

# **Berkeley Lab Accident Statistics Through January 31, 2012**

**These slides are updated on a monthly basis as soon as data are reasonably final for the preceding month. Hours worked are estimated monthly and updated with final and actual values quarterly.**

**Every effort is made to present accurate and final data. However, changes may occur in subsequent months as additional information becomes available and as developments change the recordability of some cases.**

**Refer questions about these charts to [rwwfisher@lbl.gov](mailto:rwwfisher@lbl.gov)**

# Injury/Illness Cases – January 2012

## Ergonomic (keyboard/mouse)

- Repetitive strain multiple upper extremities
  - The Computer Systems Engineer developed acute symptoms of pain and discomfort of the shoulders and upper extremities after using a laptop computer while on travel. Less than optimal height of computer (keyboard and track pad) while using computer during meeting precipitated this flare up.

# Injury/Illness Cases – January 2012

## Slip / Trip / Fall

- Strained ankle
  - The Sr. Administrator was walking along the designated walkway on the eastern edge of the N4 parking area and encountered several pallets of landscaping material placed in the walkway. While adjusting foot step direction to avoid the stored material, the employee rolled the right ankle.
- Abrasion
  - A Graduate Student Research Assistant slipped on a slick portion of the metal grate walkway at the 5<sup>th</sup> floor (Lawrence Road) main entry to Building 67. Inspection found that the friction coating has been worn away in numerous locations on the walkway.

# Injury/Illness Cases – January 2012

## Trauma

- Multiple abrasions on upper body
  - While cycling downhill past Building 65, the Chemist Postdoc Fellow's bicycle wheels struck the elevated edge of a construction trench plate throwing the cyclist to the pavement. The employee was using a bicycle helmet.
- Strain of upper back, neck and shoulders
  - The Custodian experienced pain in the upper torso and extremities after cleaning overhead areas with a duster.

# Injury/Illness Cases – January 2012

## Trauma

- Strain of neck and upper torso
  - The Computer Systems Engineer suffered the injuries from a single vehicle motorcycle accident. The employee had braked hard to avoid hitting the vehicle that had stopped suddenly due to being cut off by a second phantom vehicle. The motorcycle front wheel locked and the vehicle dropped to the pavement.
- Abrasion / scratch on abdomen
  - The Material Handler was struck by a loose cover on a metal case while loading it into the recycled metals bin.

# Injury/Illness Cases – January 2012

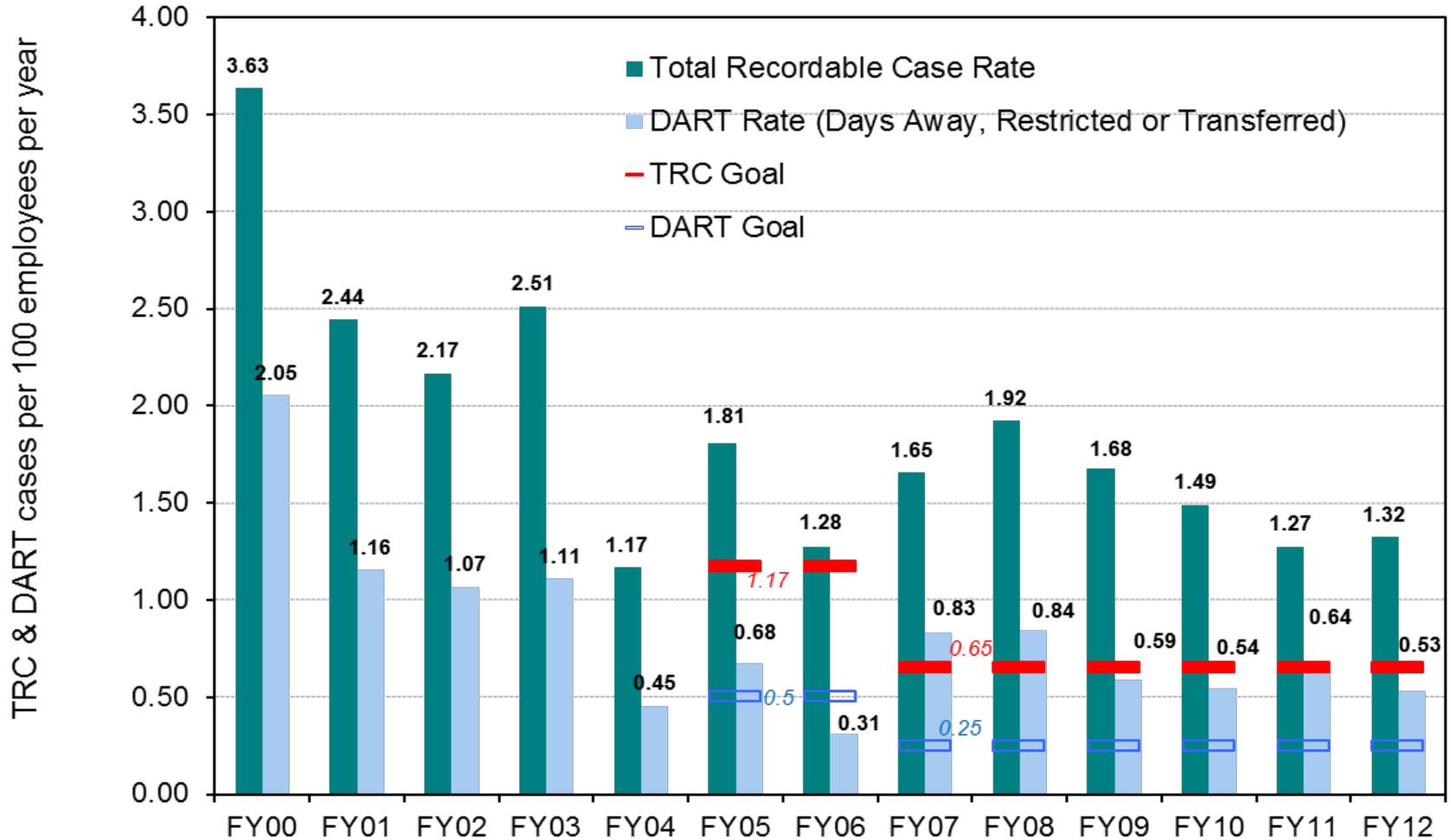
## Laceration

- Finger laceration
  - The Mechanical Engineering Tech was removing a hose clamp with pliers. The pliers slipped and the edge of the clamp cut the employee's finger.

# Berkeley Lab Site-Wide TRC & DART Rates

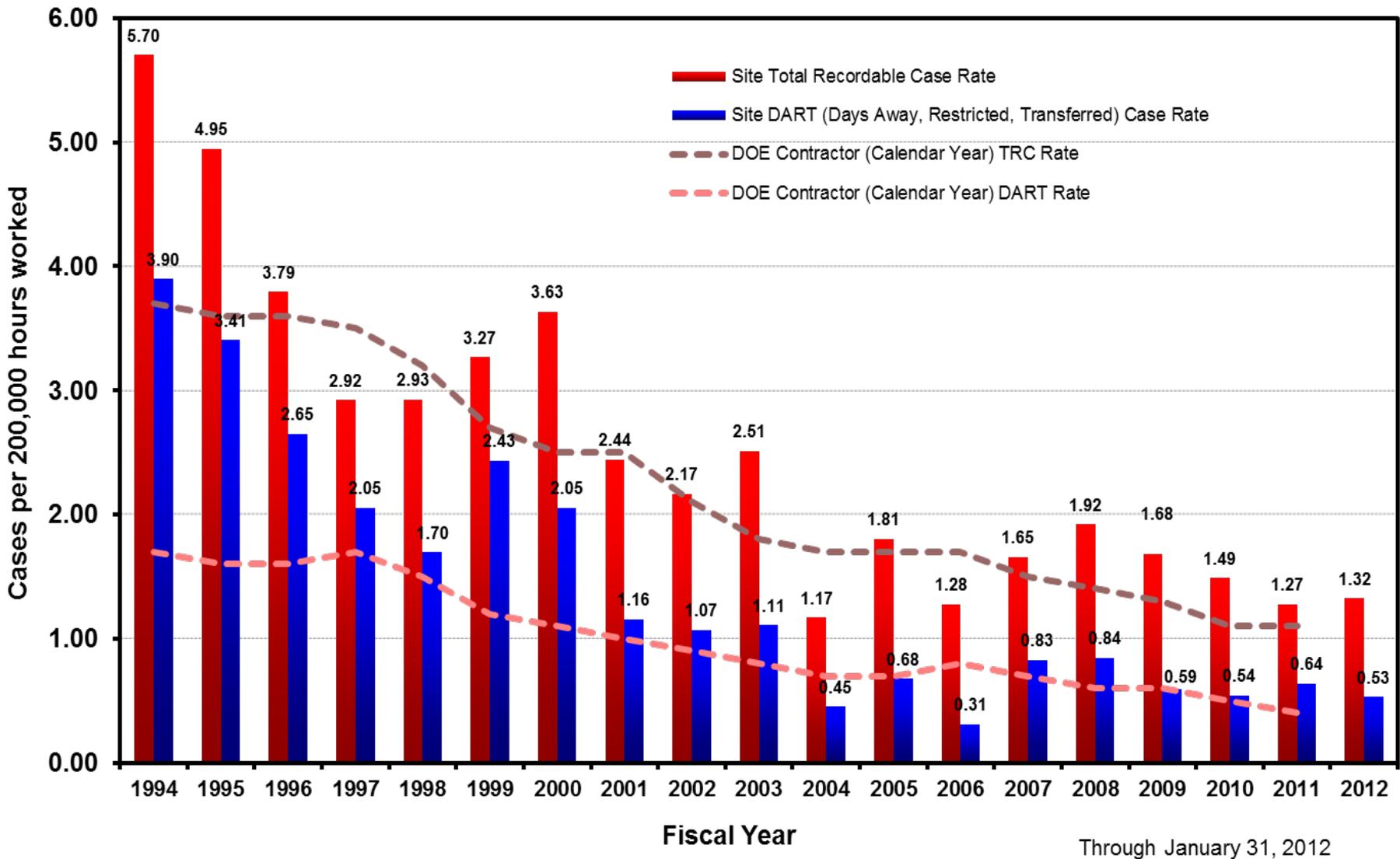
(Includes all Construction and Service Contractors)

## Through January 31, 2012



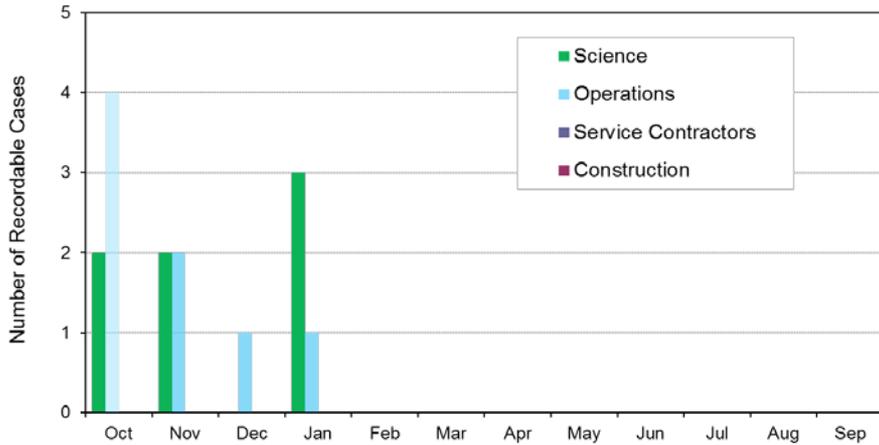
# LBNL vs. DOE Contractor Rates

## Berkeley Lab Site Accident Rates

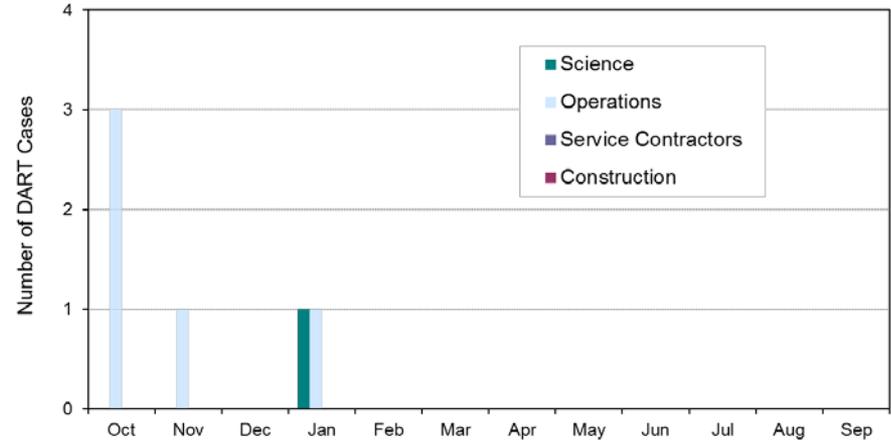


Through January 31, 2012

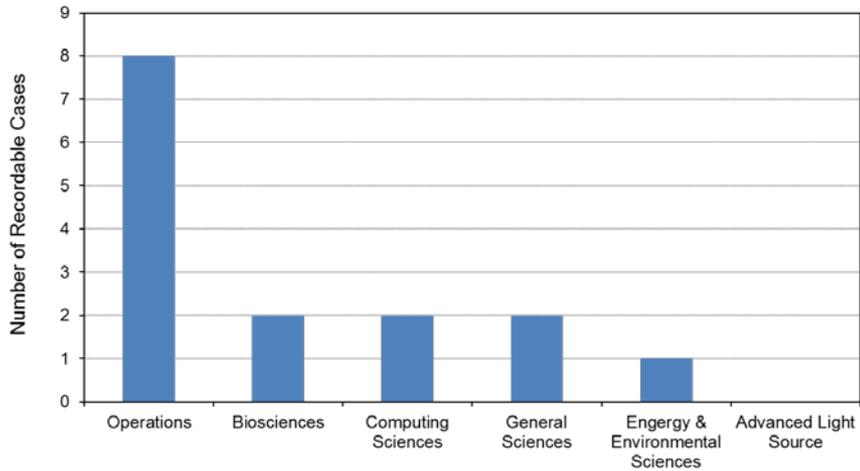
Recordable Cases by LBNL Major Organization  
FY 2012 To Date January 31, 2012



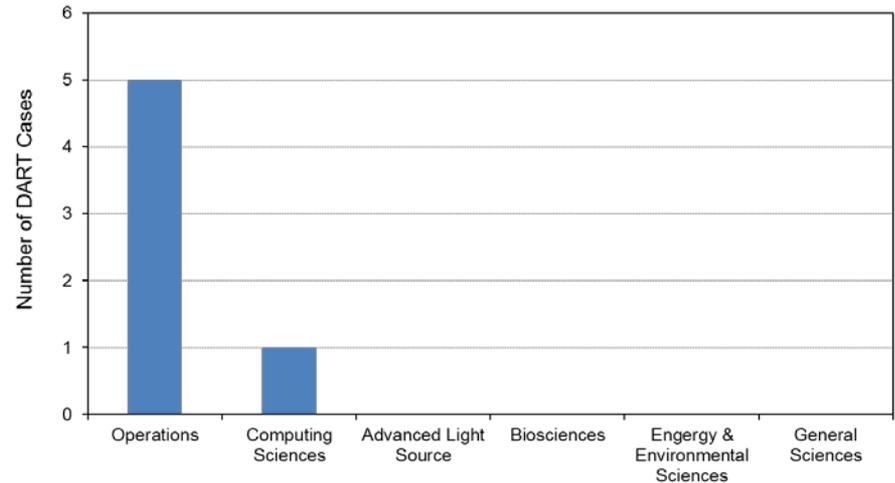
DART Cases by LBNL Major Organization  
FY 2012 To Date January 31, 2012



Recordable Cases by Directorate  
FY 2012 To Date January 31, 2012

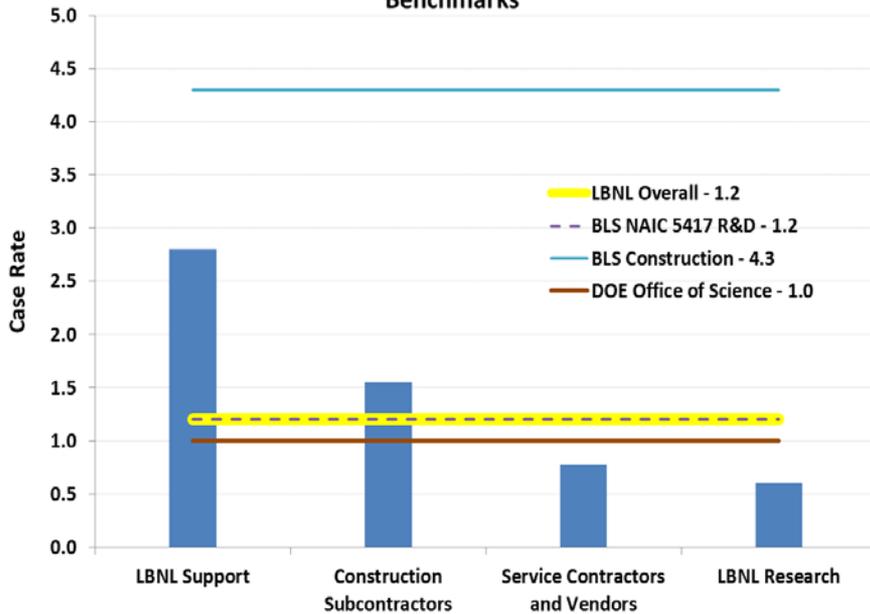


DART Cases by Directorate  
FY 2012 To Date January 31, 2012

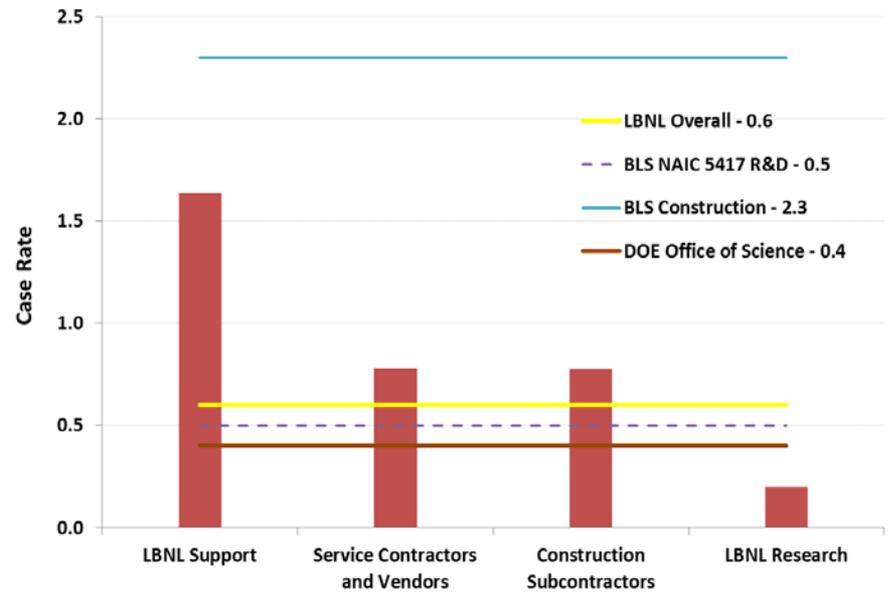


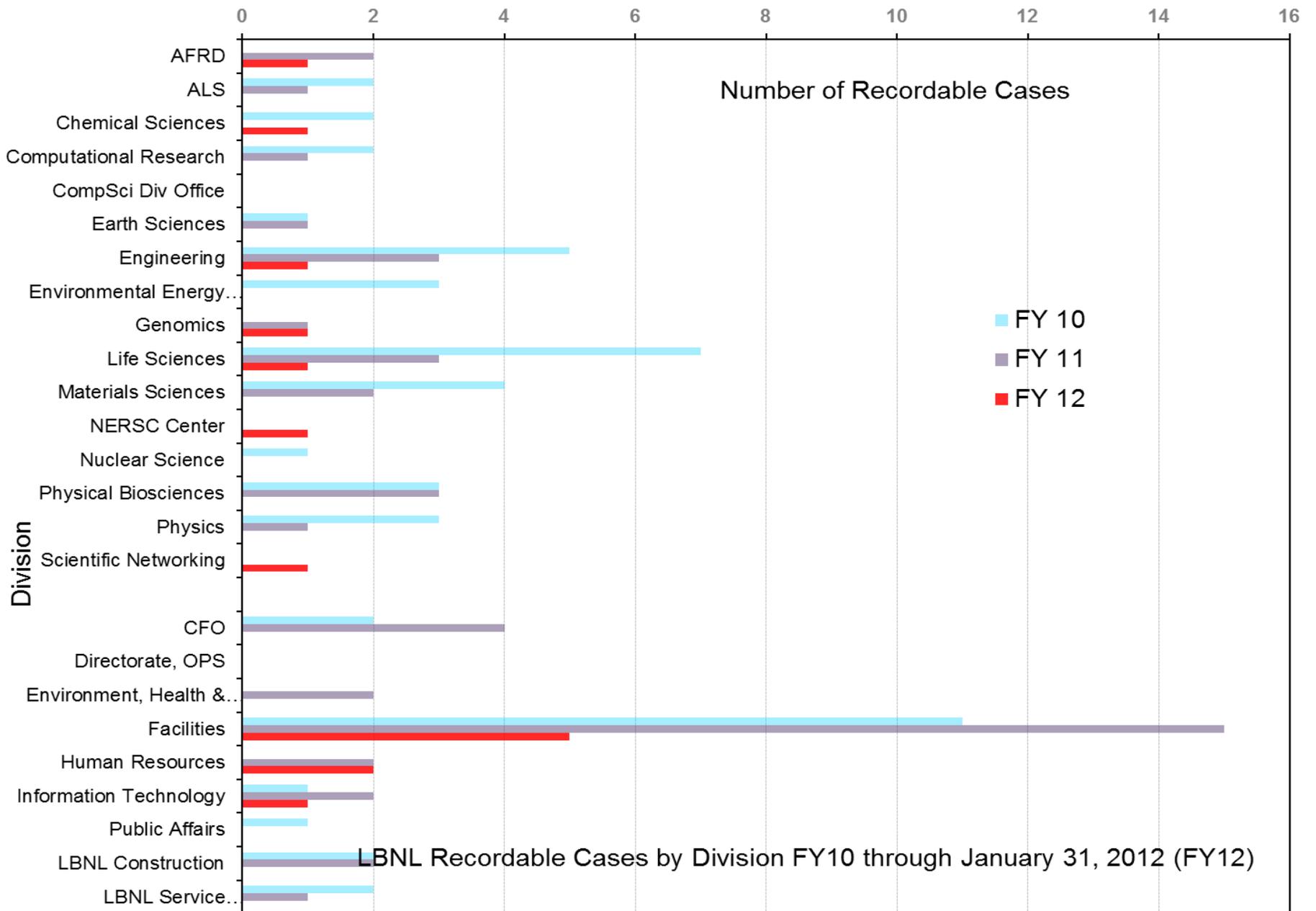
# FY 2011 Summary Reference

FY 2011 Recordable Case Rate by DOE Reporting Organization with Benchmarks

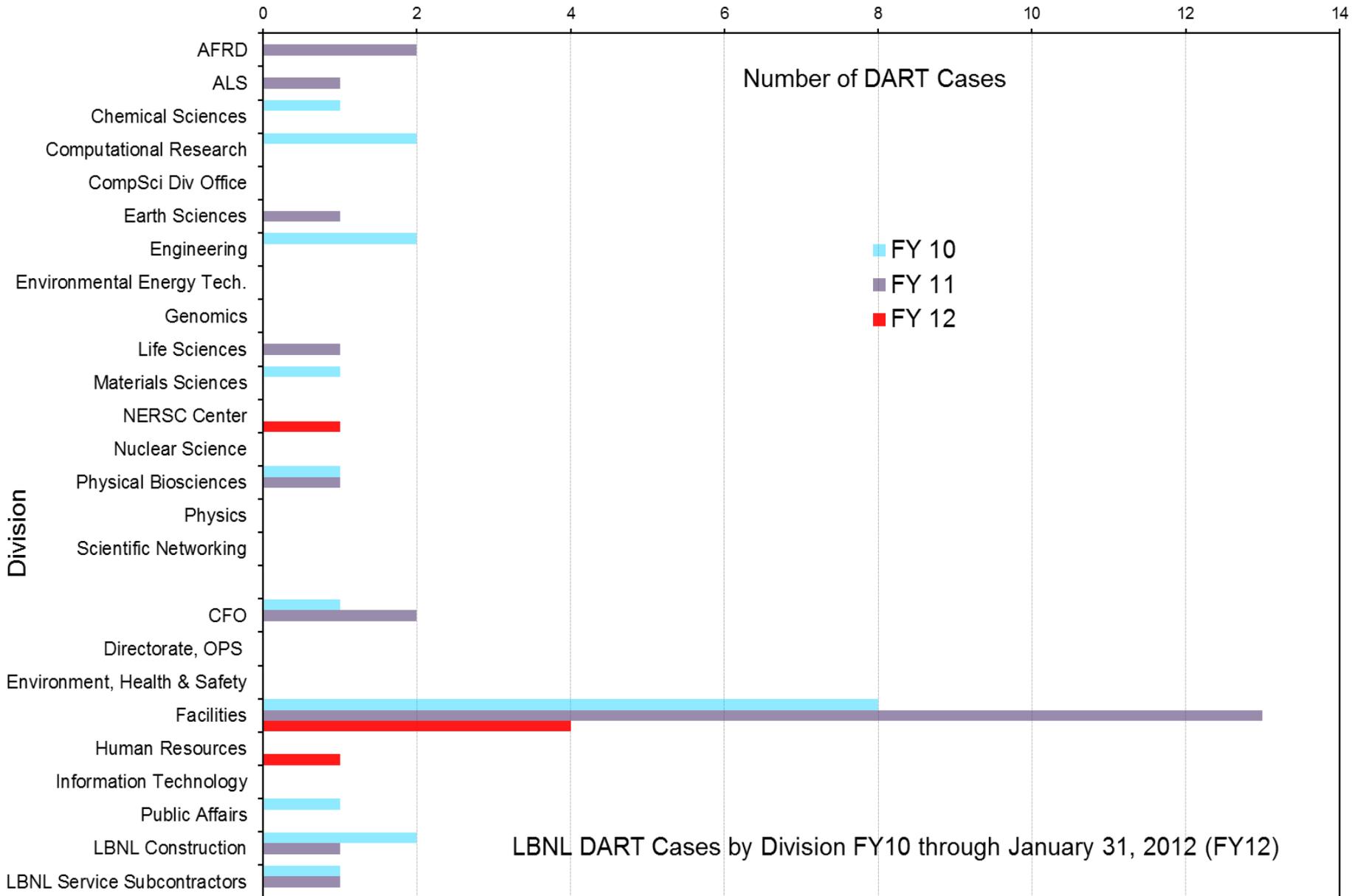


FY 2011 DART Case Rate by DOE Reporting Organization with Benchmarks





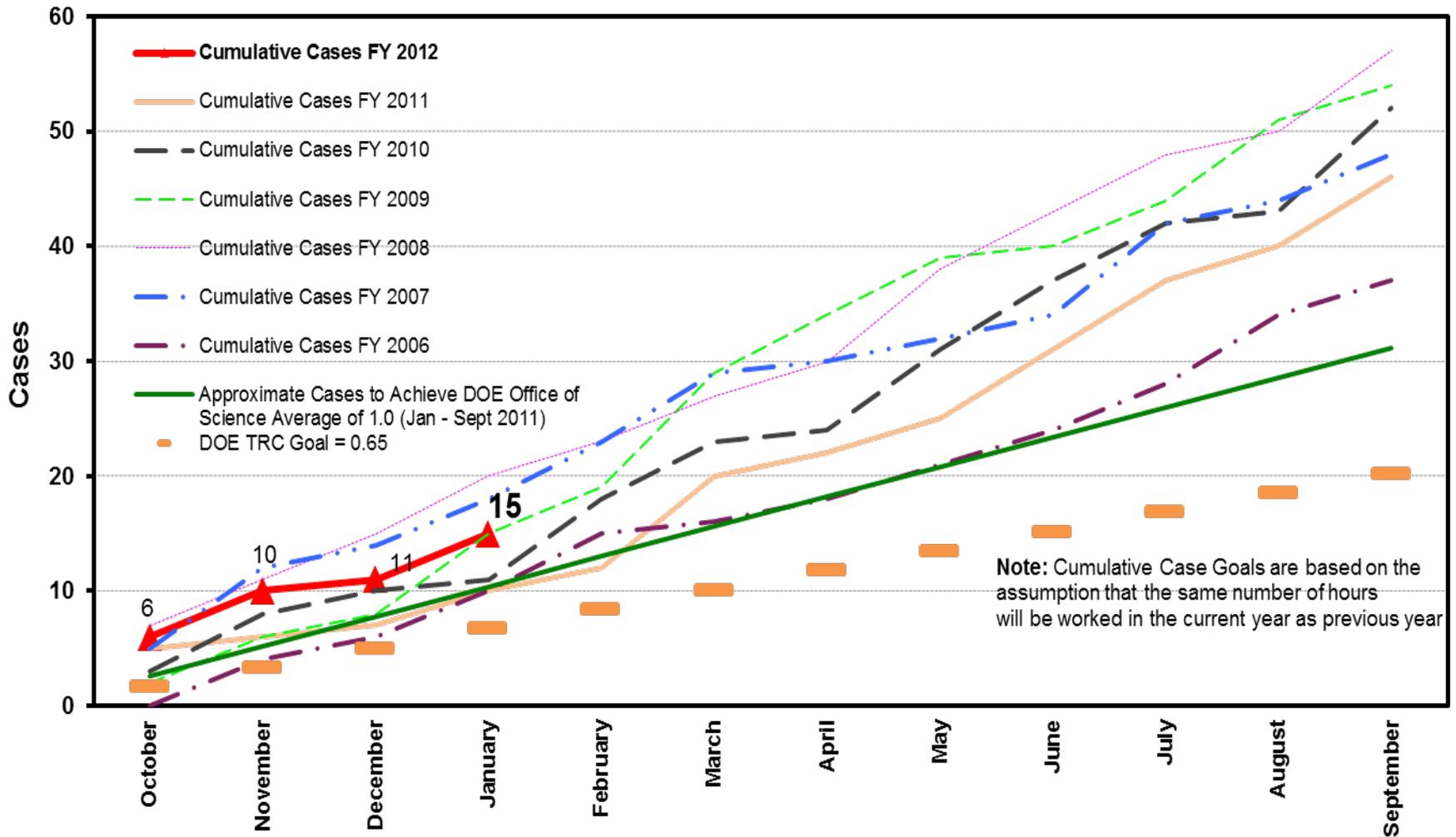
LBNL Recordable Cases by Division FY10 through January 31, 2012 (FY12)



LBNL DART Cases by Division FY10 through January 31, 2012 (FY12)

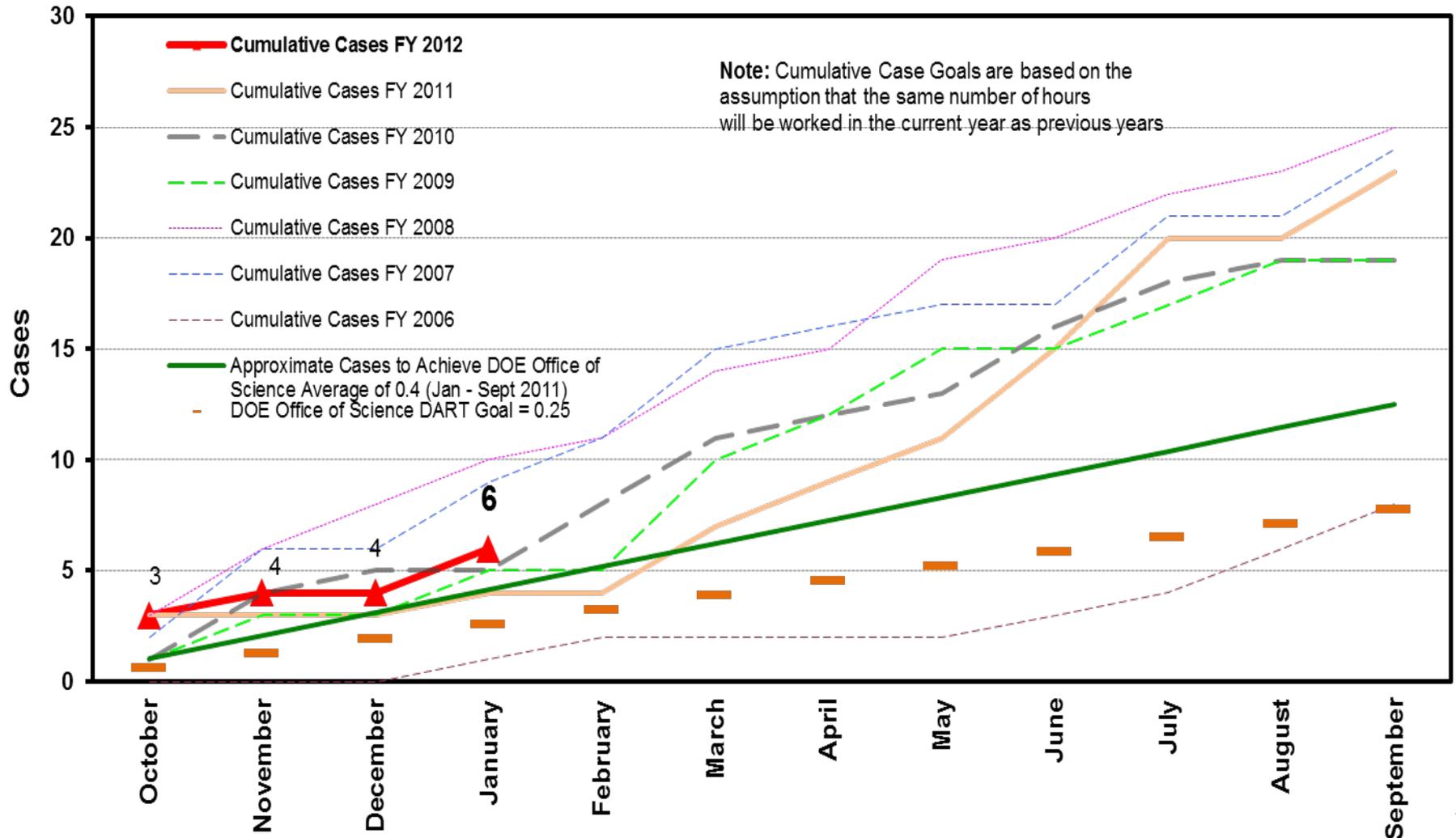
# Performance vs. DOE Goals - TRC

Berkeley Lab and Contractors  
 Cumulative Total Recordable Cases  
 By Fiscal Year



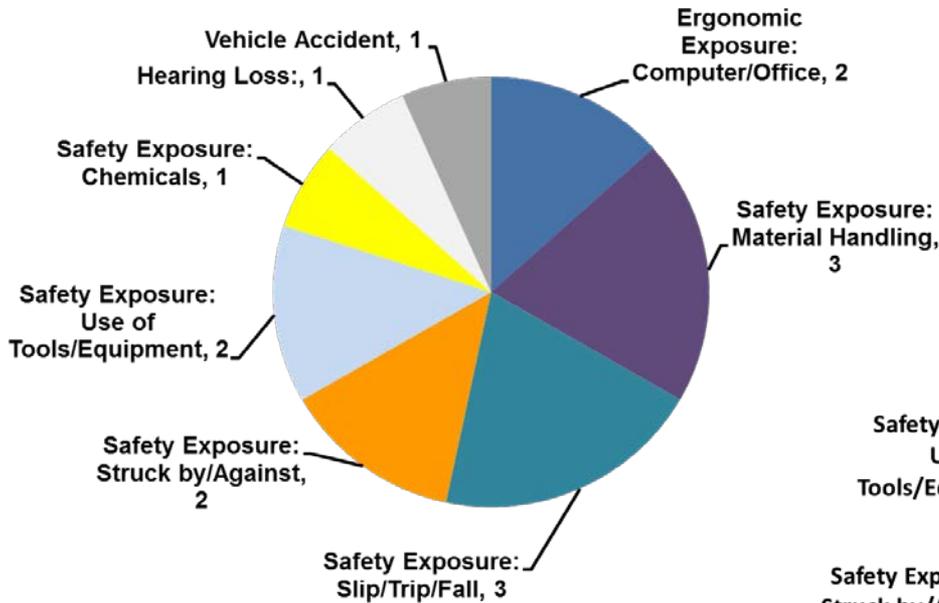
# Performance vs. DOE Goals - DART

## Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

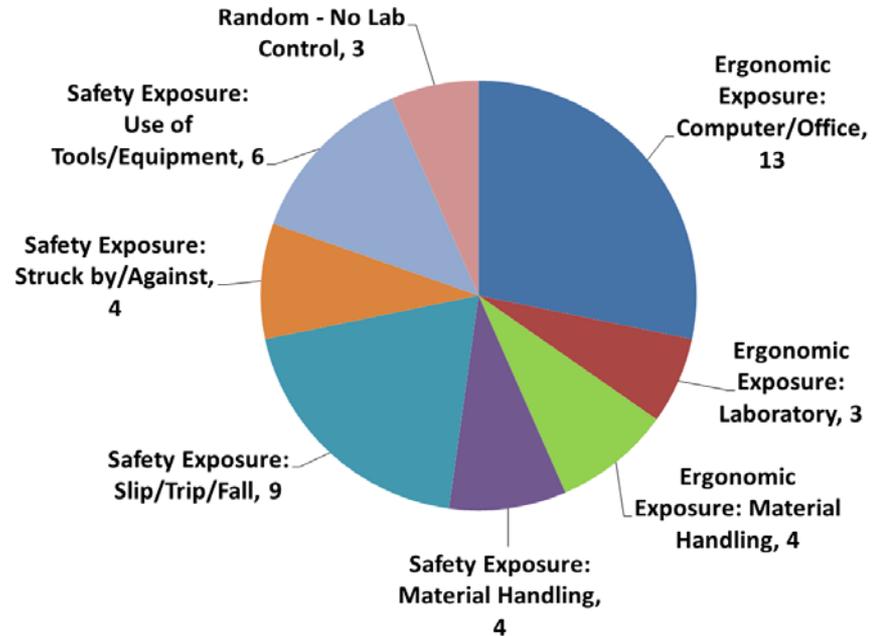


# Recordable Injury Categories and Causes

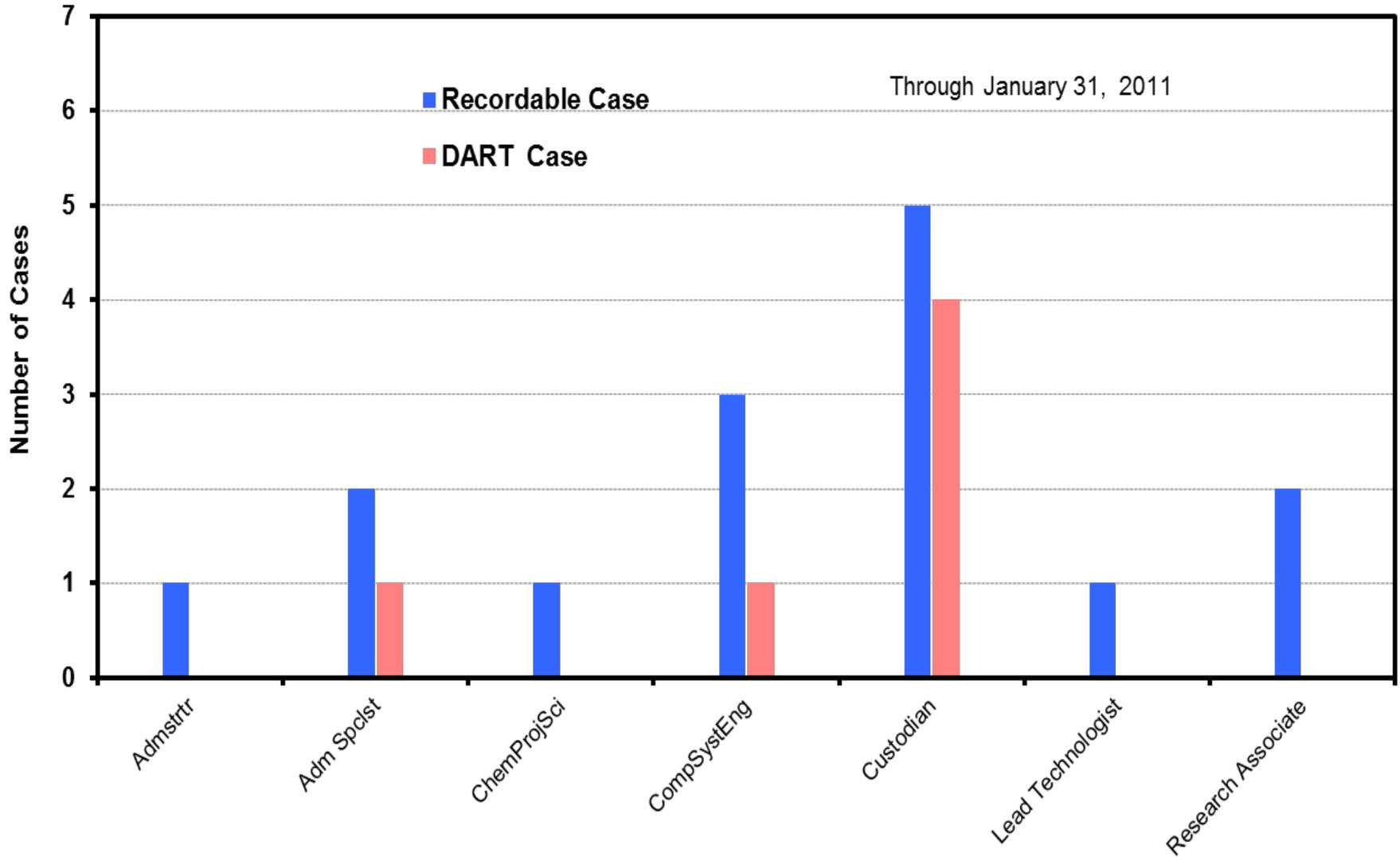
FY 2012 through January 31, 2012



FY 2011

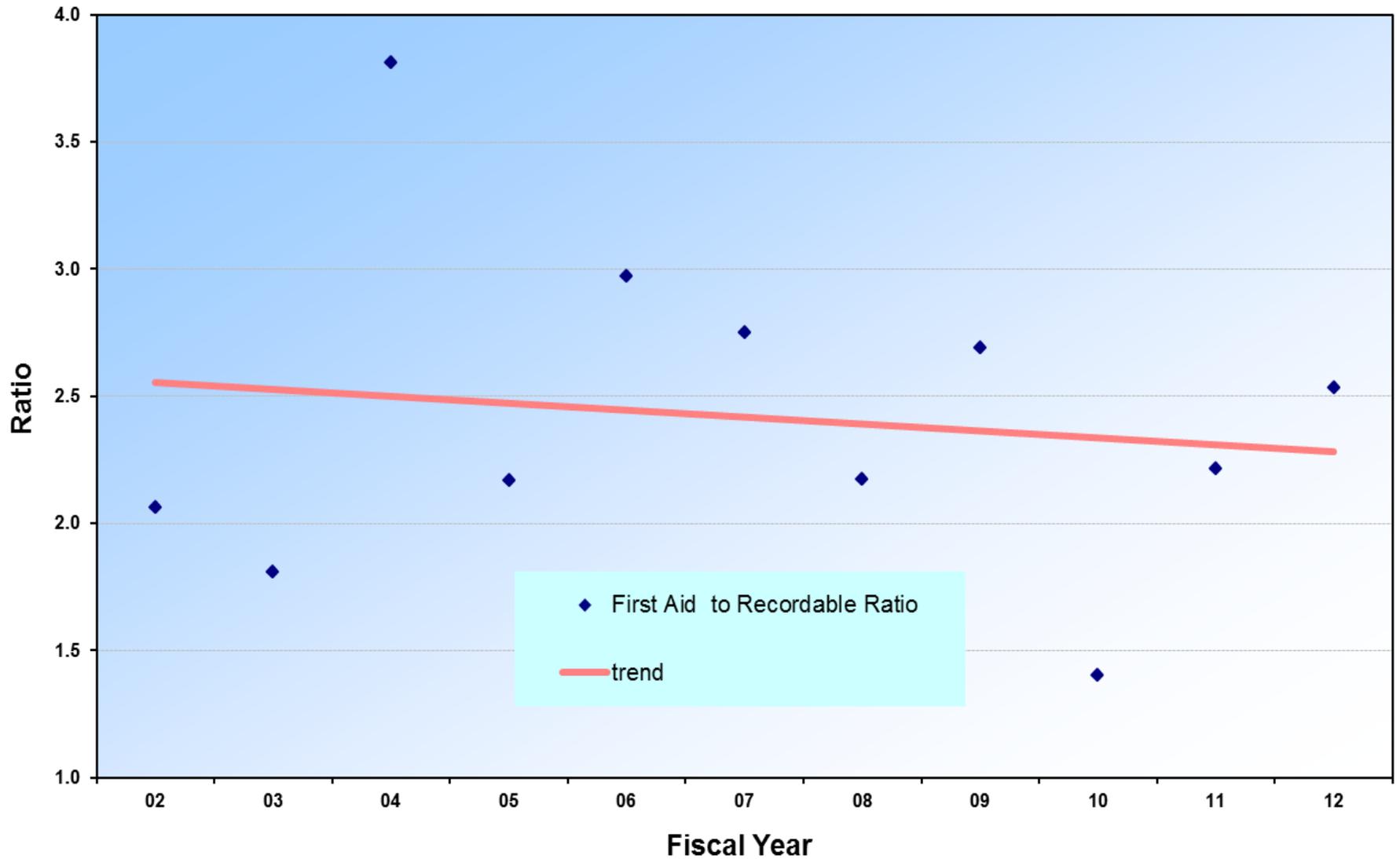


## Recordable and DART Cases by Job Classification

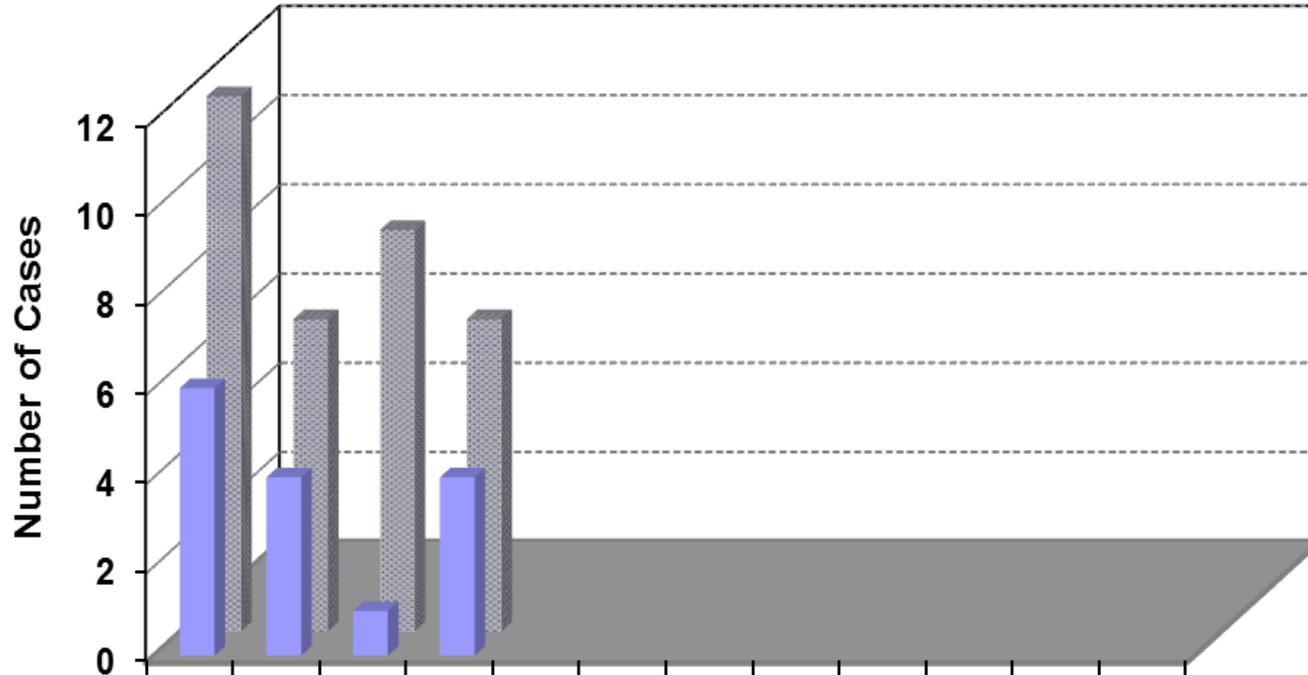


# First Aid to Recordable Case Ratio

through January 31, 2012

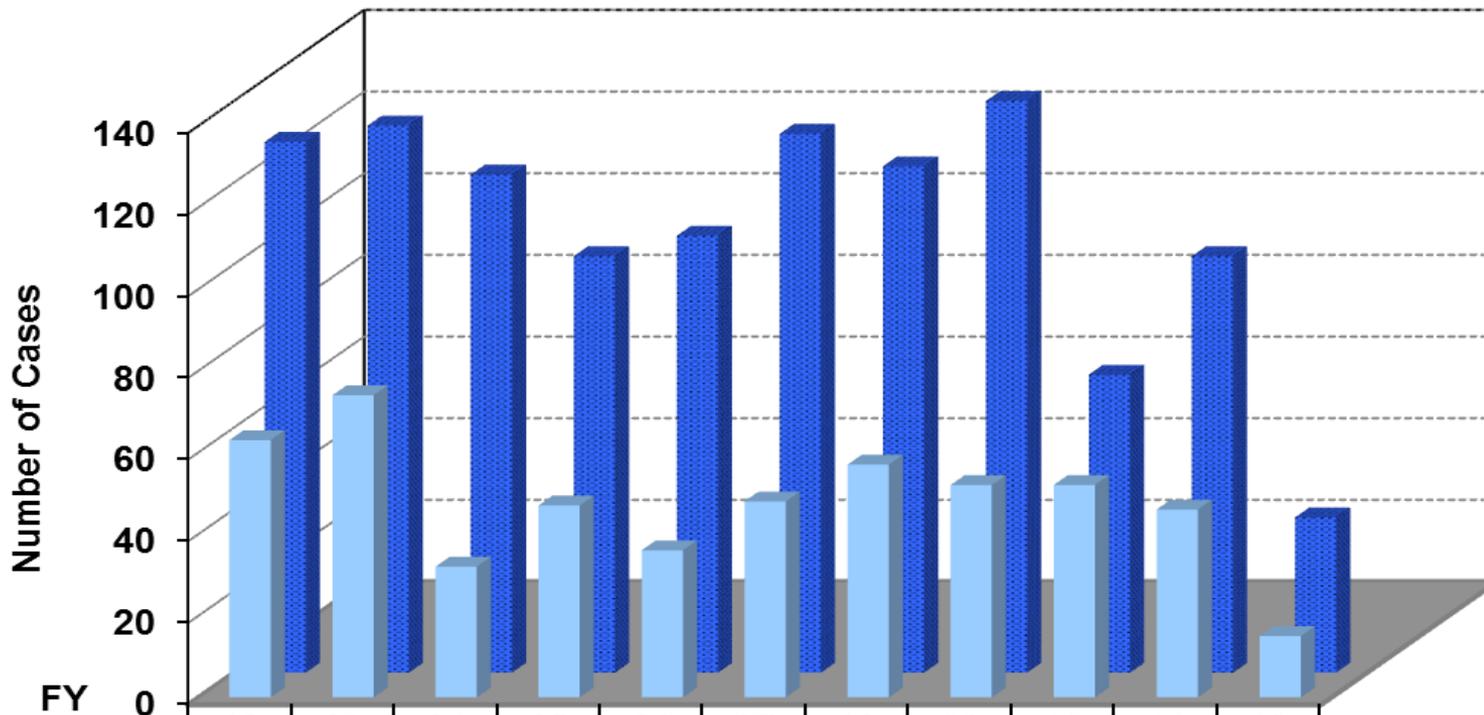


## FY2012 First Aid to Recordable Comparison by Month through January 31, 2012



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	6	4	1	4								
■ FA	15	7	9	7								
FA to REC Ratio	2.5	1.8	9.0	1.8								
% of Total as FA	71	64	90	64								
% of Total as REC	29	36	10	36								

## FY02 to FY2011 First Aid to Recordable Comparison by Year through January 31, 2012



REC	63	74	32	47	36	48	57	52	52	46	15
FA	130	134	122	102	107	132	124	140	73	102	38
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.2	2.5
% of Total as FA	67	64	79	68	75	73	69	73	58	69	72
% of Total as REC	33	36	21	32	25	27	31	27	42	31	28

# LBNL Total Recordable Cases October 1, 2011 - September 30, 2012 (FY12)

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total YTD	
<b>LBNL Research</b>														
<b>Computing Sciences</b>	0	1	0	1	0	0	0	0	0	0	0	0	2	
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0	
Division Office	0	0	0	0	0	0	0	0	0	0	0	0	0	
NERSC Center	0	0	0	1	0	0	0	0	0	0	0	0	1	
Scientific Networking	0	1	0	0	0	0	0	0	0	0	0	0	1	
<b>General Sciences</b>	1	1	0	0	0	0	0	0	0	0	0	0	2	
AFRD	0	1	0	0	0	0	0	0	0	0	0	0	1	
Engineering	1	0	0	0	0	0	0	0	0	0	0	0	1	
Nuclear Science	0	0	0	0	0	0	0	0	0	0	0	0	0	
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Energy &amp; Environmental Sciences</b>	0	0	0	1	0	0	0	0	0	0	0	0	1	
Chemical Sciences	0	0	0	1	0	0	0	0	0	0	0	0	1	
Earth Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	
Environmental Energy Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0	
Materials Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Biosciences</b>	1	0	0	1	0	0	0	0	0	0	0	0	2	
Genomics	1	0	0	0	0	0	0	0	0	0	0	0	1	
Life Sciences	0	0	0	1	0	0	0	0	0	0	0	0	1	
Physical Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Advanced Light Source</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>LBNL Research Sub-Total</b>	2	2	0	3	0	0	0	0	0	0	0	0	7	
<b>LBNL Operations</b>														
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0	0	
Facilities	2	1	1	1	0	0	0	0	0	0	0	0	5	
Human Resources	1	1	0	0	0	0	0	0	0	0	0	0	2	
Information Technology	1	0	0	0	0	0	0	0	0	0	0	0	1	
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0	
CFO	0	0	0	0	0	0	0	0	0	0	0	0	0	
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>LBNL Operations Sub-Total</b>	4	2	1	1	0	0	0	0	0	0	0	0	8	
<b>LBNL Total</b>	6	4	1	4	0	0	0	0	0	0	0	0	15	
<b>LBNL Construction</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>Site Grand Total</b>	6	4	1	4	0	0	0	0	0	0	0	0	15	
<i>Prior Year (FY11) Site Grand Total</i>	5	1	1	3	2	8	2	3	6	6	3	6	46	
<i>Prior Year (FY10) Site Grand Total</i>	3	5	2	1	7	5	1	7	6	5	1	9	52	
<i>Prior Year (FY09) Site Grand Total</i>	2	4	2	7	4	10	5	5	1	4	7	3	54	
<i>Prior Year (FY08) Site Grand Total</i>	7	4	4	5	3	4	3	8	5	5	2	7	57	
<i>Prior Year (FY07) Site Grand Total</i>	5	7	2	4	5	6	1	2	2	8	2	4	48	
Color Gradation Key:	0	1	2	3	4	5	6	7	8+					20

Data as of 1/31/12

Notes: Projections assume that hours worked will remain constant

# \*LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2011 - September 30, 2012 (FY12) \*

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total YTD
<b>LBNL Research</b>													
<b>Computing Sciences</b>	0	0	0	1	0	0	0	0	0	0	0	0	1
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0
Division Office	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	1	0	0	0	0	0	0	0	0	1
Scientific Networking	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>General Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRD	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
Nuclear Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Energy &amp; Environmental Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Earth Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Environmental Energy Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0
Materials Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Biosciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
Life Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Light Source</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Research Sub-Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>							
<b>LBNL Operations</b>													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	1	0	1	0	0	0	0	0	0	0	0	4
Human Resources	1	0	0	0	0	0	0	0	0	0	0	0	1
Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
CFO	0	0	0	0	0	0	0	0	0	0	0	0	0
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations Sub-Total</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>5</b>							
<b>LBNL Total</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>							
<b>LBNL Construction</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Site Grand Total</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>							
<i>Prior Year (FY11) Site Grand Total</i>	3	0	0	1	0	3	2	2	4	5	0	3	23
<i>Prior Year (FY10) Site Grand Total</i>	1	3	1	0	3	3	1	1	3	2	2	0	20
<i>Prior Year (FY09) Site Grand Total</i>	1	2	0	2	0	5	2	3	0	2	2	0	19
<i>Prior Year (FY08) Site Grand Total</i>	3	3	2	2	1	3	1	4	1	2	1	2	25
<i>Prior Year (FY07) Site Grand Total</i>	2	4	0	3	2	4	1	1	0	4	0	3	24
Color Gradation Key:	0	1	2	3	4	5	6	7	8+				

Data as of 1/31/12

Notes: Projections assume that hours worked will remain constant