



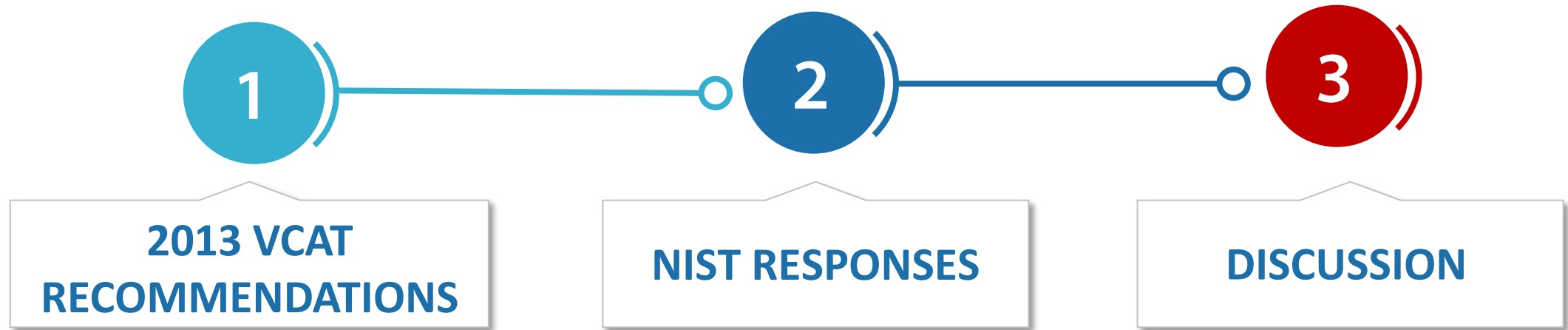
NIST SAFETY UPDATE

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Director, Office of Safety, Health, and Environment (OSHE)

NIST Visiting Committee on Advanced Technology
Gaithersburg, MD
February 4, 2015



Agenda



2013 VCAT RECOMMENDATIONS

1

Establish a Slips, Trips, and Falls Baseline

Establish a baseline to measure the success of efforts to reduce slips, trips, and falls. Report to the VCAT regularly on progress.

2

Expand the NIST Shared Standard

Expand the number of common safety issues included in the NIST Shared Standard of Safety Performance.

3

Demonstrate the Success of the Shared Standard

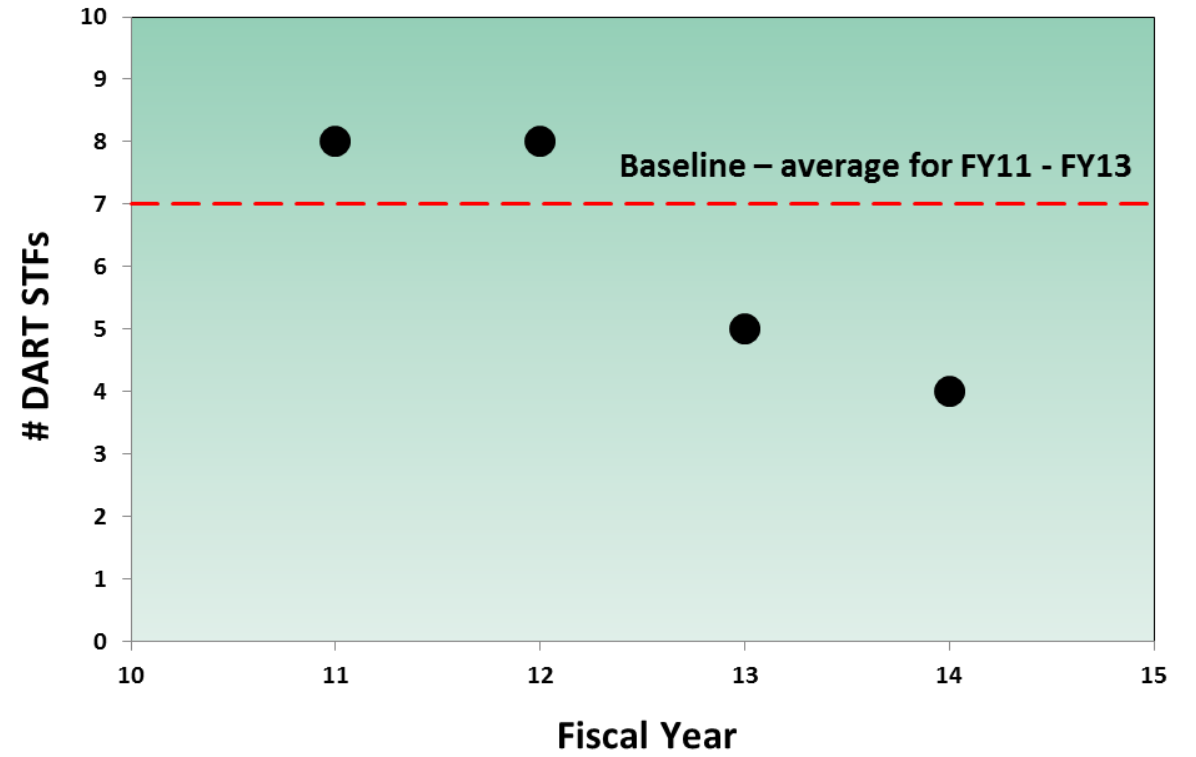
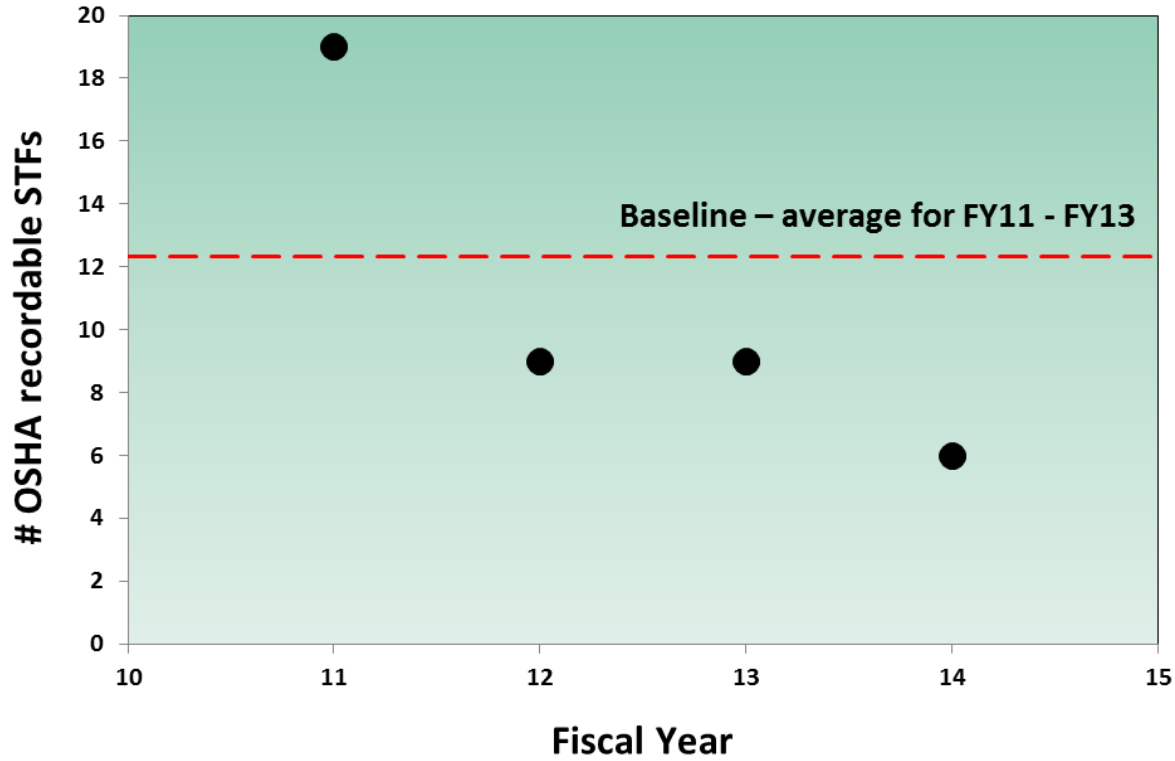
Implement metrics to demonstrate the success of the Shared Standard program in eliminating common safety issues at NIST.

4

Conduct Safety Culture Survey

Conduct a safety culture survey to assess progress in making safety an integral core value and vital part of the NIST culture. Compare the results to those of the safety climate survey completed in June 2011.

ESTABLISH A SLIPS, TRIPS, AND FALLS BASELINE





Shared Standard of Safety Performance

Focusing our collective attention on eliminating common safety issues at NIST



Slips, Trips, & Falls Resources



Electrical Cord Resources



Chemical Labeling Resources



Share Solutions

Everyone

- Learn about the common safety issues
- Identify any common issues in your work areas
- Correct the issues you can and notify your supervisor if you can't
- Avoid introducing new common issues
- Alert your colleagues to common issues you see in their work areas
- Share your creative solutions to common safety issues with OSHE

OU Management

- Discuss your Shared Standard expectations with staff
- Consult with staff members on issues they can't correct themselves
- Contact OSHE if you need assistance
- Consolidate and prioritize common issues requiring OFPM support
- Communicate the status of OFPM work orders to the staff
- Monitor conditions and address any issues identified

OSHE

- Provide information and guidance on the common safety issues
- Assist OU management in identifying possible solutions to common safety issues
- Share creative solutions to common safety issues across NIST

OFPM

- Support the OUs in correcting common safety issues they can't correct themselves
- Communicate the status of OFPM work orders to the OUs

EXPAND THE NIST SHARED STANDARD



HEAVY ITEMS
Store heavy items at lower levels.

LIQUID CHEMICALS
Store liquid chemicals and corrosives below eye level.

FREQUENTLY USED ITEMS
Store commonly used items between shoulder and eye level.

STACKED ITEMS
Keep stacks of stored items lower than eye level.

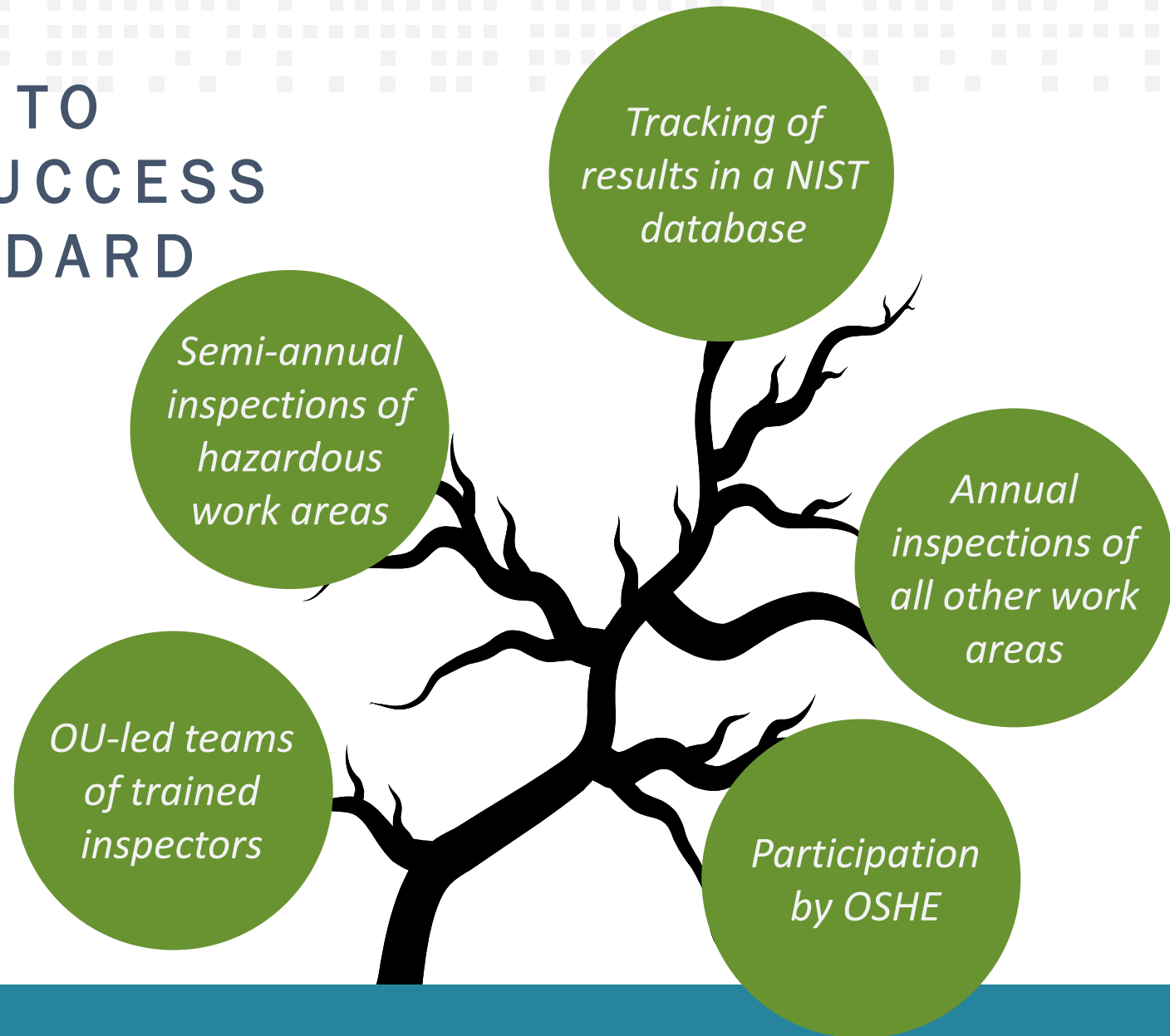
HALLWAY AND STAIRWELLS
Do not store items in hallways and stairwells.

IMPLEMENT METRICS TO DEMONSTRATE THE SUCCESS OF THE SHARED STANDARD

FOCUS ON SHARED STANDARD ISSUES

→ TRACK PROGRESS IN ELIMINATING THEM

→ IDENTIFY POTENTIAL NEW ISSUES



CONDUCT SAFETY CLIMATE SURVEY



Management
Commitment



Adequacy of
Resources



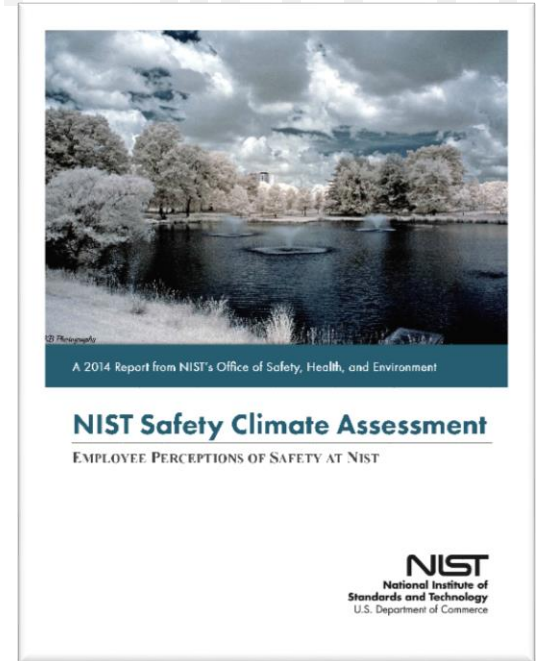
Employee
Engagement



Personal Responsibility
for OWN Safety



Personal Responsibility
for OTHERS Safety



NOVEMBER

Completed Analysis of
Survey Results

Identified
Possible Actions

NOVEMBER/DECEMBER

DECEMBER

Decided on
Planned Actions

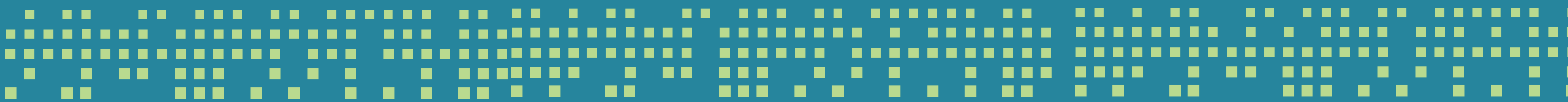
Communicated
Planned Actions

JANUARY

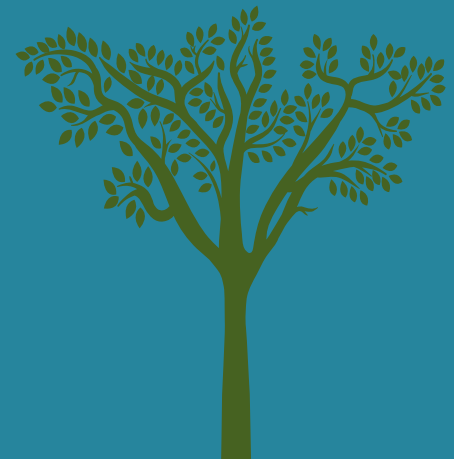
PLANNED ACTIONS

- 01 EMPLOYEE RIGHTS**
Improve communication to employees of their safety rights.
- 02 UNSAFE CONDITIONS AND PRACTICES**
Provide guidance on addressing unsafe conditions and practices.
- 03 INCIDENT REPORTING & LESSONS LEARNED**
Implement improved incident reporting processes and mechanisms for sharing lessons learned.

- 04 SAFETY TRAINING**
Improve the quality of safety training.
- 05 MANAGEMENT OBSERVATIONS**
Incorporate discussions of safety culture issues into management observations.
- 06 PERFORMANCE APPRAISALS**
Re-emphasize the importance of employees receiving safety performance feedback during performance appraisals.

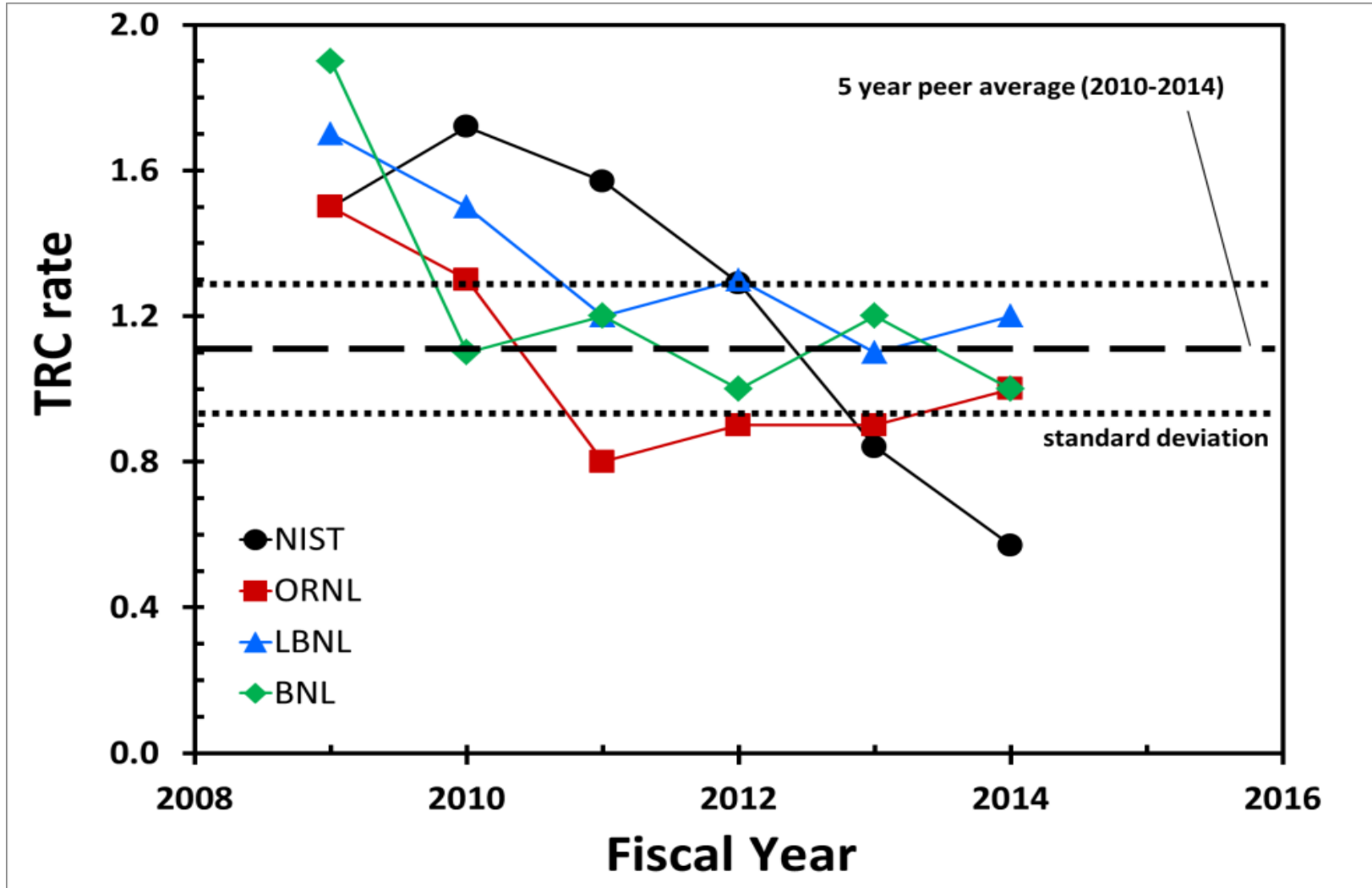


[DISCUSSION

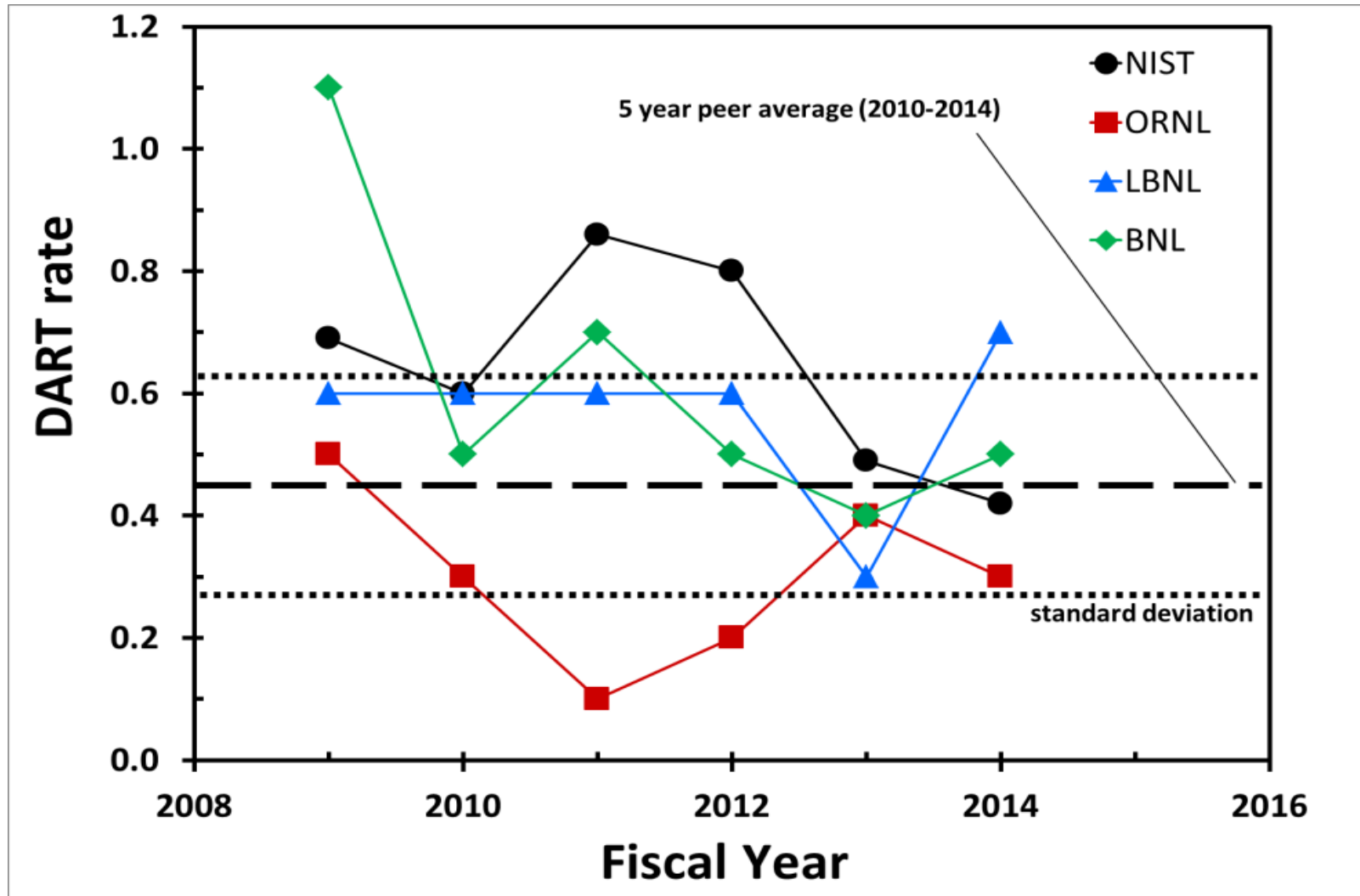


Backup Slides

Comparison to DOE Peers

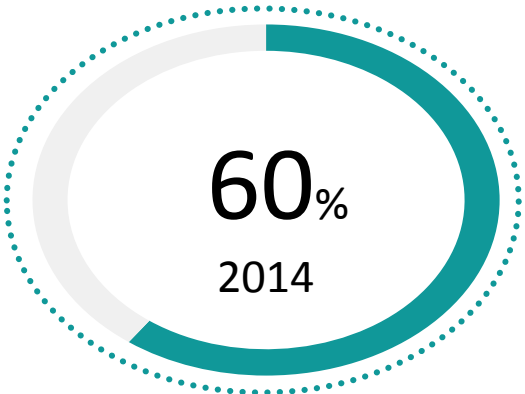
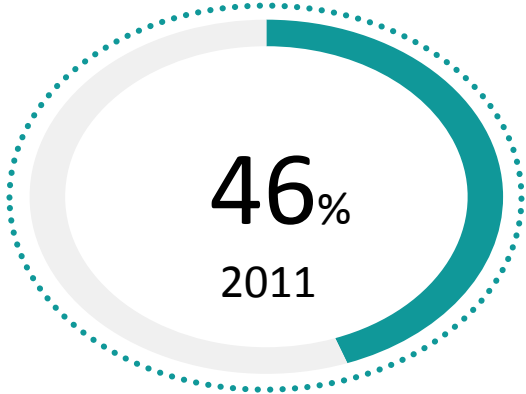


Comparison to DOE Peers



Safety Climate Assessment Participation

Total Participation



Site Participation



61%
Gaithersburg



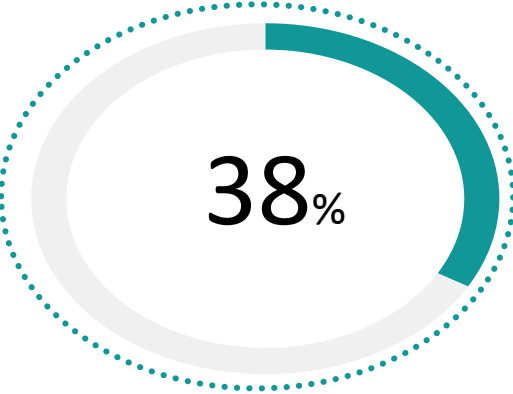
60%
Boulder



Other NIST
Sites

46%
Other

OU Participation



to



Total Responses

1,908 Respondents

896 Comments



Comparison to FY 2011 SCA

Liekert Scoring: Top score=5, bottom score=1

Top 10

Bottom 10

	2011	2014	% Improved
N I cannot always get the equipment I need to do my job safely.	3.78	4.01	6.1%
P I receive safety performance feedback during my annual employee evaluation.	3.47	3.67	5.9%
P I am clear about what my responsibilities are for safety and health.	4.12	4.33	5.2%
P Managers and supervisors express concern if safety procedures are not adhered to.	4.08	4.28	4.9%
N When people ignore safety procedures, it is none of my business.	4.25	4.37	2.8%
P There are always enough people available to get the job done safely.	3.59	3.68	2.5%
N Sometimes I am not given enough time to get the job done safely.	4.01	4.07	1.5%
N Sometimes it is necessary to depart from safety requirements for work's sake.	3.96	4.02	1.5%
N Some safety rules and procedures don't need to be followed to get the job done safely.	3.74	3.77	0.9%
N In my workplace, the chances of being involved in an accident are quite high.	4.12	4.13	0.2%
P I am strongly encouraged to report unsafe conditions.	4.23	4.20	-0.8%
P I am involved in informing management of important safety issues.	3.83	3.80	-0.8%
P There is good communication about safety issues that affect me.	3.93	3.87	-1.5%
P Co-workers often give tips to each other on how to work safely.	3.73	3.59	-3.8%
N Some health and safety rules are not really practical.	3.24	3.01	-7.0%