

UNIVERSITY OF CALIFORNIA AT IRVINE

Environmental Health and Safety Department Annual Report – 2015/16

An Administrative and Business Services Department
Ensuring Safety and Health on Campus



Environmental Health & Safety

Mission and Vision

Mission:

- The mission of Environmental Health & Safety (EH&S) is to support the UCI campus community by proactively protecting people, property and the environment in a responsive and cost effective manner.

Vision:

- UCI Environmental Health & Safety (EH&S) provides reliable and innovative services to the campus community. EH&S is accessible, flexible and responsive to our customers. We understand and exceed customers and community expectations.
- We represent a dependable, flexible organization where trust, civility, and mutual aid are key elements to achieving our goals. We are dedicated to encouraging diversity and individual strengths through communication, understanding and creativity. Through the coordination of our efforts, we achieve the unified goal of creating a safety culture within our community.
- EH&S and the campus community work together. We support academic and research excellence. UCI is a safe and healthy environment with appropriate compliance, protection of assets and efficient execution of business processes. Our proactive planning is welcomed and recognized to mitigate the impact of incidents to the campus and community.

2015/16 EH&S Annual Report



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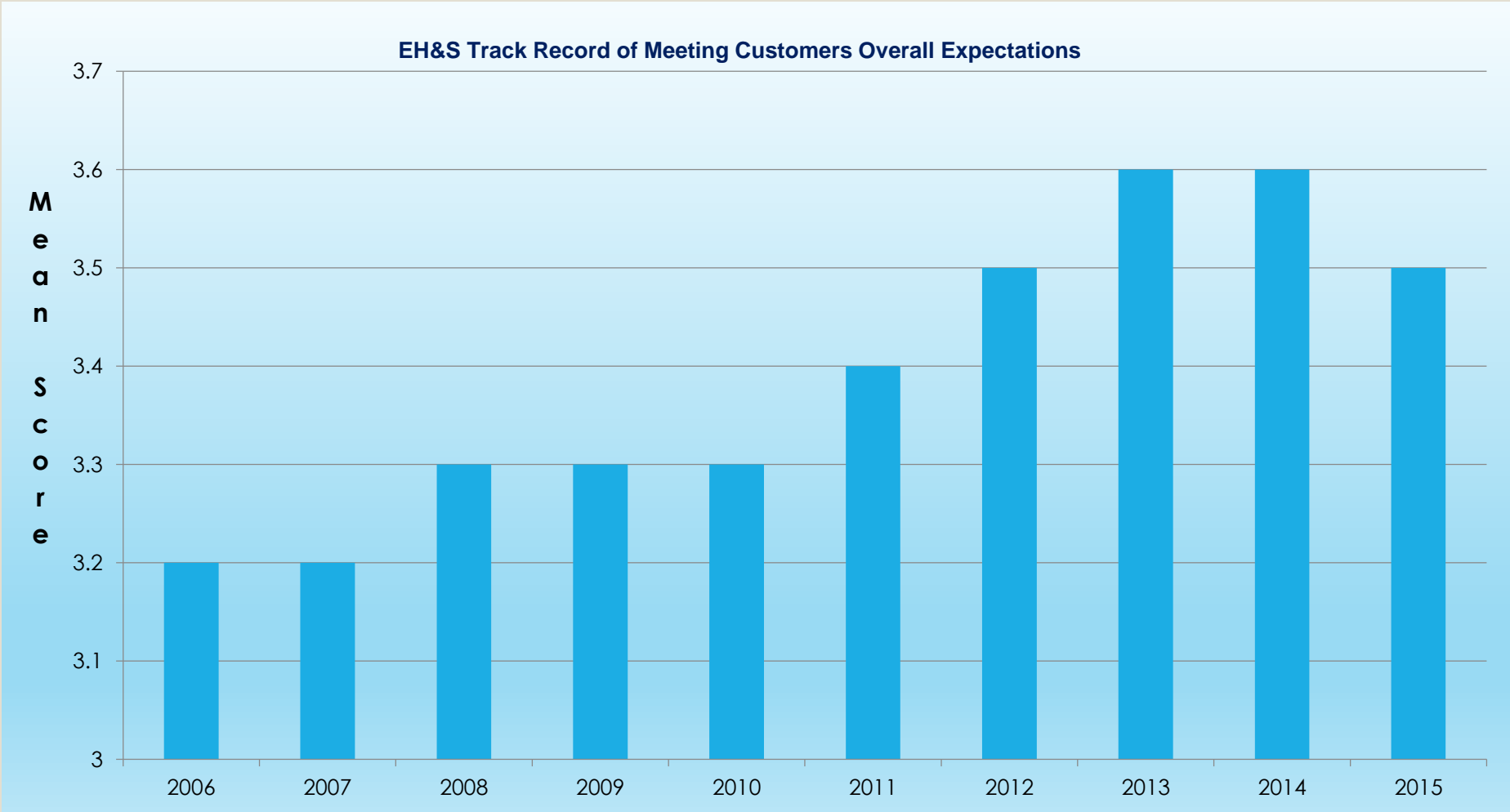
II. Financial

III. Key Performance Indicators

IV. Regulatory Compliance – External Agencies

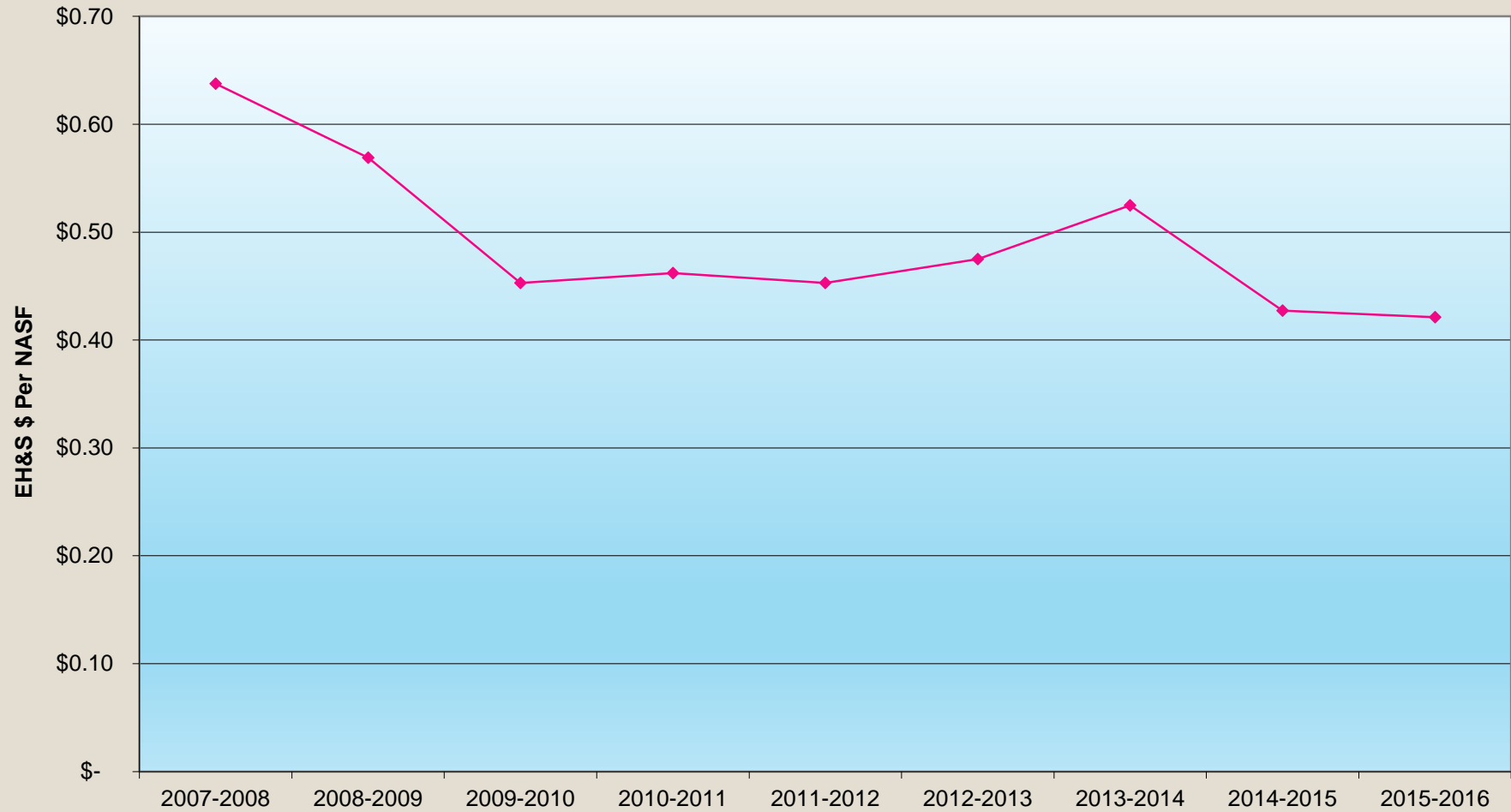
** Information captured in this report is based on both calendar-year and fiscal-year data.*

Administrative & Business Services Customer Survey Results – 2015



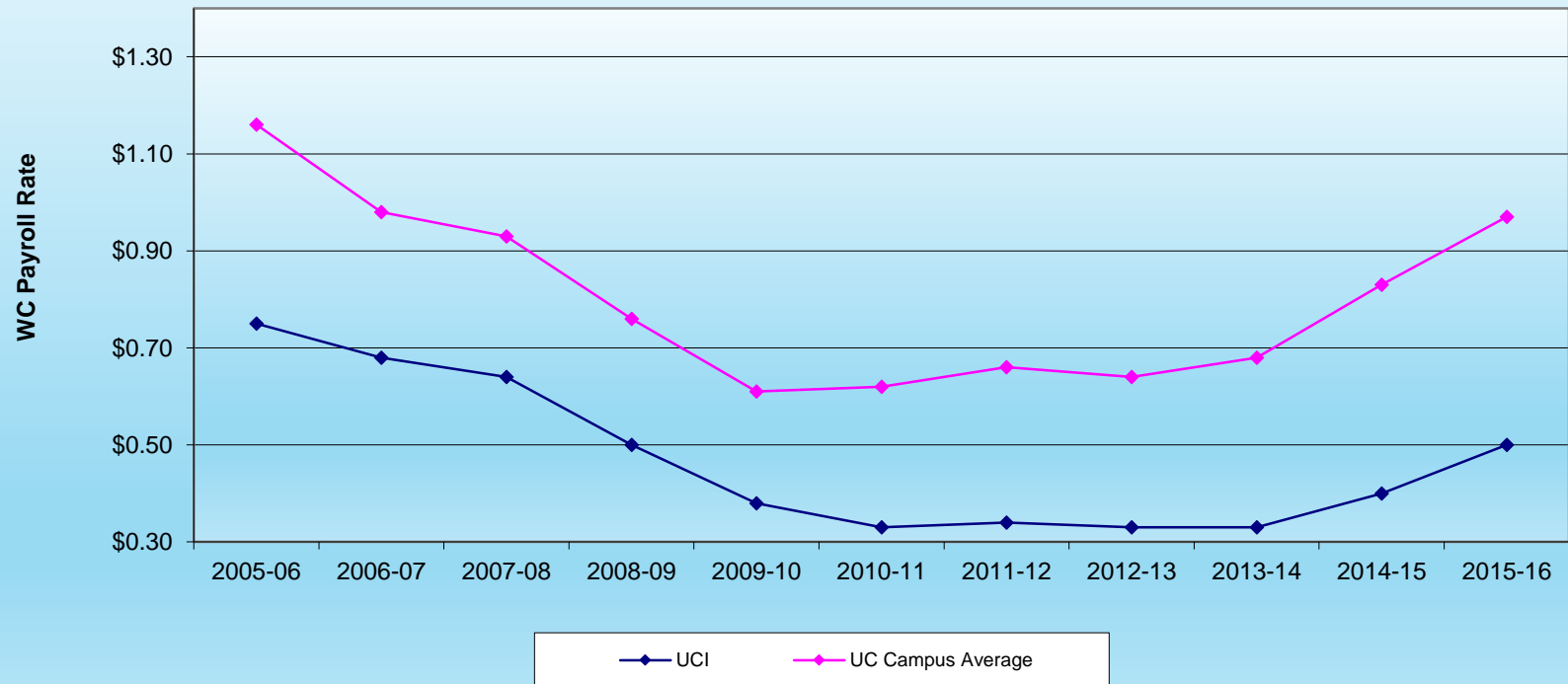
**EH&S Funding per Net Assignable Square foot (NASF)
has decreased approximately 35% over the past 8 years.**

EH&S Funding Per Total Campus NASF

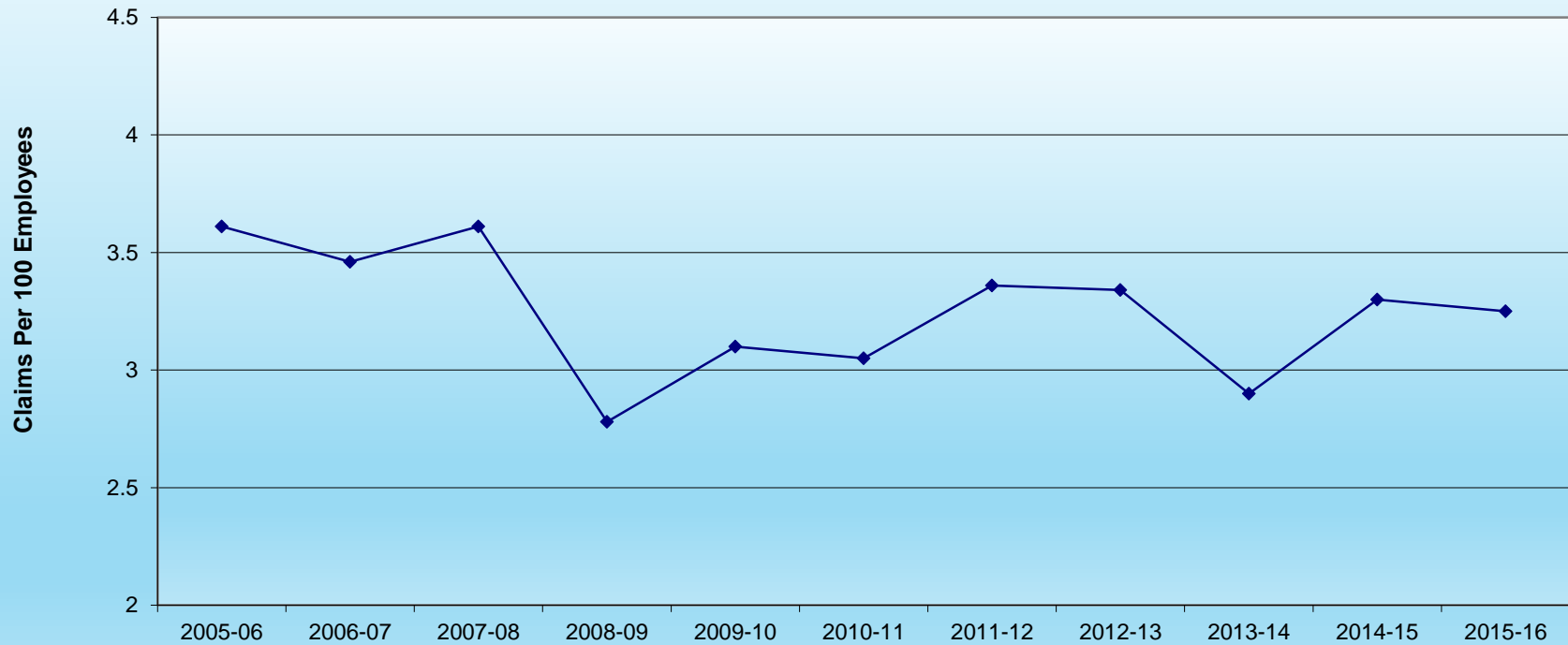


Compared to the UC average, UC Irvine has saved approximately \$45 million in Workers' Compensation related costs over the last 10 years.

UCI vs. UC Workers' Comp Payroll Rates
(Campus Payment Rate Per \$100 of Payroll into UC WC Self Insurance Fund)

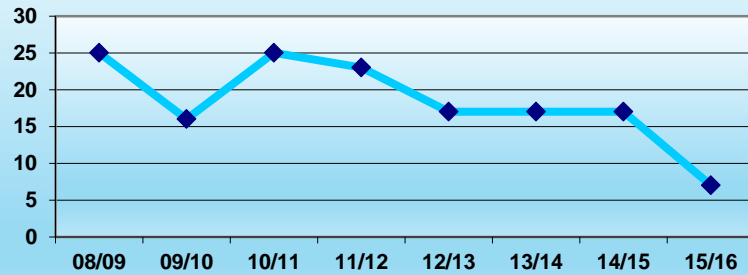


Workers' Compensation claims per 100 employees remains very low and have been reduced by 10% over the past 10 years.

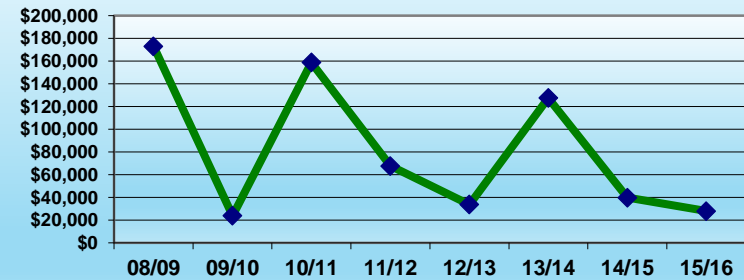


UCI Ergonomics-Related Injuries Dropping

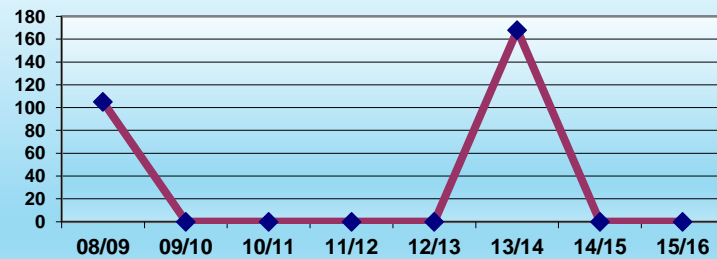
Total Number of Injuries**



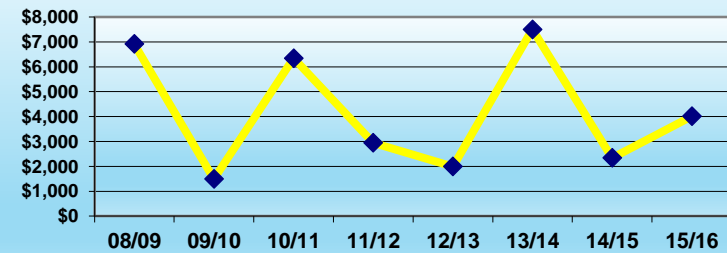
Total Injury Costs *



Lost Days



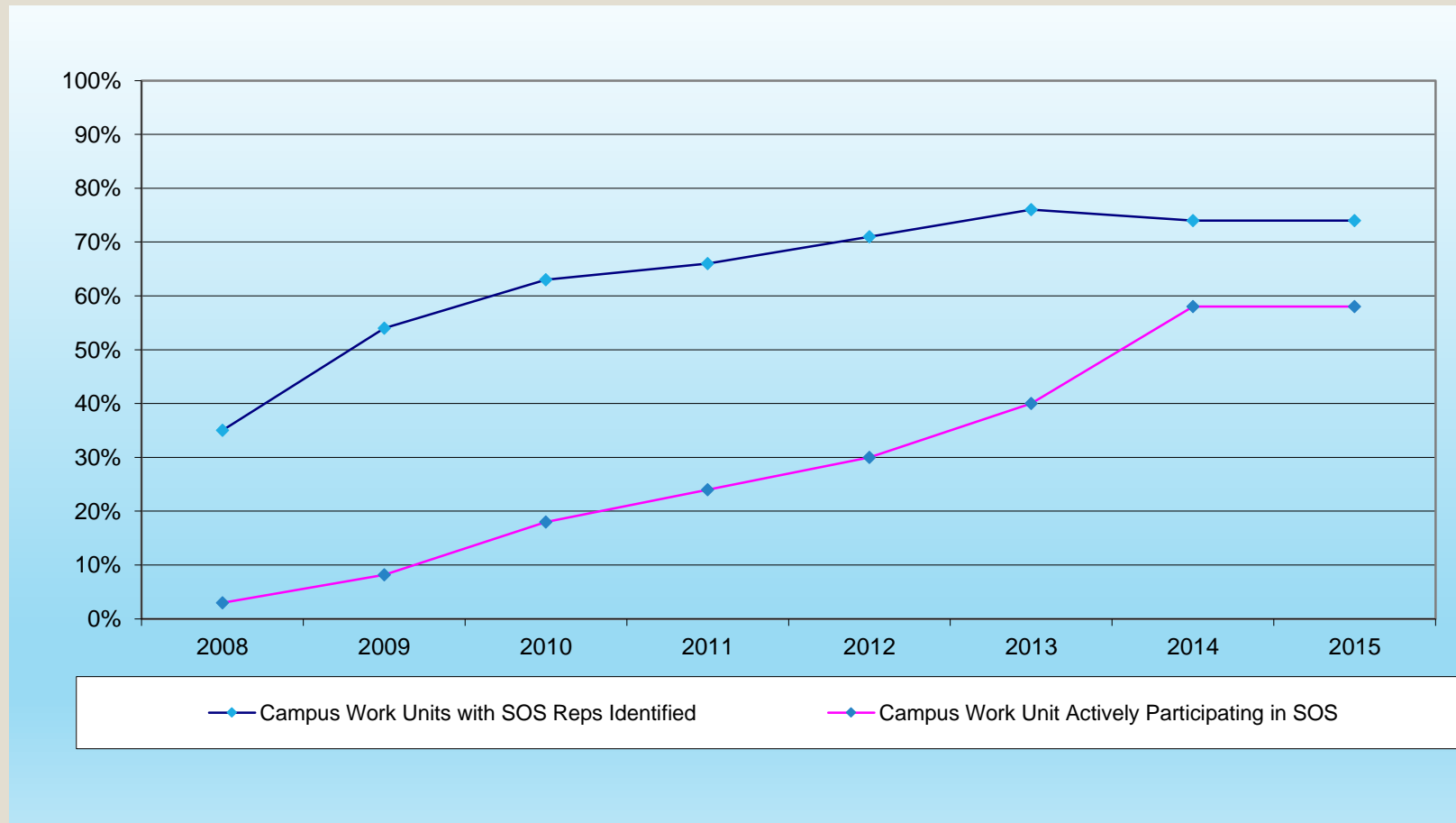
Average Cost



The total number of ergonomics-related injuries and associated costs has decreased significantly over the last 7 years while the total number of lost days decreased to zero in FY 14/15 and 15/16. Average cost of ergonomics-related injuries continues to decrease.

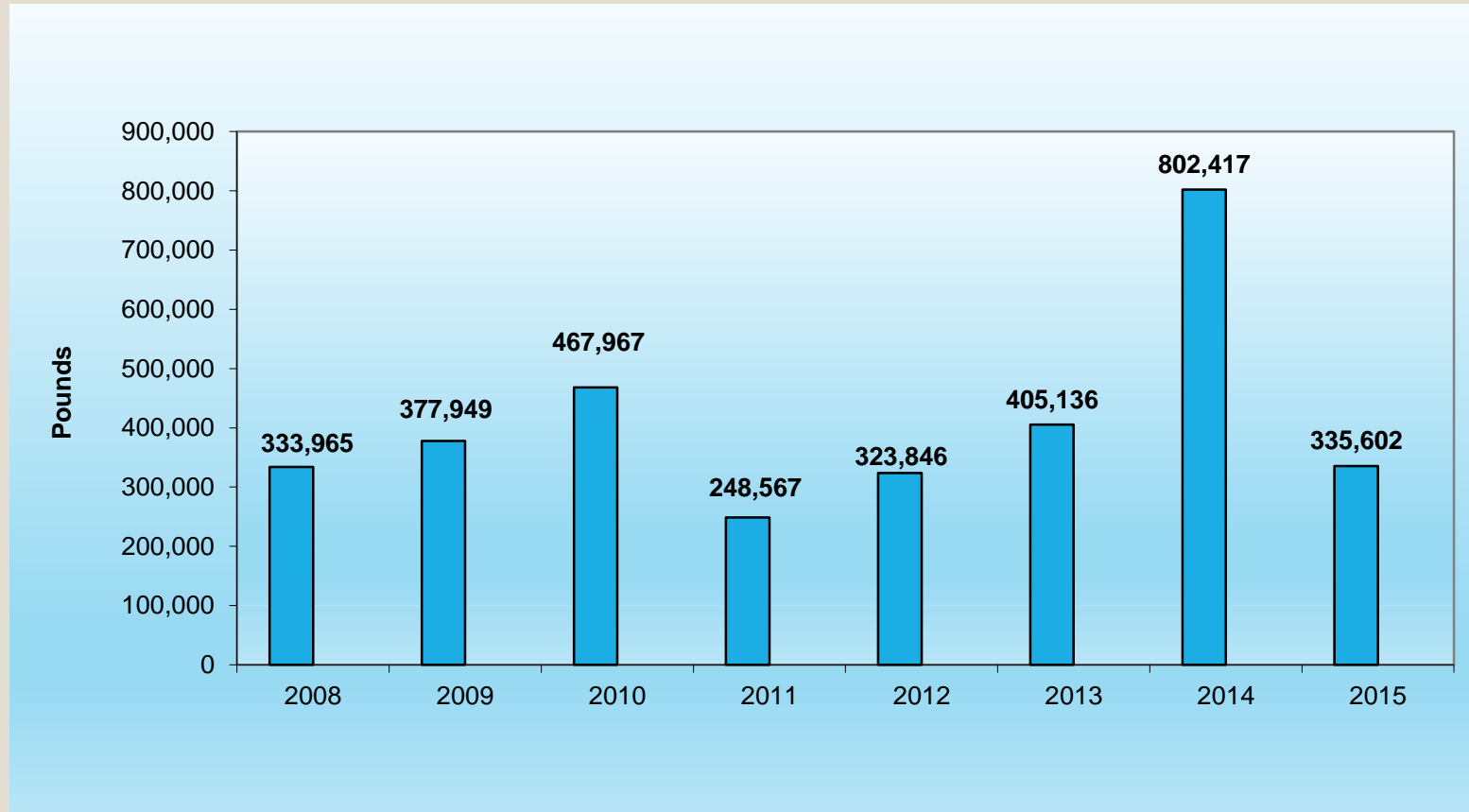
Safety Program Integration into Campus

There are over 900 work units on the UC Irvine Campus. Of these work units, 74% have identified SOS (Safety on Site) Representatives and 58% of these work units are currently actively engaged in the SOS program.



Annual Hazardous Waste Disposal

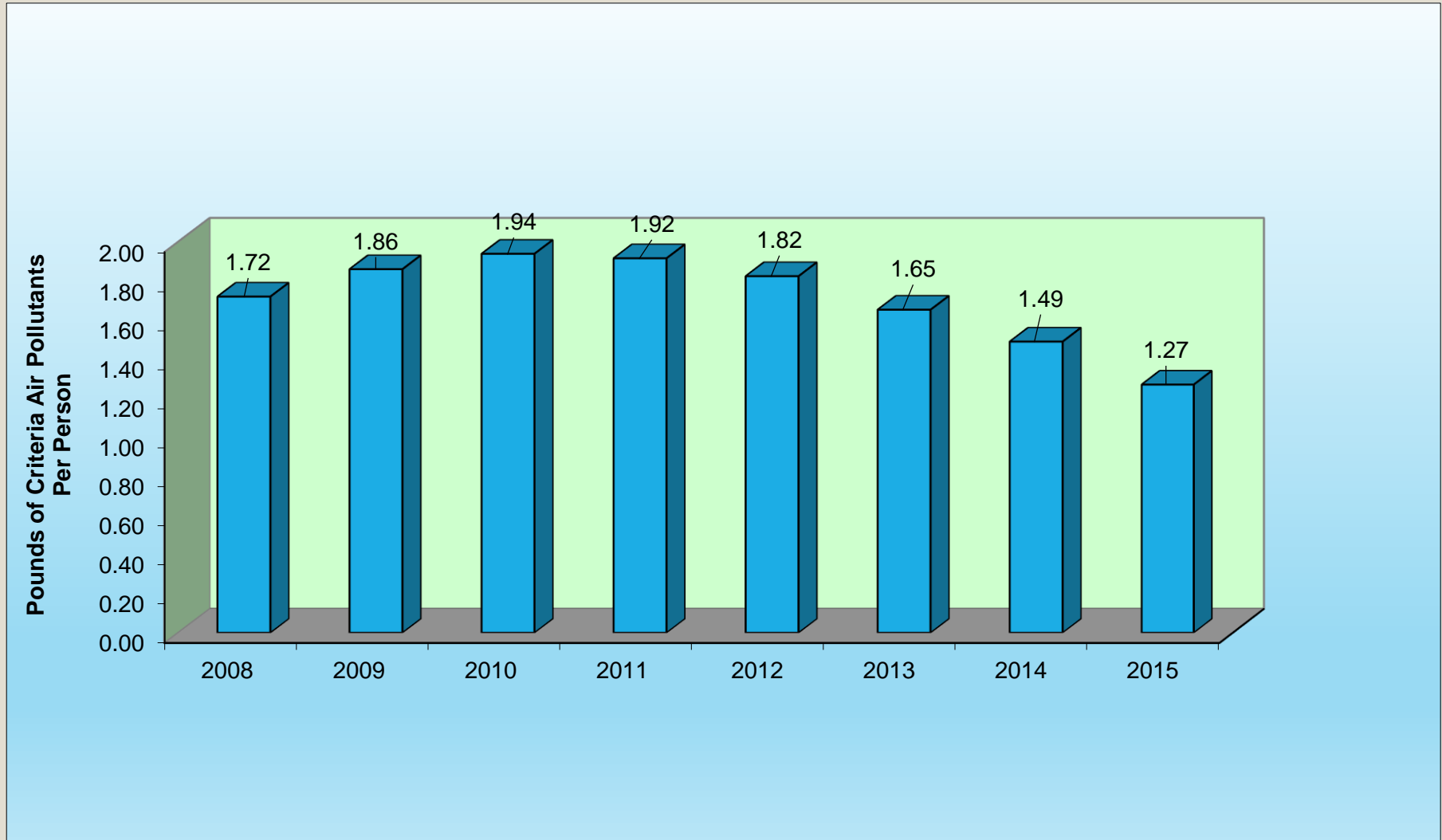
The EH&S cradle-to-grave hazardous waste management program provides the critical foundation needed to keep the environment and people safe. The annual waste disposals vary depending on the variations in research activities and construction projects.



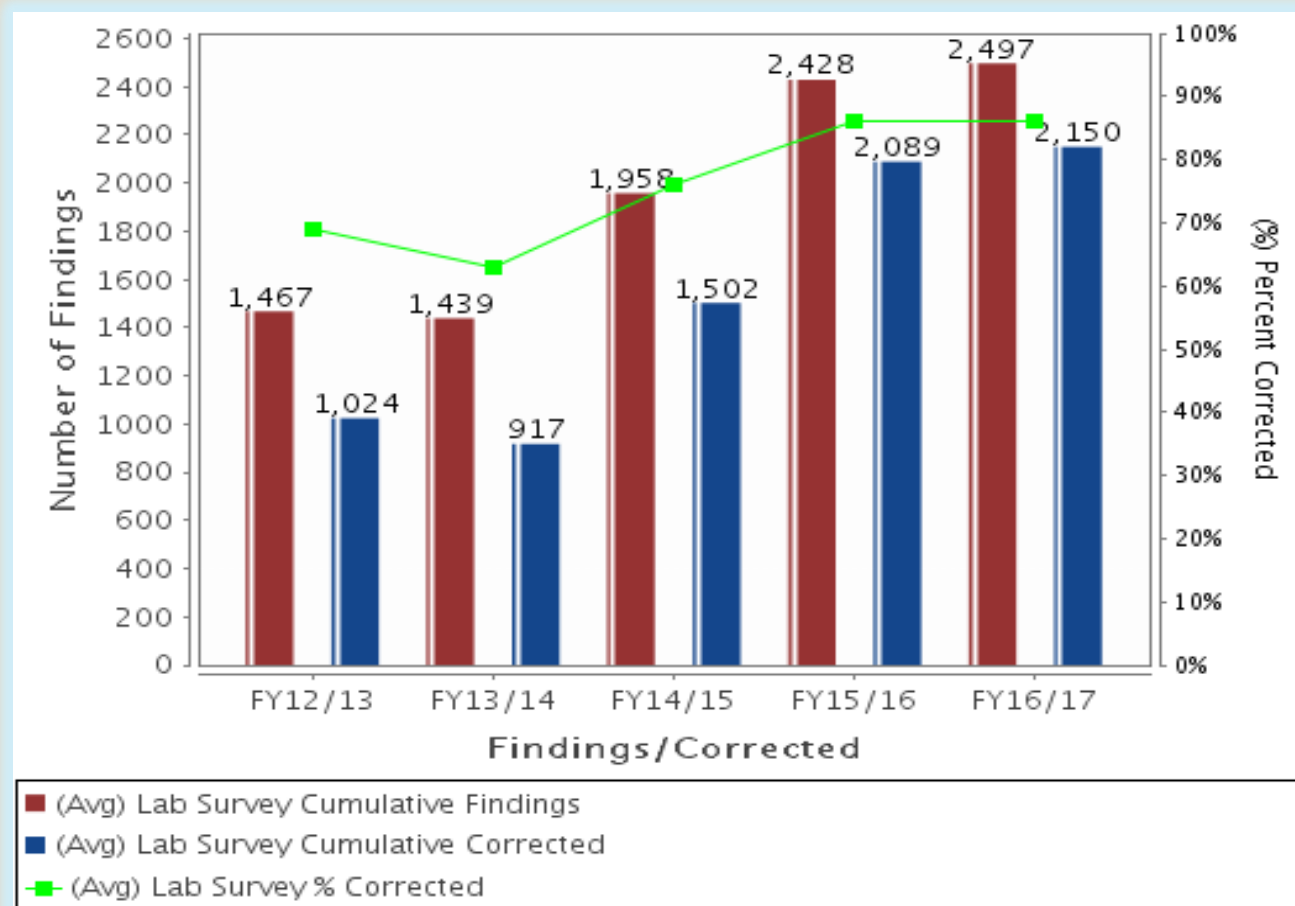
Hazardous Waste management includes recycling, treatment, incineration, and landfill.

Pounds of Criteria Air Pollutant Emissions per Person (Students + Work Force)

UCI's criteria air pollutant emissions are reduced due to a number of factors including the use of photovoltaic power, energy efficient lighting as well as smart labs.



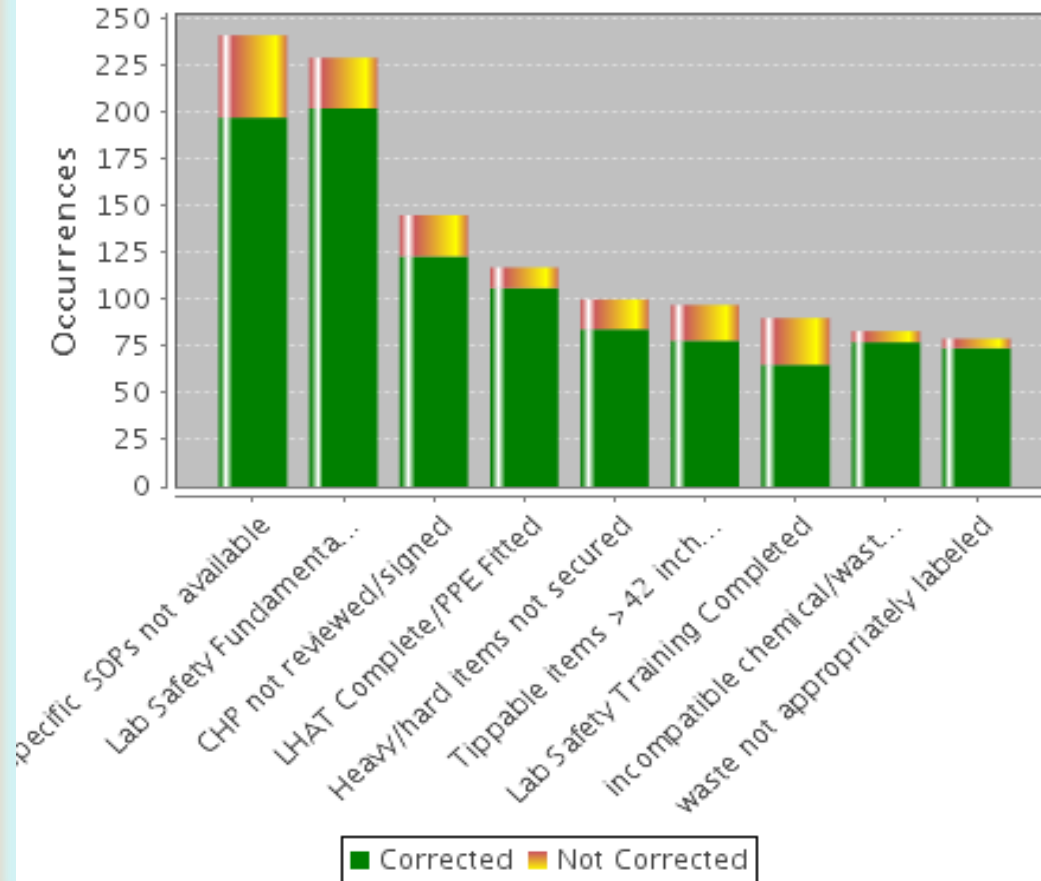
Total Lab Safety Deficiency Items Identified and Corrected Increasing



Most Common Lab Safety Survey Items Identified Fiscal Year 2015-16

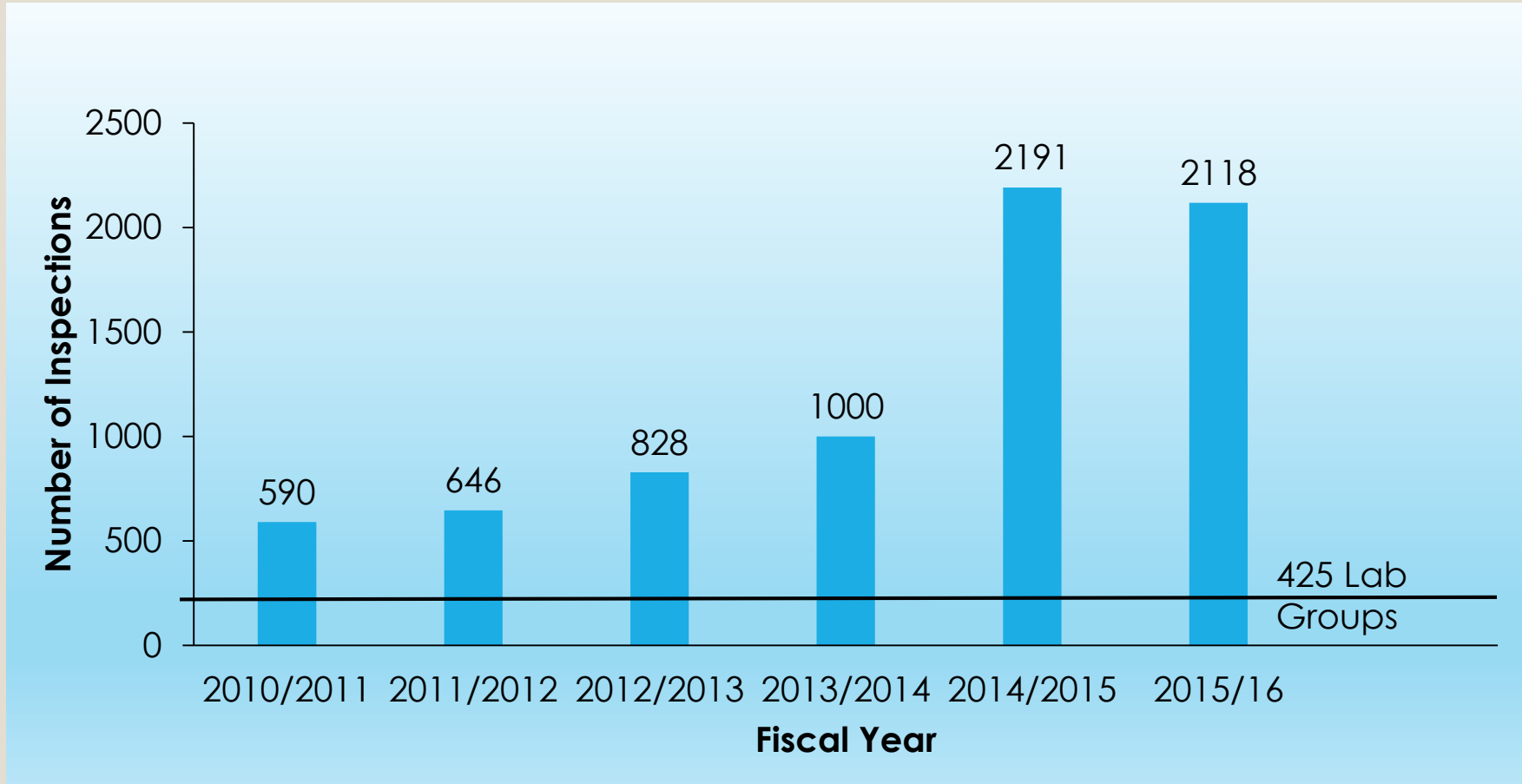
EH&S continues to partner with Campus laboratories to correct lab deficiencies

HIGHEST FREQUENCY LAB DEFICIENCIES CORRECTED/NOT CORRECTED

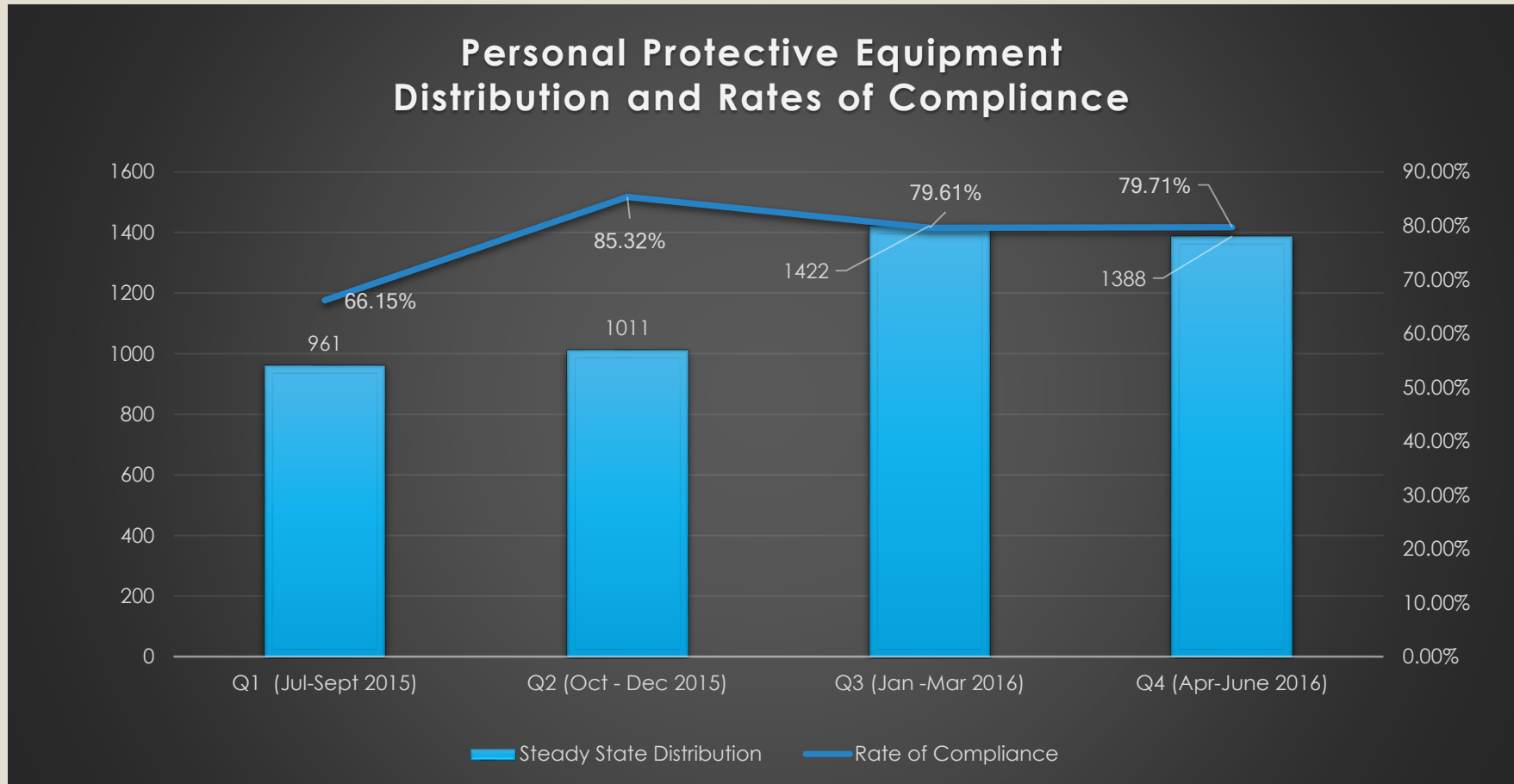


Total Research Safety Related Assessments

EHS continues to increase the frequency of general lab hazard assessments and implement hazard specific reviews

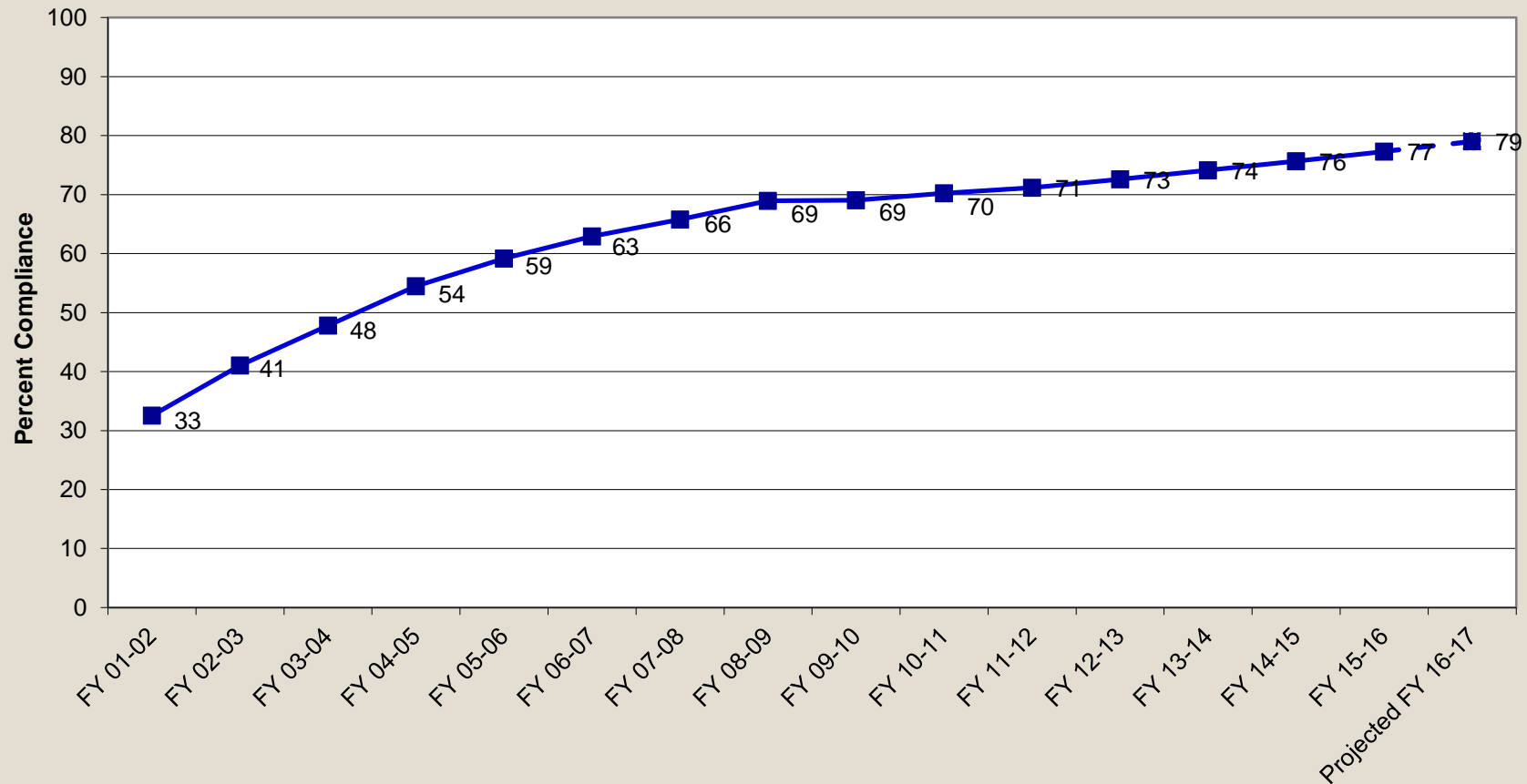


Total PPE Distribution & Compliance Continues to Improve



Campus Safety and Environmental Health Compliance - 2016

EHS manages approximately 110 safety and environmental programs.
The graph below indicates campus compliance with these programs.



IV. Regulatory Compliance – External Agencies Inspections

External Agency	Inspection Conducted	Date of Inspection	Violation
Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC)	3-year accreditation site visit	July 13-15, 2015	None noted
Drug Enforcement Administration (DEA)	Un-announced audit	June 1, 2016	None noted
Nuclear Regulatory Commission	Research Reactor Facility Radiation Safety Program Inspection	June 13-15, 2016	None noted
South Coast Air Quality Management District	Title V	April 2, 2015 & April 22, 2015	None noted
Orange County Health Care Agency Environmental Health	Spill prevention control and countermeasures	August 13, 2015	None noted
Orange County Health Care Agency Environmental Health	Hazardous waste	August 13, 2015	None noted
Orange County Health Care Agency Environmental Health	Underground storage tanks	November 30, 2015	None noted
South Coast Air Quality Management District	California Air Resources Board, Portable Equipment Registration Program	December 2, 2015	None noted
California Highway Patrol (CHP)	Department of Transportation (DOT)	March 28, 2016	None noted