

# **Berkeley Lab Accident Statistics Through July 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 – July 2012

## Trauma

- **Contusion on side of head**

- The General Clerk suffered a minor contusion as the employee's head struck the side window of the vehicle in which the employee was riding at the point of impact during a collision.

- **Contusion on hand and wrist**

- The Research Associate suffered a minor contusion as the employee's hand grasped the door handle / arm rest of the vehicle in which the employee was riding at the point of impact during a collision.

# Injury/Illness Cases – July 2012

## Trauma

- **Contusion of shoulder region**

- The Research Associate suffered a minor contusion from the shoulder strap of the seat belt worn while driving the Lab vehicle at the point of impact during a collision.

- **Contusion on finger tip**

- The Accounting Manager's finger was caught between the lateral file cabinet frame and the top edge of a closing drawer.

- **Avulsion on palm of hand**

- The Secretary ran into a fixed bench in B67 lobby and tripped forward. The employee suffered an avulsion due to striking the hand against the corner of the bench while breaking the fall forward.

# Injury/Illness Cases – July 2012

## Trauma

- **Strain to lower back**

- The Recruiter experienced trauma to the back when a part on the Herman Miller Aeron chair the employee was sitting in broke as the employee was attempting to stand up from the sitting position.

- **Contusion on knee**

- The Administrative Services Supervisor suffered a contusion on the knee from striking the edge of an open drawer in an under desk drawer unit.

# Injury/Illness Cases – July 2012

## Trauma

- **Contusion on buttocks**

- The Clerical Assistant fell abruptly to the floor landing on the buttocks because the employee's chair had been inadvertently bumped and rolled back from under the employee on the plastic chair mat.

# **Injury/Illness Cases – July 2012**

## **Laceration / Puncture**

- **Laceration on forehead**

- The Mechanical Engineer struck forehead on the edge of a SUV hatchback door in the open position while placing item in vehicle cargo space.

- **Laceration to top of middle finger**

- The Industrial Hygienist suffered a laceration to the top of middle finger when an auto closure device closed the sash of a newly installed chemical fume hood onto the top of the employee's hand which was resting on the hood sill.

# Injury/Illness Cases – July 2012

## Laceration / Puncture

- **Puncture wound to foot**

- The Material Handler experienced a puncture wound on the bottom of the foot from a nail that had worked through the sole of the work shoe.

- **Laceration on forehead**

- The Computer Systems Engineer tripped while ascending the second flight of steps up from Building 50 third floor level to the H2 parking lot (stairway on south side of Building 50 auditorium). The employee fell forward and struck the leading edge of the top step.

# Injury/Illness Cases – July 2012

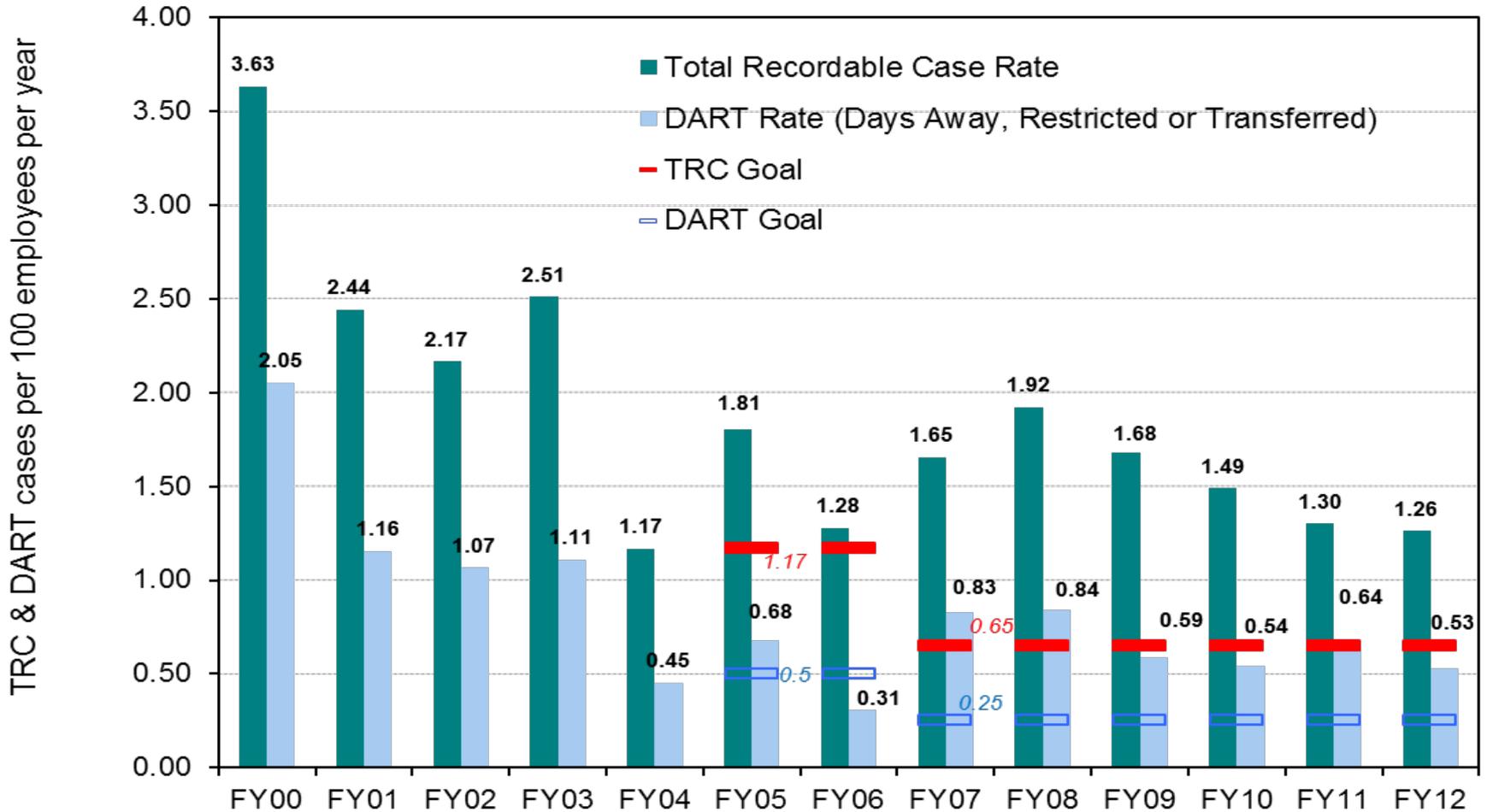
## Electrical Exposure

- **Electrical Exposure on finger**
  - The Research Associate felt a mild electrical shock to the thumb and index finger while adjusting experimental equipment.

# Berkeley Lab Site-Wide TRC & DART Rates

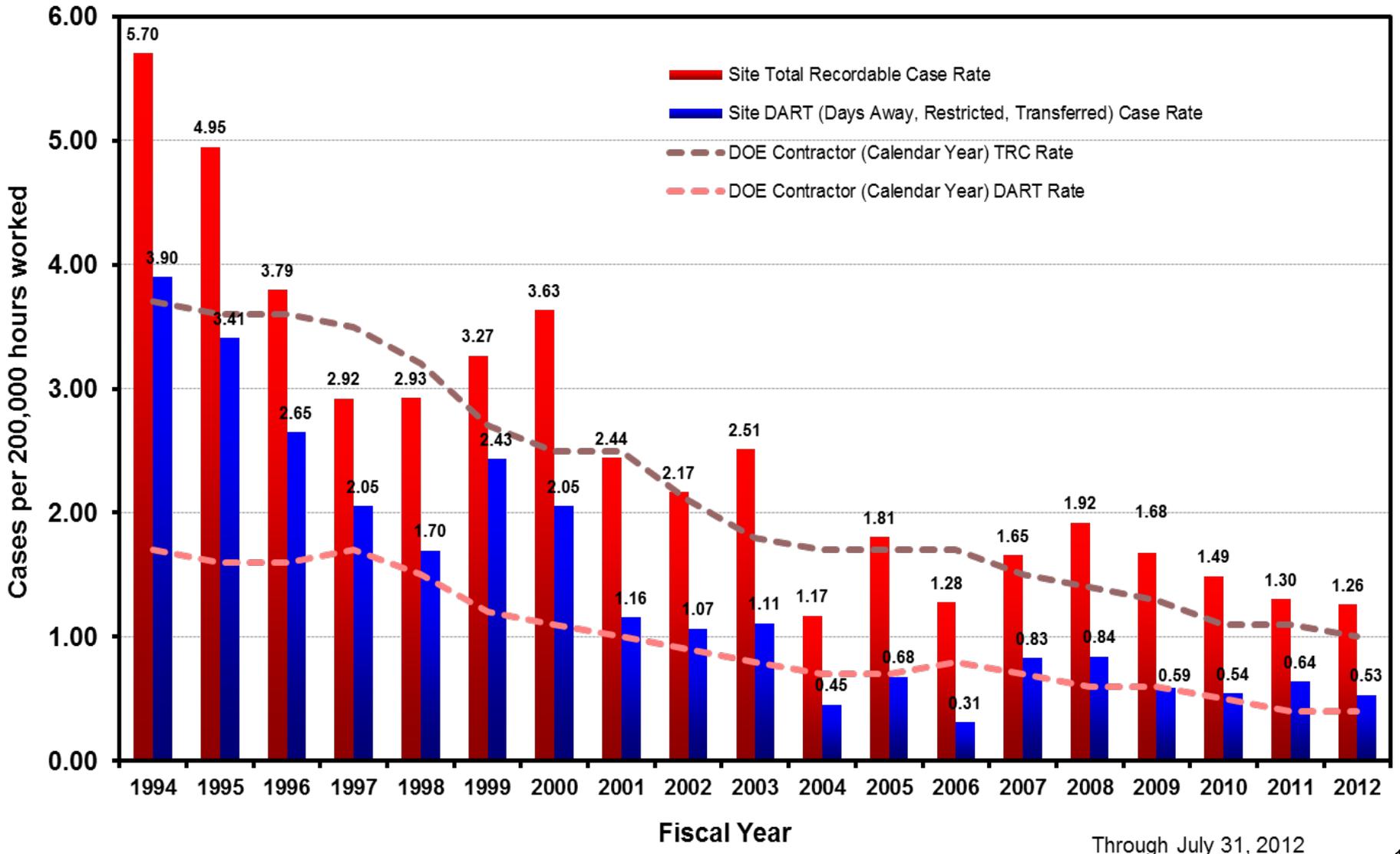
(Includes all Construction and Service Contractors)

## Through July 31, 2012

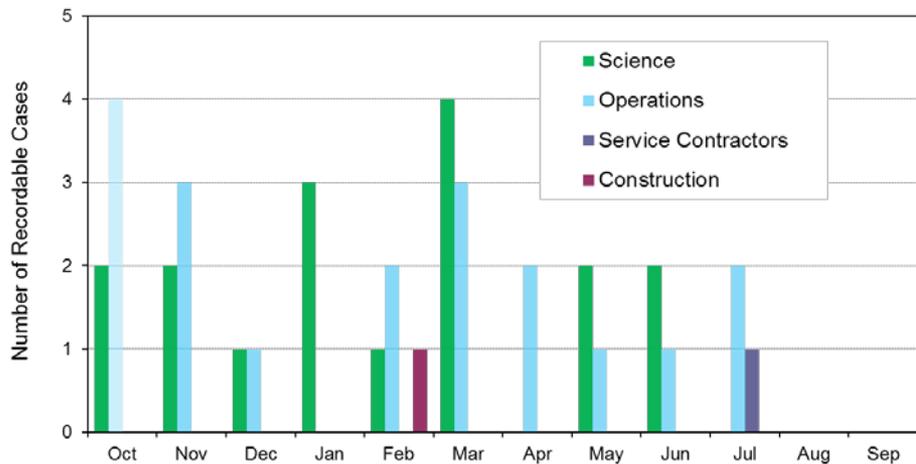


# LBNL vs. DOE Contractor Rates

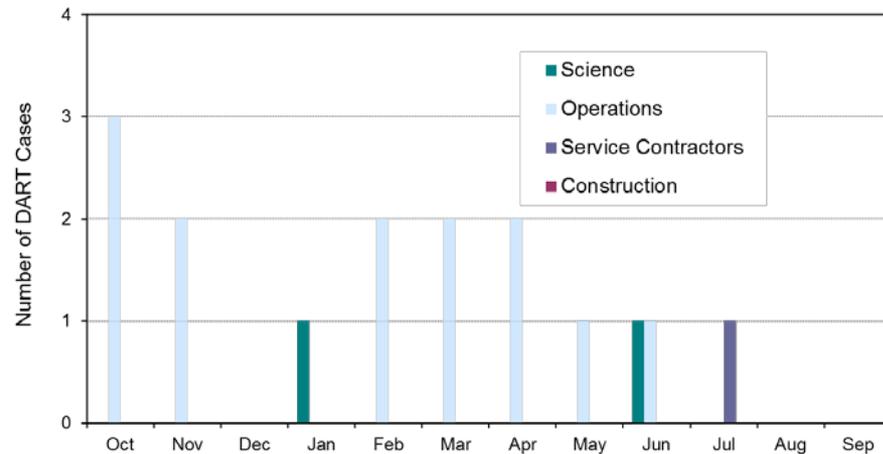
## Berkeley Lab Site Accident Rates



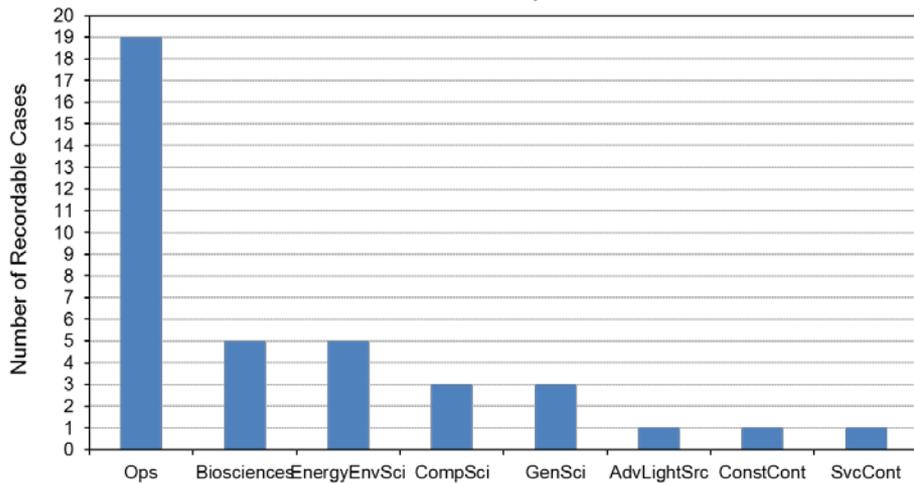
Recordable Cases by LBNL Major Organization  
FY 2012 To Date July 31, 2012



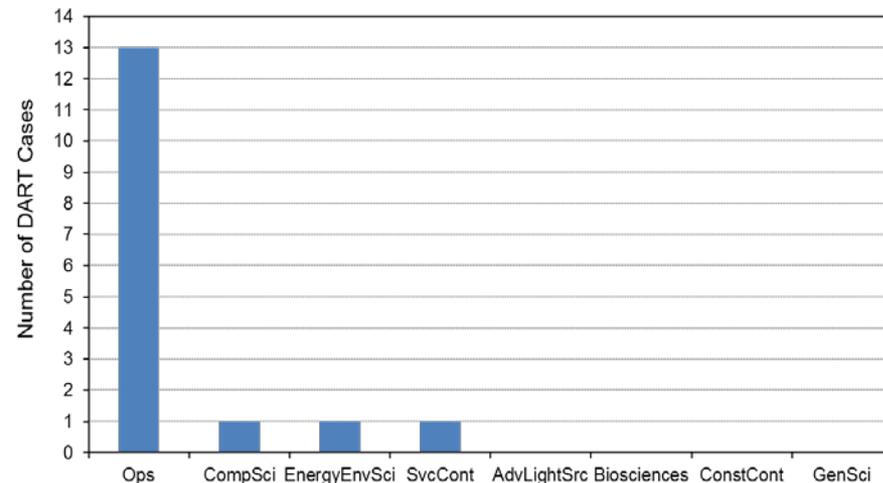
DART Cases by LBNL Major Organization  
FY 2012 To Date July 31, 2012



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

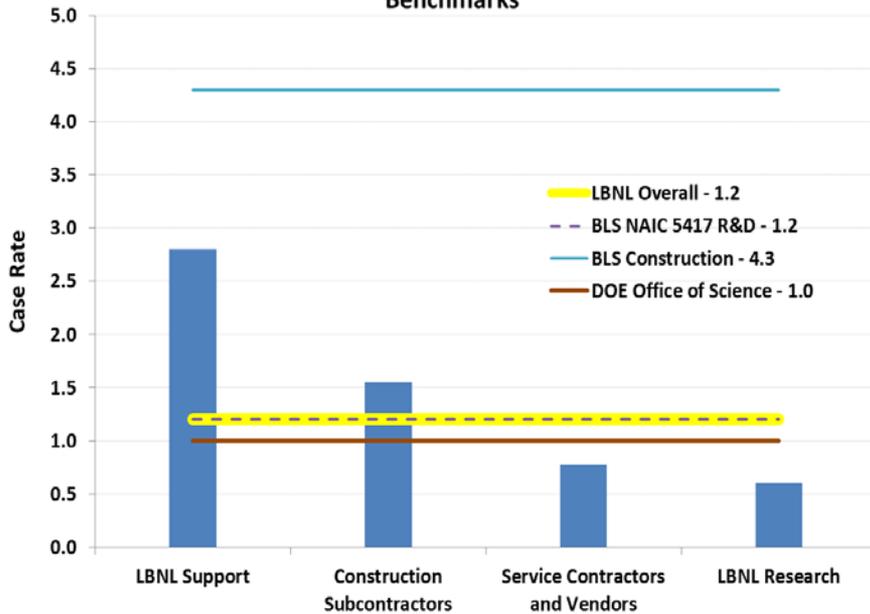


DART Cases by Directorate  
FY 2012 To Date July 31, 2012

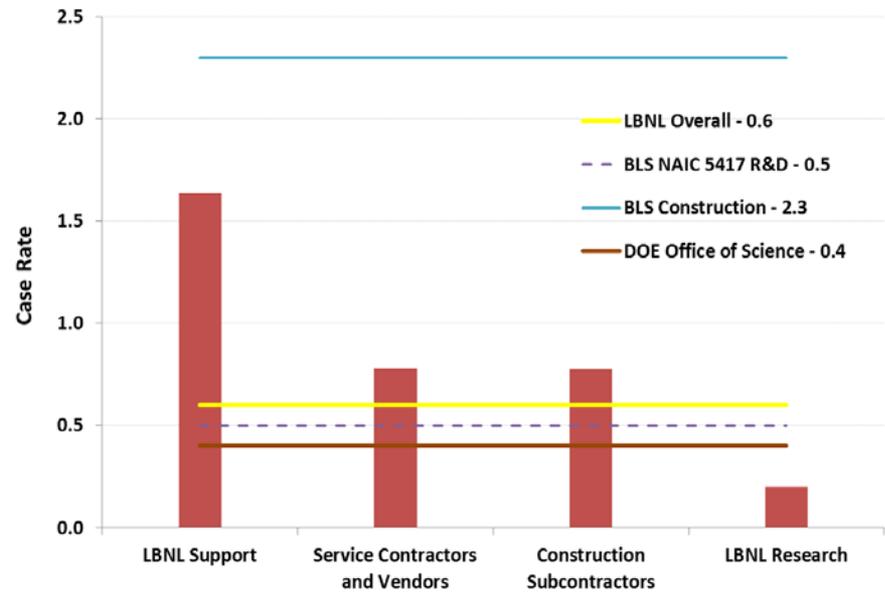


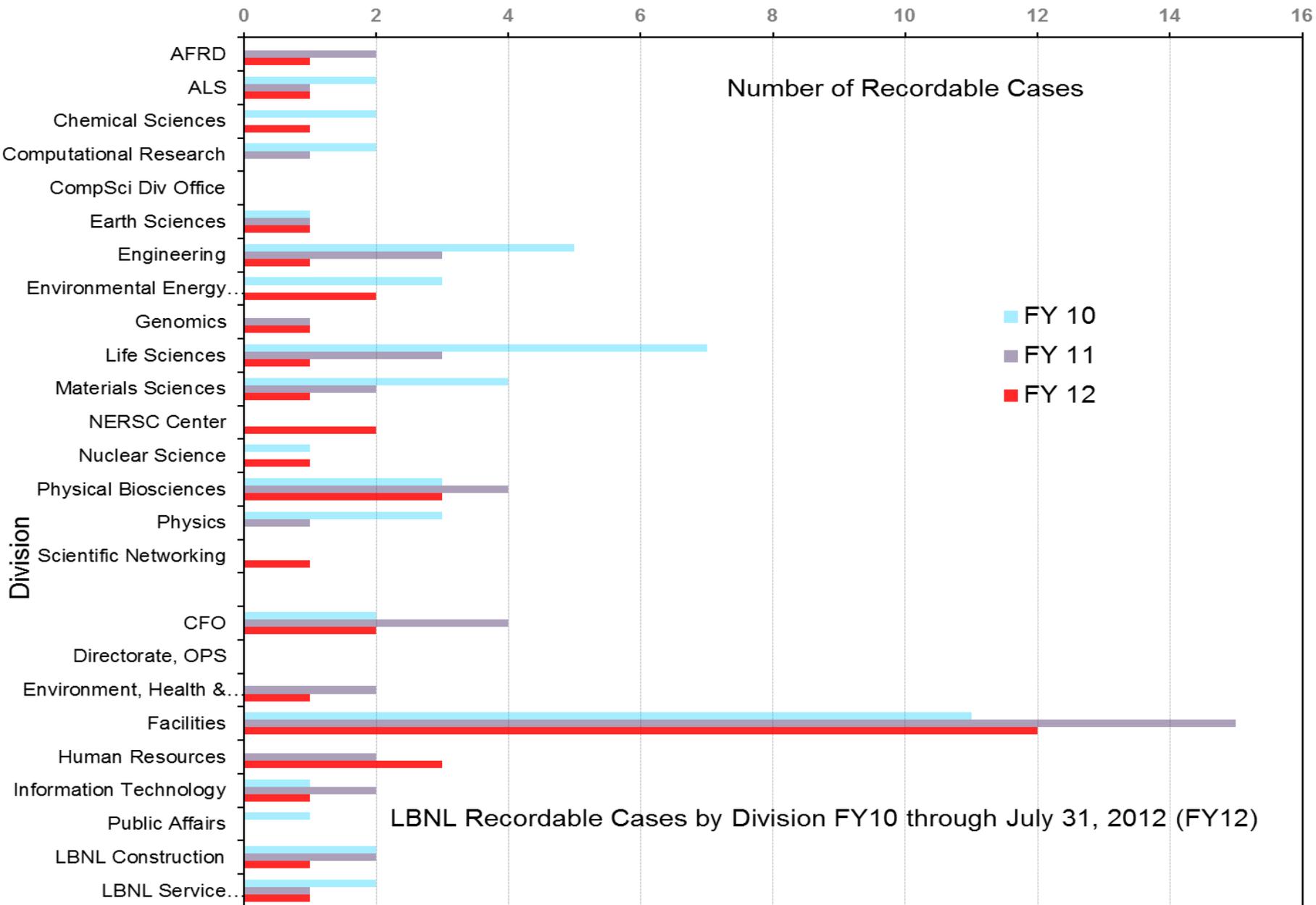
# FY 2011 Summary Reference

FY 2011 Recordable Case Rate by DOE Reporting Organization with Benchmarks

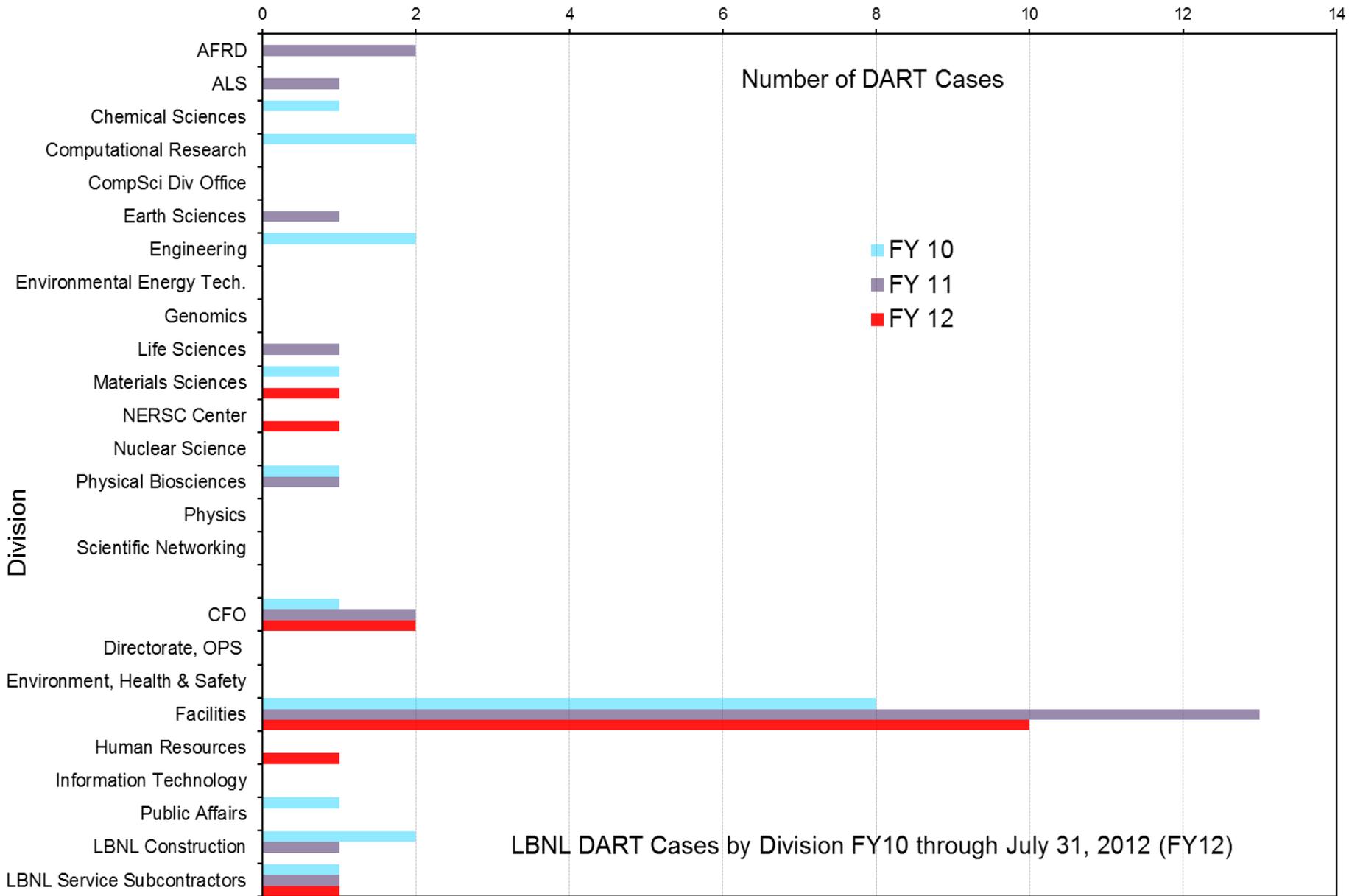


FY 2011 DART Case Rate by DOE Reporting Organization with Benchmarks



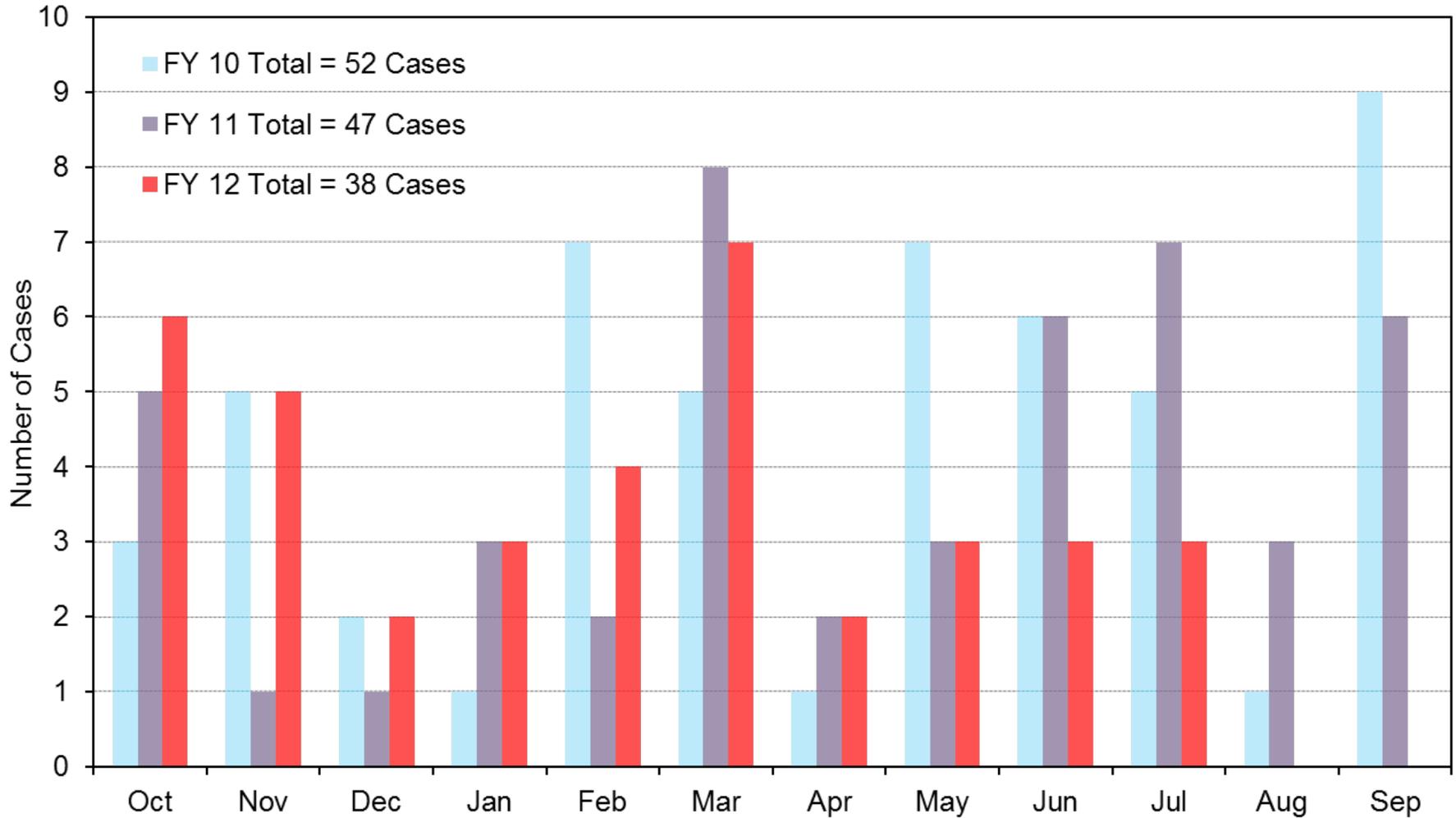


LBNL Recordable Cases by Division FY10 through July 31, 2012 (FY12)

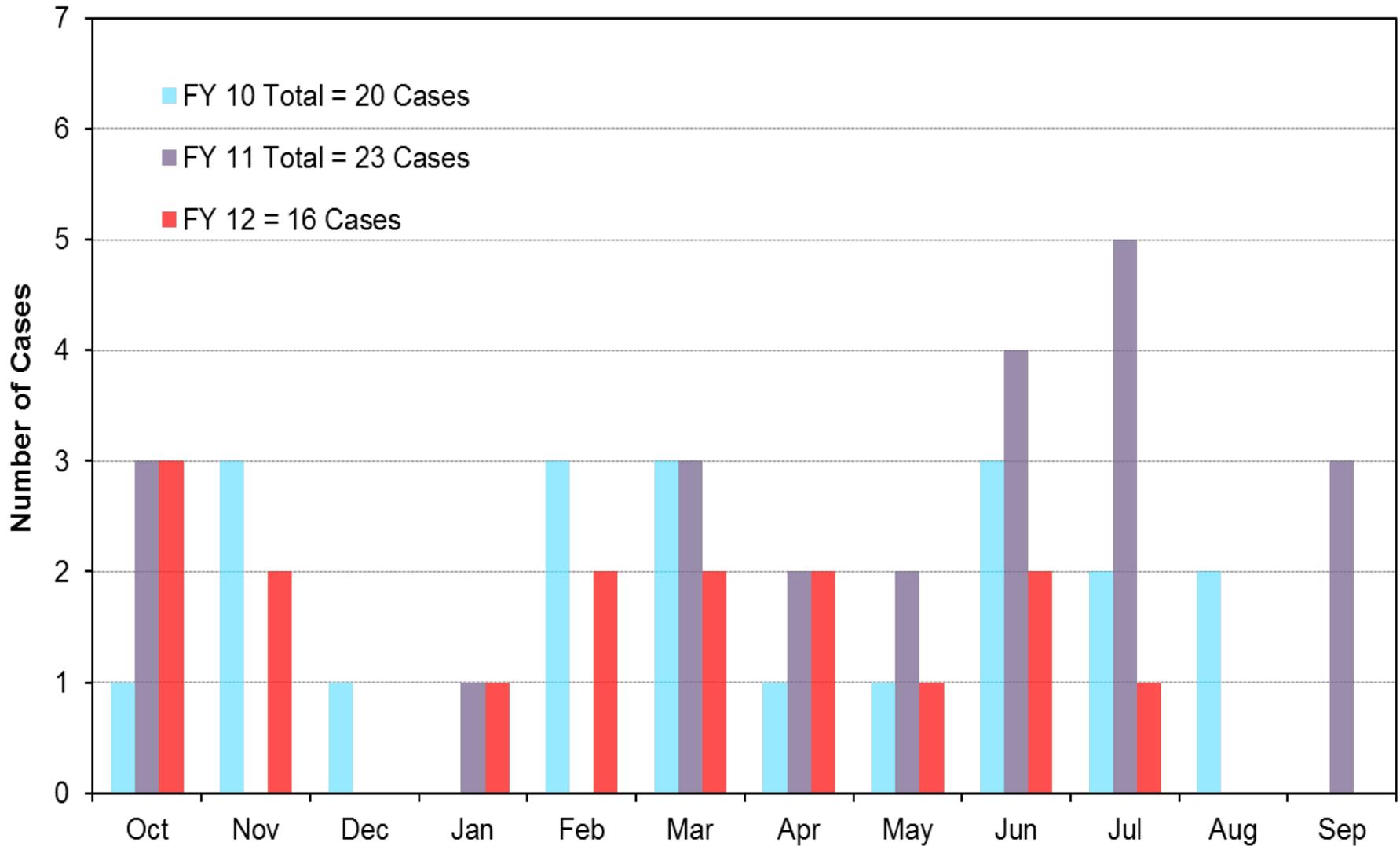


LBNL DART Cases by Division FY10 through July 31, 2012 (FY12)

## LBNL Recordable Cases FY10 through July 31, 2012 (FY12)

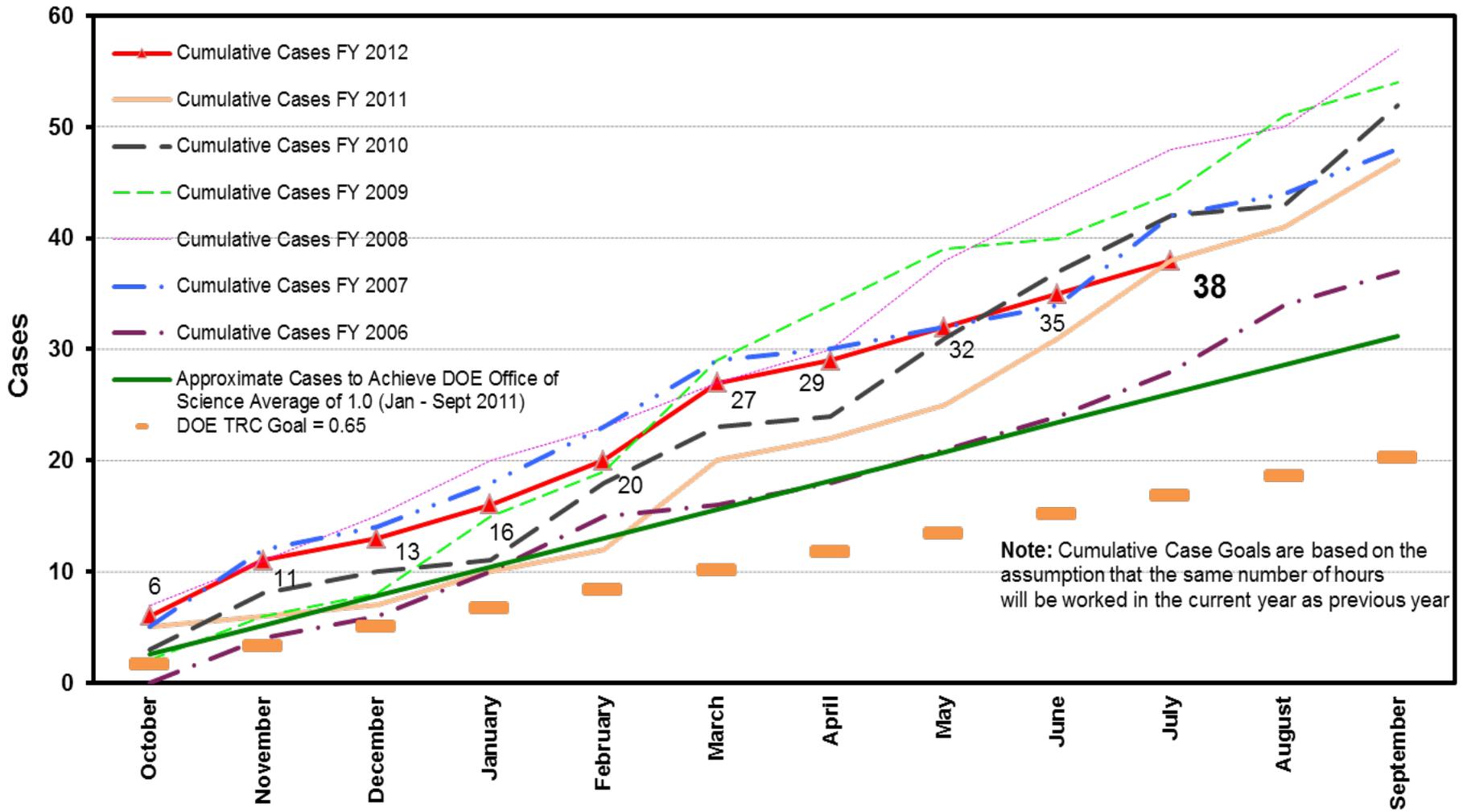


# LBNL DART Cases FY10 through July 31, 2012 (FY12)



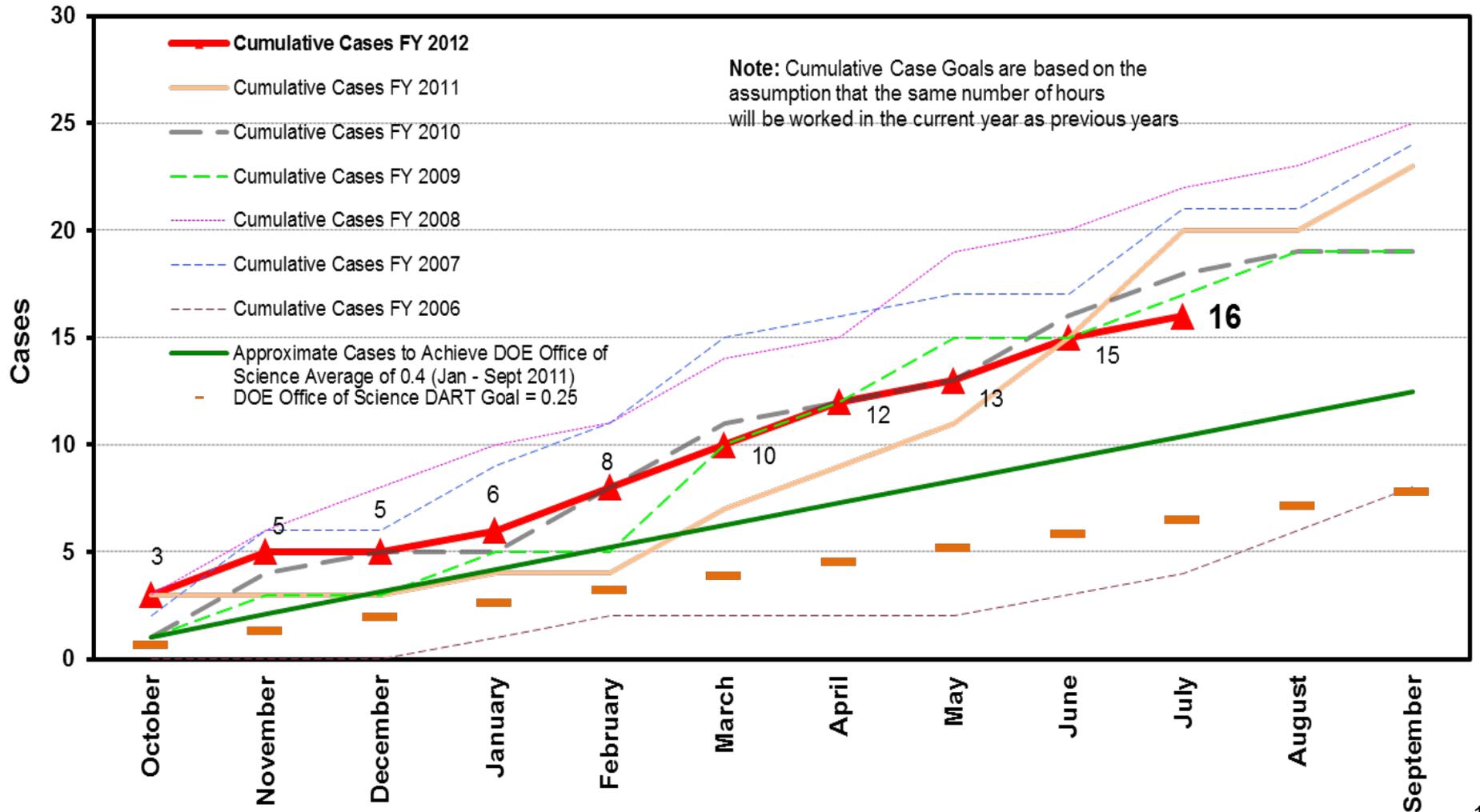
# Performance vs. DOE Goals - TRC

Berkeley Lab and Contractors  
Cumulative Total Recordable Cases  
By Fiscal Year



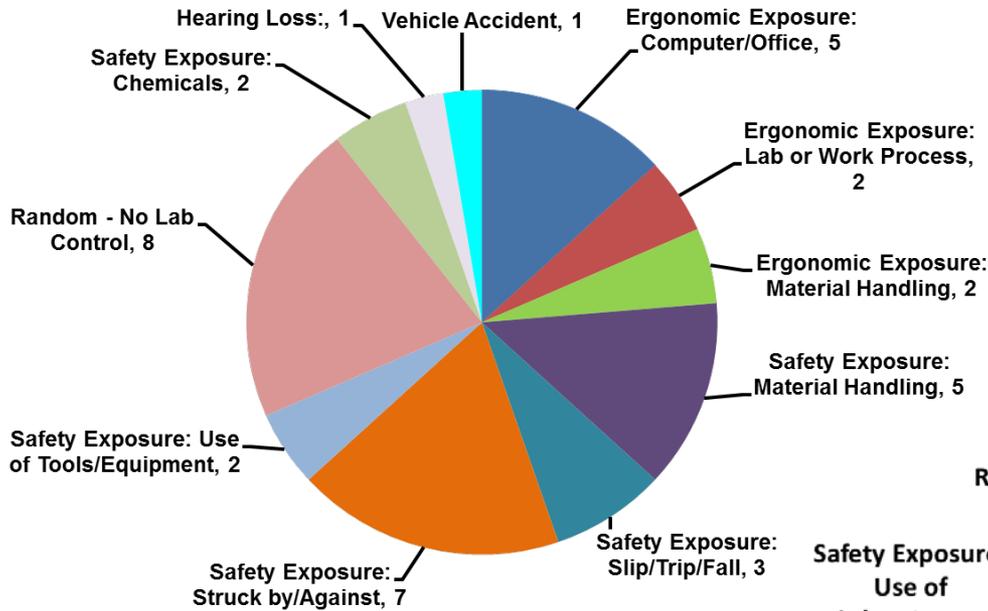
# Performance vs. DOE Goals - DART

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

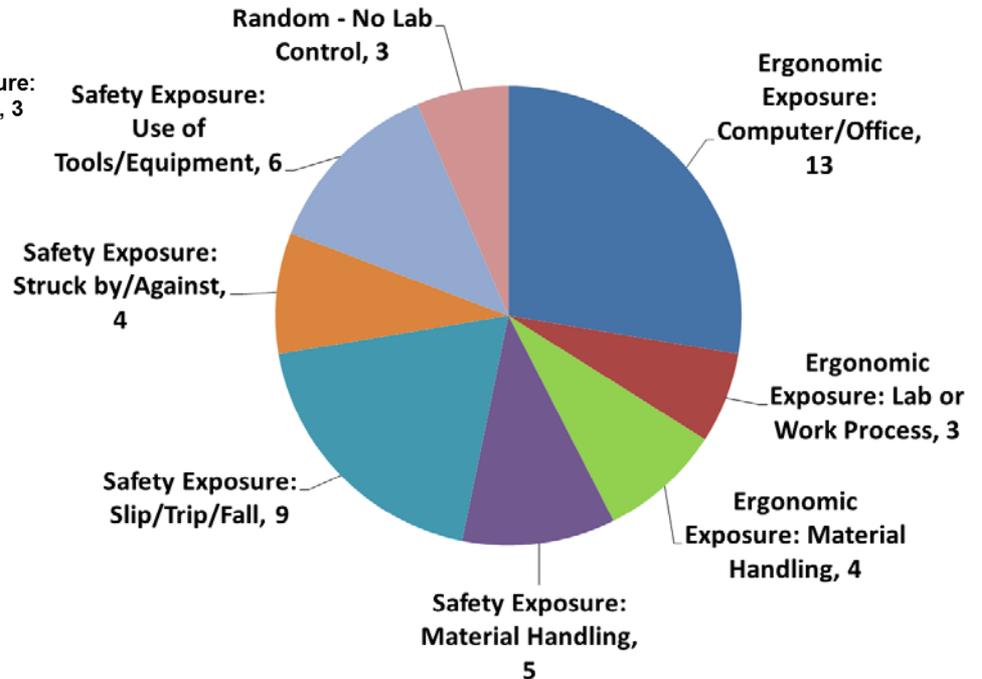


# Recordable Injury Categories and Causes

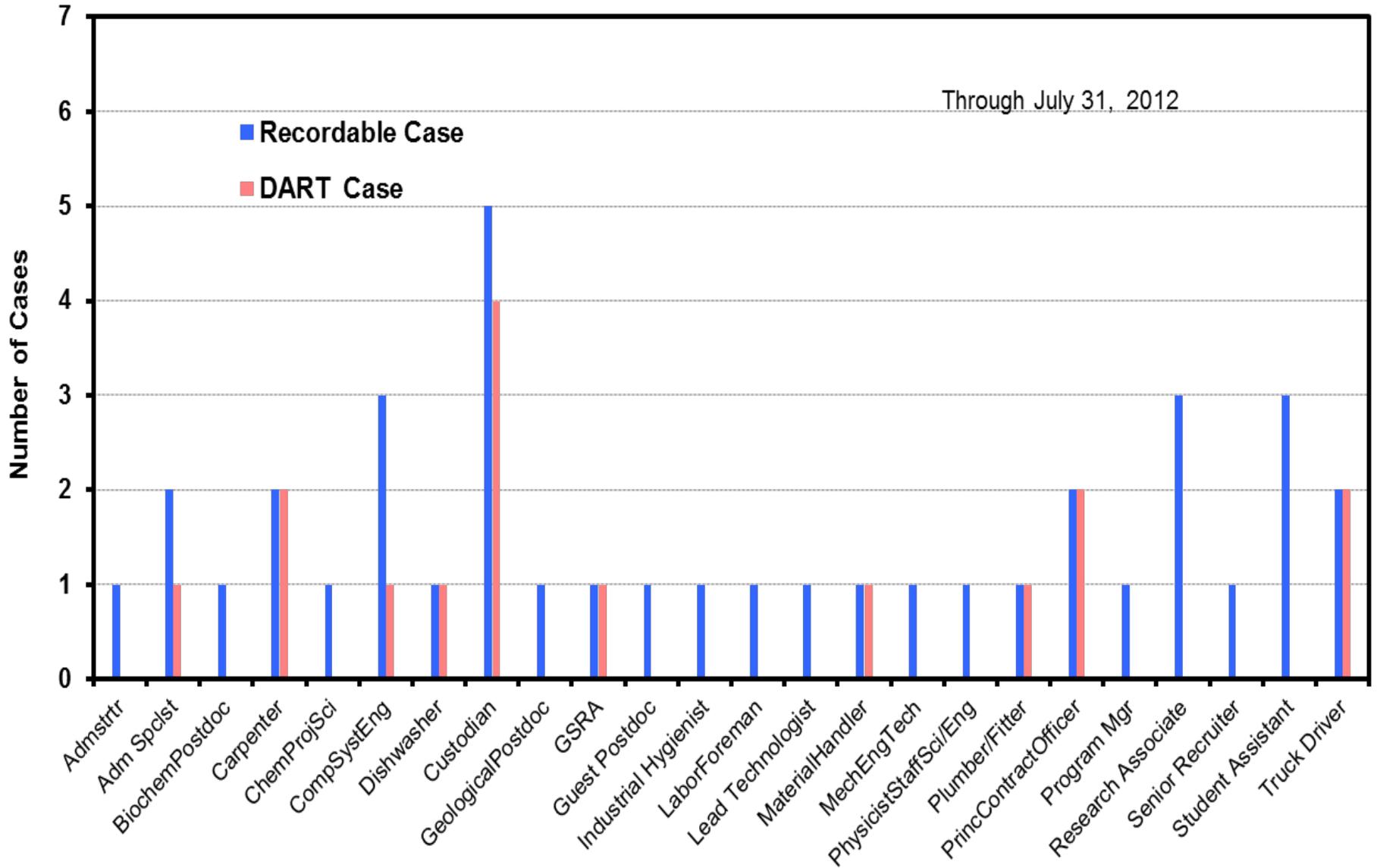
FY 2012 through 7/31/12



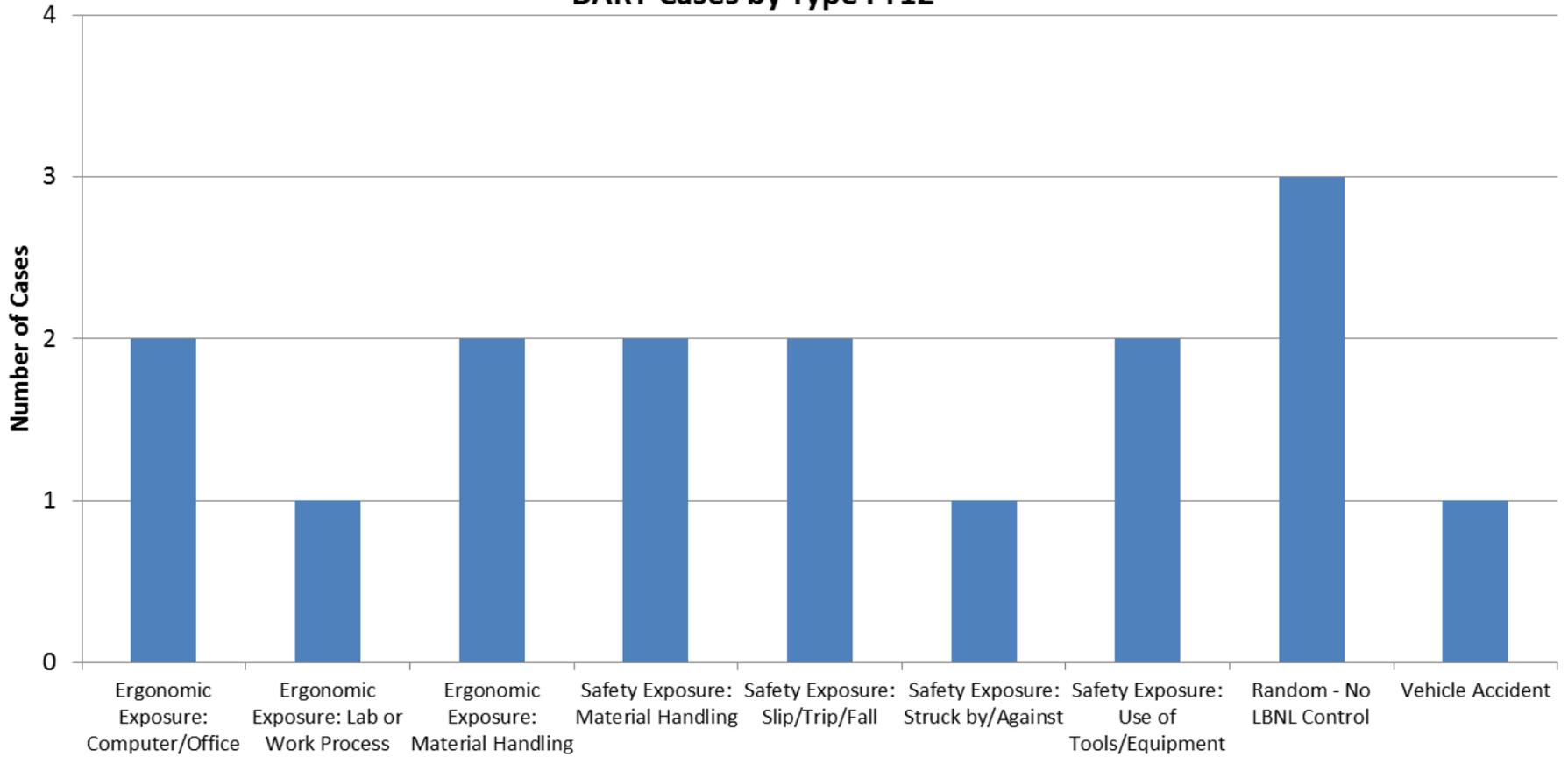
FY 2011



# Recordable and DART Cases by Job Classification

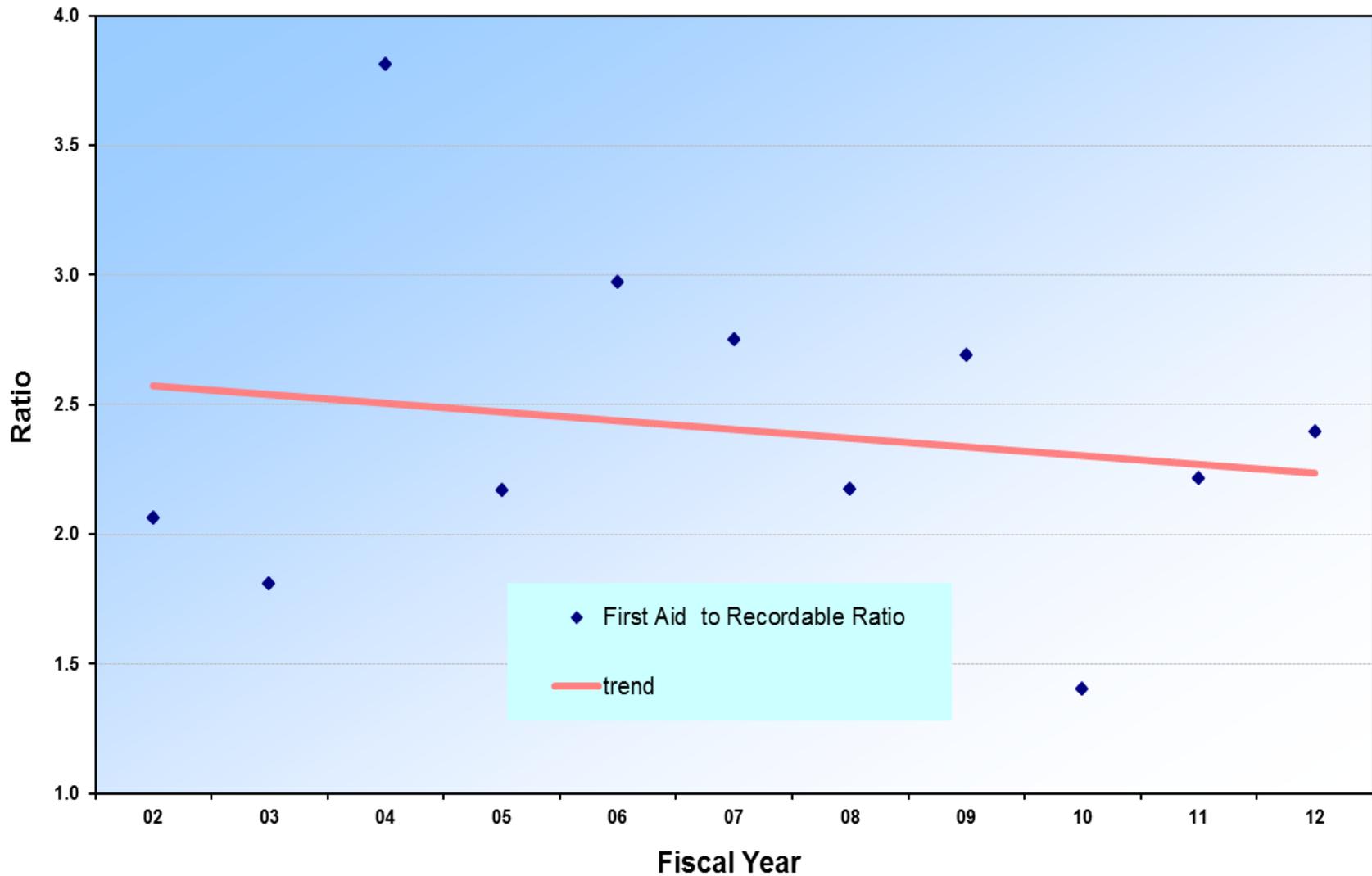


### DART Cases by Type FY12

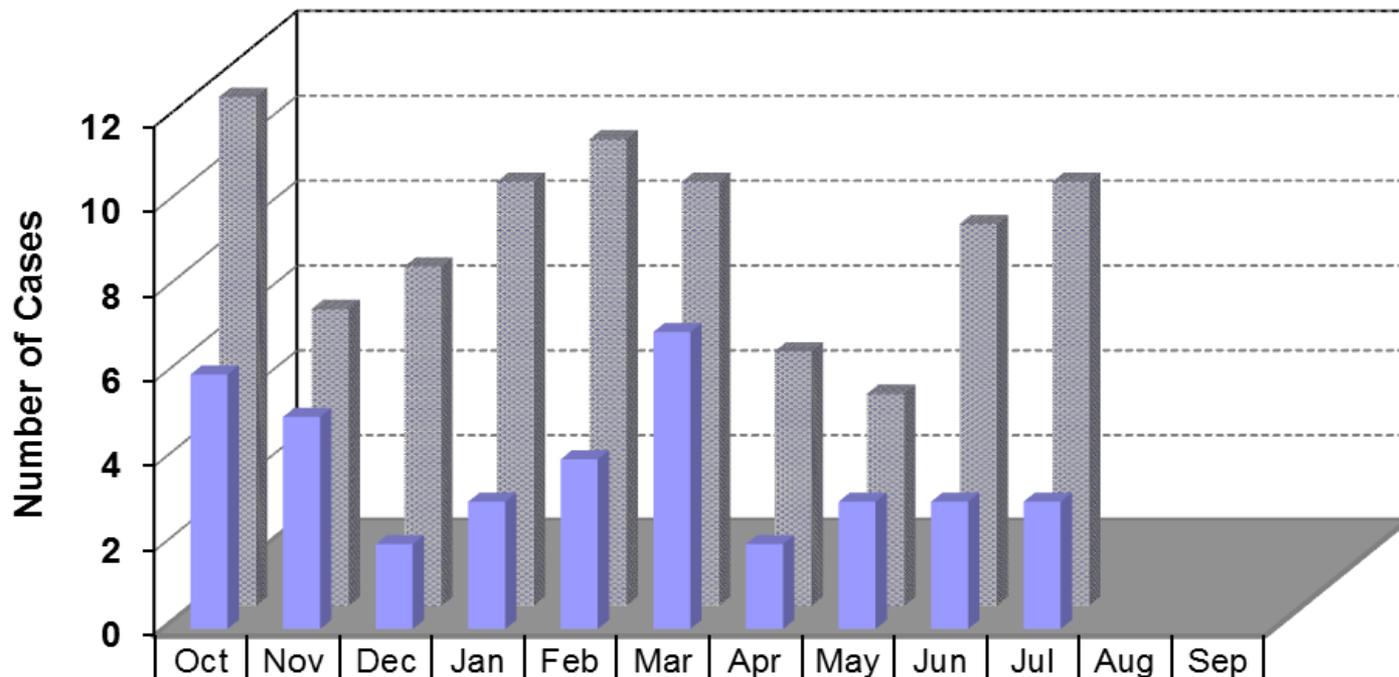


Through July 31, 2012

# First Aid to Recordable Case Ratio through July 31, 2012

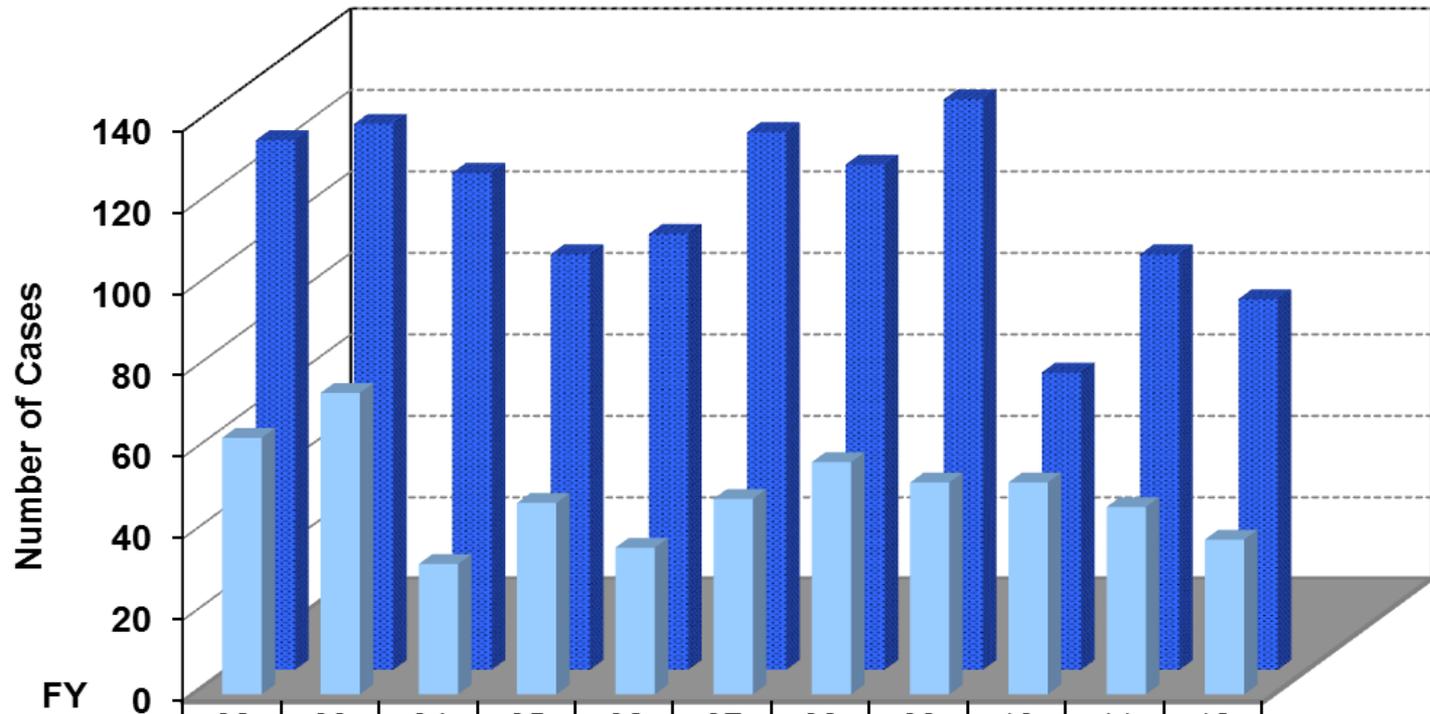


## FY2012 First Aid to Recordable Comparison by Month through July 31, 2012



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	6	5	2	3	4	7	2	3	3	3		
■ FA	15	7	8	10	11	10	6	5	9	10		
FA to REC Ratio	2.5	1.4	4.0	3.3	2.8	1.4	3.0	1.7	3.0	3.3		
% of Total as FA	71	58	80	77	73	59	75	63	75	77		
% of Total as REC	29	42	20	23	27	41	25	38	25	23		

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



	02	03	04	05	06	07	08	09	10	11	12
REC	63	74	32	47	36	48	57	52	52	46	38
FA	130	134	122	102	107	132	124	140	73	102	91
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.2	2.39
% of Total as FA	67	64	79	68	75	73	69	73	58	69	71
% of Total as REC	33	36	21	32	25	27	31	27	42	31	29

# 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	1	0	0	0	3
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	1	0	0	0	2
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	1	0	0	0	0	3
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	1	0	0	0	0	1
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Energy &amp; Environmental Sciences</b>	0	0	0	1	1	2	0	0	1	0	0	0	5
Chemical Sciences	0	0	0	1	0	0	0	0	0	0	0	0	1
Earth Sciences	0	0	0	0	0	1	0	0	0	0	0	0	1
Environmental Energy Tech.	0	0	0	0	1	1	0	0	0	0	0	0	2
Materials Sciences	0	0	0	0	0	0	0	0	1	0	0	0	1
<b>Biosciences</b>	1	0	1	1	0	1	0	1	0	0	0	0	5
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	1	0	0	1	0	1	0	0	0	0	3
<b>Advanced Light Source</b>	0	0	0	0	0	1	0	0	0	0	0	0	1
<b>LBNL Research Sub-Total</b>	2	2	1	3	1	4	0	2	2	0	0	0	17
<b>LBNL Operations</b>													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	1	0	0	1
Facilities	2	2	1	0	2	2	1	1	1	0	0	0	12
Human Resources	1	1	0	0	0	0	0	0	0	1	0	0	3
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	1	1	0	0	0	0	0	2
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations Sub-Total</b>	4	3	1	0	2	3	2	1	1	2	0	0	19
<b>LBNL Total</b>	6	5	2	3	3	7	2	3	3	2	0	0	36
<b>LBNL Construction</b>	0	0	0	0	1	0	0	0	0	0	0	0	1
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	1	0	0	1
<b>Site Grand Total</b>	6	5	2	3	4	7	2	3	3	3	0	0	38
<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+				

# 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	1	0	0	0	1
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	1	0	0	0	1
<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>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>LBNL Operations</b>													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	2	0	0	2	1	1	1	1	0	0	0	10
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	1	1	0	0	0	0	0	2
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations Sub-Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>
<b>LBNL Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15</b>
<b>LBNL Construction</b>	<b>0</b>												
<b>LBNL Service Subcontractors</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>								
<b>Site Grand Total</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>16</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 o 7/31/12

Notes: Projections assume that hours worked will remain constant