



# Berkeley Lab Accident Statistics Through January 31, 2013



**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 [rwfisher@lbl.gov](mailto:rwfisher@lbl.gov)**

# Injury/Illness Cases – January 2013

## Ergonomic

- **Repetitive strain of wrist**
  - The Research Associate experienced the onset of discomfort due to computer keyboard and mouse use at workstations that were not optimally configured for this employee.
- **Back discomfort / strain**
  - The Business Analyst experienced the onset of discomfort in the back due to sitting for extended periods of time at the computer workstation.
- **Strain of wrist**
  - The Writer/Editor experienced the onset of wrist discomfort that may relate back to a previous workstation adjustment.

# Injury/Illness Cases – January 2013

## Trauma

- **Contusion on knee**
  - The Computer Systems Engineer sustained a minor contusion of the knee while working with a colleague to move a modular metal storage drawer cabinet from a shipping pallet to a furniture dolly.
- **Contusion on fingers**
  - While lifting the engine compartment lid of a passenger van, the hood slipped from the Truck Driver's grasp and caught the fifth finger.
- **Contusion on wrist**
  - While tightening a bolt on high vacuum equipment the open end wrench slipped off the head of the bolt and the GSRA's hand struck against an adjacent part of the equipment.

# Injury/Illness Cases – January 2013

## **Puncture / Laceration**

- **Puncture (clean needle)**
  - The Guest GSRA punctured the mid chest area through lab coat and clothes while holding an uncapped syringe in one hand and at the same time trying to unscrew the top of a jar with both hands.
- **Laceration on finger**
  - While working in a chemical fume hood, the Guest Student Assistant picked up a glass syringe that had been broken. The sharp irregular edge of the broken syringe caused a laceration of the finger.

# Injury/Illness Cases – January 2013

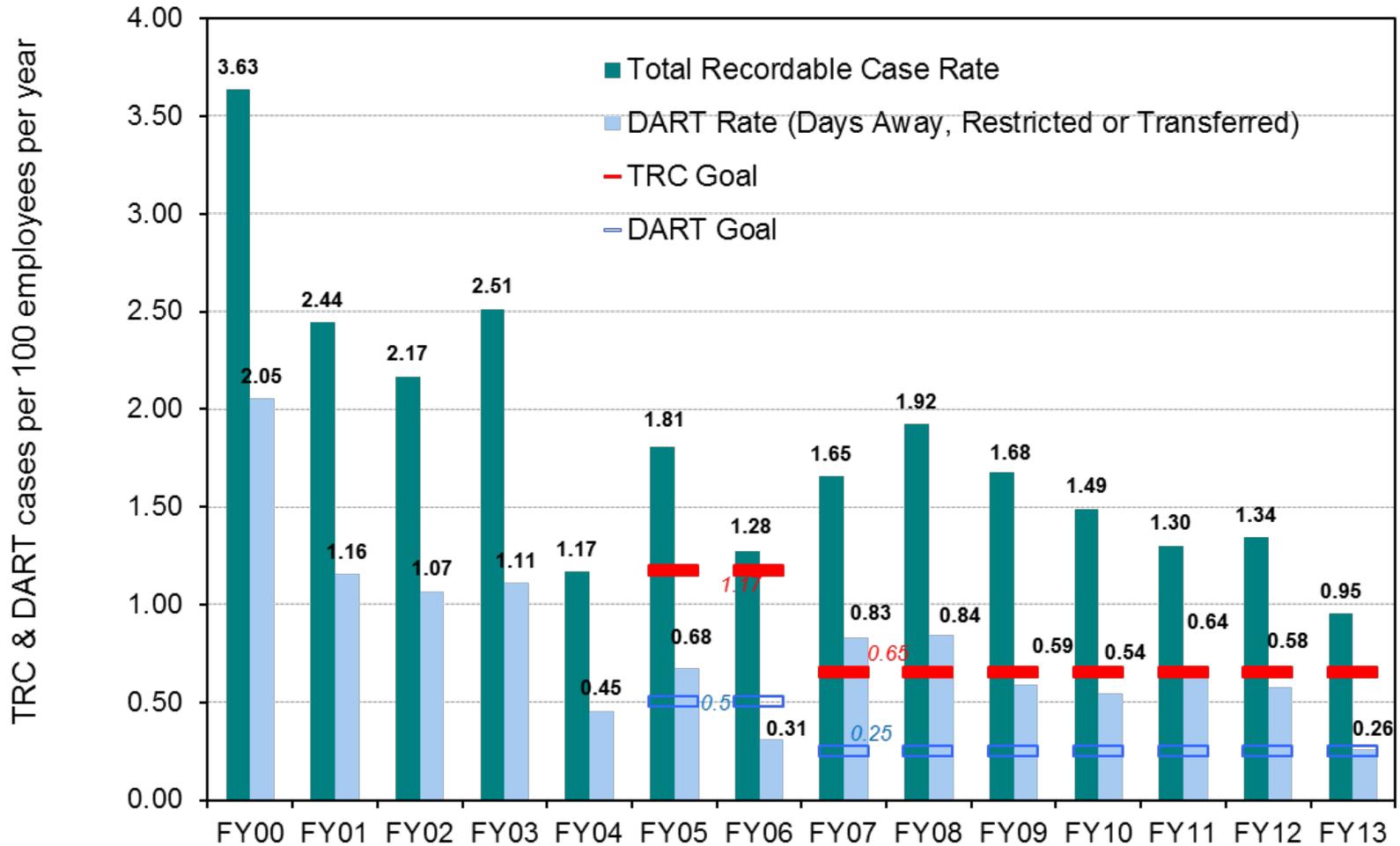
## Slip Trip Fall

- **Abrasion on knee**
  - The Administrative Specialist tripped over a water discharge hose while walking across the N3 parking lot area by the SERC construction project. The employee fell and struck the knee on the pavement.
- **Abrasions and contusions**
  - The Staff Research Associate was bicycling from B90 toward B50 and passed through the Chu, Smoot, Alvarez Roads traffic circle. The bicycle tires slipped on the cross walk painted marking which was wet due to a recent street sweeper pass. The employee fell to the ground and sustained multiple abrasions and contusions on the buttocks, elbow and lower leg.
- **Contusion / strain to thigh**
  - The Administrative Services Supervisor stated the knee gave out while descending the stairway to the Building 50 main lobby. A serious fall was prevented because the employee was using the handrail.

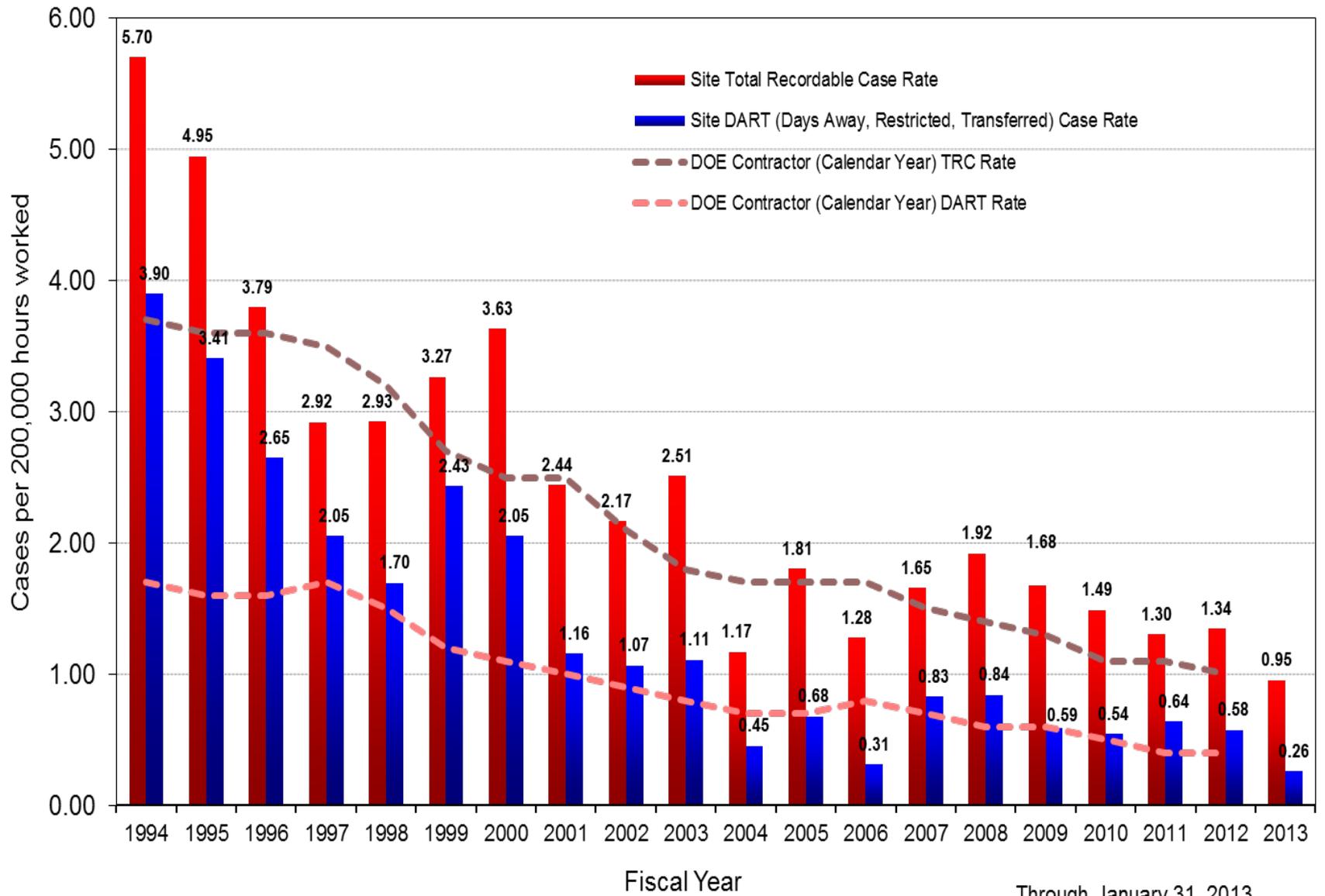
# Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

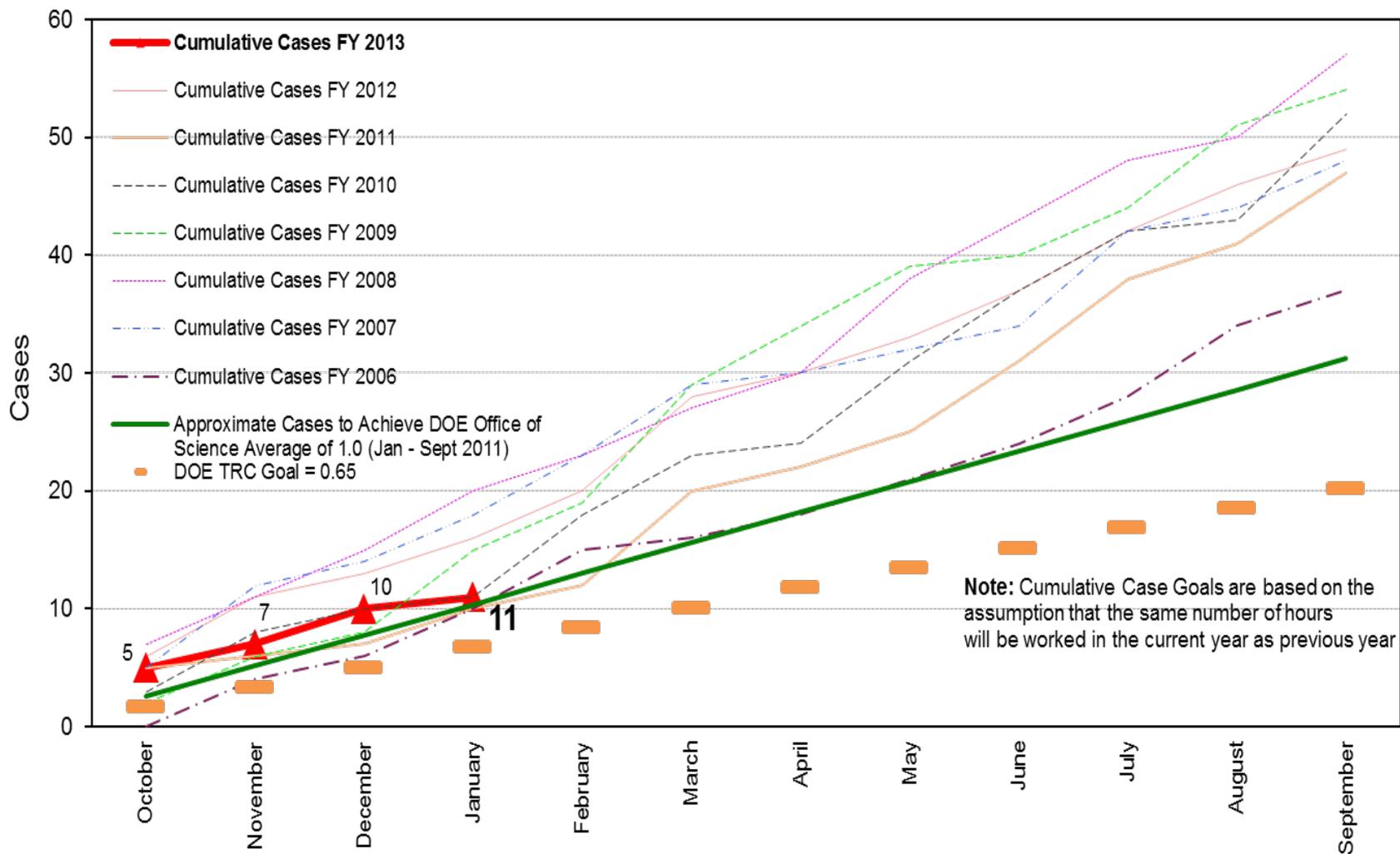
## Through January 31, 2013



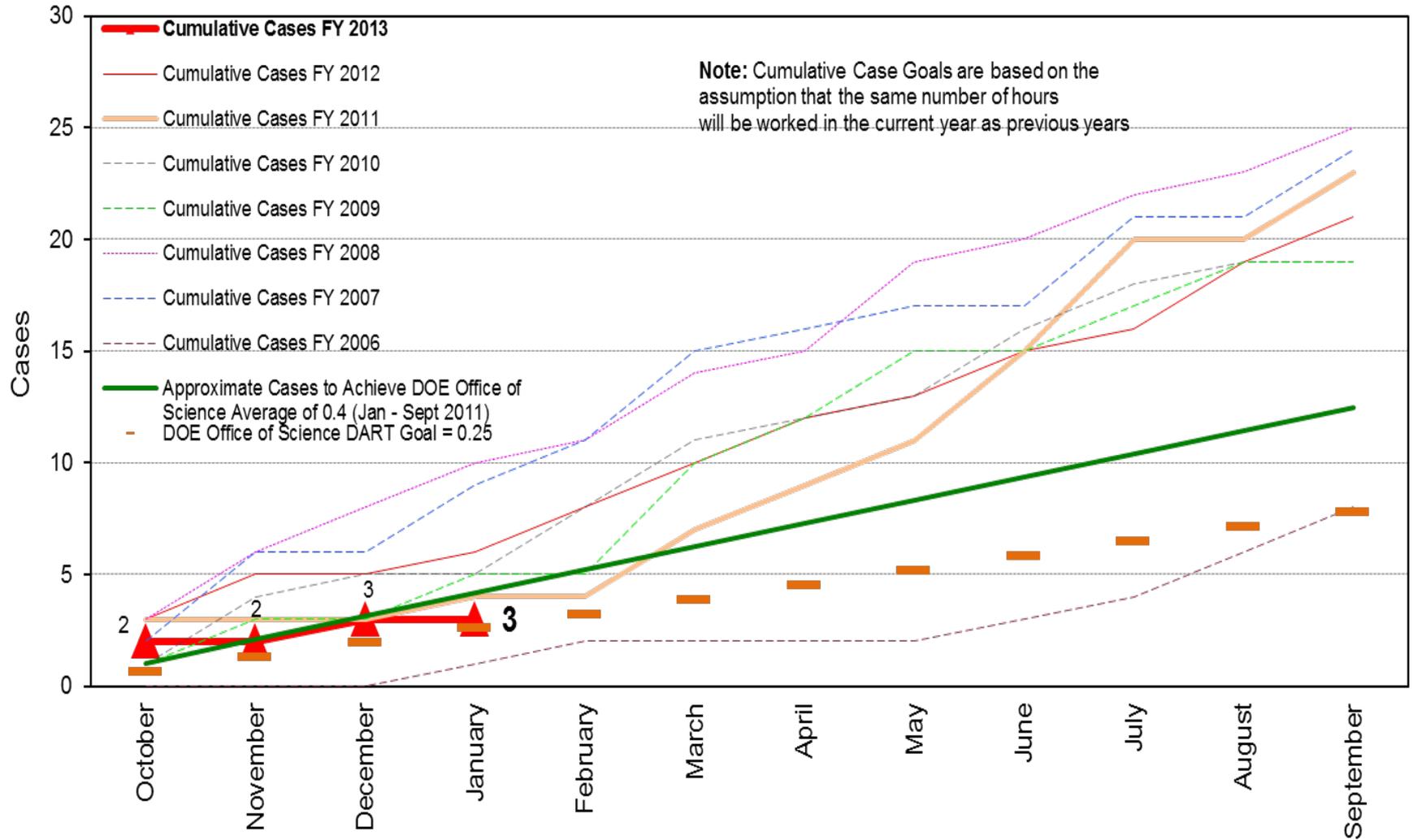
# Berkeley Lab Site Accident Rates



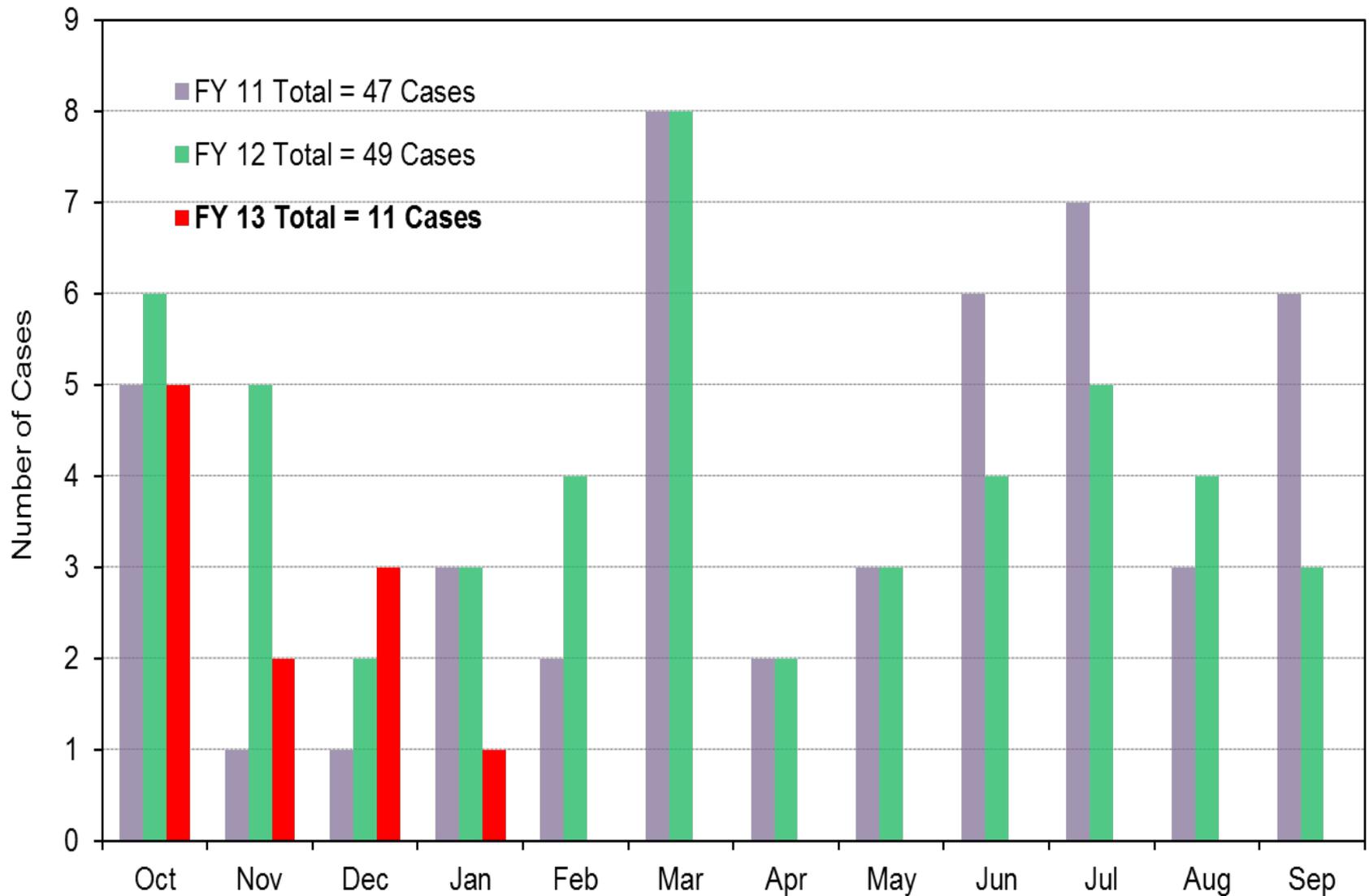
## Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



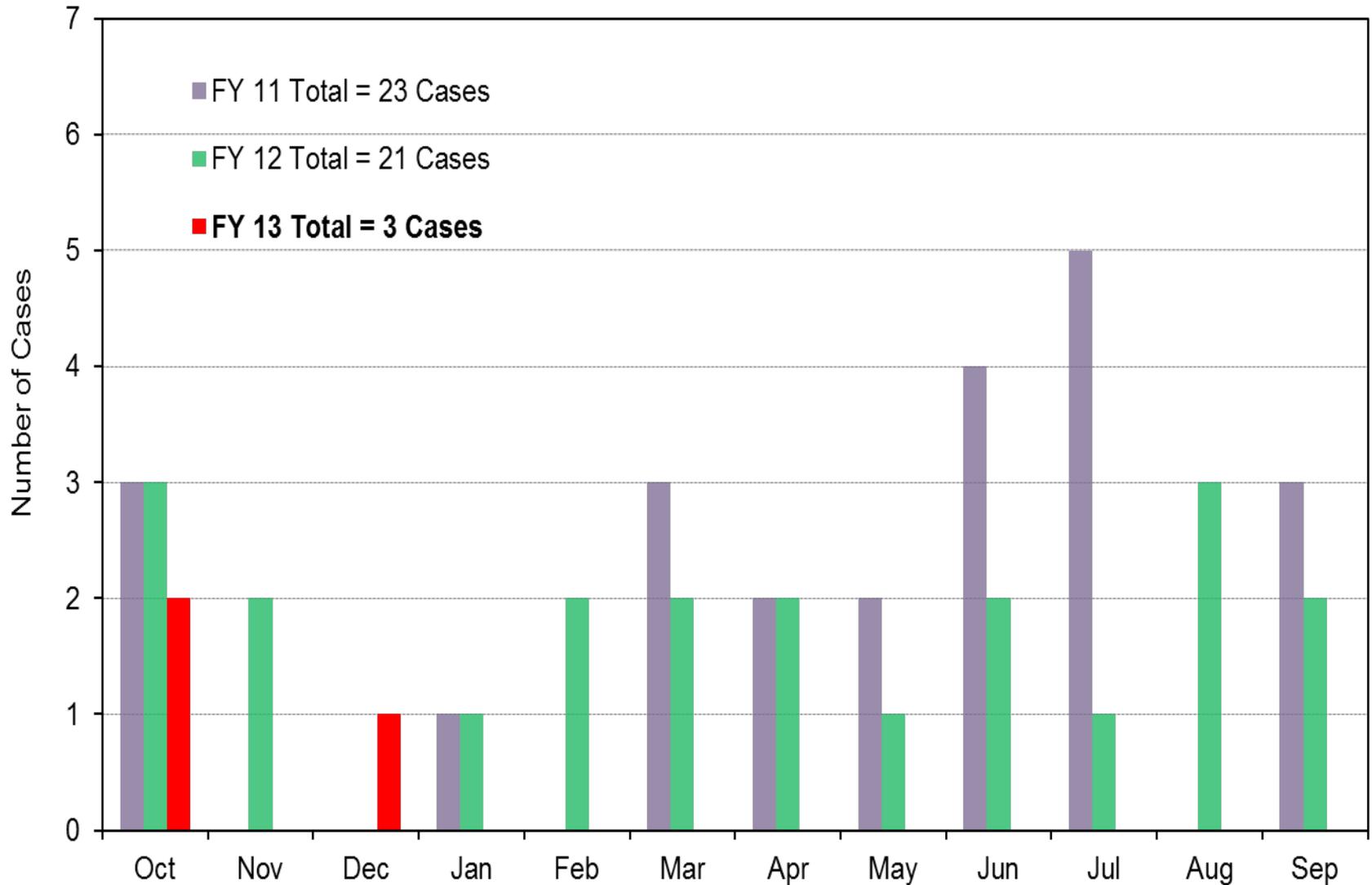
## Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

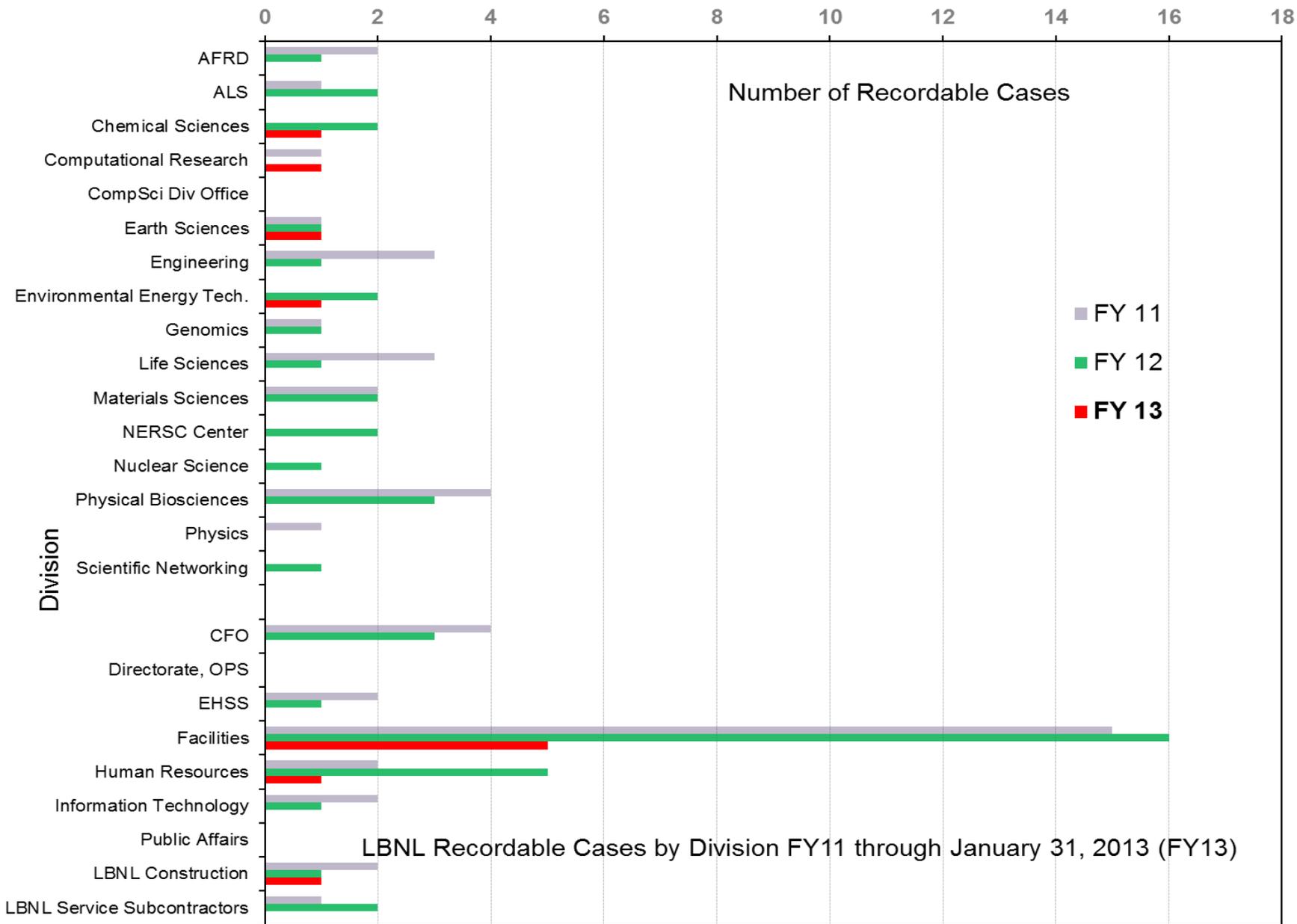


# LBNL Recordable Cases FY11 through January 31, 2013 (FY13)

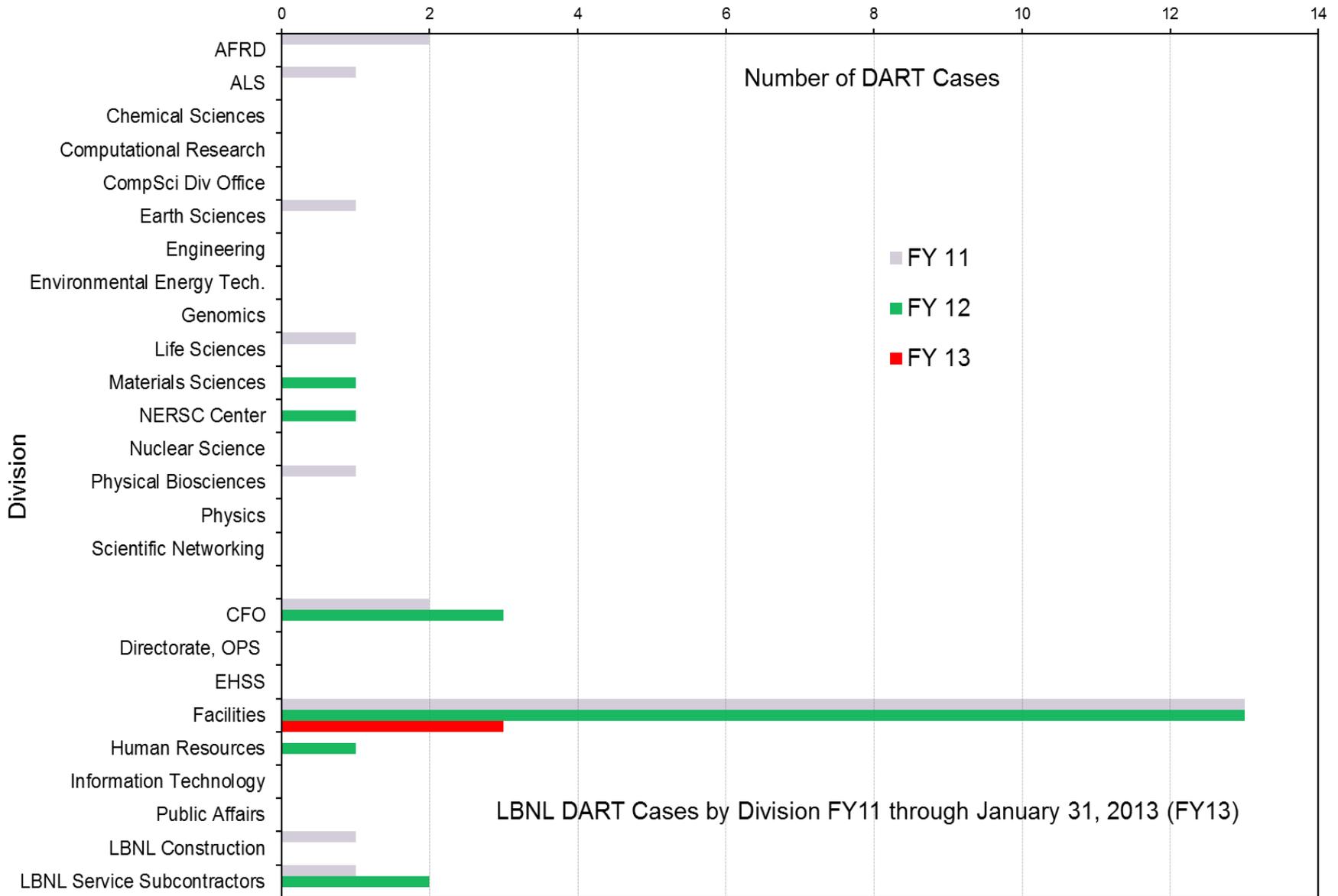


# LBNL DART Cases FY11 through January 31, 2013 (FY13)



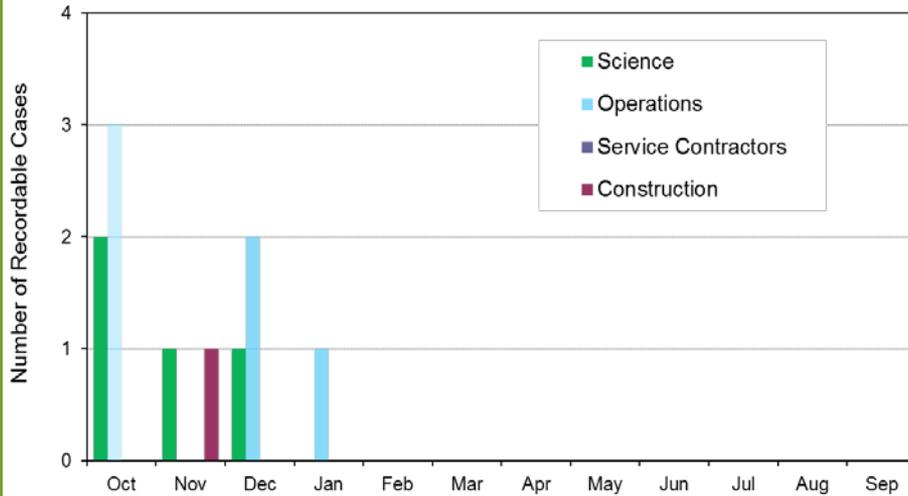


LBNL Recordable Cases by Division FY11 through January 31, 2013 (FY13)

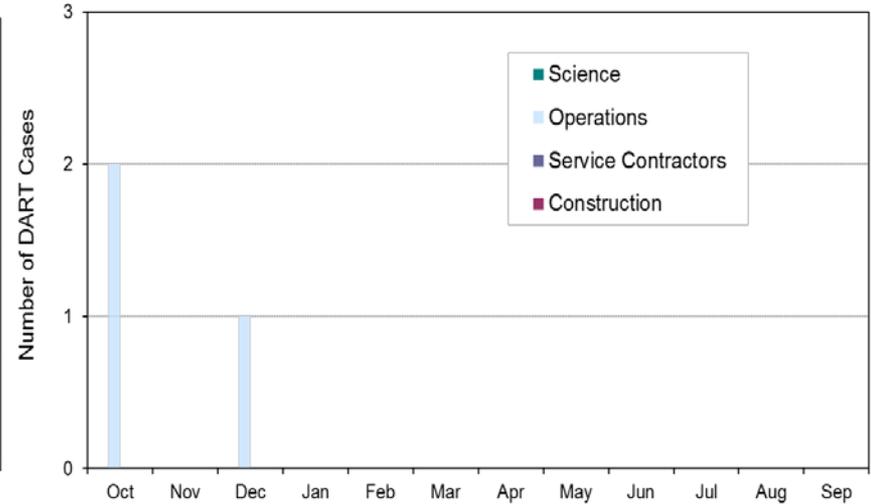


LBNL DART Cases by Division FY11 through January 31, 2013 (FY13)

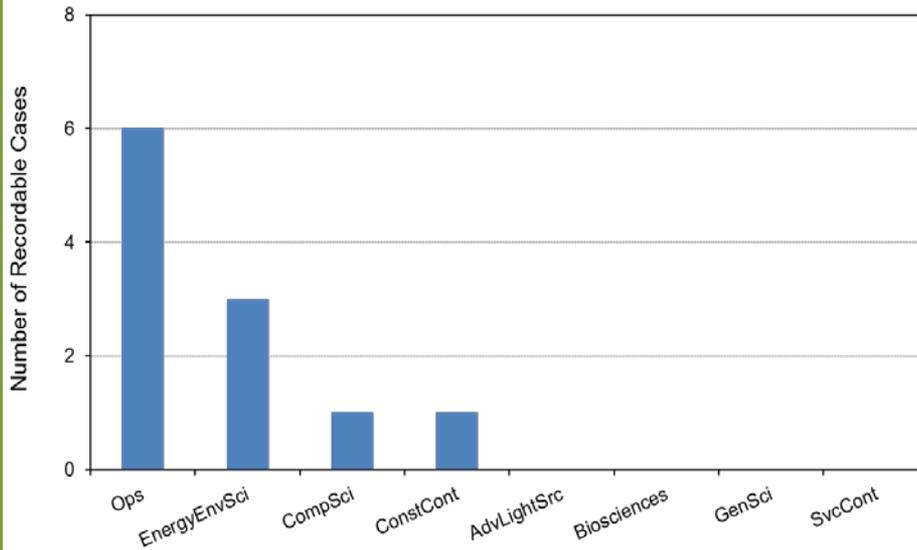
Recordable Cases by LBNL Major Organization  
FY 2013 To Date January 31, 2013



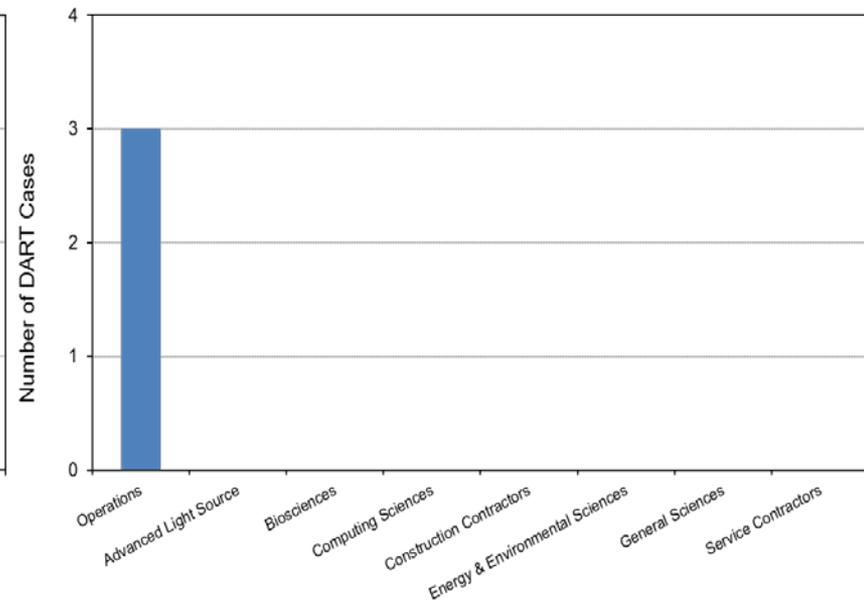
DART Cases by LBNL Major Organization  
FY 2013 To Date January 31, 2013



Recordable Cases by Directorate  
FY 2013 To Date January 31, 2013

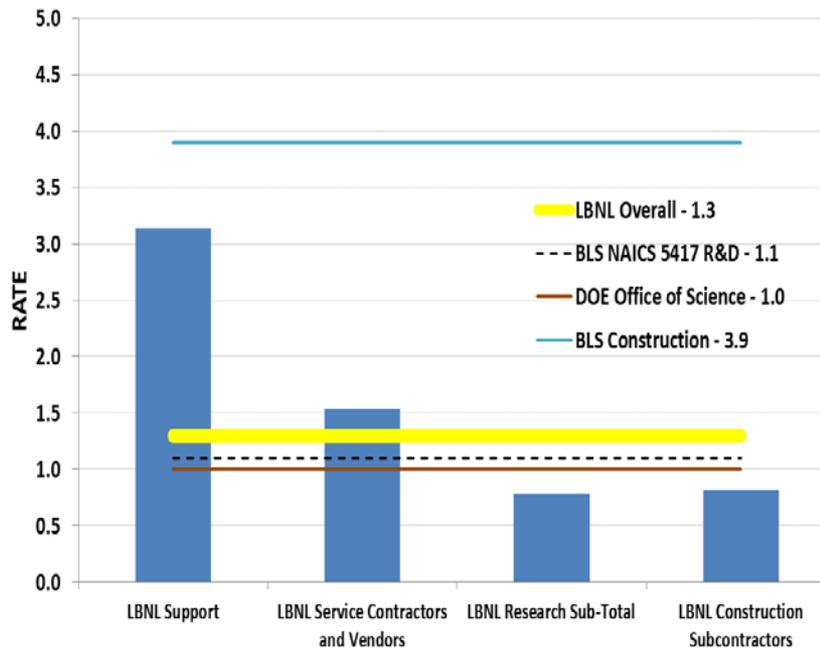


DART Cases by Directorate  
FY 2013 To Date January 31, 2013

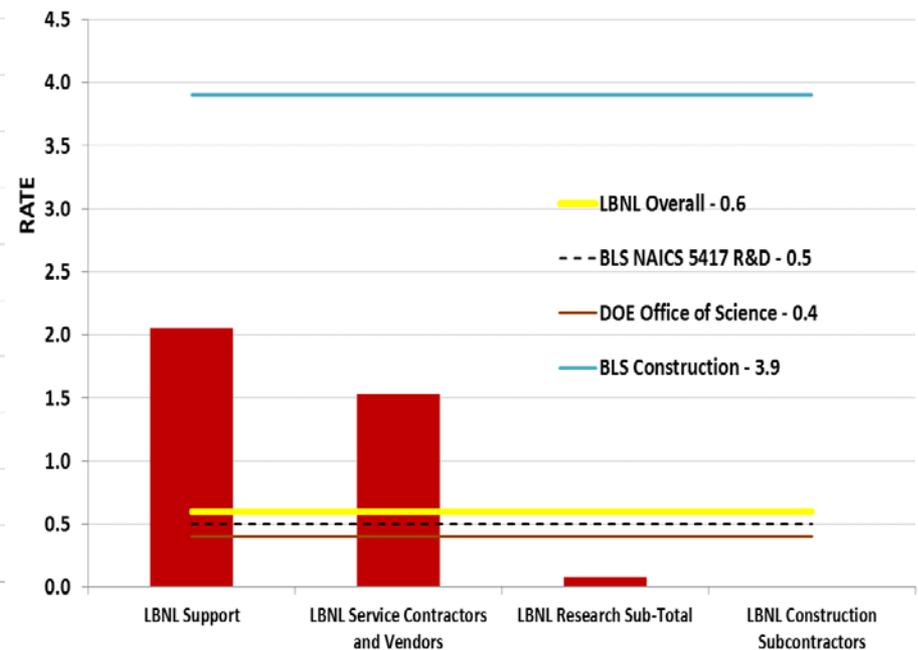


# FY 2012 Summary Reference

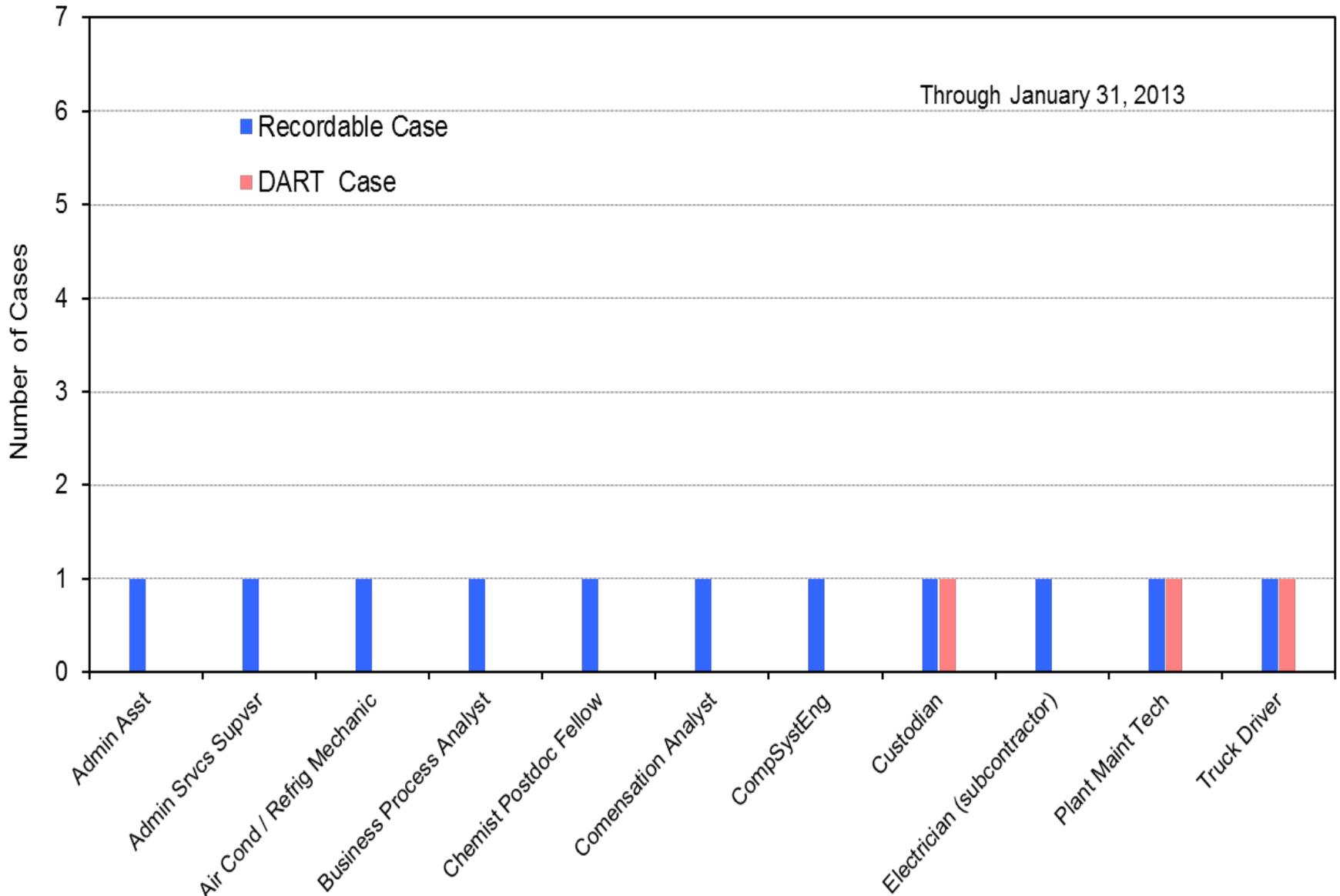
**FY12 Recordable Rate with Benchmarks  
(DOE Reporting Organization)**



**FY12 DART Rate with Benchmarks  
(DOE Reporting Organization)**

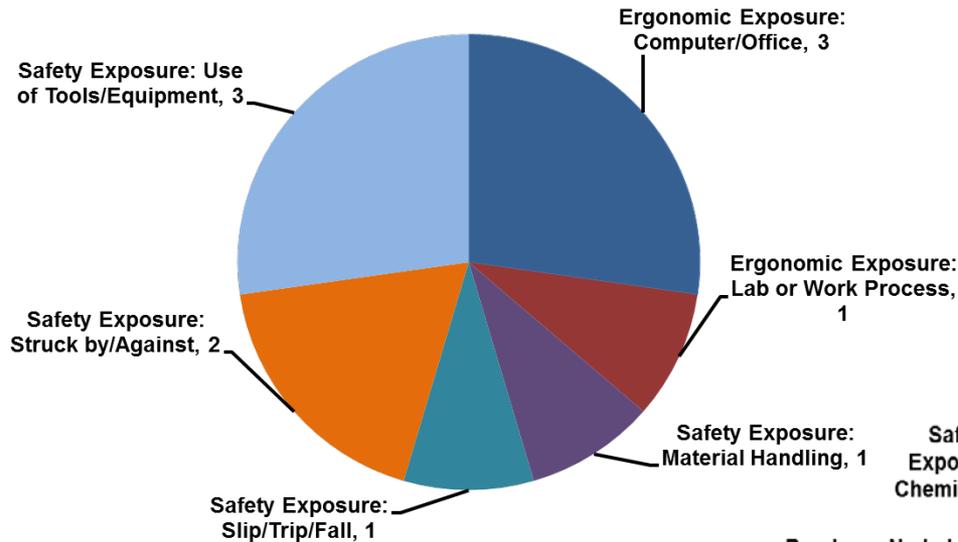


# Recordable and DART Cases by Job Classification

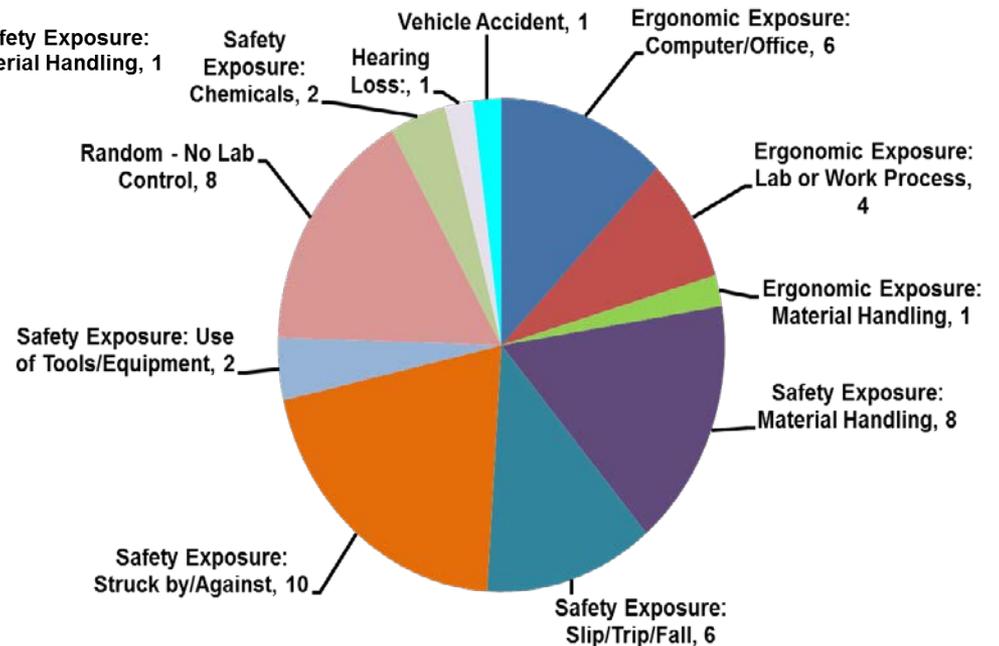


# Recordable Injury Categories and Causes

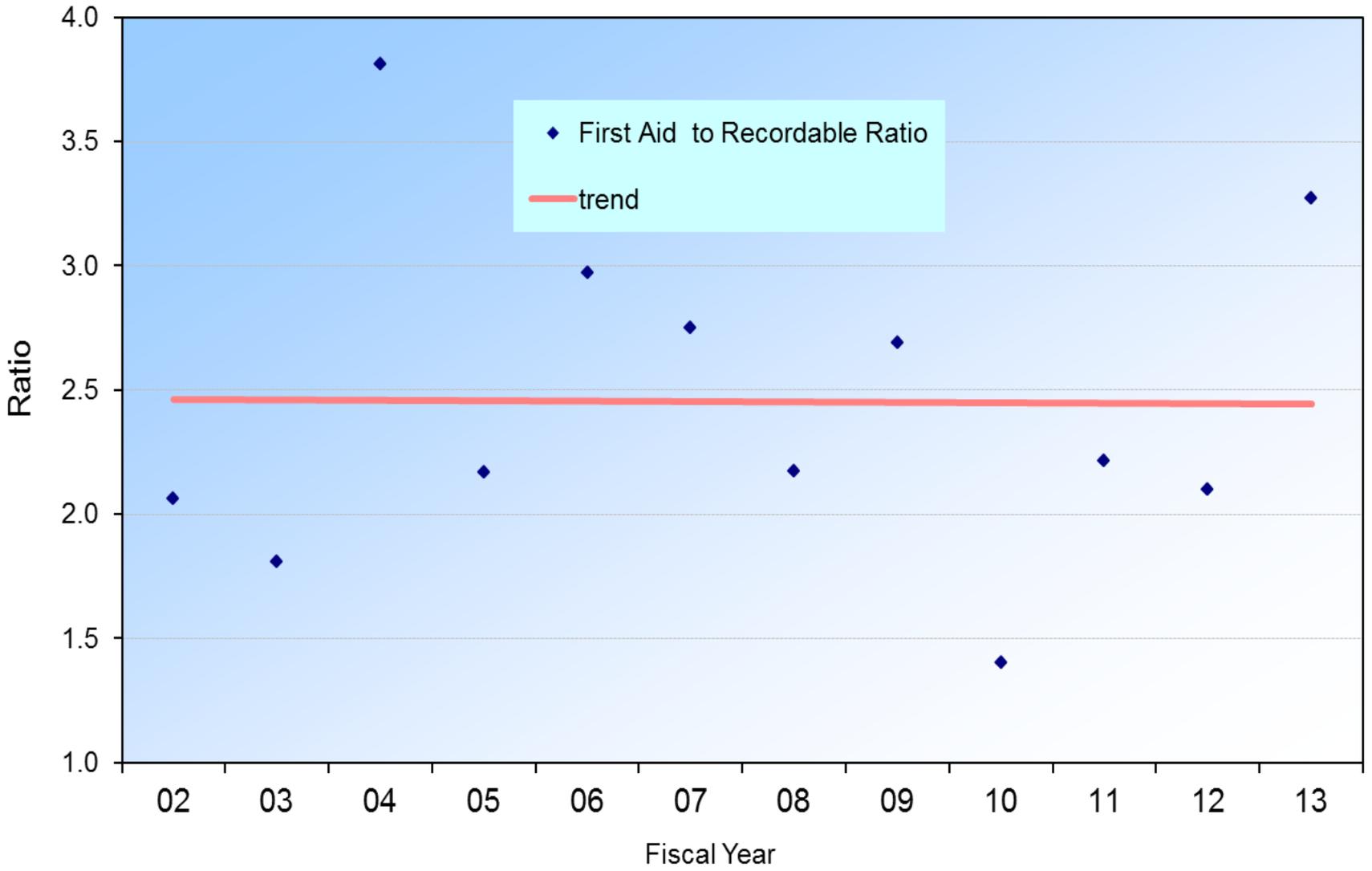
FY 2013 through 1/31/13



FY 2012

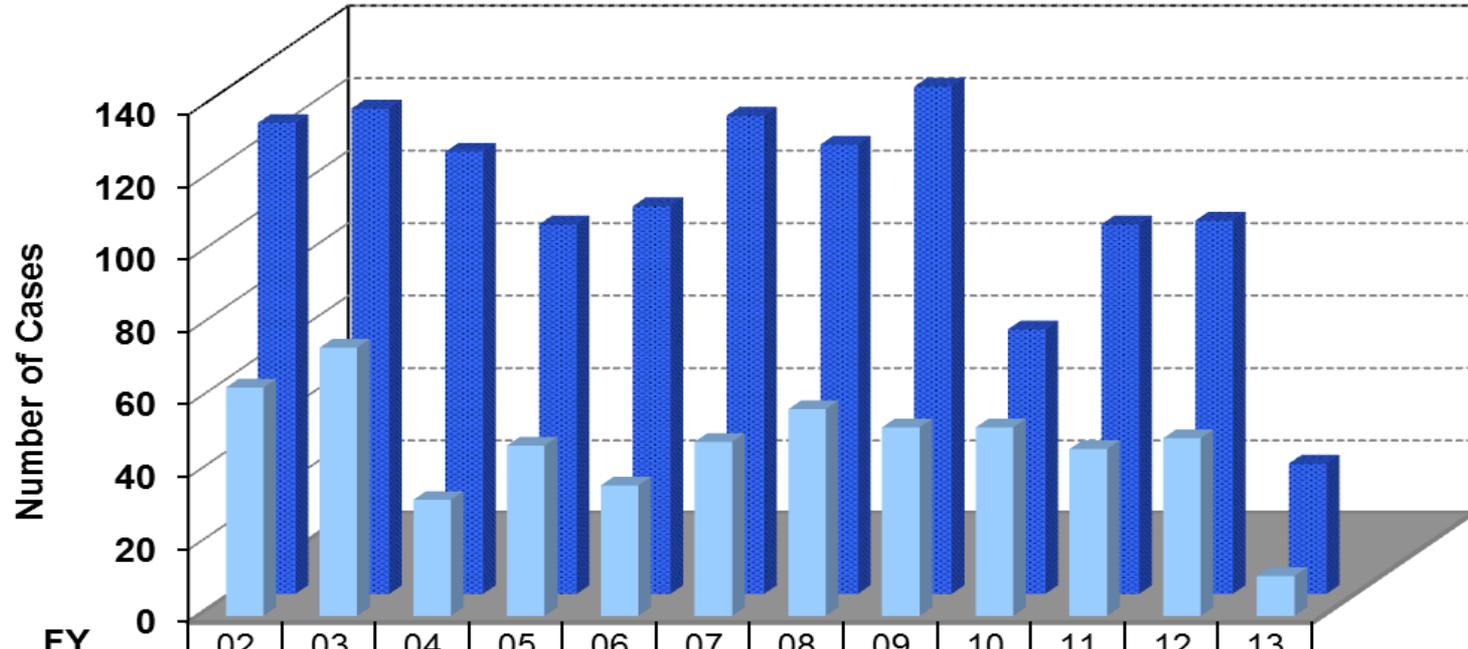


First Aid to Recordable Case Ratio  
through January 31, 2013





## FY02 to FY2013 First Aid to Recordable Comparison by Year through January 31, 2013



FY	02	03	04	05	06	07	08	09	10	11	12	13
REC	63	74	32	47	36	48	57	52	52	46	49	11
FA	130	134	122	102	107	132	124	140	73	102	103	36
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.2	2.10	3.27
% of Total as FA	67	64	79	68	75	73	69	73	58	69	68	77
% of Total as REC	33	36	21	32	25	27	31	27	42	31	32	23

# LBNL Total Recordable Cases October 1, 2012 - September 30, 2013 (FY13)

	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total YTD
<b>LBNL Research</b>													
<b>Computing Sciences</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
Computational Research	1	0	0	0	0	0	0	0	0	0	0	0	1
Division Office	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	0	0	0	0	0	0	0	0	0	0
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>	1	1	1	0	0	0	0	0	0	0	0	0	3
Chemical Sciences	0	1	0	0	0	0	0	0	0	0	0	0	1
Earth Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Environmental Energy Tech.	0	0	1	0	0	0	0	0	0	0	0	0	1
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>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>								
<b>LBNL Operations</b>													
EHSS	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	3	0	1	1	0	0	0	0	0	0	0	0	5
Human Resources	0	0	1	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>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>6</b>							
<b>LBNL Total</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>10</b>							
<b>LBNL Construction</b>	0	1	0	0	0	0	0	0	0	0	0	0	1
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Site Grand Total</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>11</b>							
<i>Prior Year (FY12) Site Grand Total</i>	6	5	2	3	4	8	2	3	4	5	4	3	49
<i>Prior Year (FY11) Site Grand Total</i>	5	1	1	3	2	8	2	3	6	7	3	6	47
<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+				

Data as of 01/31/13

Notes: Projections assume that hours worked will remain constant

# LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2012 - September 30, 2013 (FY13)

	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total YTD
<b>LBNL Research</b>													
<b>Computing Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
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>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations</b>													
EHSS	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	0	1	0	0	0	0	0	0	0	0	0	3
Human Resources	0	0	0	0	0	0	0	0	0	0	0	0	0
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>	2	0	1	0	0	0	0	0	0	0	0	0	3
<b>LBNL Total</b>	2	0	1	0	0	0	0	0	0	0	0	0	3
<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>	2	0	1	0	0	0	0	0	0	0	0	0	3
<i>Prior Year (FY12) Site Grand Total</i>	3	2	0	1	2	2	2	1	2	1	3	2	21
<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 01/31/13

Notes: Projections assume that hours worked will remain constant



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