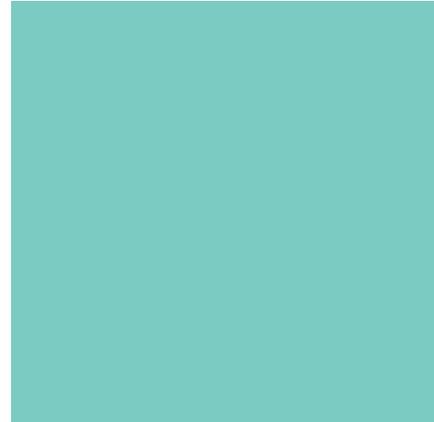




# Berkeley Lab Accident Statistics Through September 30, 2014



**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 – September 2014

## **Bicycle-vehicle collision**

- **Lacerated finger and contusion of shoulder and thigh**
  - A Senior Research Associate sustained a laceration on the finger after colliding with an automobile that stopped abruptly in front of the employee while riding down Bancroft Avenue.

## **Material Handling**

- **Contusion on knees**
  - An Executive Assistant discomfort extending from wrist to elbow several hours after changing the 3 gallon water bottle on the water dispenser.

# Injury/Illness Cases – September 2014

## Laceration

- **Tip of middle finger**

- A Physicist Postdoctoral Fellow received a minor cut while reaching under chair to perform adjustments. One of the plastic control knobs had broken off leaving a sharp metal projection.

- **Wrist**

- While guiding sheet metal into equipment with a fork lift a Machinist's right wrist glanced against the edge of the sheet metal causing a small laceration.

- **Scalp puncture**

- An Air Conditioning Mechanic struck the scalp against the end of an all thread rod hanger while stepping up a ladder.

# Injury/Illness Cases – September 2014

## Slip Trip Fall

- **Contusion on knees**

- An Administrative Assistant wearing a new pair of shoes slipped and fell striking both knees on the wood laminate floor.

- **Ankle strain**

- A Painter reported slipping on a wet floor surface and suffered a strained ankle after entering a hallway door while toting a 5 gallon bucket of paint.

# Injury/Illness Cases – September 2014

## Trauma

- **Shoulder strain**
  - An Administrator suffered a minor shoulder strain while removing a poster from a shelf above shoulder height.
- **Hand and shoulder contusion**
  - A flip lid shelf fell off the cubicle wall and struck the Senior Accountant in the hand and arm causing minor contusion.
- **Thumb contusion**
  - An office door closed on a Safety Engineer/Specialist 's thumb after the individual entered a small two person office.

# Injury/Illness Cases – September 2014

## Chemical Related

- **Possible inhalation**

- A UC Berkeley Graduate Student Research Associate experienced an odd taste in the mouth and some respiratory effects after opening the lid on a container of aqua-regia in a fume hood in a campus laboratory.

- **Possible inhalation**

- While handling a 500g size plastic container of potassium fluoride, the bottom half of the container suddenly broke away and landed on the bench top. The event caused a small dust cloud and the General Guest User reported to the clinic for evaluation. The plastic container had been in this lab for approximately 8 years.

# Injury/Illness Cases – September 2014

## Chemical (continued)

- **Light headedness**
  - A Chemist Postdoctoral Fellow reported to the clinic after experiencing light headedness while working in the laboratory.

## Electricity

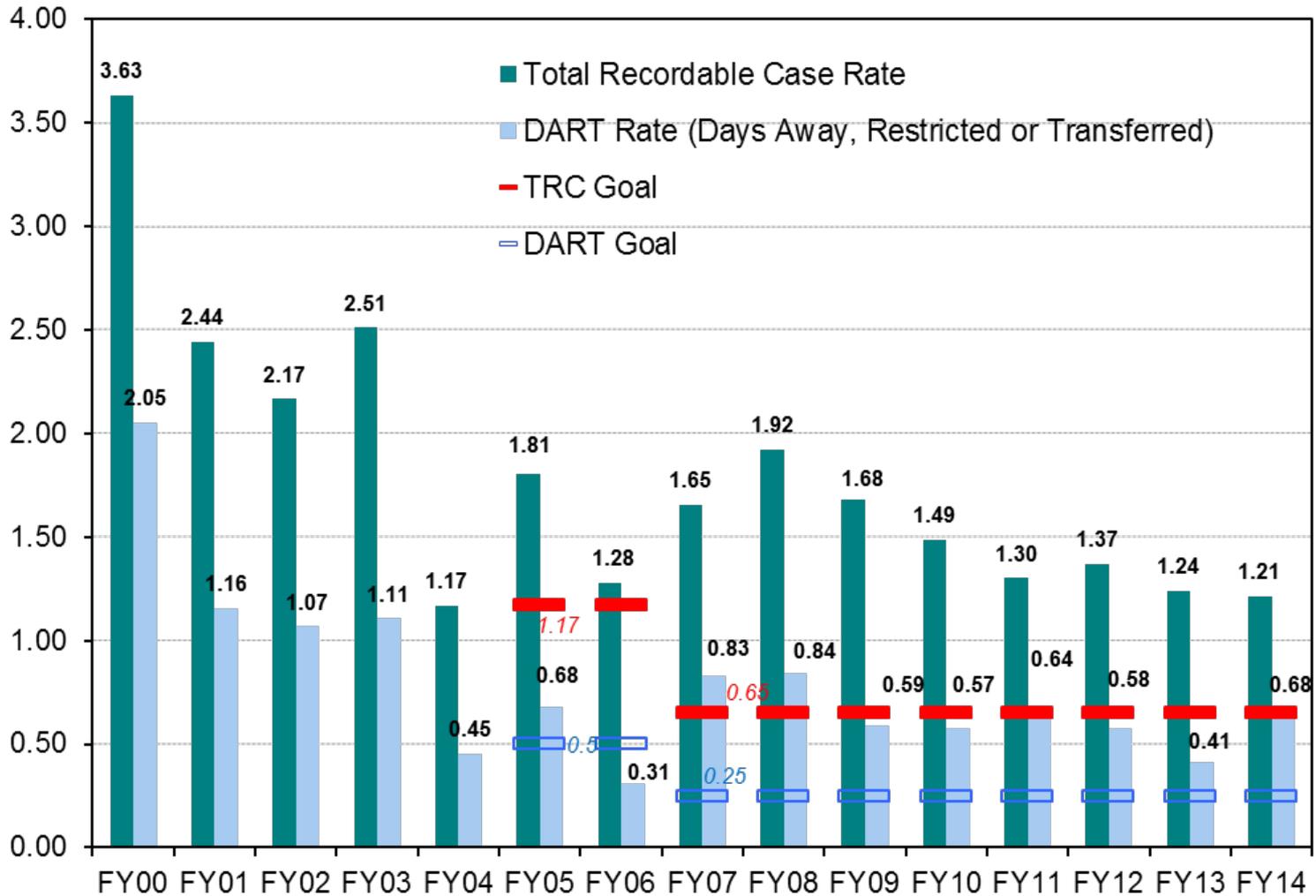
- **Electric shock**
  - While assisting an electronics technician a Technical Support Supervisor received a 110 volt shock.

# Berkeley Lab Site-Wide TRC & DART Rates

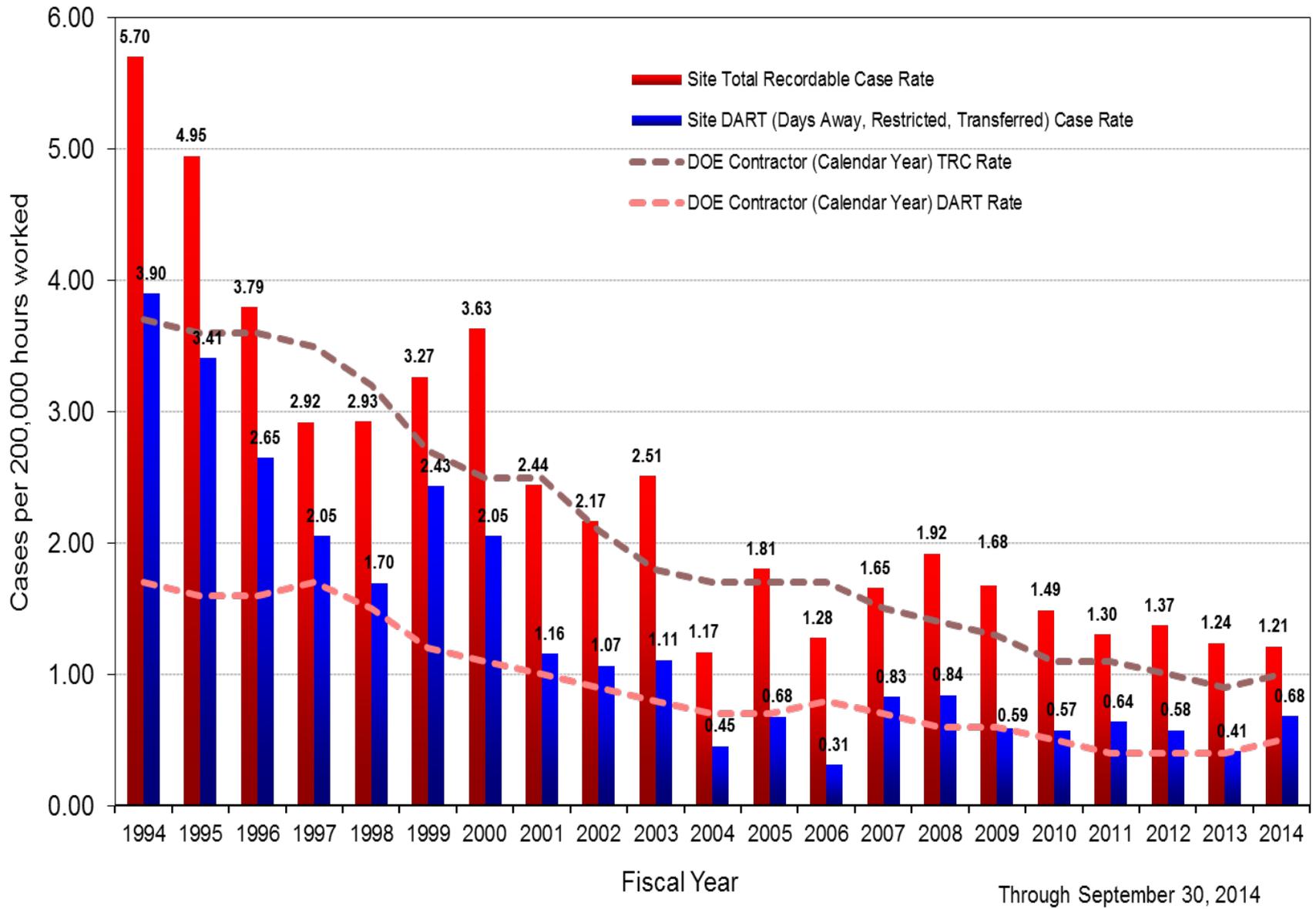
(Includes all Construction and Service Contractors)

## Through September 30, 2014

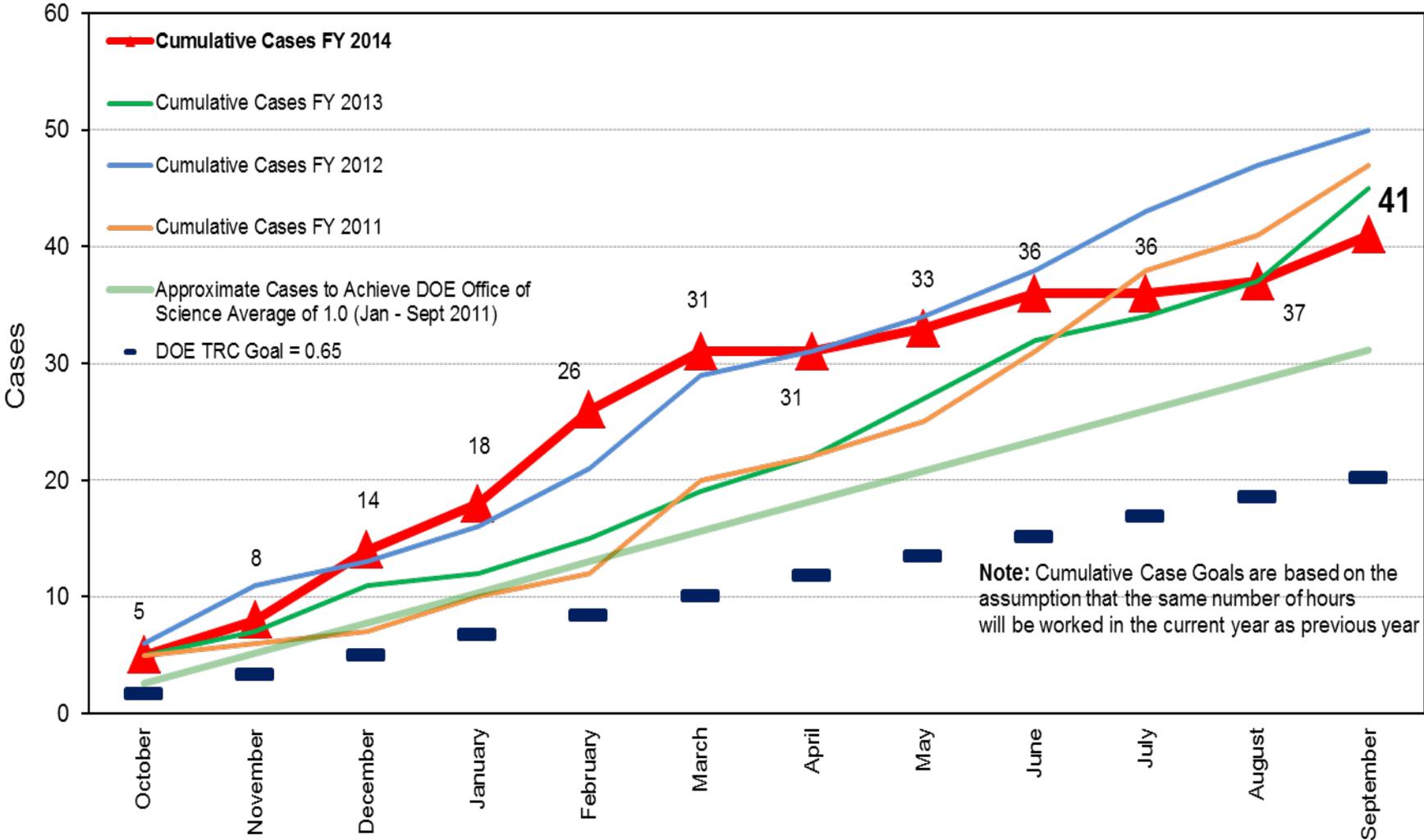
TRC & DART cases per 100 employees per year



# Berkeley Lab Site Accident Rates

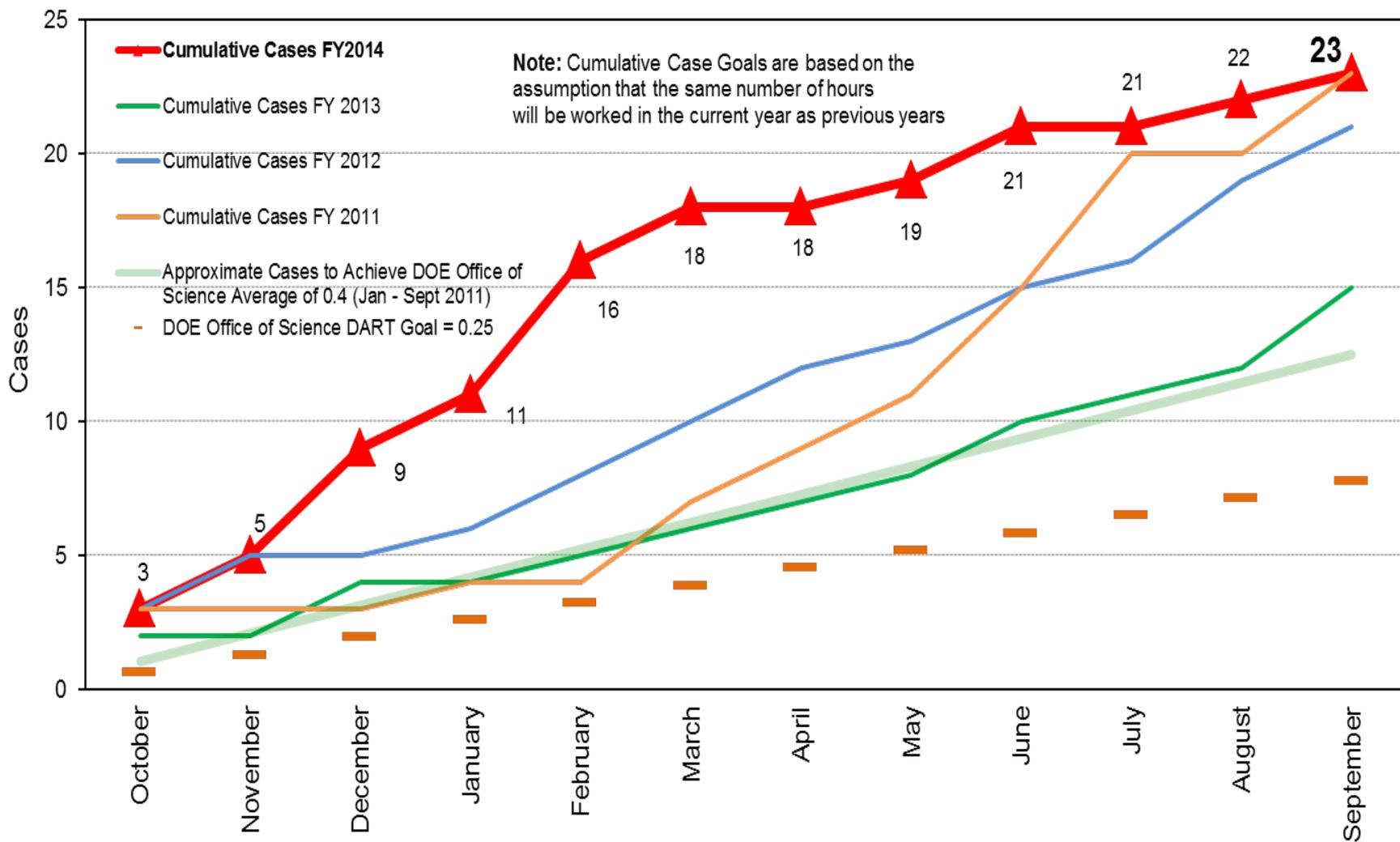


# Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year

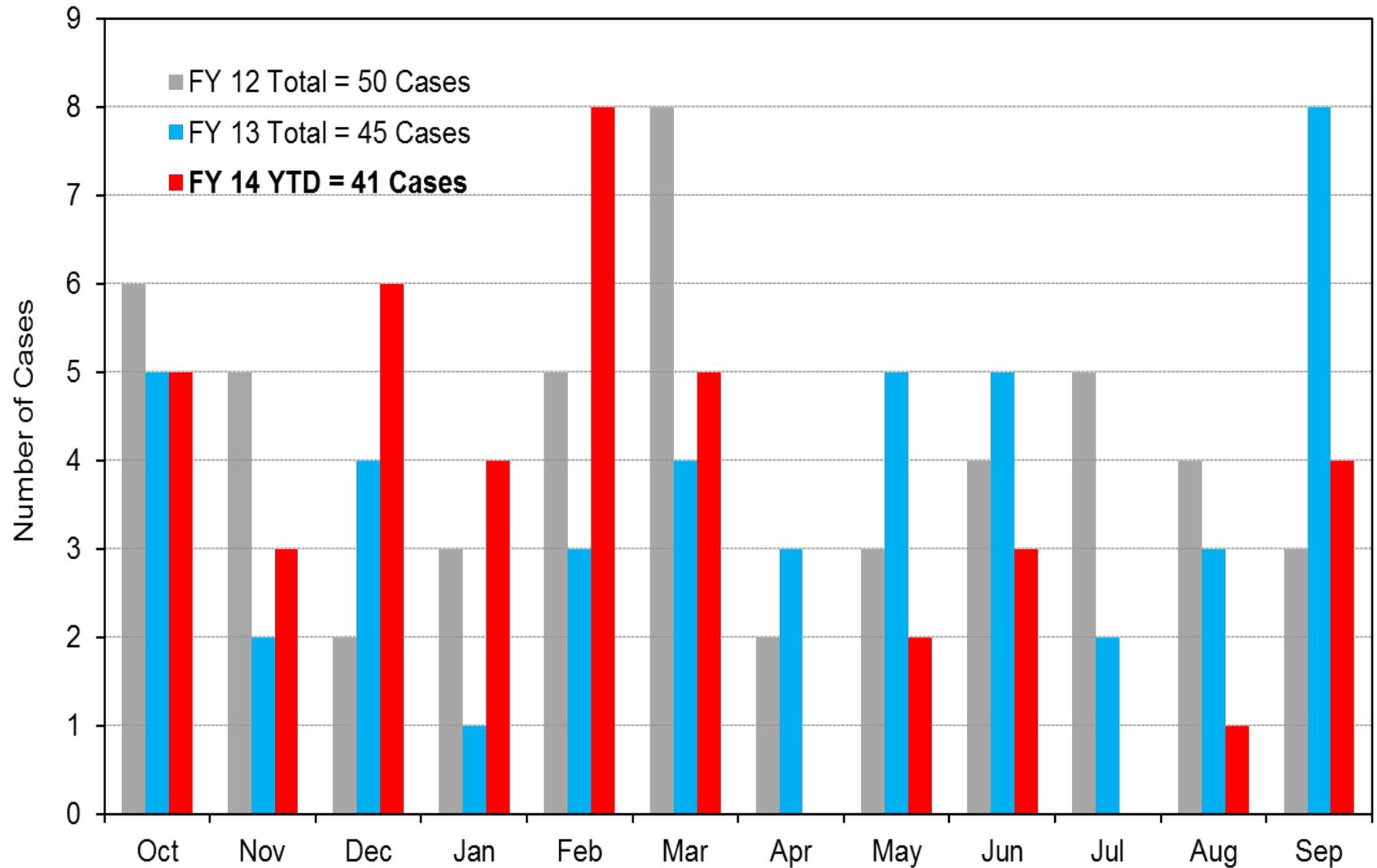


**Note:** Cumulative Case Goals are based on the assumption that the same number of hours will be worked in the current year as previous year

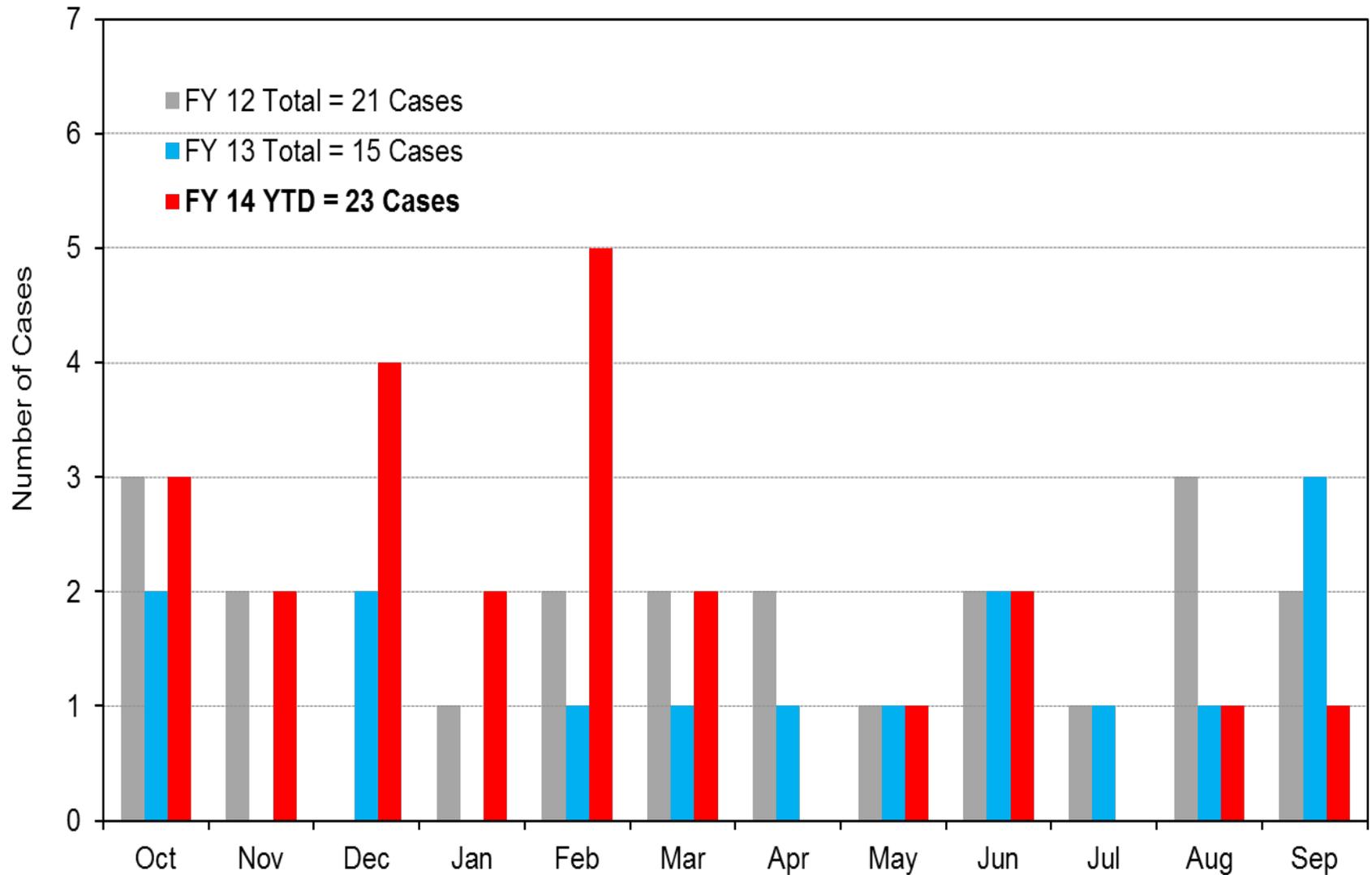
## Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

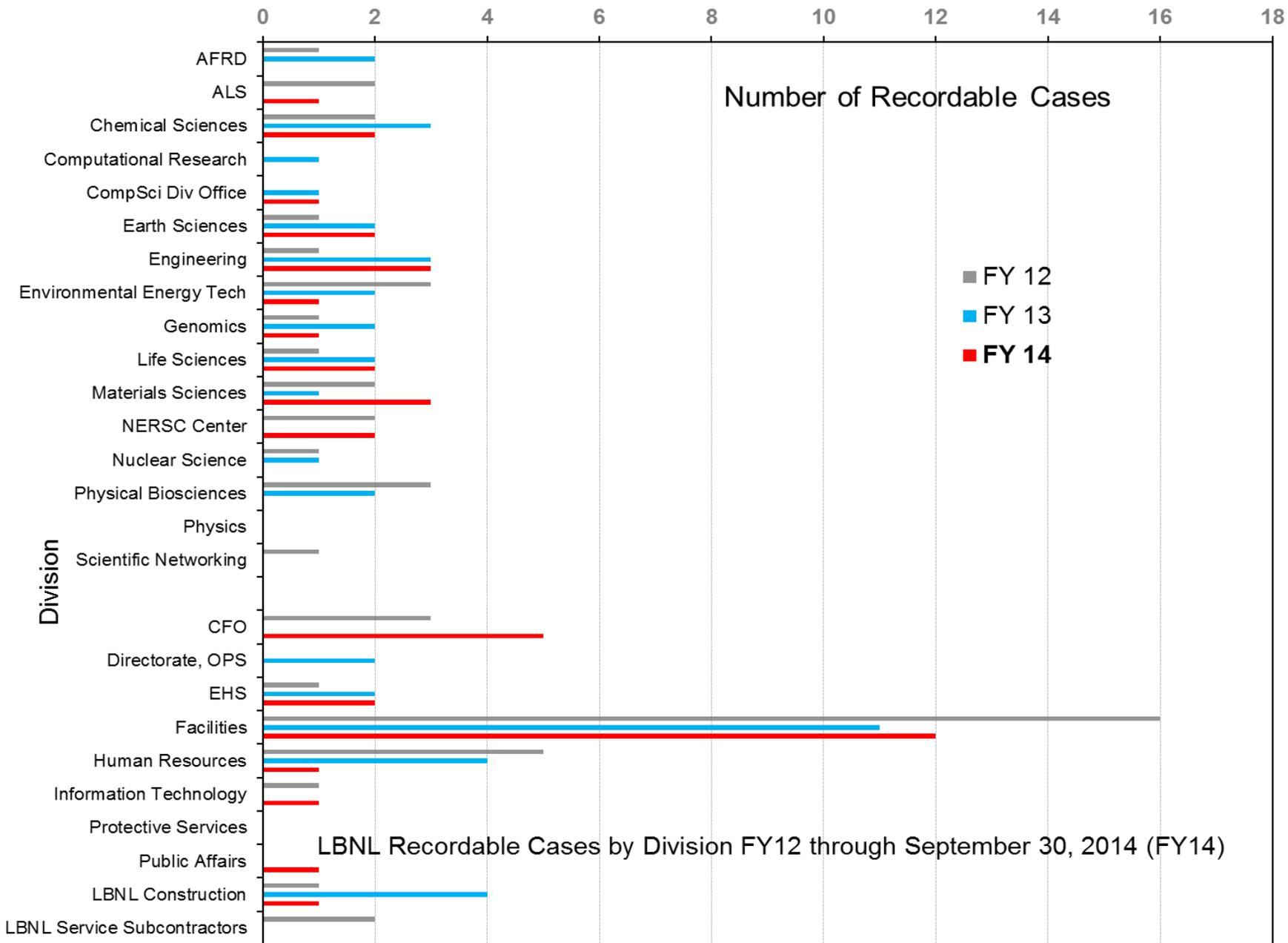


# LBNL Recordable Cases FY12 through September 30, 2014 (FY14)

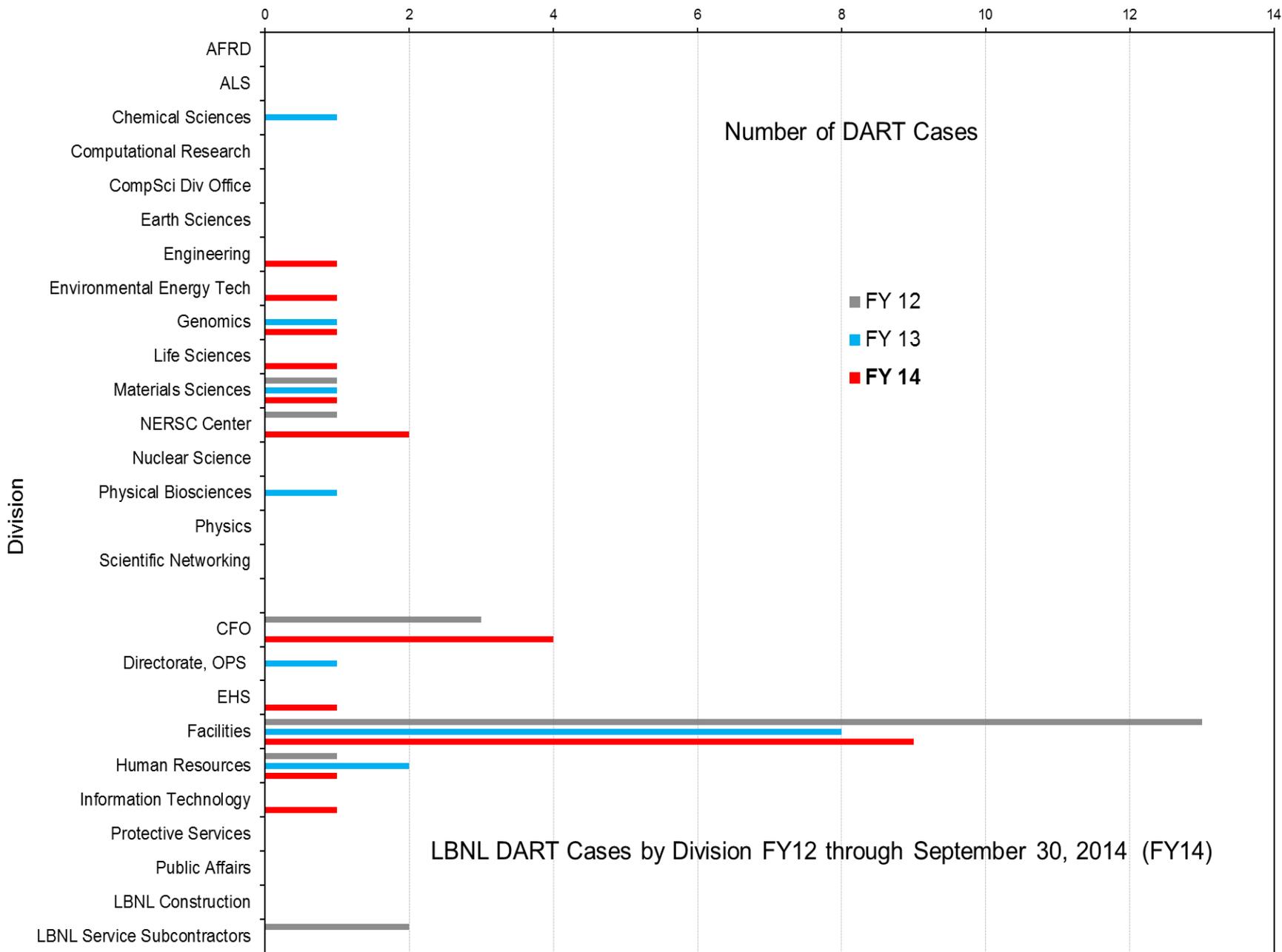


# LBNL DART Cases FY12 through September 30, 2014 (FY14)



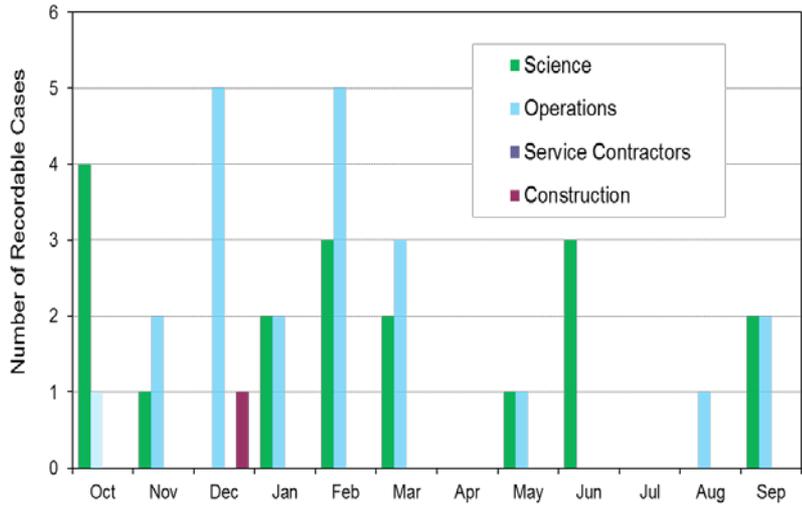


LBNL Recordable Cases by Division FY12 through September 30, 2014 (FY14)

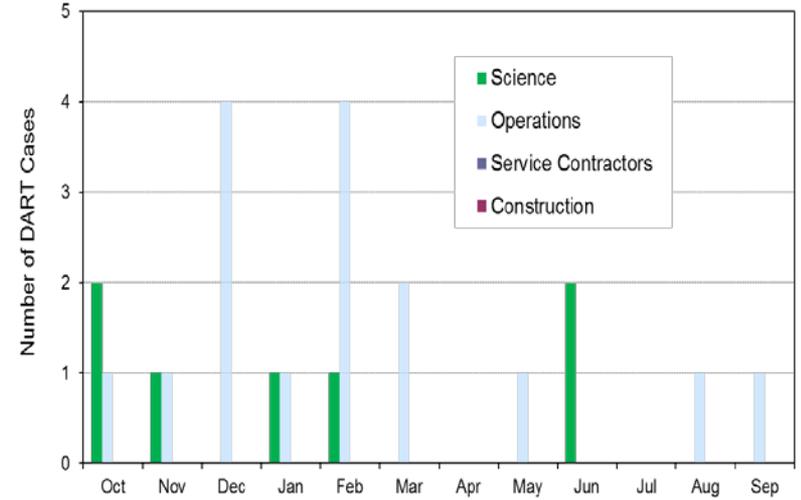


LBNL DART Cases by Division FY12 through September 30, 2014 (FY14)

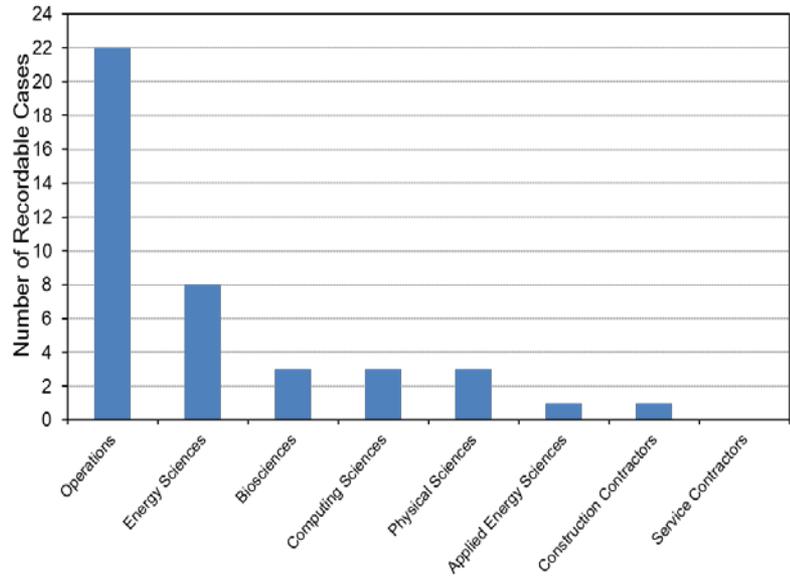
Recordable Cases by LBNL Major Organization  
FY 2014 To Date September 30, 2014



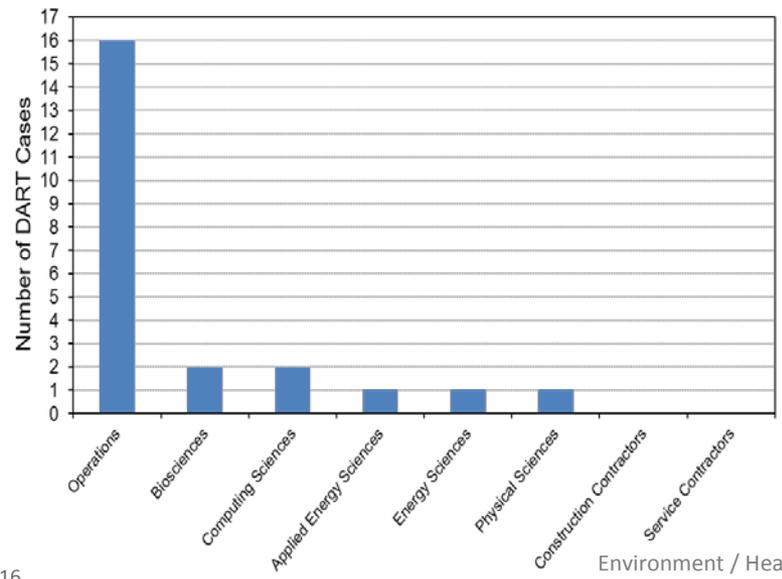
DART Cases by LBNL Major Organization  
FY 2014 To Date September 30, 2014



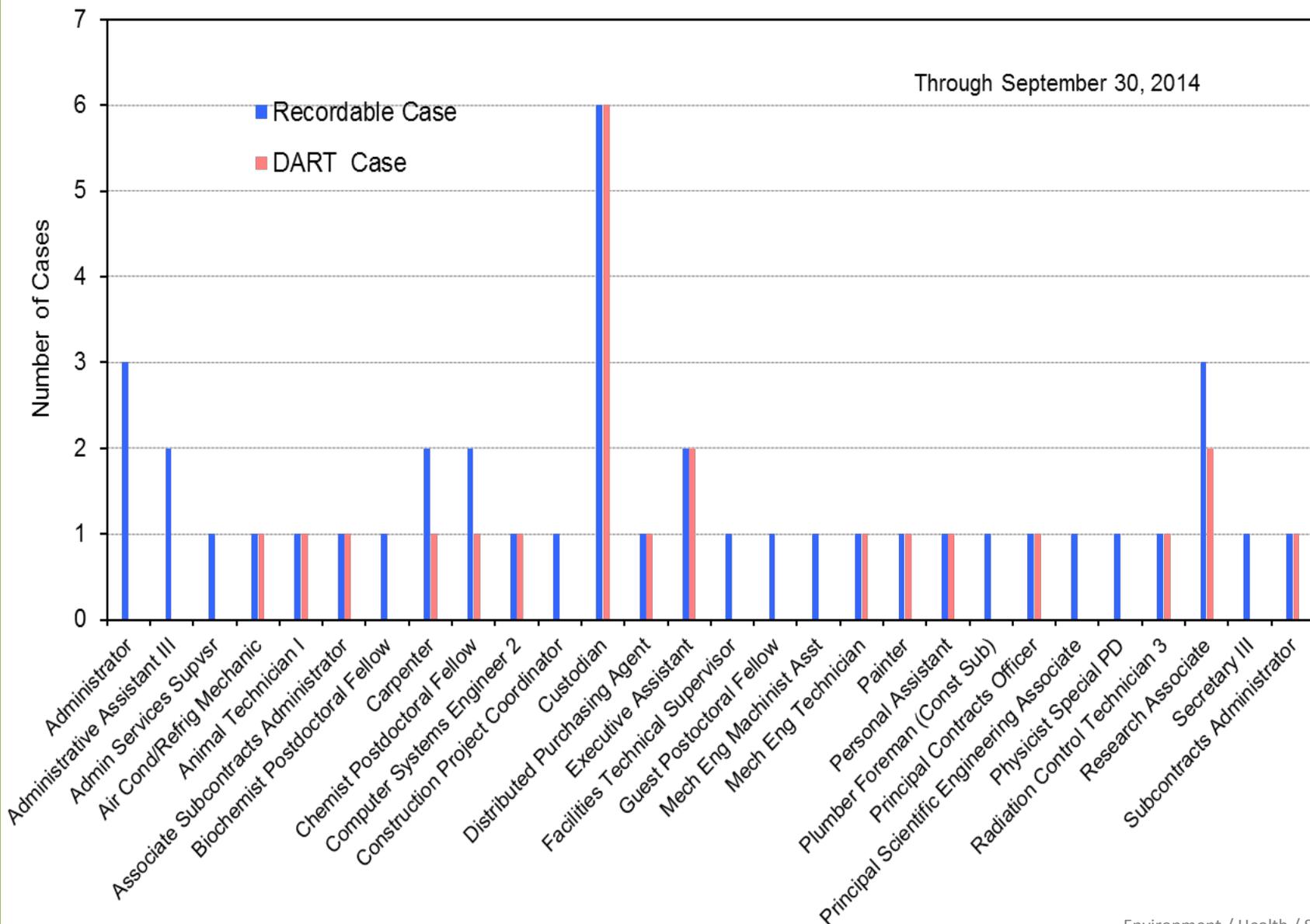
Recordable Cases by Associate Laboratory Directorate  
FY 2014 To Date September 30, 2014



DART Cases by Associate Laboratory Directorate  
FY 2014 To Date September 30, 2014

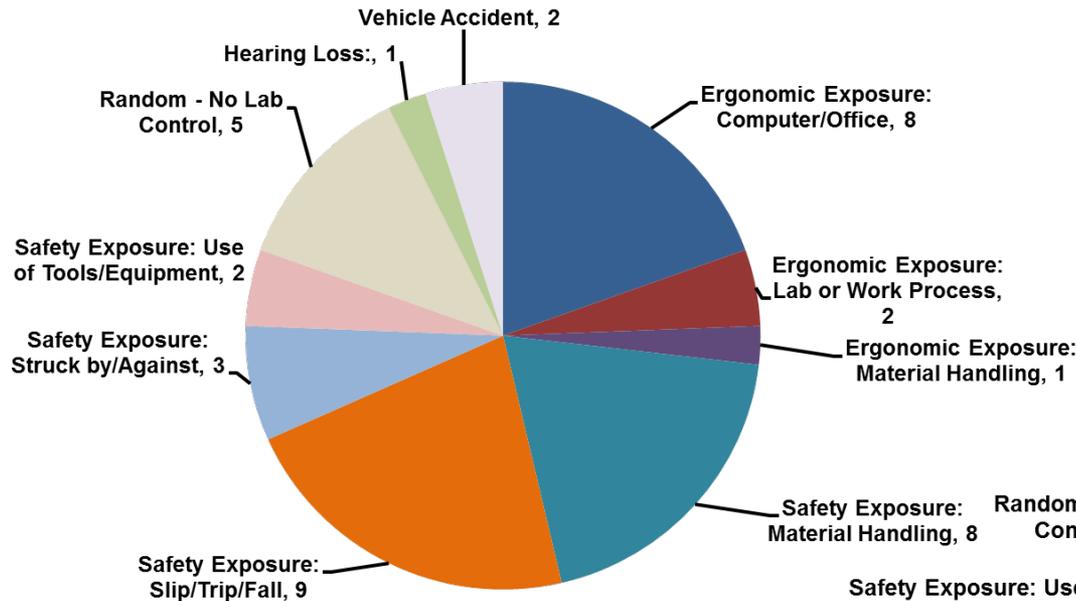


## Recordable and DART Cases by Job Classification

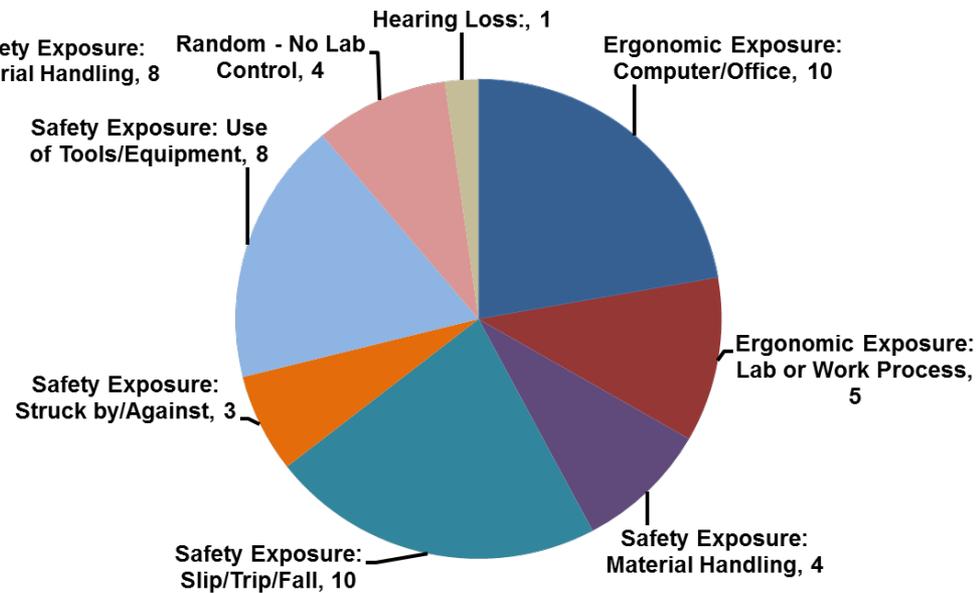


# Recordable Injury Categories and Causes

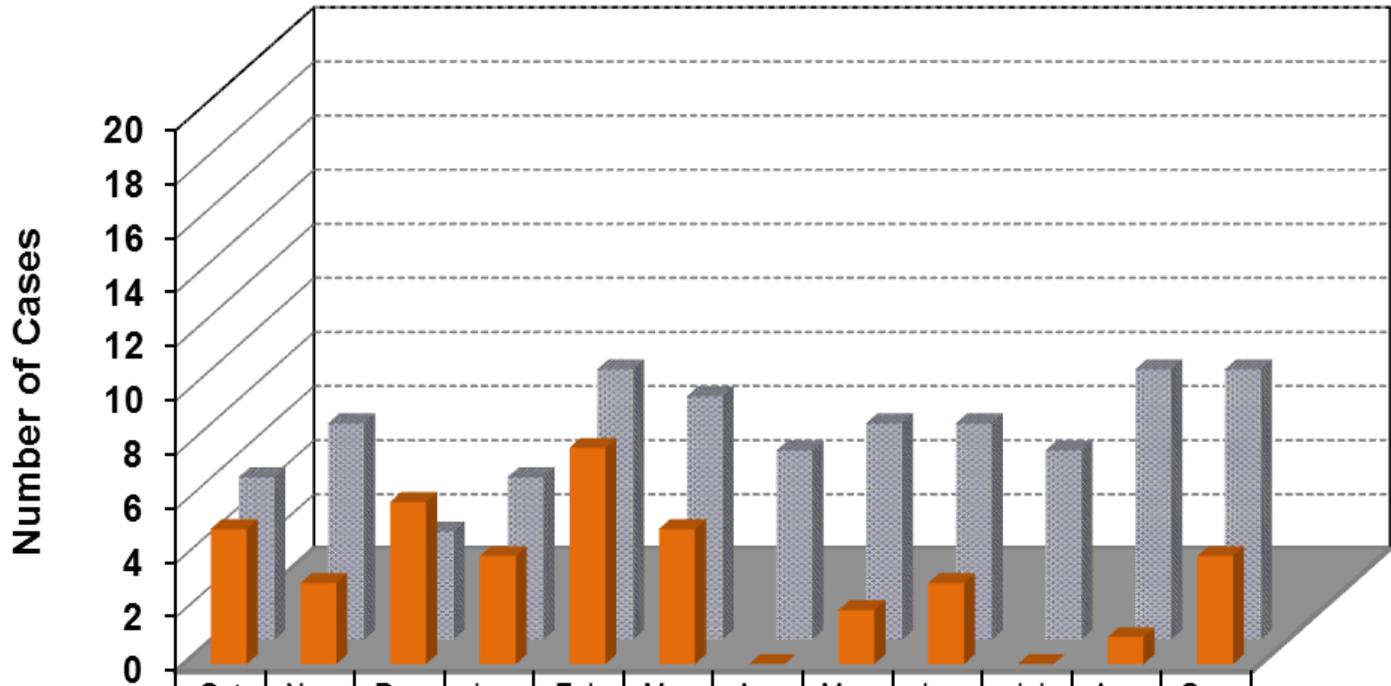
FY 2014 through September 30, 2014



FY 2013

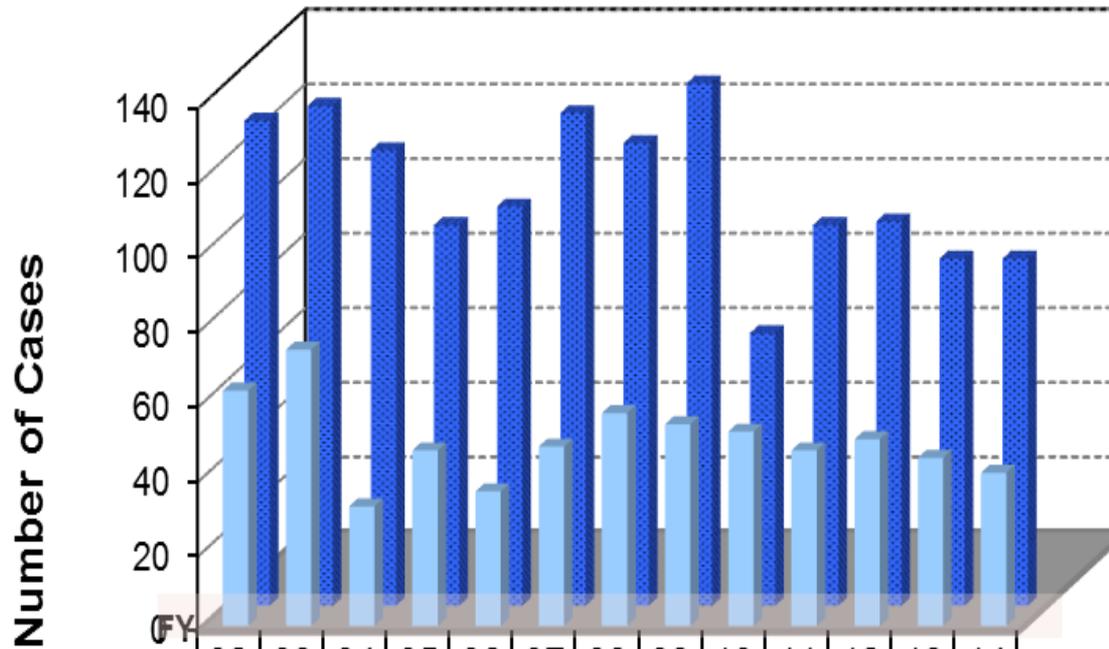


## FY2014 First Aid to Recordable Comparison by Month through September 30, 2014



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	5	3	6	4	8	5	0	2	3	0	1	4
■ FA	6	8	4	6	10	9	7	8	8	7	10	10
FA to REC Ratio	1.2	2.7	0.7	1.5	1.3	1.8		4.0	2.7	0.0	10.0	2.5
% of Total as FA	55	73	40	60	56	64	100	80	73	100	91	71
% of Total as REC	45	27	60	40	44	36	0	20	27	0	9	29

## FY02 to FY2014 First Aid to Recordable Comparison by Year through September 30, 2014



REC	63	74	32	47	36	48	57	54	52	47	50	45	41
FA	130	134	122	102	107	132	124	140	73	102	103	93	93
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.6	1.4	2.2	2.06	2.07	2.27
% of Total as FA	67	64	79	68	75	73	69	72	58	68	67	67	69
% of Total as REC	33	36	21	32	25	27	31	28	42	32	33	33	31

# LBNL Total Recordable Cases October 1, 2013 - September 30, 2014 (FY14)

	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total YTD
<b>LBNL Research</b>													
<b>Applied Energy Sciences</b>	0	0	0	0	0	0	0	0	1	0	0	0	1
Environmental Energy Tech.	0	0	0	0	0	0	0	0	1	0	0	0	1
<b>Biosciences</b>	1	1	0	0	0	1	0	0	0	0	0	0	3
Genomics	0	1	0	0	0	0	0	0	0	0	0	0	1
Life Sciences	1	0	0	0	0	1	0	0	0	0	0	0	2
Physical Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Computing Sciences</b>	0	0	0	1	1	0	0	0	1	0	0	0	3
Division Office	0	0	0	0	0	0	0	0	1	0	0	0	1
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	1	1	0	0	0	0	0	0	0	2
Scientific Networking	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Energy Sciences</b>	2	0	0	1	1	1	0	1	1	0	0	1	8
Advanced Light Source	1	0	0	0	0	0	0	0	0	0	0	0	1
Chemical Sciences	0	0	0	0	1	0	0	1	0	0	0	0	2
Earth Sciences	0	0	0	0	0	1	0	0	0	0	0	1	2
Materials Sciences	1	0	0	1	0	0	0	0	1	0	0	0	3
<b>Physical Sciences</b>	1	0	0	0	1	0	0	0	0	0	0	1	3
AFRD	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	1	0	0	0	1	0	0	0	0	0	0	1	3
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>LBNL Research Sub-Total</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>18</b>
<b>LBNL Operations</b>													
CFO	1	0	3	0	0	0	0	1	0	0	0	0	5
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
EHS	0	0	0	1	0	1	0	0	0	0	0	0	2
Facilities	0	1	2	1	4	2	0	0	0	0	1	1	12
Human Resources	0	0	0	0	1	0	0	0	0	0	0	0	1
Information Technology	0	1	0	0	0	0	0	0	0	0	0	0	1
Protective Services	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	1	1
<b>LBNL Operations Sub-Total</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>22</b>
<b>LBNL Total</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>40</b>
<b>LBNL Construction</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>								
<b>LBNL Service Subcontractors</b>	<b>0</b>												
<b>Site Grand Total</b>	<b>5</b>	<b>3</b>	<b>6</b>	<b>4</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>41</b>
<i>Prior Year (FY13) Site Grand Total</i>	5	2	4	1	3	4	3	5	5	2	3	8	45
<i>Prior Year (FY12) Site Grand Total</i>	6	5	2	3	5	8	2	3	4	5	4	3	50
<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 09/30/14

Notes: Projections assume that hours worked will remain constant

# LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2013 - September 30, 2014 (FY14)

	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Total YTD
<b>LBNL Research</b>													
<b>Applied Energy Sciences</b>	0	0	0	0	0	0	0	0	1	0	0	0	1
Environmental Energy Tech.	0	0	0	0	0	0	0	0	1	0	0	0	1
<b>Biosciences</b>	1	1	0	0	0	0	0	0	0	0	0	0	2
Genomics	0	1	0	0	0	0	0	0	0	0	0	0	1
Life Sciences	1	0	0	0	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>Computing Sciences</b>	0	0	0	1	1	0	0	0	0	0	0	0	2
Division Office	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
NERSC Center	0	0	0	1	1	0	0	0	0	0	0	0	2
Scientific Networking	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Energy Sciences</b>	0	0	0	0	0	0	0	0	1	0	0	0	1
Advanced Light Source	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
Materials Sciences	0	0	0	0	0	0	0	0	1	0	0	0	1
<b>Physical Sciences</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
AFRD	0	0	0	0	0	0	0	0	0	0	0	0	0
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>LBNL Research Sub-Total</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>
<b>LBNL Operations</b>													
CFO	1	0	2	0	0	0	0	1	0	0	0	0	4
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
EHS	0	0	0	1	0	0	0	0	0	0	0	0	1
Facilities	0	0	2	0	3	2	0	0	0	1	1	0	9
Human Resources	0	0	0	0	1	0	0	0	0	0	0	0	1
Information Technology	0	1	0	0	0	0	0	0	0	0	0	0	1
Protective Services	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
<b>LBNL Operations Sub-Total</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>16</b>
<b>LBNL Total</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>23</b>
<b>LBNL Construction</b>	<b>0</b>												
<b>LBNL Service Subcontractors</b>	<b>0</b>												
<b>Site Grand Total</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>23</b>
<i>Prior Year (FY13) Site Grand Total</i>	2	0	2	0	1	1	1	1	2	1	1	3	15
<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	3	4	5	0	3	24
<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 09/30/14

Notes: Projections assume that hours worked will remain constant



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