



# Berkeley Lab Accident Statistics Through

## August 31, 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 – August 2014

## Ergonomic

- **Leg and low back pain**

- A Protective Services employee reported leg and low back pain associated with computer workstation interface and office configuration in general.

- **Thumb discomfort and swelling**

- Ergonomic assistance was provided to a Research Associate that had reported thumb discomfort and swelling. The employee performs both lab bench top work, including pipetting, and computer workstation activity. Symptoms diminished rapidly with the early ergonomic intervention.

# Injury/Illness Cases – August 2014

## Ergonomic

- **Elbow and wrist discomfort**
  - A Custodian reported to the clinic with soreness in the elbow and wrist.

## Material Handling

- **Strain in mid trunk region**
  - An Administrative Assistant reported discomfort in the mid trunk region later in the day after arranging chairs in a conference room for a presentation.

# Injury/Illness Cases – August 2014

## Laceration

- **Head laceration**
  - An Air Conditioning / Refrigeration Mechanic struck head against the sharp edge of an air duct while working in the space above a clean room.
- **Head laceration**
  - A Mechanical Engineering Tech was cleaning an automated milling machine when the “auto tool change” arm activated and struck the scalp.
- **Minor 5<sup>th</sup> fingernail laceration**
  - A Rigger suffered a minor cut to the 5<sup>th</sup> fingernail while changing forklift tines. While sliding the tines into position, the employee’s glove and hand slid with the momentum of the tine and the finger caught on a sharp edge at the forklift mast.

# Injury/Illness Cases – August 2014

## Puncture

- **Glass sliver puncture**
  - While cutting a glass slide, it broke, and a small sliver of glass punctured the Research Assistant's finger.

## Slip Trip Fall

- **Abrasions on knee and elbow**
  - A Research Associate tripped over an uneven sidewalk joint at the JGI Facility and fell to the ground causing abrasion and contusions on knee and elbow.

# Injury/Illness Cases – August 2014

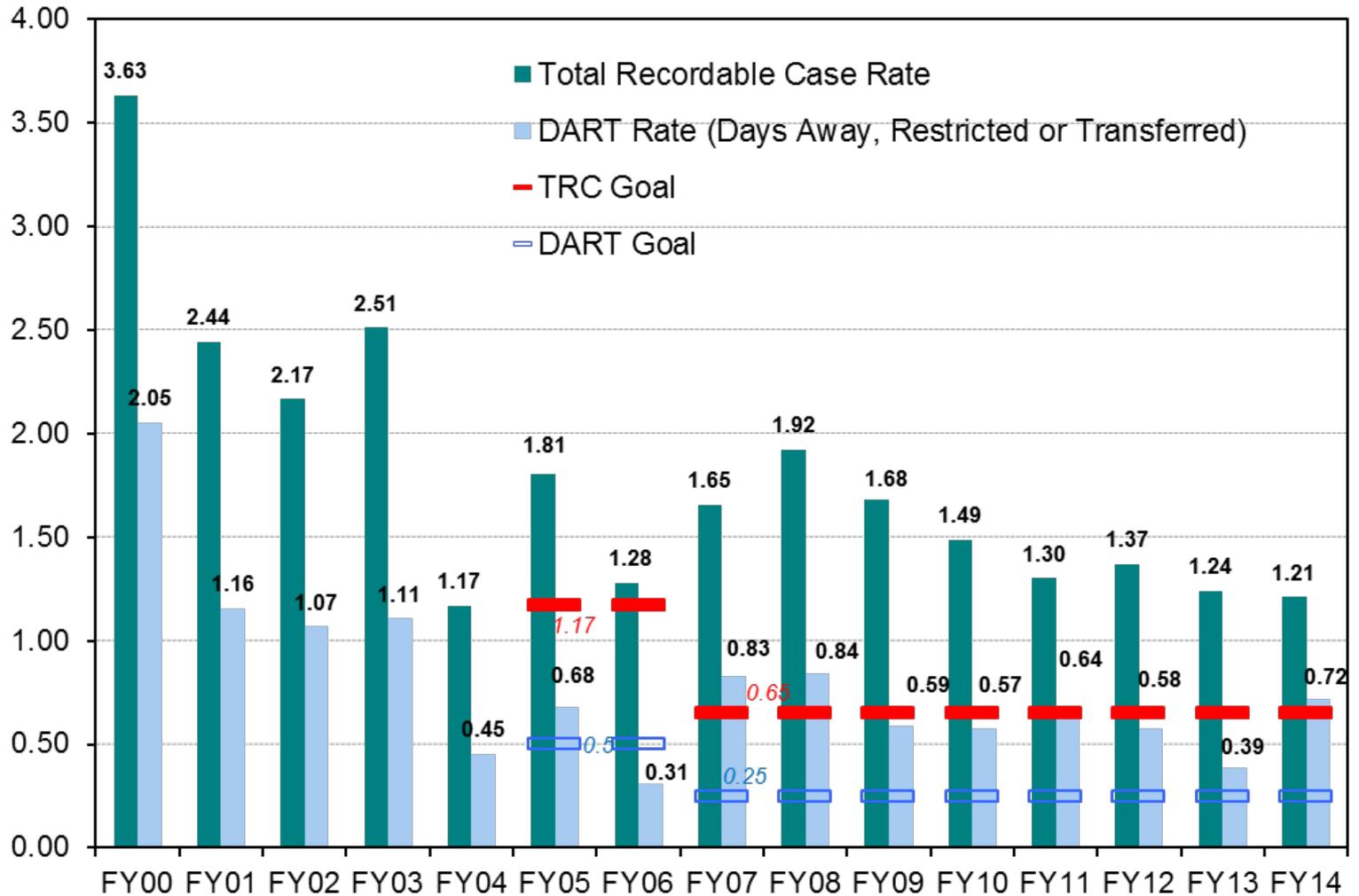
## Trauma

- **Contusion on finger**
  - A Senior Benefits Analyst struck the right ring finger on the edge of an office door latch while exiting the office.
- **Crushed finger**
  - A Plumber/Fitter closed the door of truck cab on index finger.

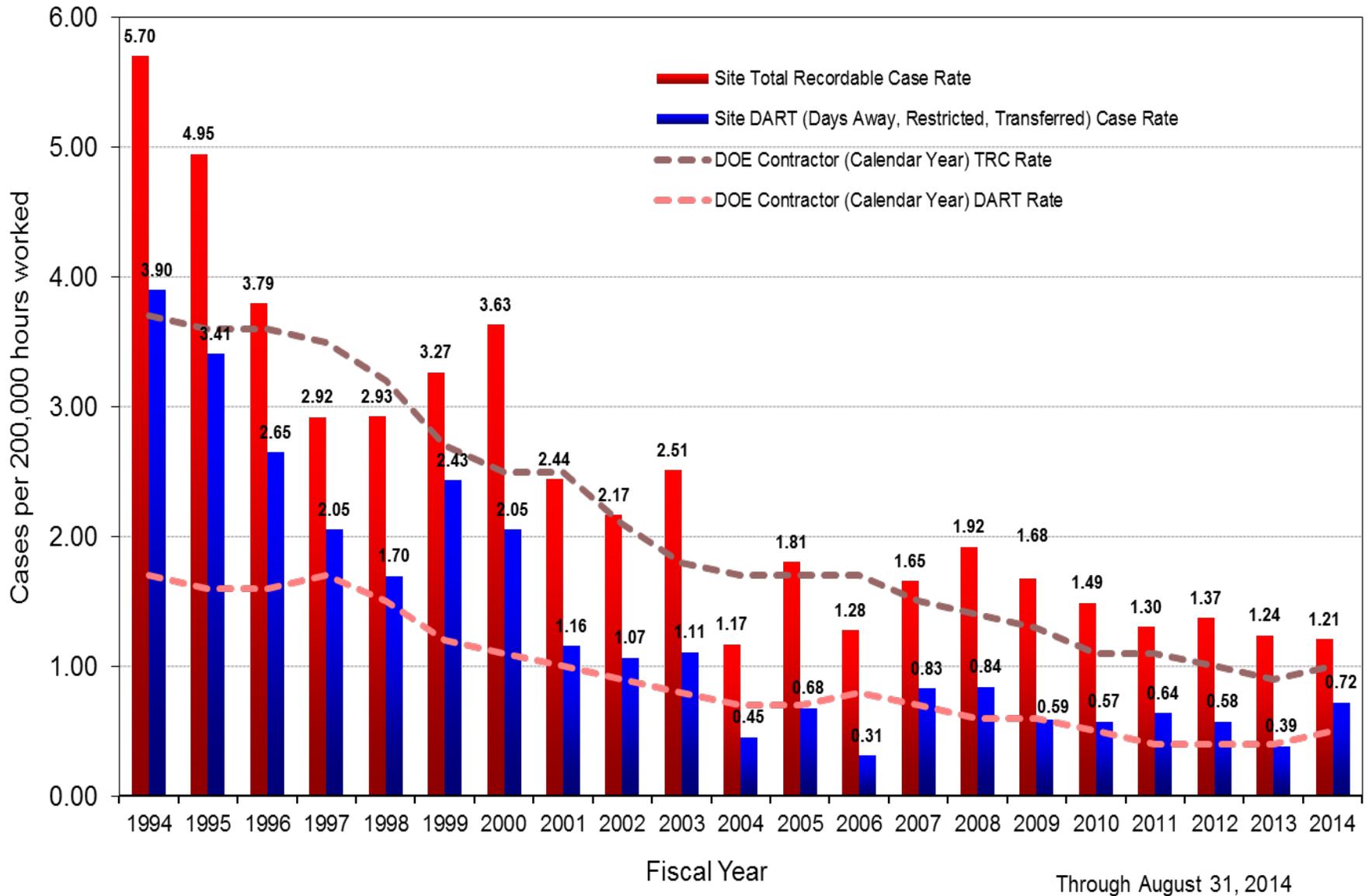
# Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)  
Through August 31, 2014

TRC & DART cases per 100 employees per year

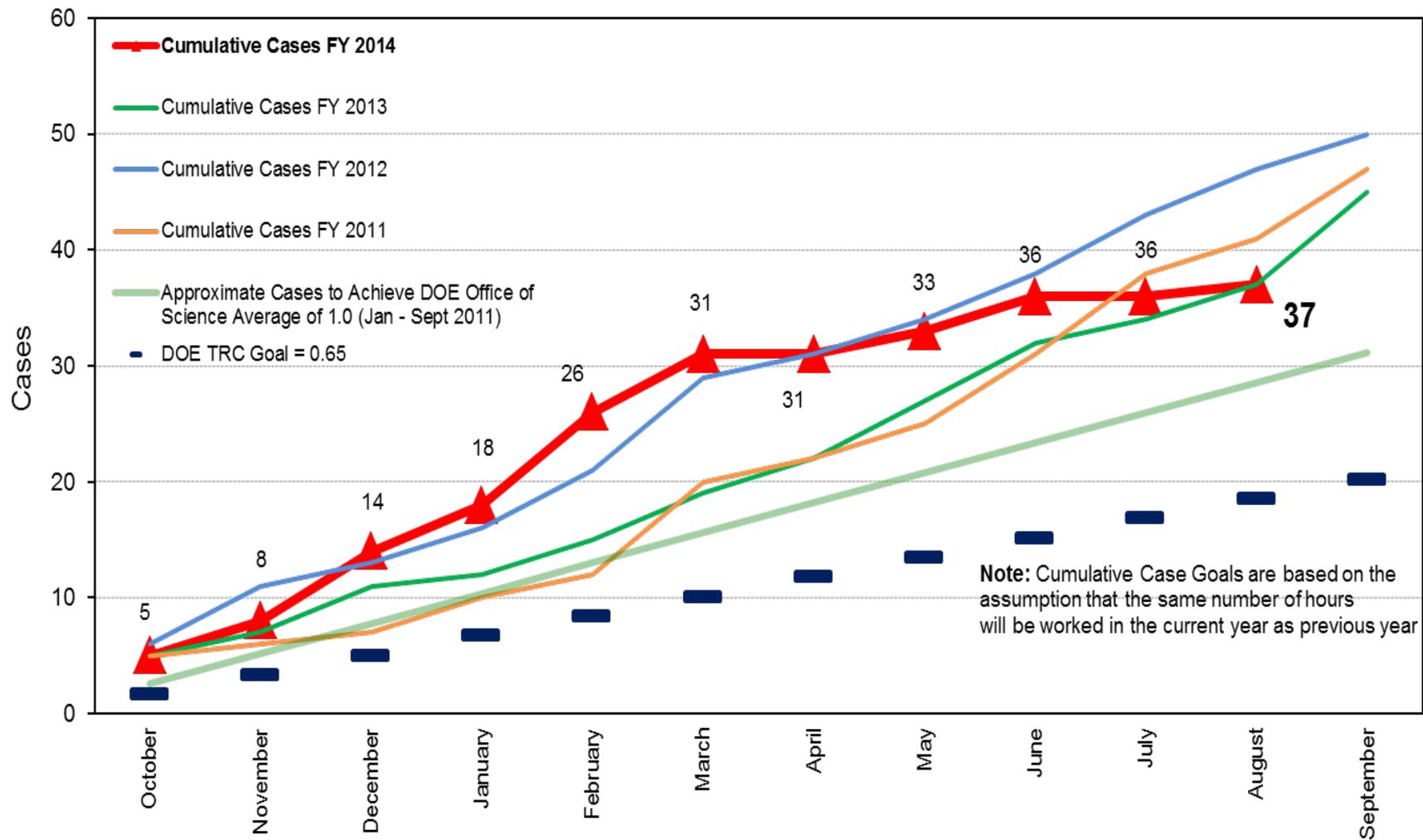


# Berkeley Lab Site Accident Rates

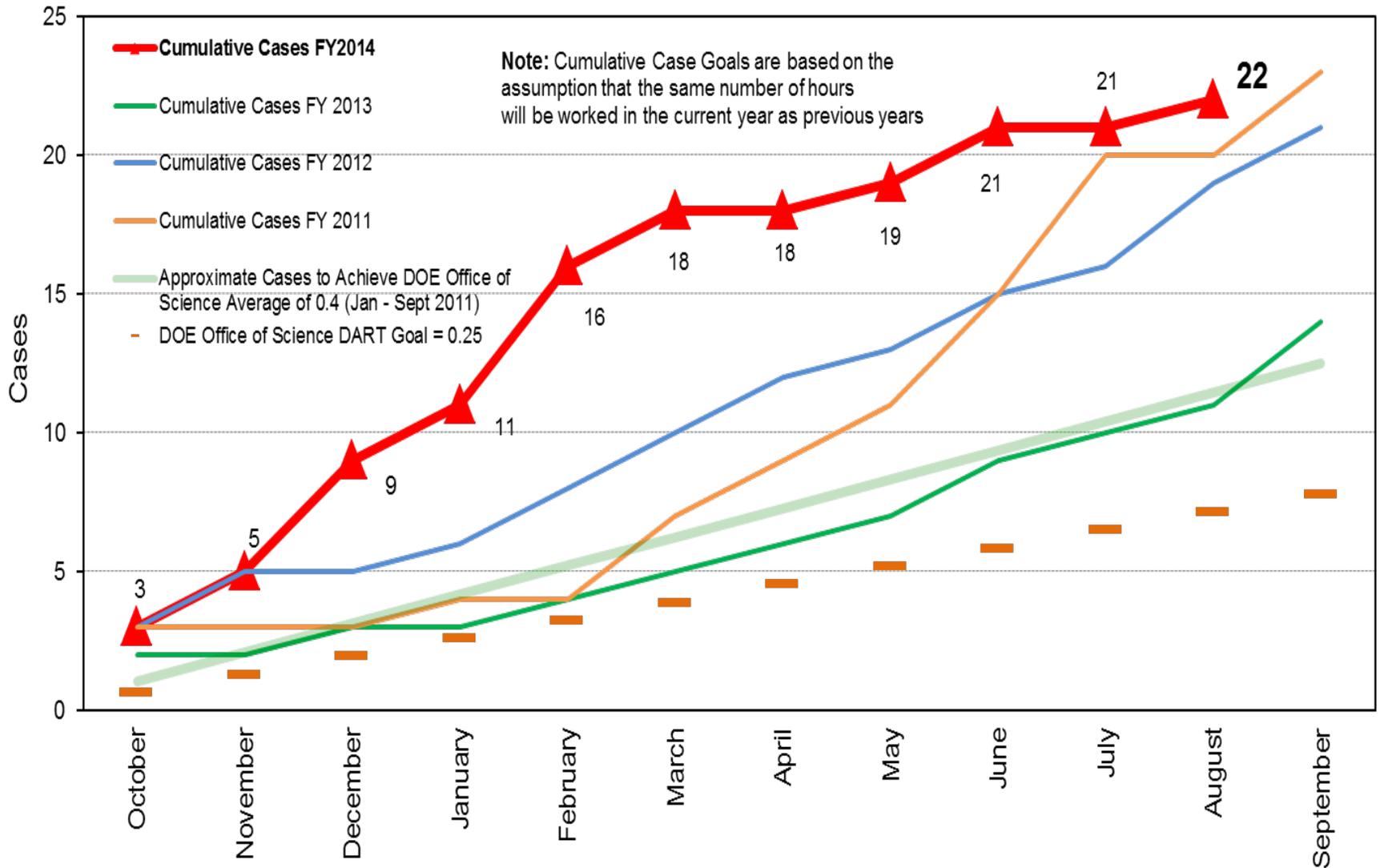


Through August 31, 2014

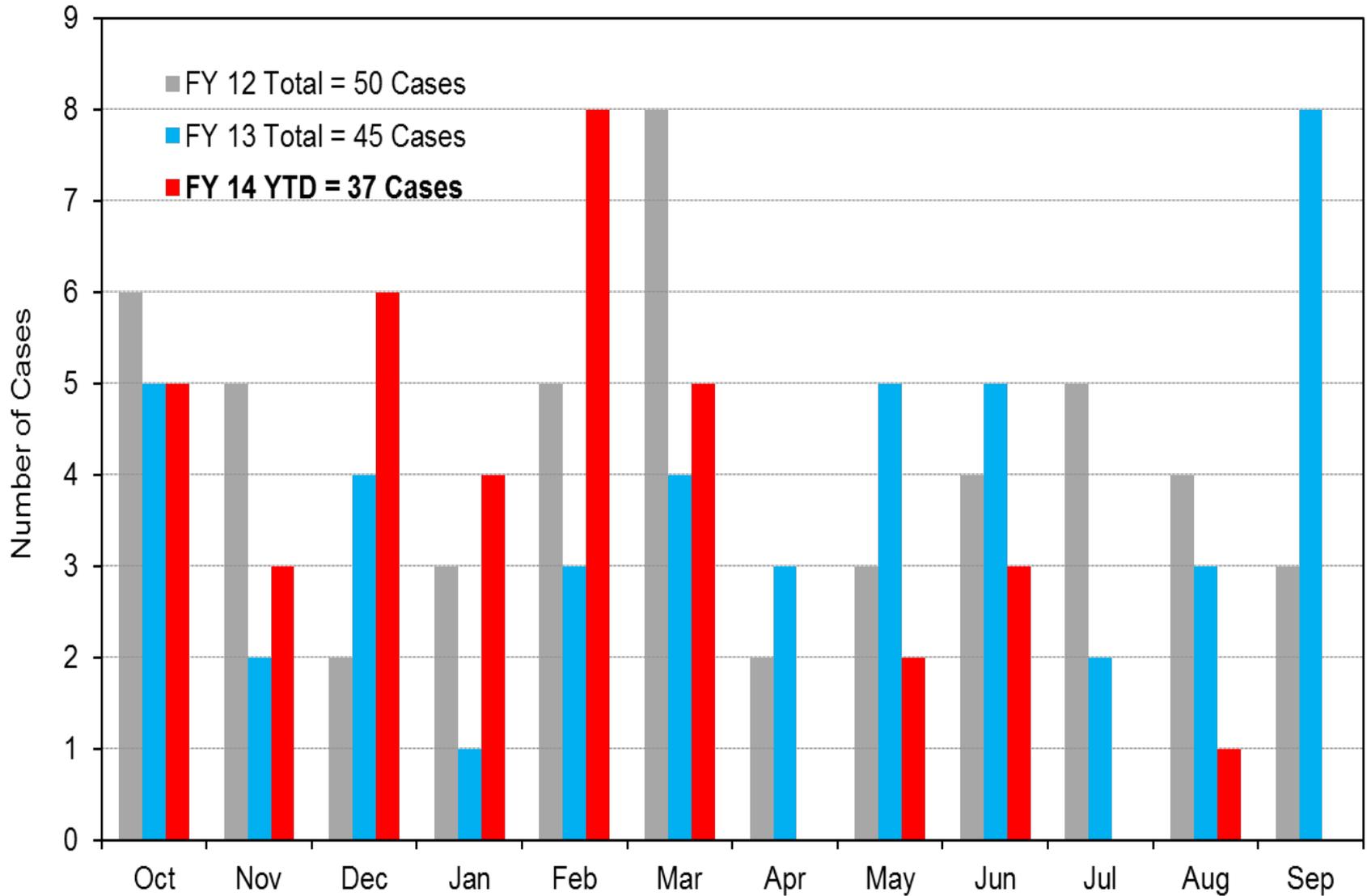
## Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



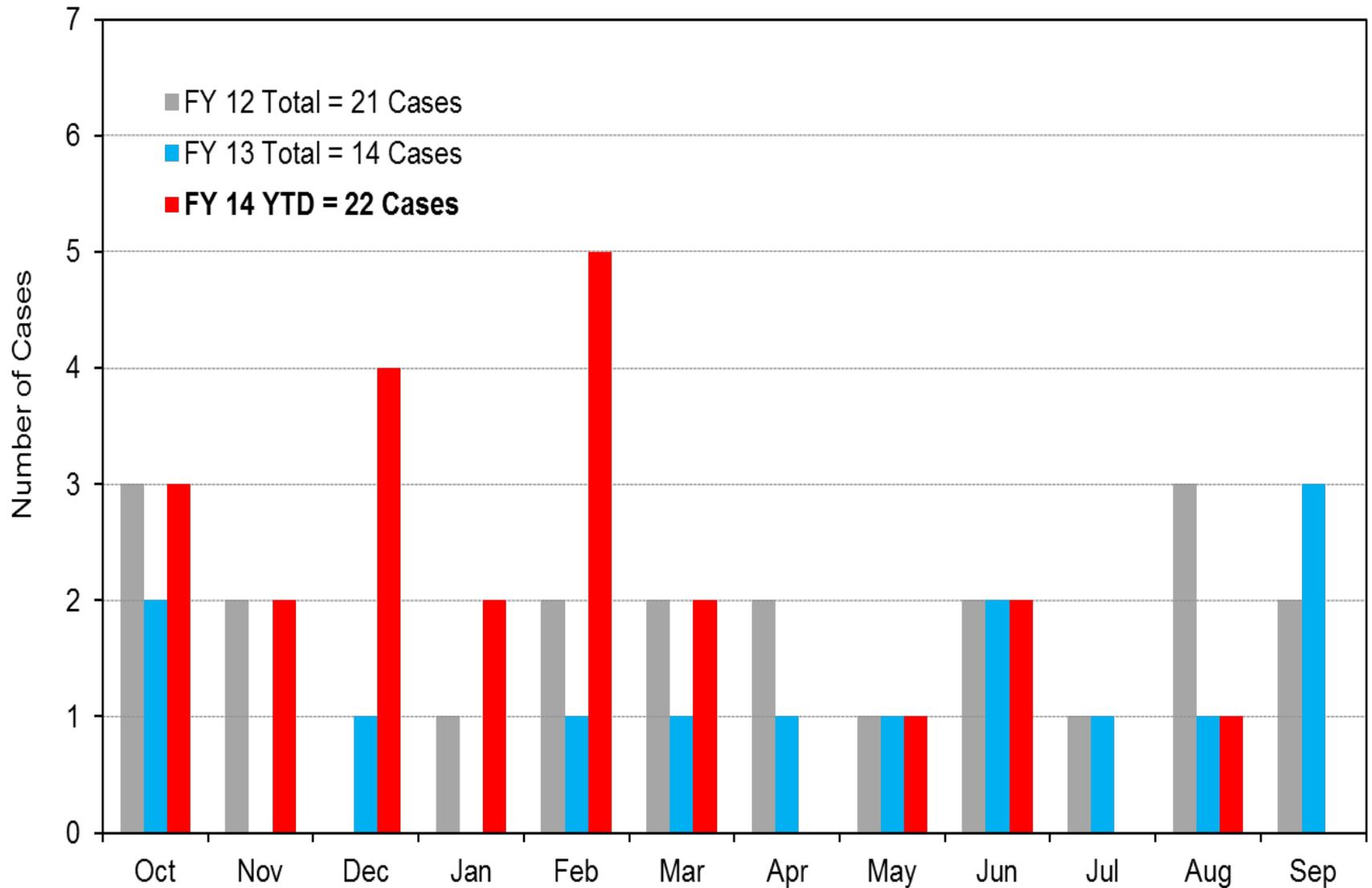
# Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

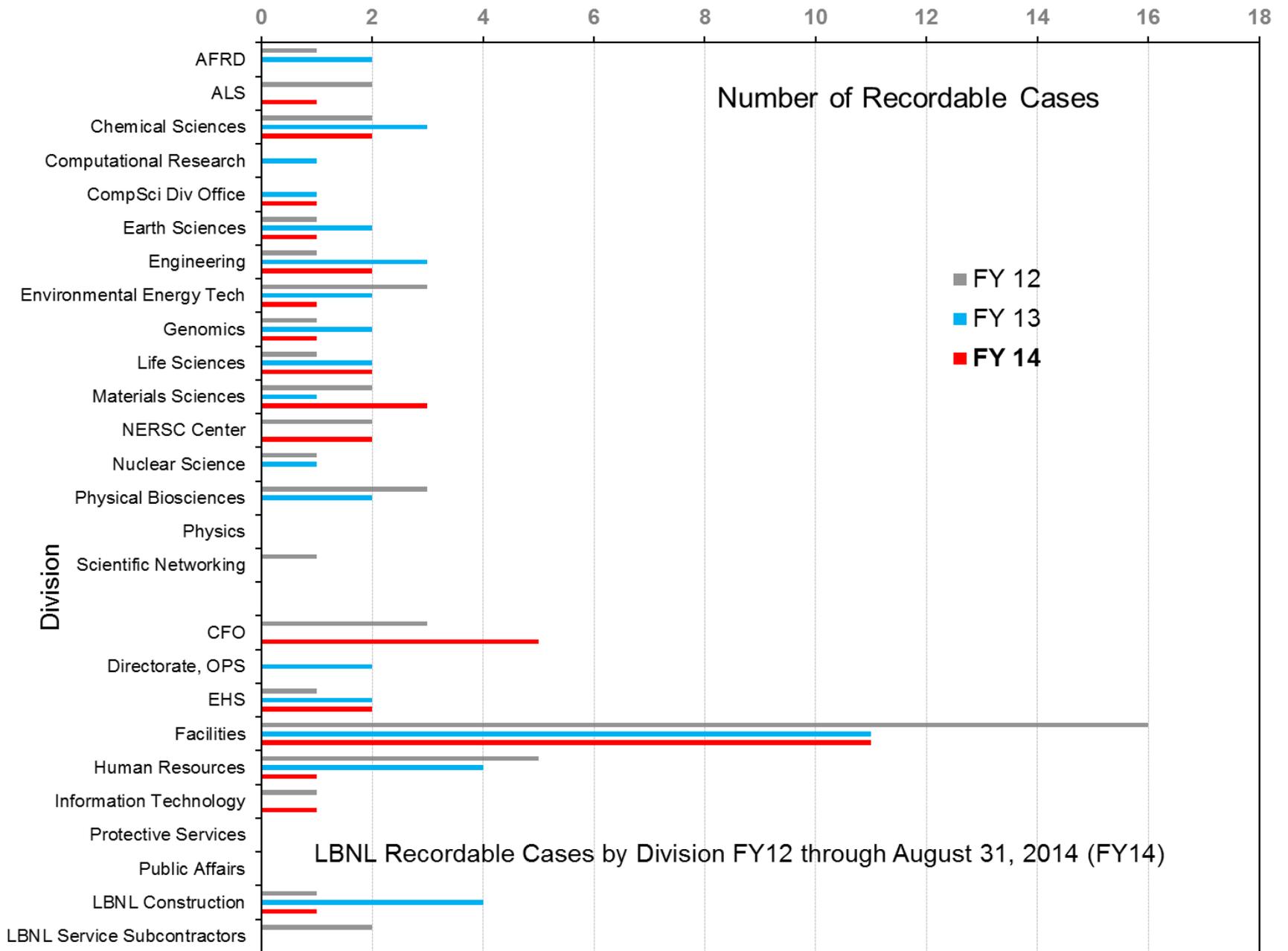


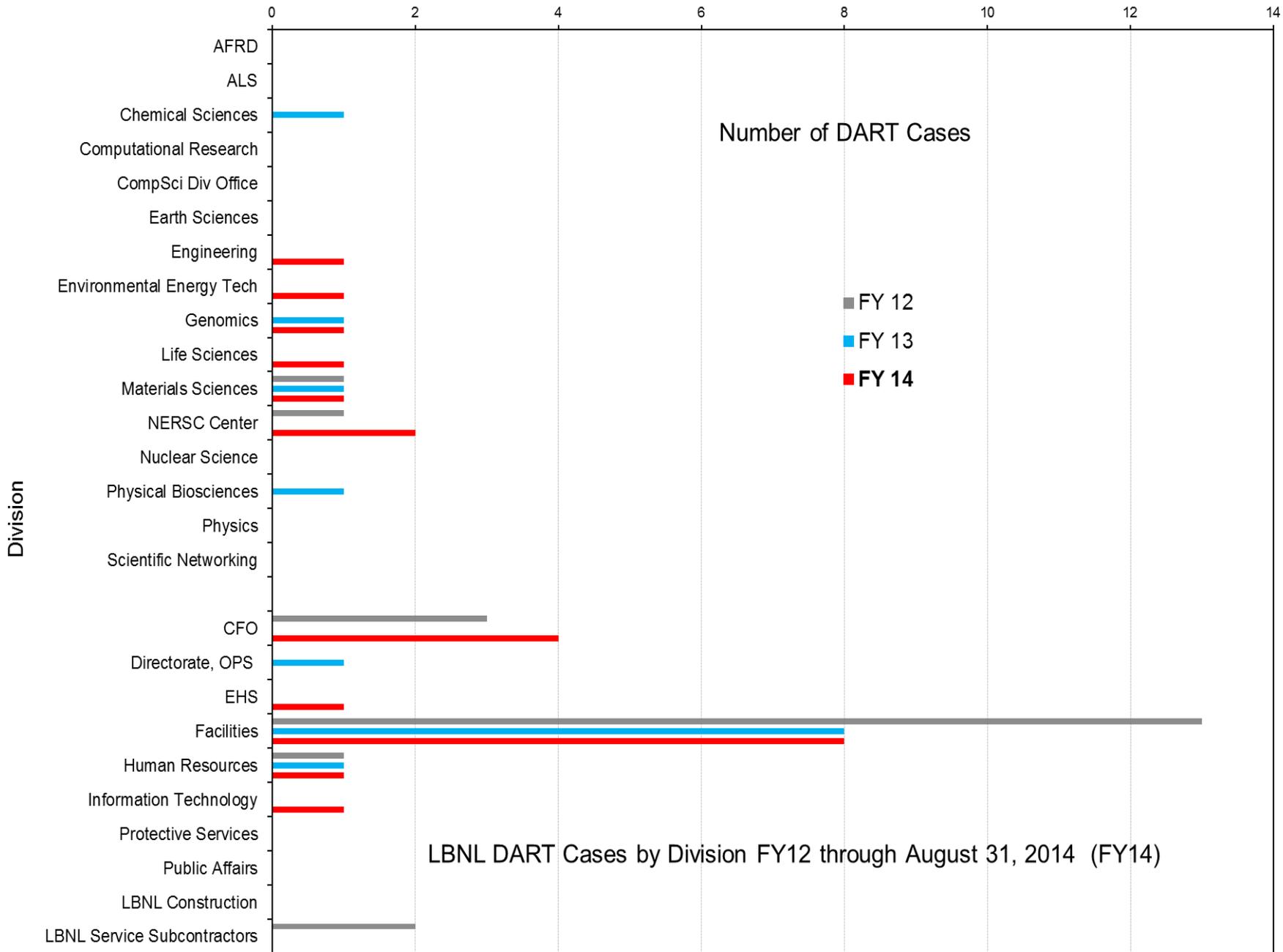
# LBND Recordable Cases FY12 through August 31, 2014 (FY14)



# LBNL DART Cases FY12 through August 31, 2014 (FY14)

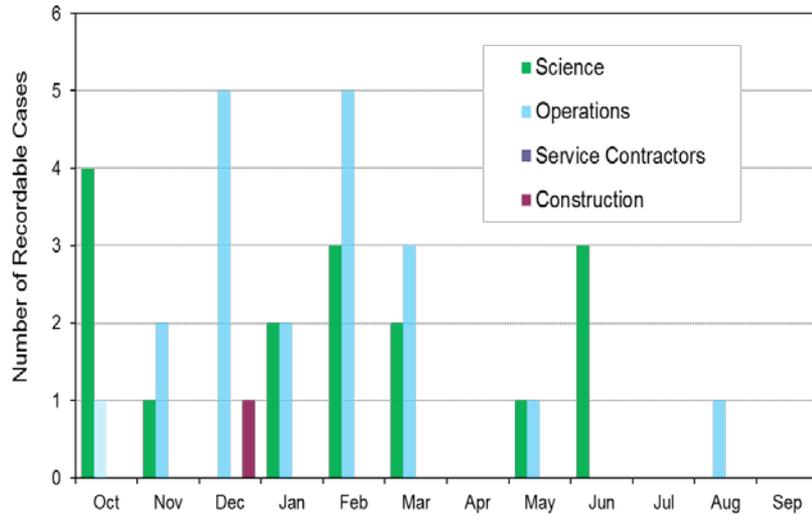




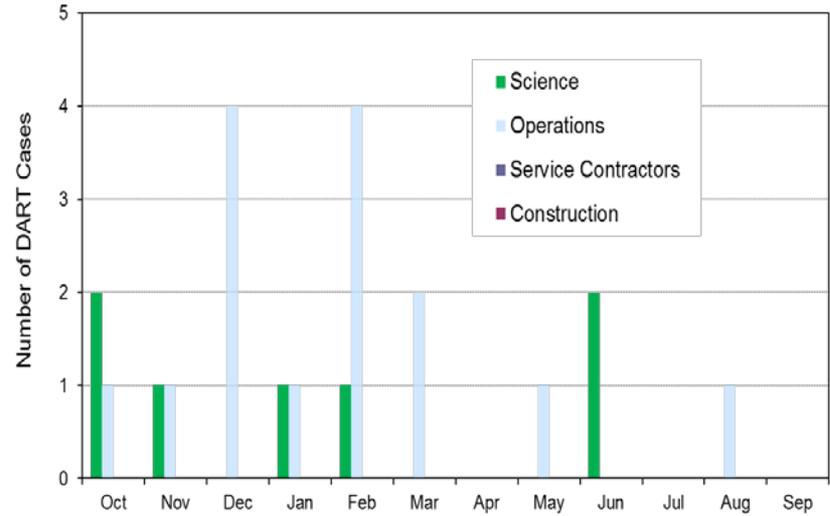


LBNL DART Cases by Division FY12 through August 31, 2014 (FY14)

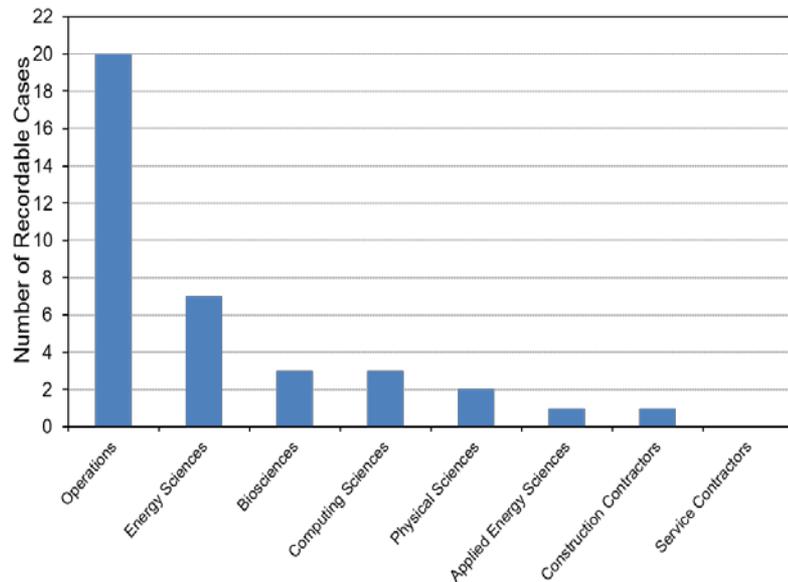
Recordable Cases by LBNL Major Organization  
FY 2014 To Date August 31, 2014



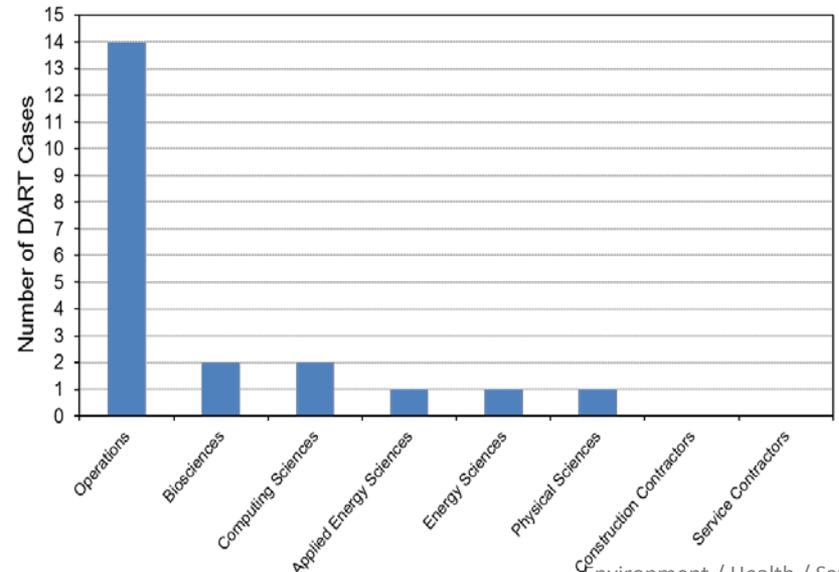
DART Cases by LBNL Major Organization  
FY 2014 To Date August 31, 2014



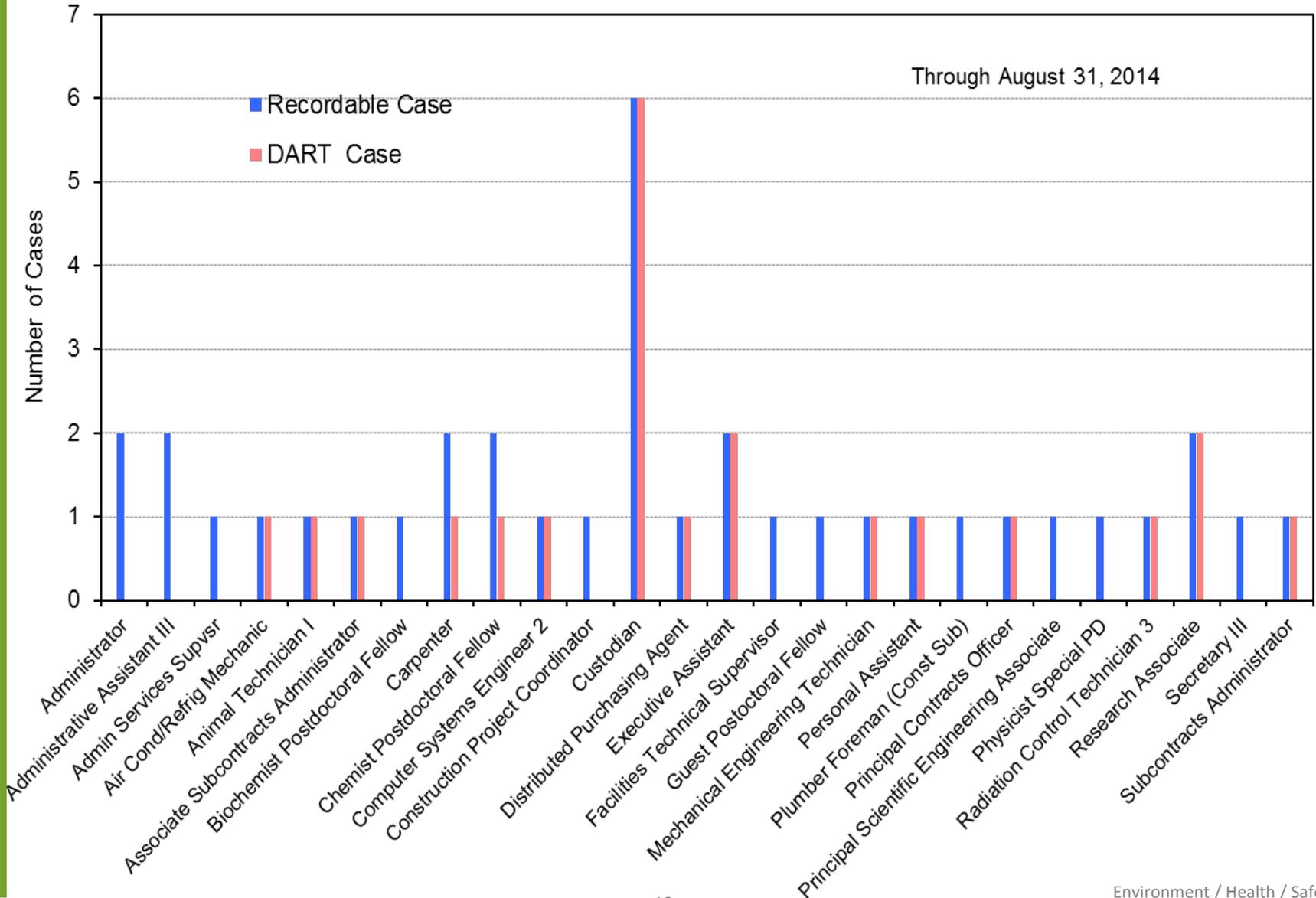
Recordable Cases by Associate Laboratory Directorate  
FY 2014 To Date August 31, 2014



DART Cases by Associate Laboratory Directorate  
FY 2014 To Date August 31, 2014

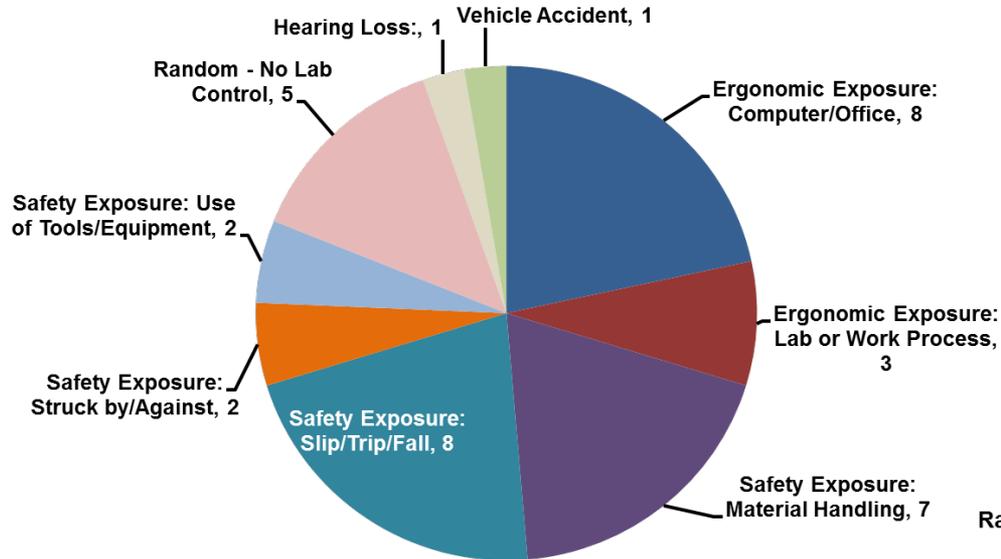


## Recordable and DART Cases by Job Classification

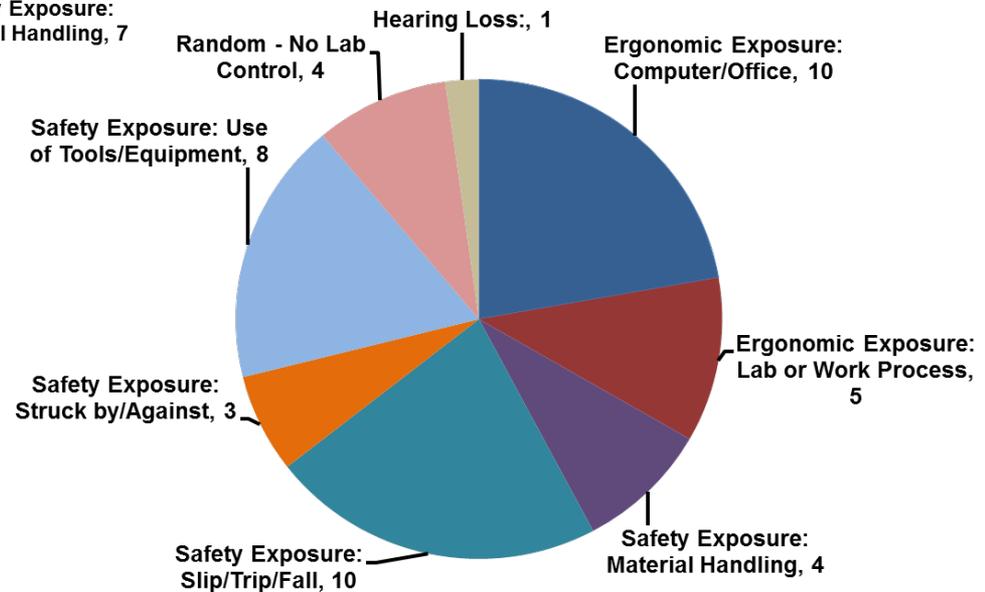


# Recordable Injury Categories and Causes

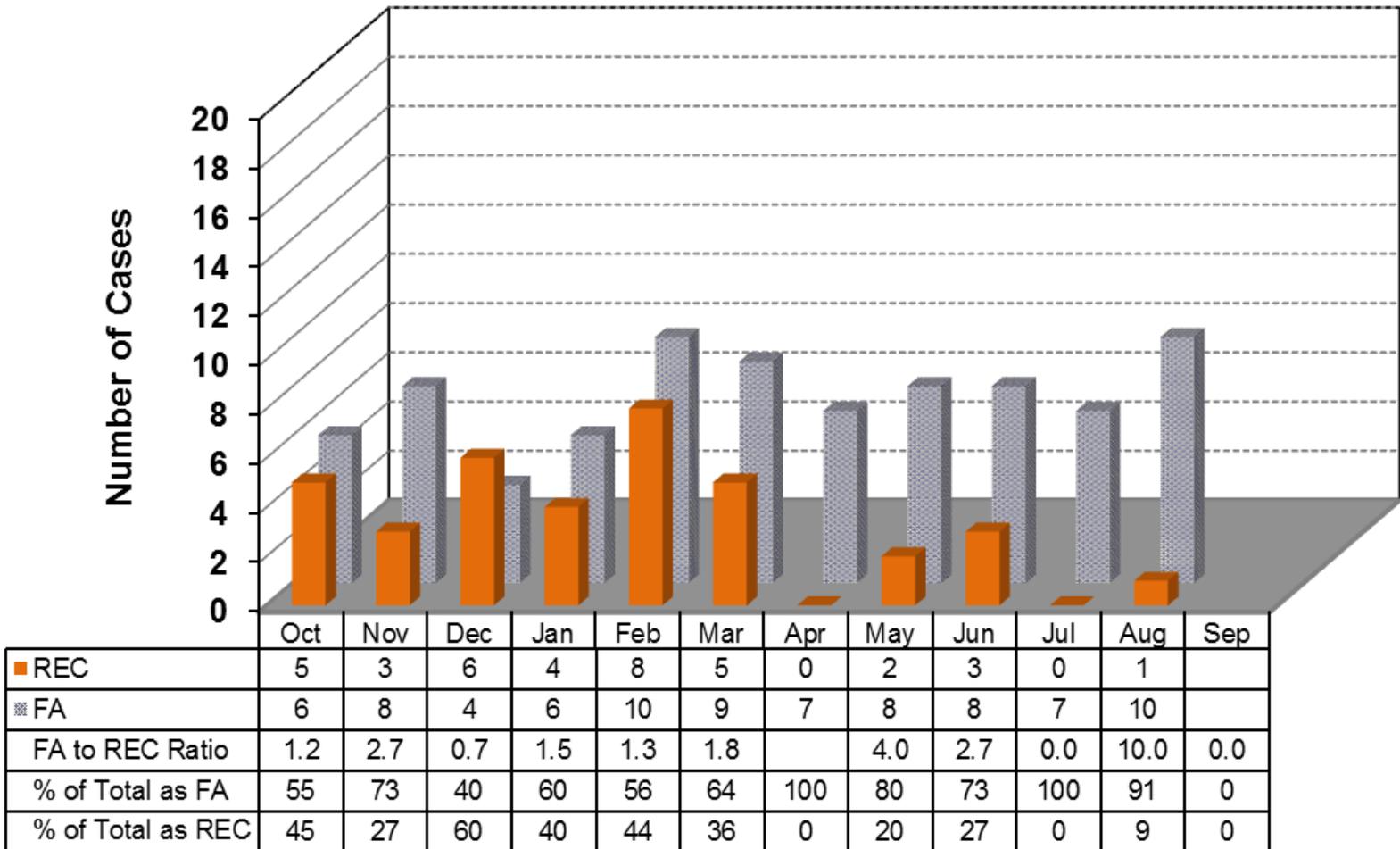
FY 2014 through August 31, 2014



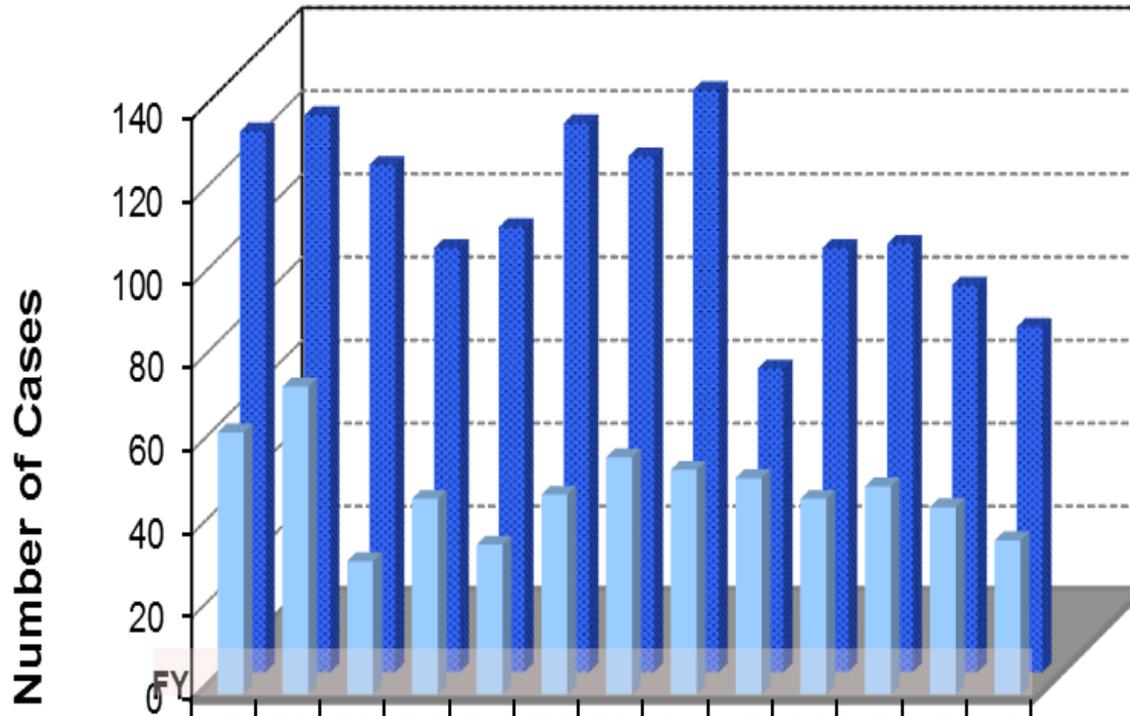
FY 2013



## FY2014 First Aid to Recordable Comparison by Month through August 31, 2014



## FY02 to FY2014 First Aid to Recordable Comparison by Year through August 31, 2014



	02	03	04	05	06	07	08	09	10	11	12	13	14
REC	63	74	32	47	36	48	57	54	52	47	50	45	37
FA	130	134	122	102	107	132	124	140	73	102	103	93	83
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	2.24
% 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	0	7
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	0	1
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	0	2
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	0	2
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>0</b>	<b>16</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	1	0	0	11
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>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>0</b>	<b>20</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>0</b>	<b>36</b>
<b>LBNL Construction</b>	0	0	1	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>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>0</b>	<b>37</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 08/31/14

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety  
DIVISION

**'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	0	0	8
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>0</b>	<b>15</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>0</b>	<b>22</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>0</b>	<b>22</b>
<i>Prior Year (FY13) Site Grand Total</i>	2	0	1	0	1	1	1	1	2	1	1	3	14
<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 08/31/14

Notes: Projections assume that hours worked will remain constant



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**ENERGY**



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