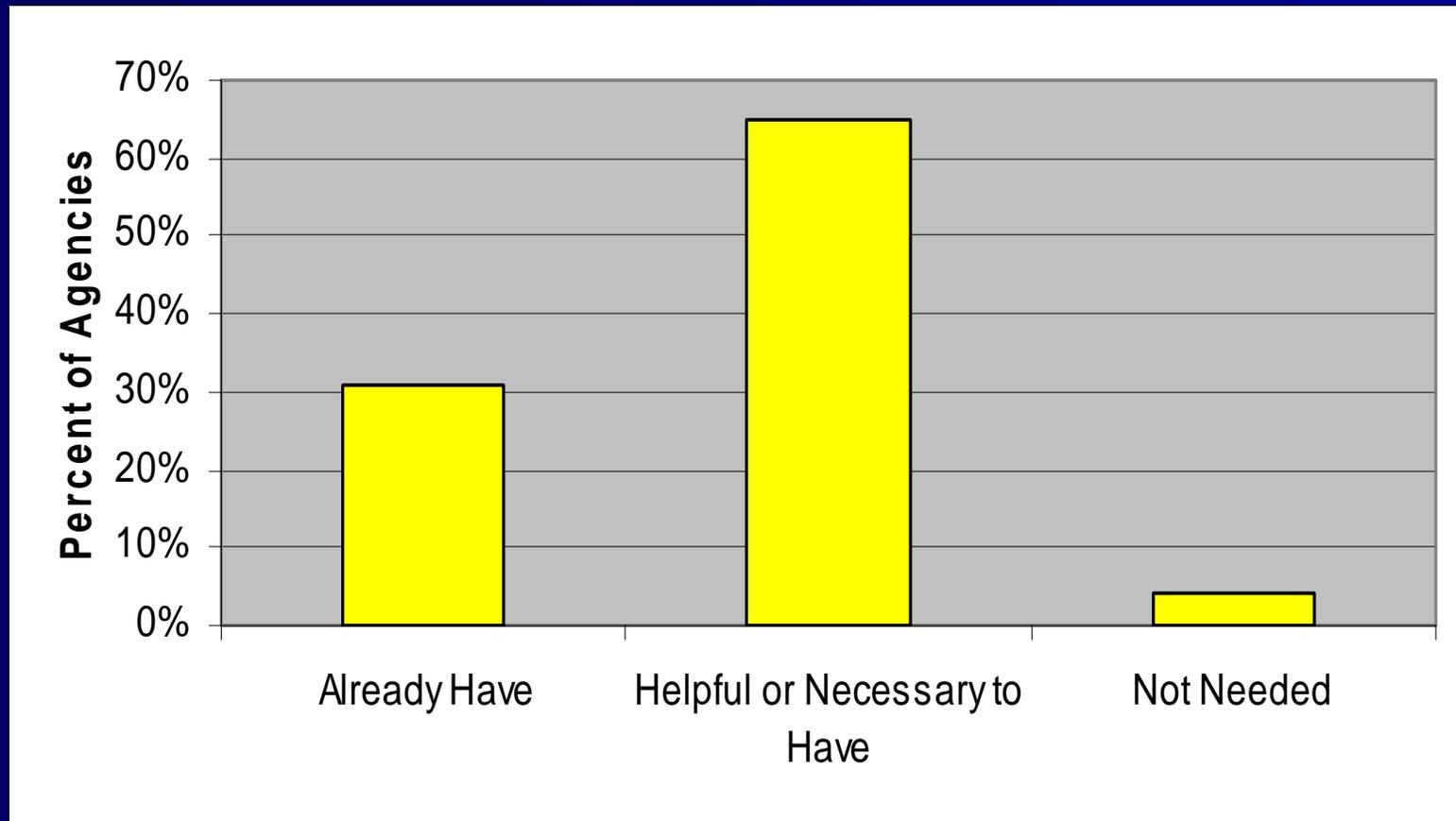
Desirable Features: Electronic Strip Charts



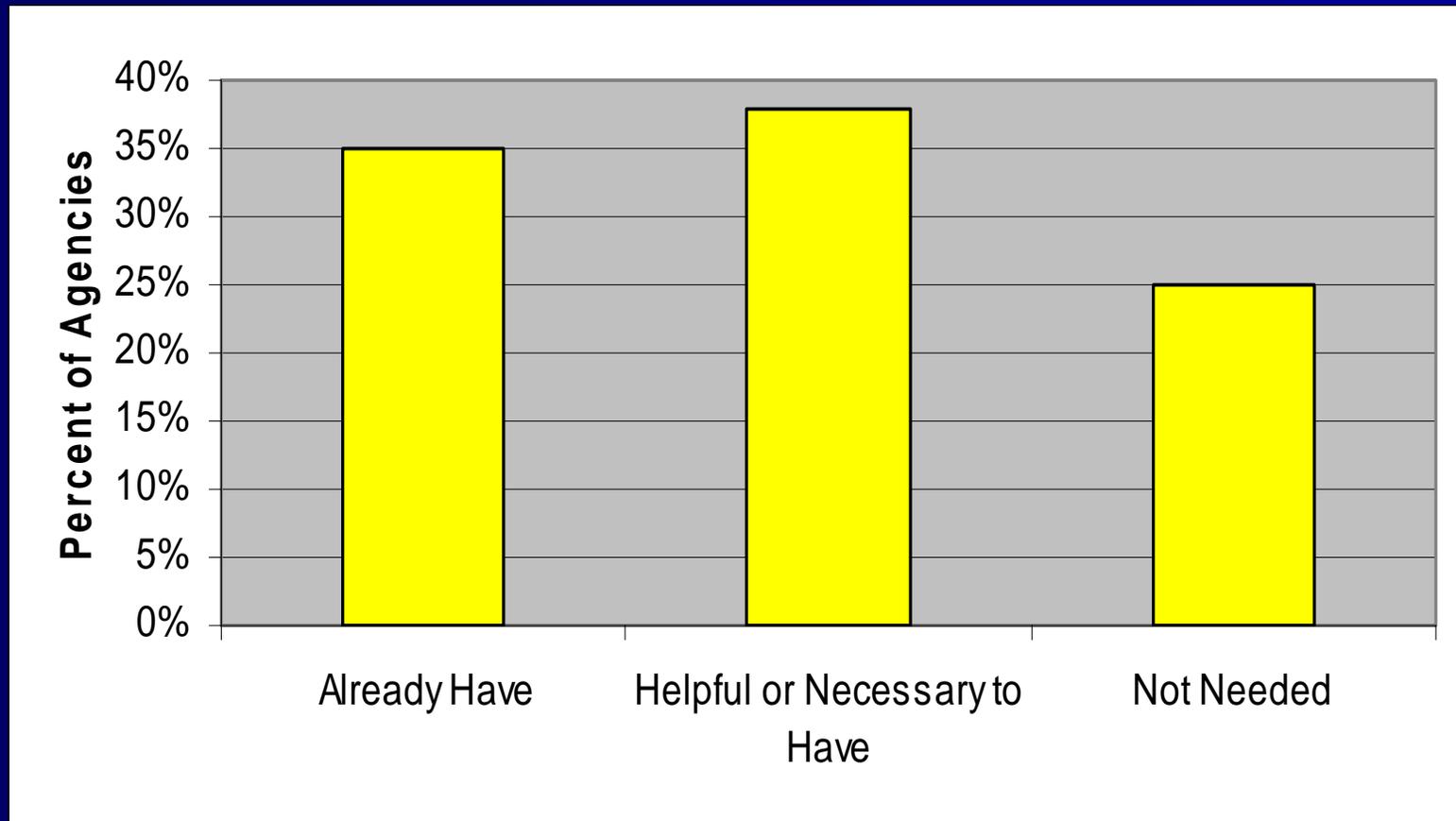
Desirable Features: Automatic Data Validation



Desirable Features: Electronic Log Book



Desirable Features: Web Queries from Others



Barriers to Upgrading (Ranked from Most Difficult)

- Cost
- Current system is too new
- Complexity of creating new system design
- Difficulty to transition to new system

Barriers to Upgrading (Ranked from Most Difficult)

- Oversight by another agency
- Training
- Compatibility

National or Multi-Regional Partnerships

- Limited interest in partnerships for procurement purposes
- Greatest benefits are seen for standardized formatting of data streams (ranked over 4 on a 5-point scale)

AQS Topics

- 50% would like to see a separate survey on AQS
- 46% use AQS as their primary data base management system
- 50% use AQS as the main repository of data