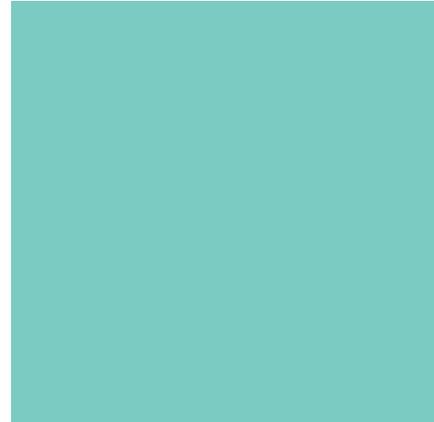




# Berkeley Lab Accident Statistics Through September 30, 2015



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.

**Current Laboratory ALD and Division alignment will be reflected in forthcoming editions of this summary.**

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

# Injury/Illness Cases – September 2015

## Ergonomic – Computer Workstation

- **Wrist tendonitis**

- A Senior Administrator reported to Health Services with pain in wrist and hand after a two week episode of increased computer work.

- **Wrist and thumb strain**

- A Division Director report to Health Services with pain of the wrist and thumb that had developed the previous month in association with extensive laptop computer use with external input devices. (Recordable)

# Injury/Illness Cases – September 2015

## Ergonomic – Computer Workstation

- **Bilateral forearm and hand strain**
  - A Program Manager reported to Health Services with bilateral pain in forearms and hands partly associated with computer work. (Recordable)
- **Thumb, wrist, and arm strain**
  - An Administrative Assistant reported to Health Services with thumb, wrist, and arm discomfort on one side, that had apparently started several months prior, associated with use of computer keyboard and mouse. (Recordable)

# Injury/Illness Cases – September 2015

## Trauma

- **Smoke inhalation**

- A Protective Services employee was exposed to smoke while extinguishing a vehicle fire with a fire extinguisher. The employee reported to Health Services for precautionary purposes.

- **Lower back discomfort**

- A Custodian reported to Health Services with lower back discomfort after losing balance while placing chairs at tables. While reaching to brace against a table, the employee struck against the back of one of the chairs. (Recordable)

- **Head contusion concussion**

- After parking a Gem vehicle in a space adjacent to an AC unit mounted externally to a building an Administrator struck the upper side of head on the edge of the air conditioning unit.

# Injury/Illness Cases – September 2015

## Trauma

- **Minor fingertip abrasion**

- A Computer Systems Engineer struck a finger against something sharp in the tool bag while putting tools away. The contact resulted in a minor abrasion of finger tip and torn fingernail.

- **Deep splinter**

- A Carpenter caught a deep wood splinter on the hand while installing a cabinet.

- **Elbow Strain**

- A Facilities worker reported to Health Services with discomfort of the elbow associated with use of tools and equipment.

# Injury/Illness Cases – September 2015

## Cut / Laceration / Puncture

- **Minor cut on thumb**

- A Carpenter sustained a small laceration on the thumb from a sharp metal edge on a cabinet lock latch.

- **Finger laceration from broken lab glassware**

- An Erlenmeyer flask slipped from a Research Assistant's hand into the sink. After the incident, the employee's finger contacted a sharp piece of the broken glass.

- **Thumb laceration**

- A Desktop Systems Specialist was attempting to open a box of computer equipment with scissors. The scissors slipped and one of scissor cut the employee's thumb. (Recordable)

# Injury/Illness Cases – September 2015

## Cut / Laceration / Puncture

- **Small puncture wound**

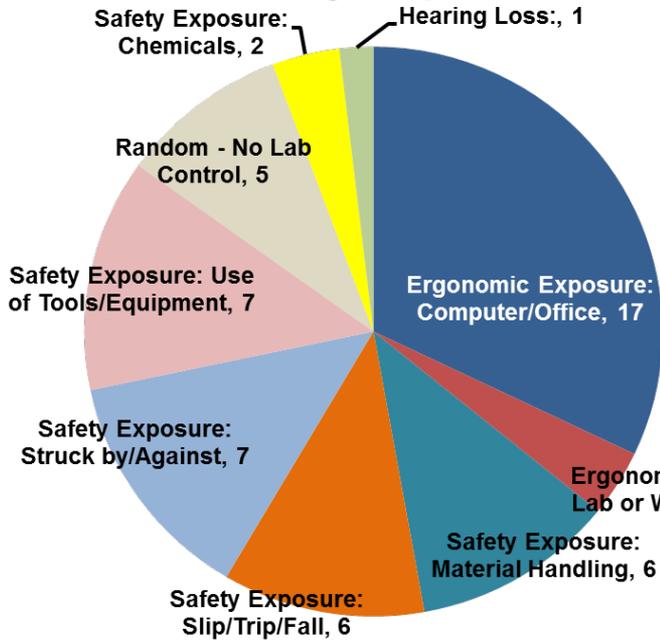
- An Electronic Engineering Technologist reported to Health Services with finger discomfort associate with a minor puncture wound on finger that occurred when a mini-sized screwdriver slipped while working on a connector the employee was holding in one hand.

- **Minor scratch on foot**

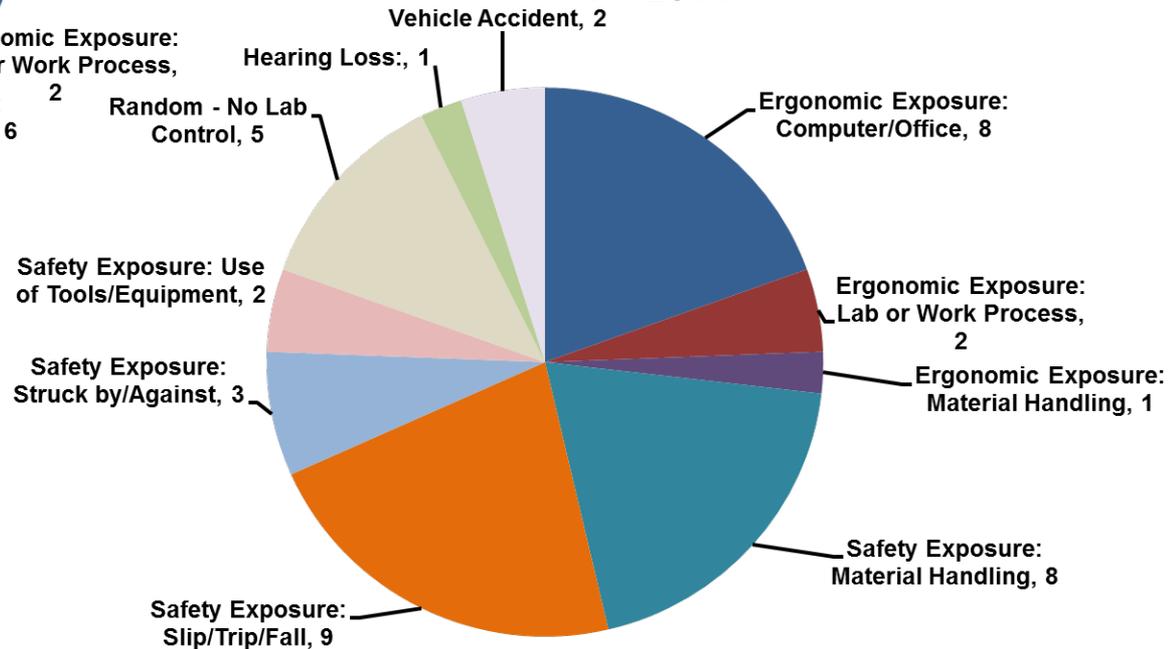
- A subcontractor Demolition Worker received a minor scratch on the foot after slipping in the decon shower and striking the foot on the edge of a secondary containment pan.

# Recordable Injury Categories and Causes

FY 2015 through September 30, 2015

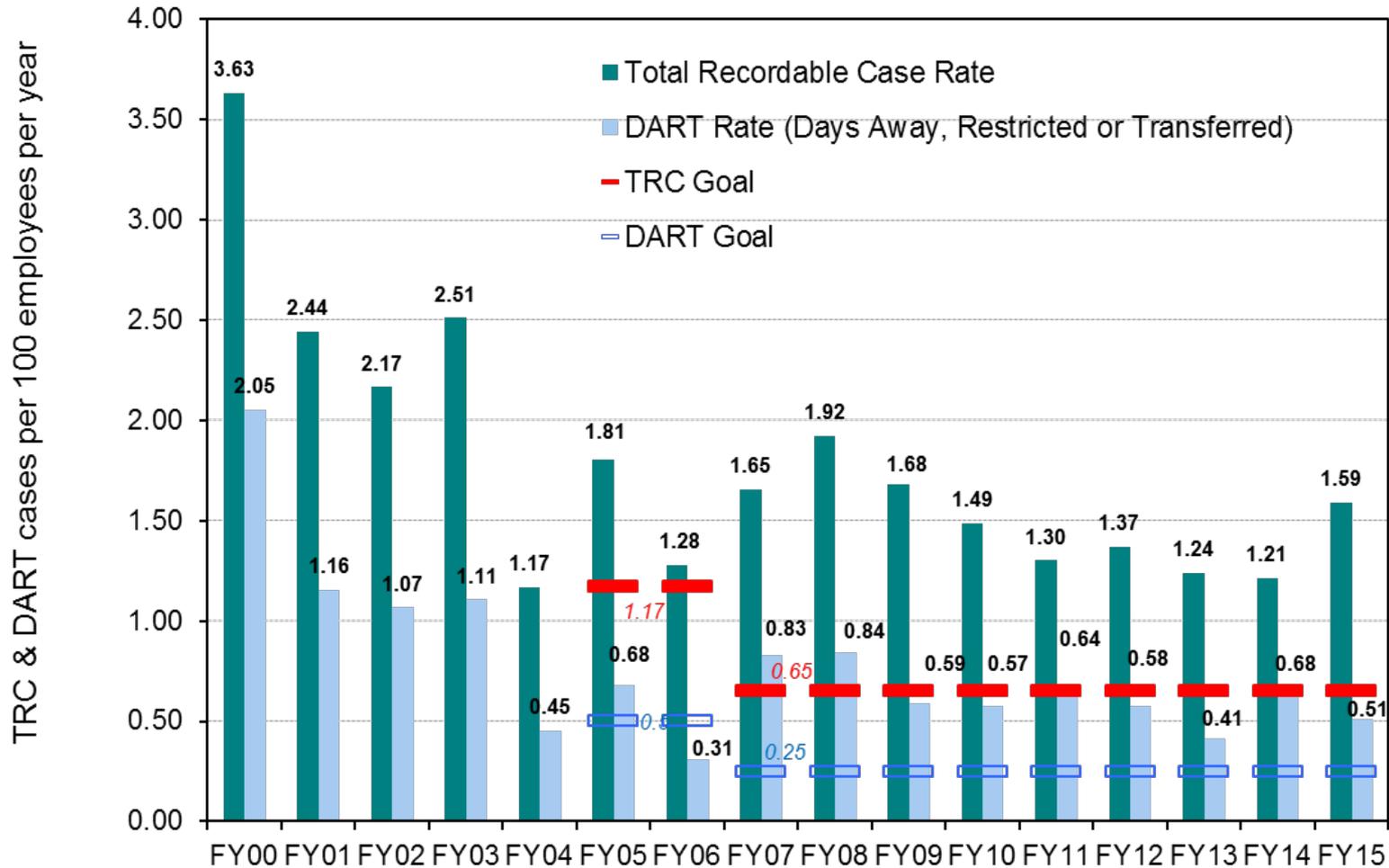


FY 2014

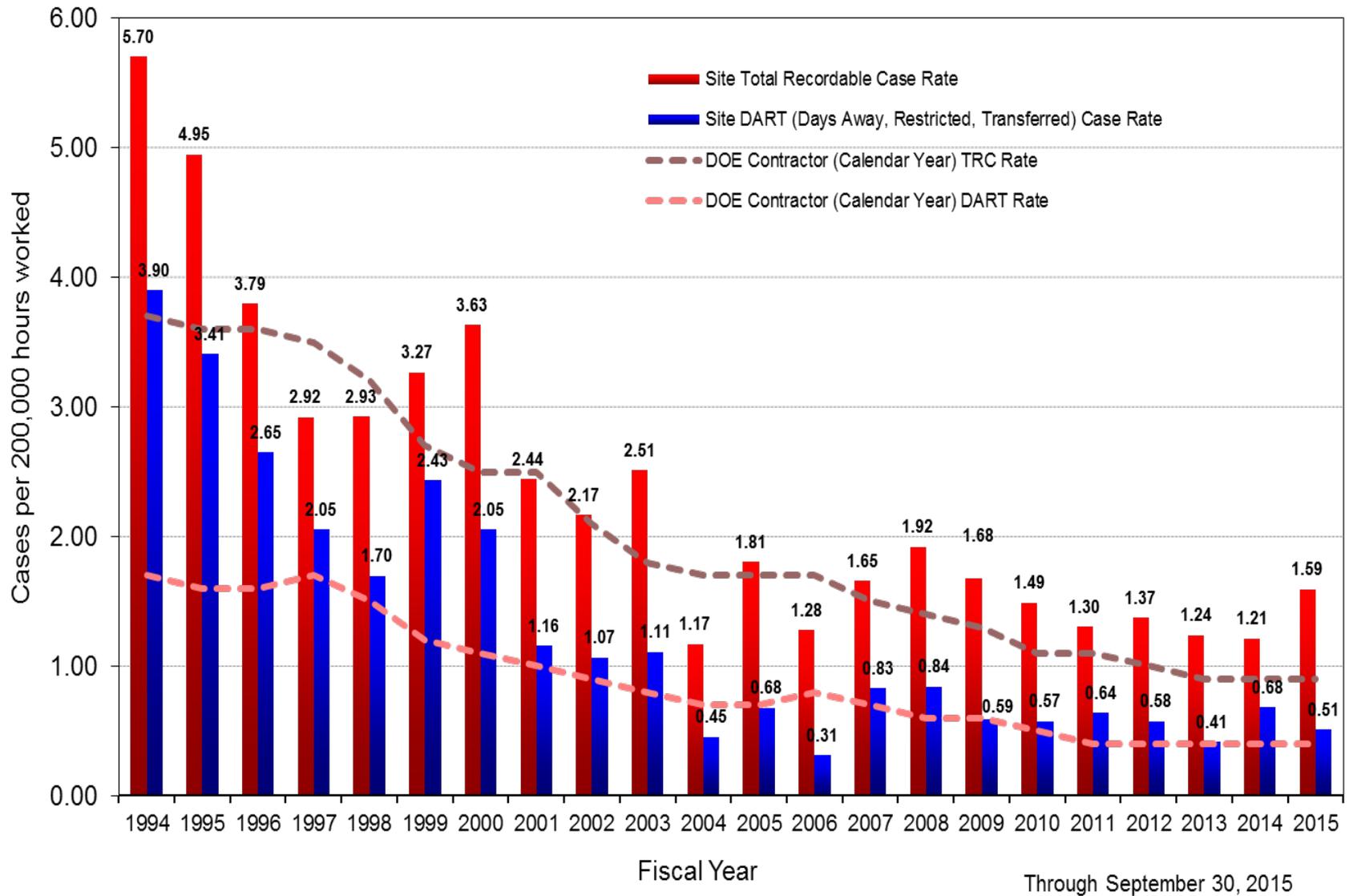


# Berkeley Lab Site-Wide TRC & DART Rates

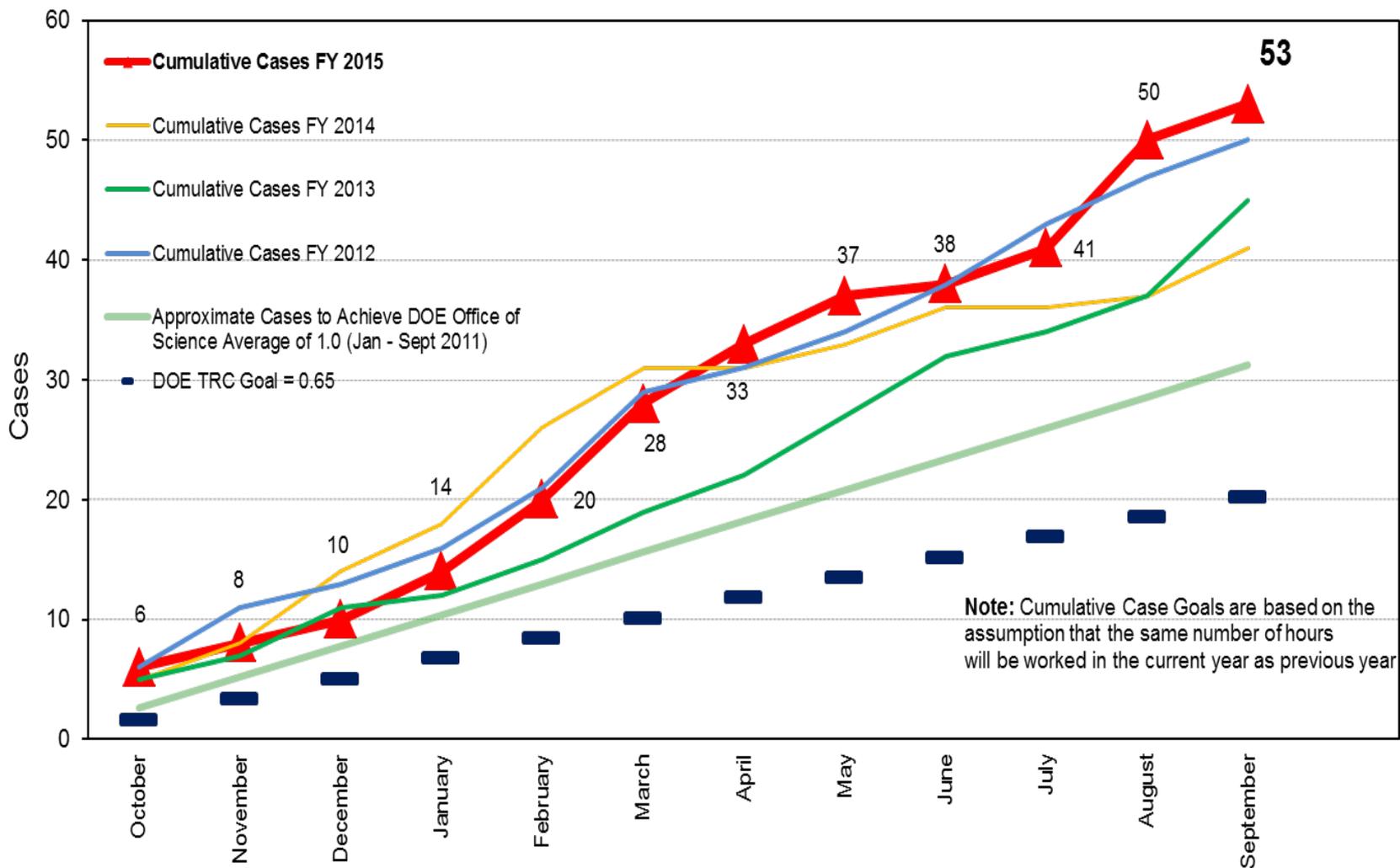
(Includes all Construction and Service Contractors)  
Through September 30, 2015



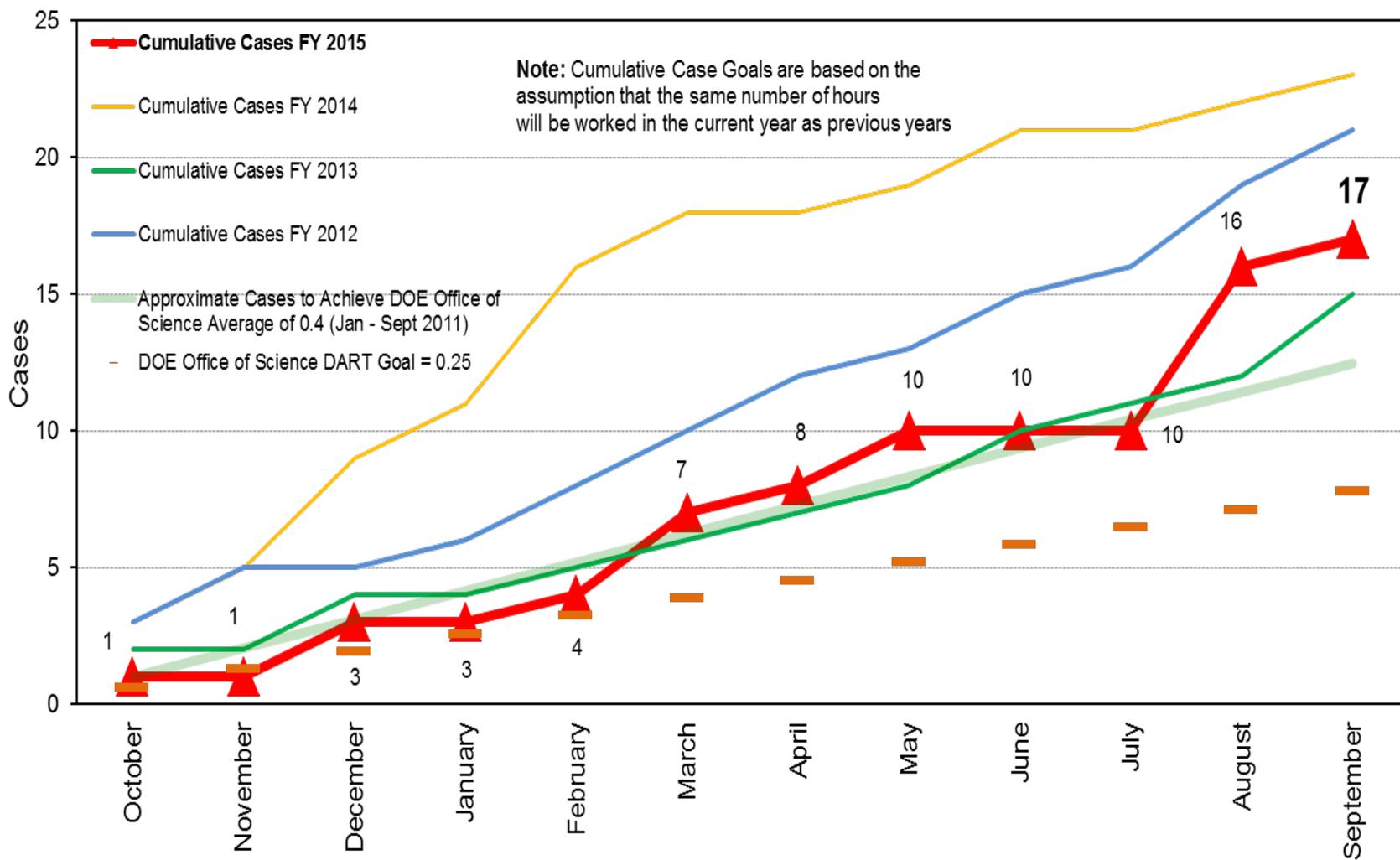
## Berkeley Lab Site Accident Rates



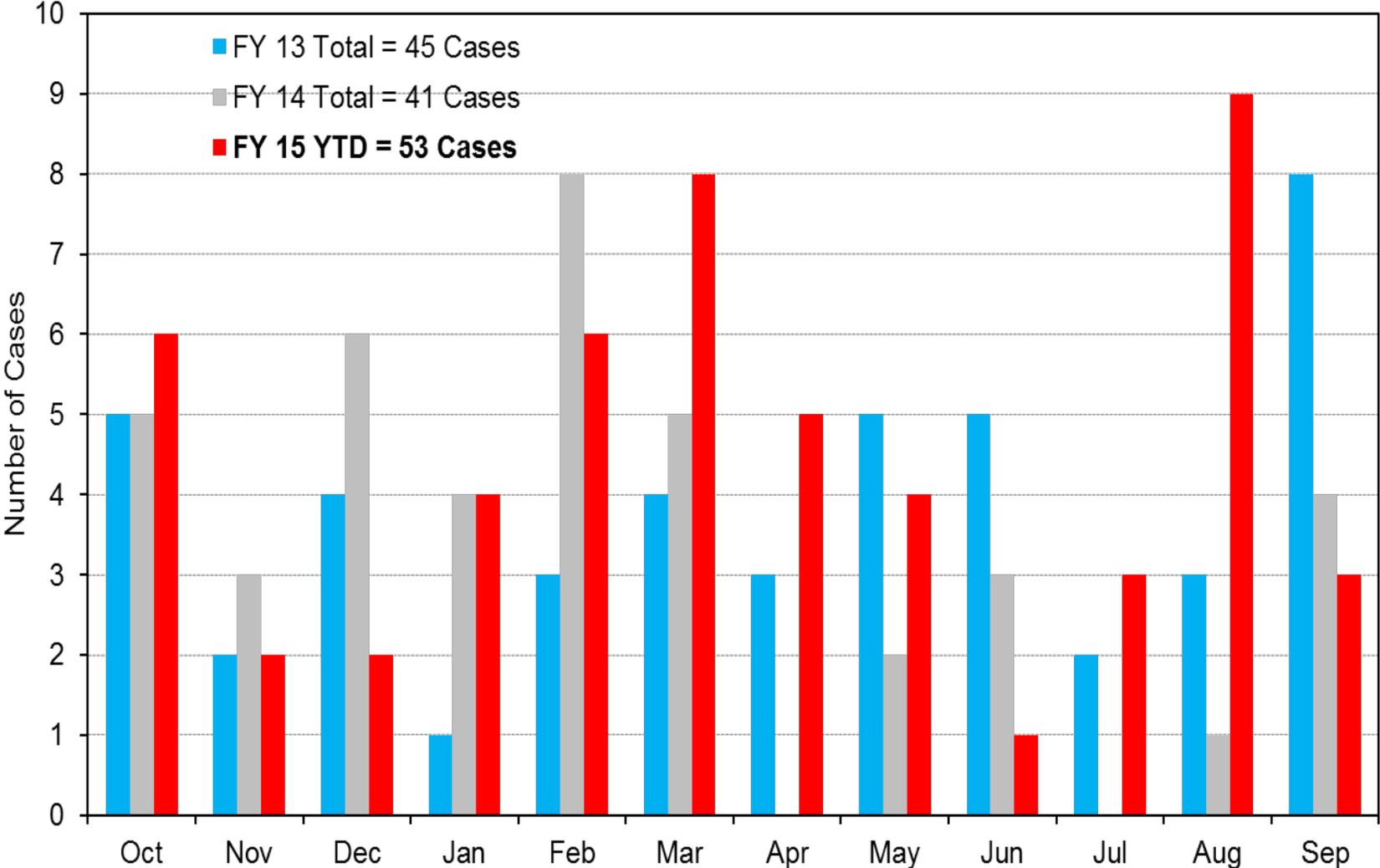
## Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



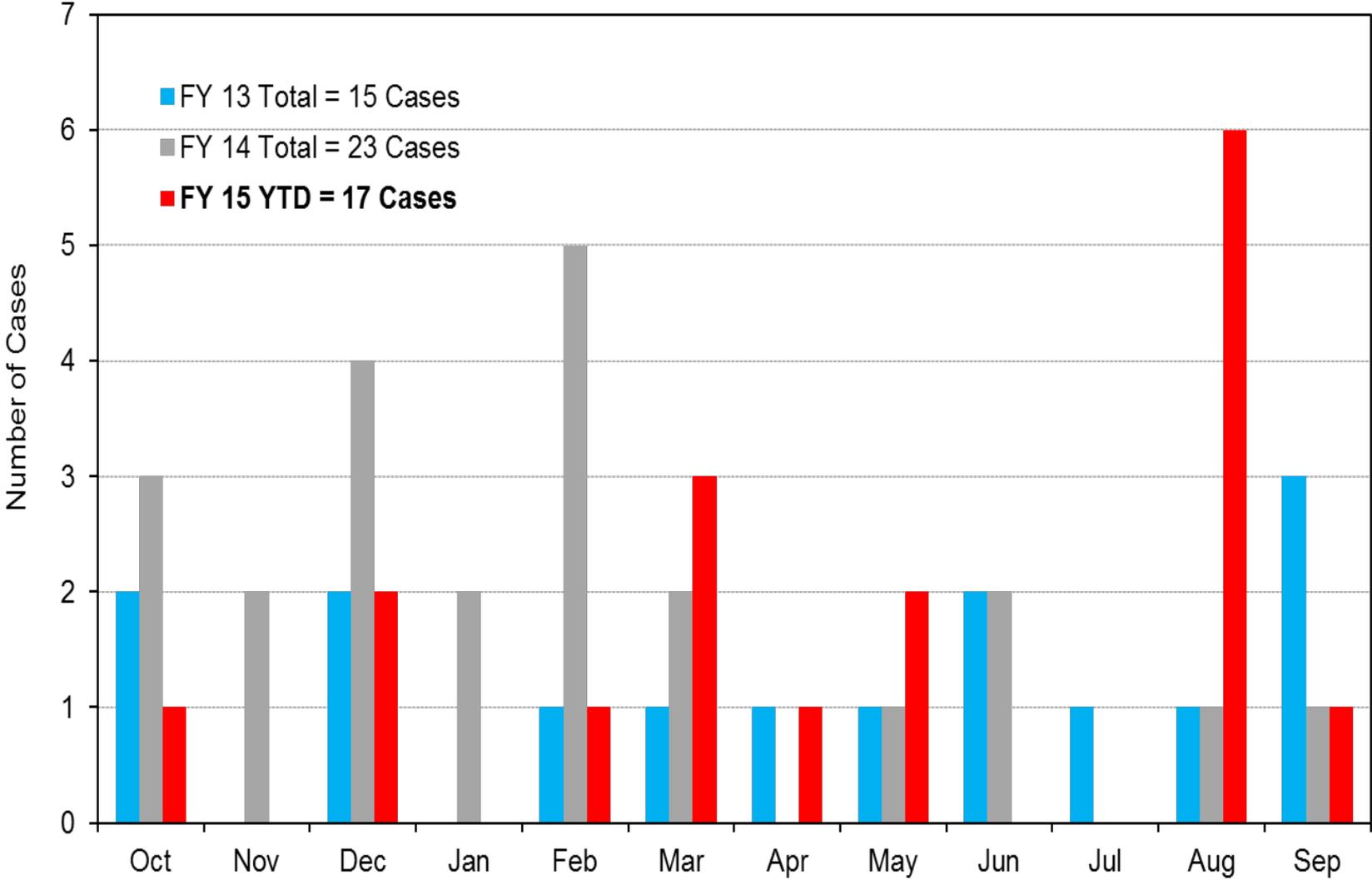
## Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

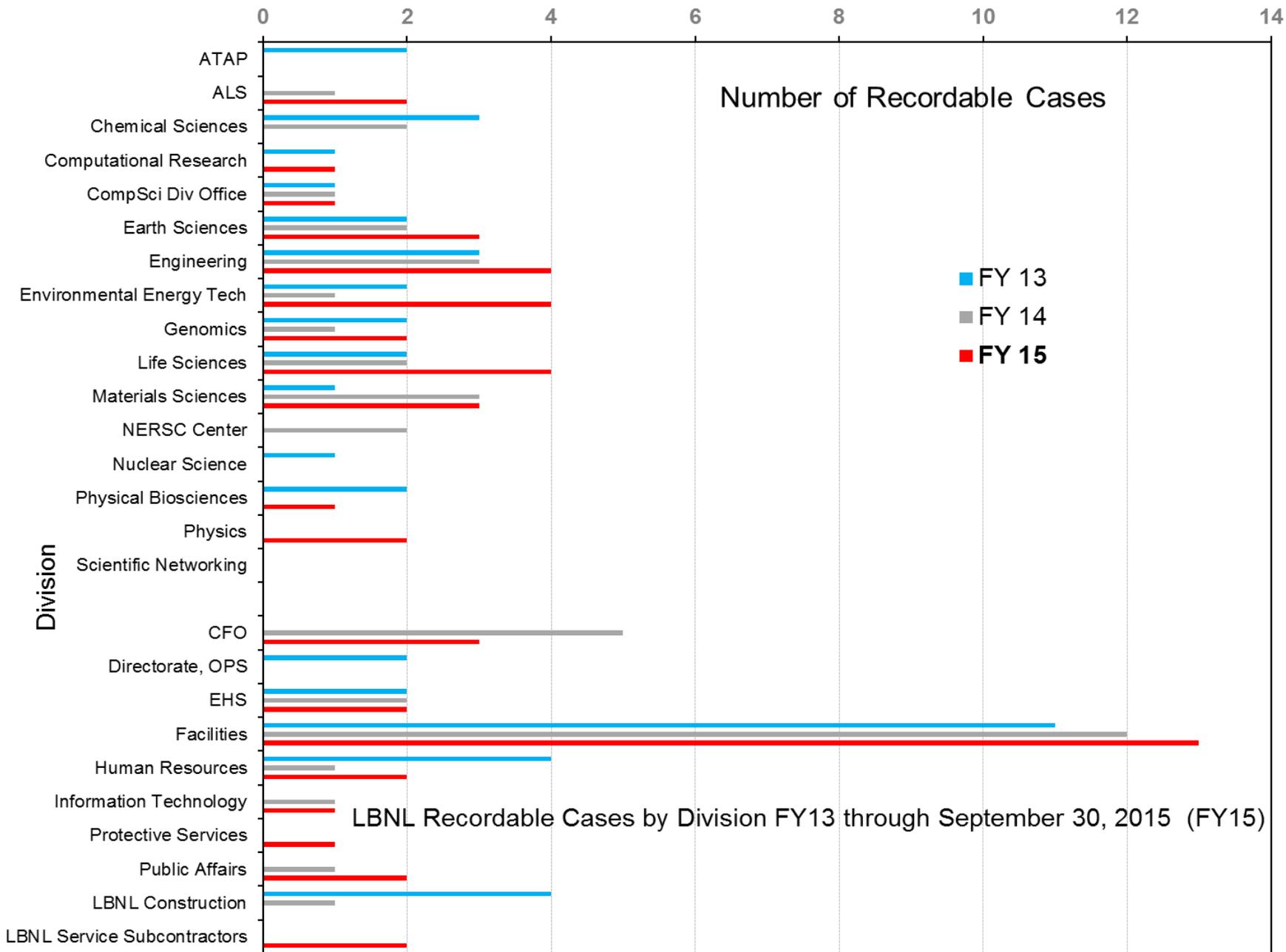


# LBNL Recordable Cases FY13 through September 30, 2015 (FY15)

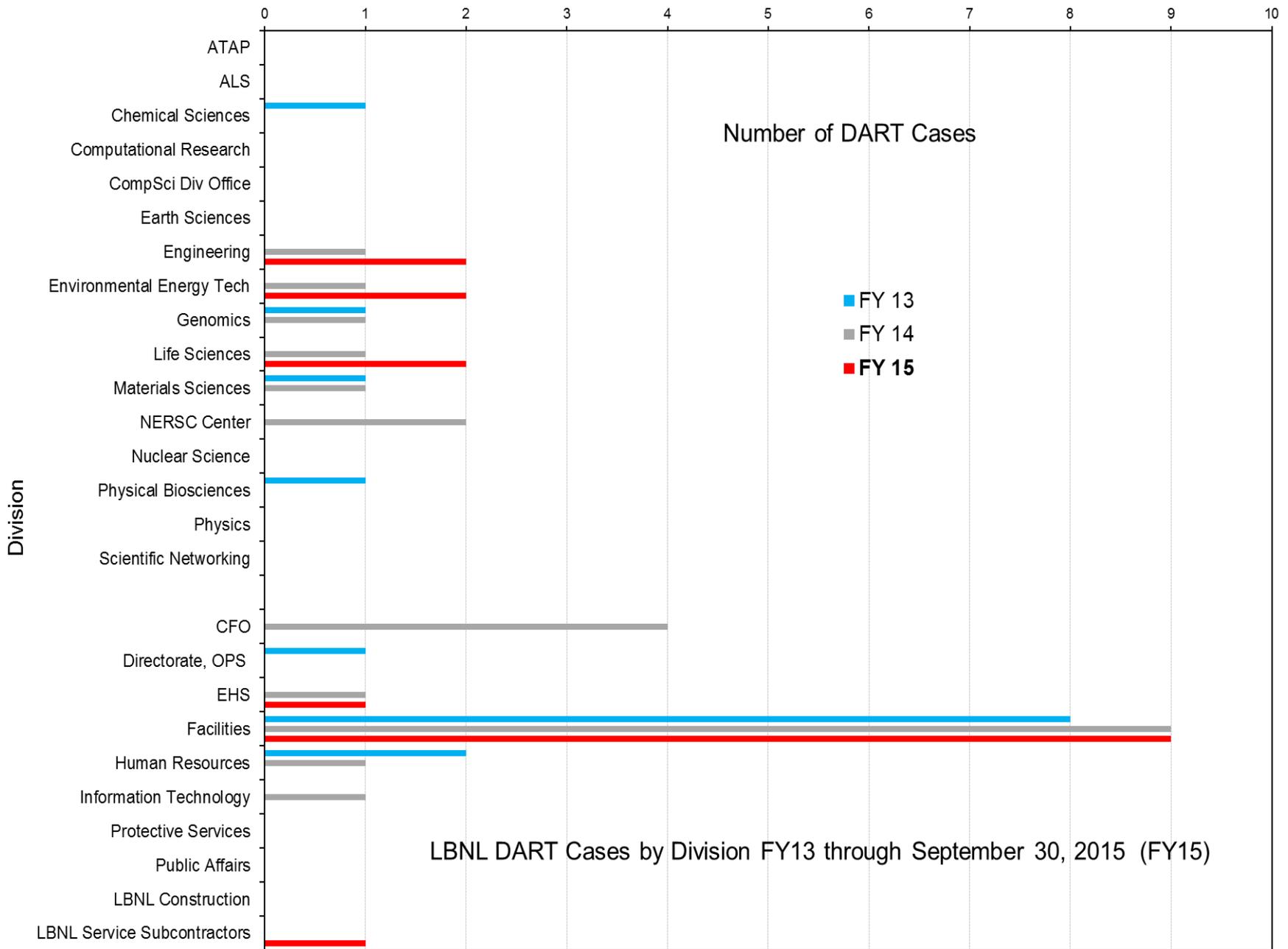


# LBNL DART Cases FY13 through September 30, 2015 (FY15)



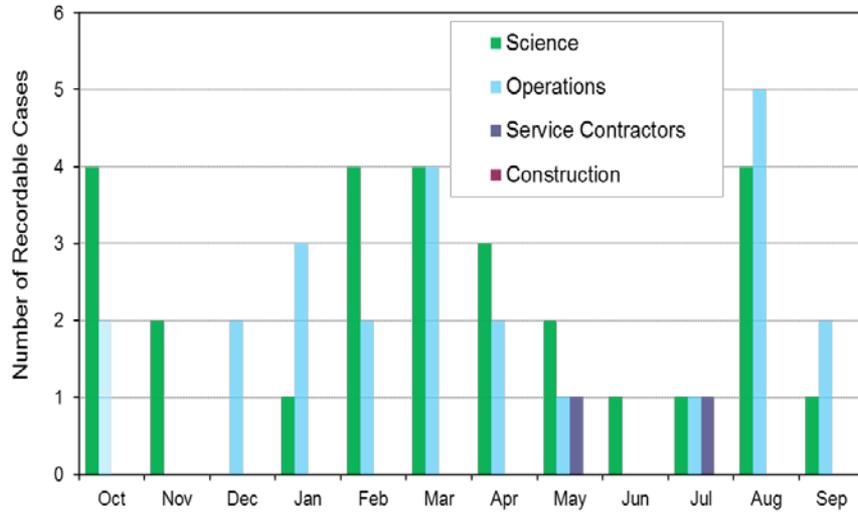


LBNL Recordable Cases by Division FY13 through September 30, 2015 (FY15)

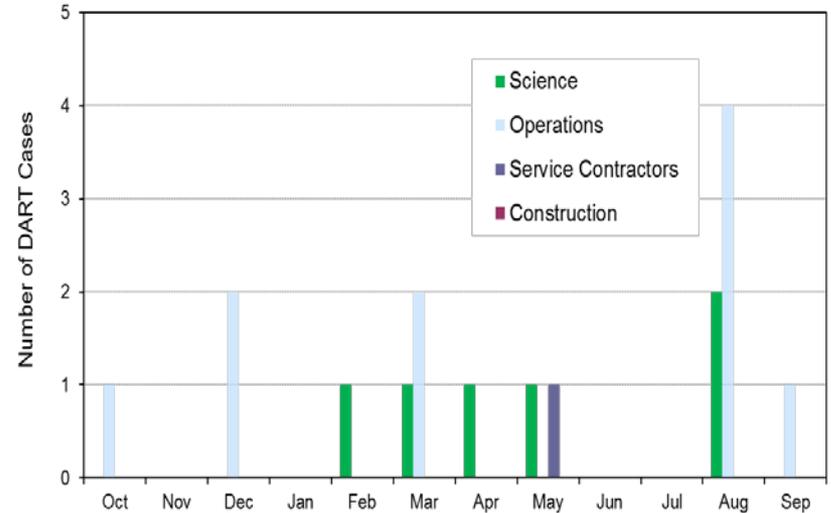


LBNL DART Cases by Division FY13 through September 30, 2015 (FY15)

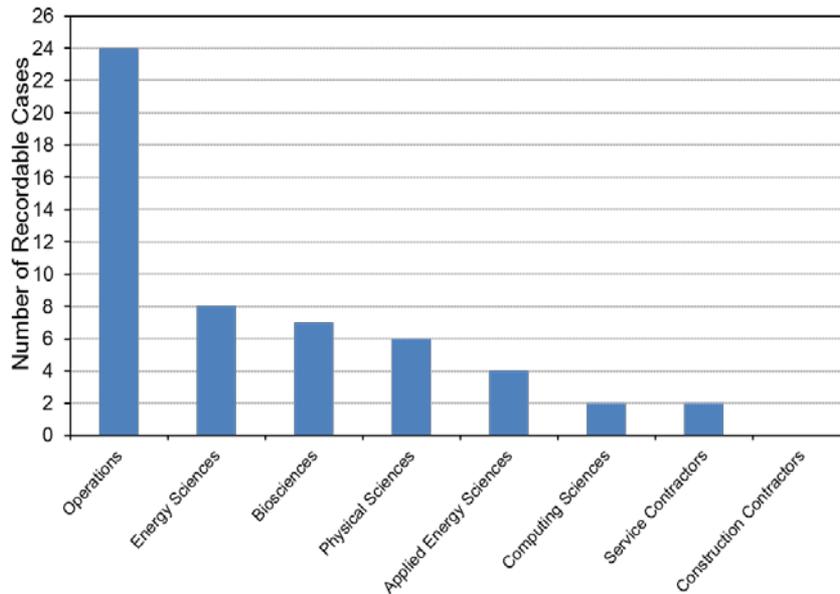
Recordable Cases by LBNL Major Organization  
FY 2015 To Date September 30, 2015



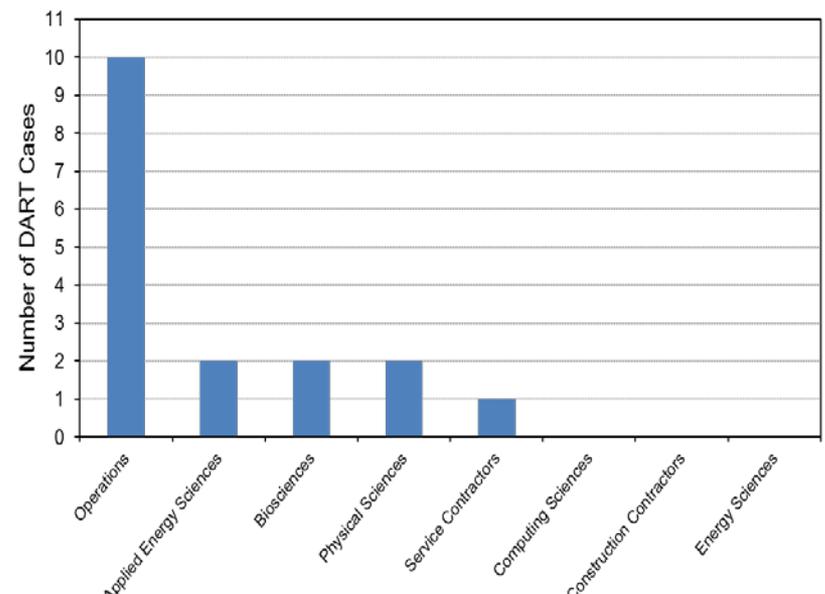
DART Cases by LBNL Major Organization  
FY 2015 To Date September 30, 2015



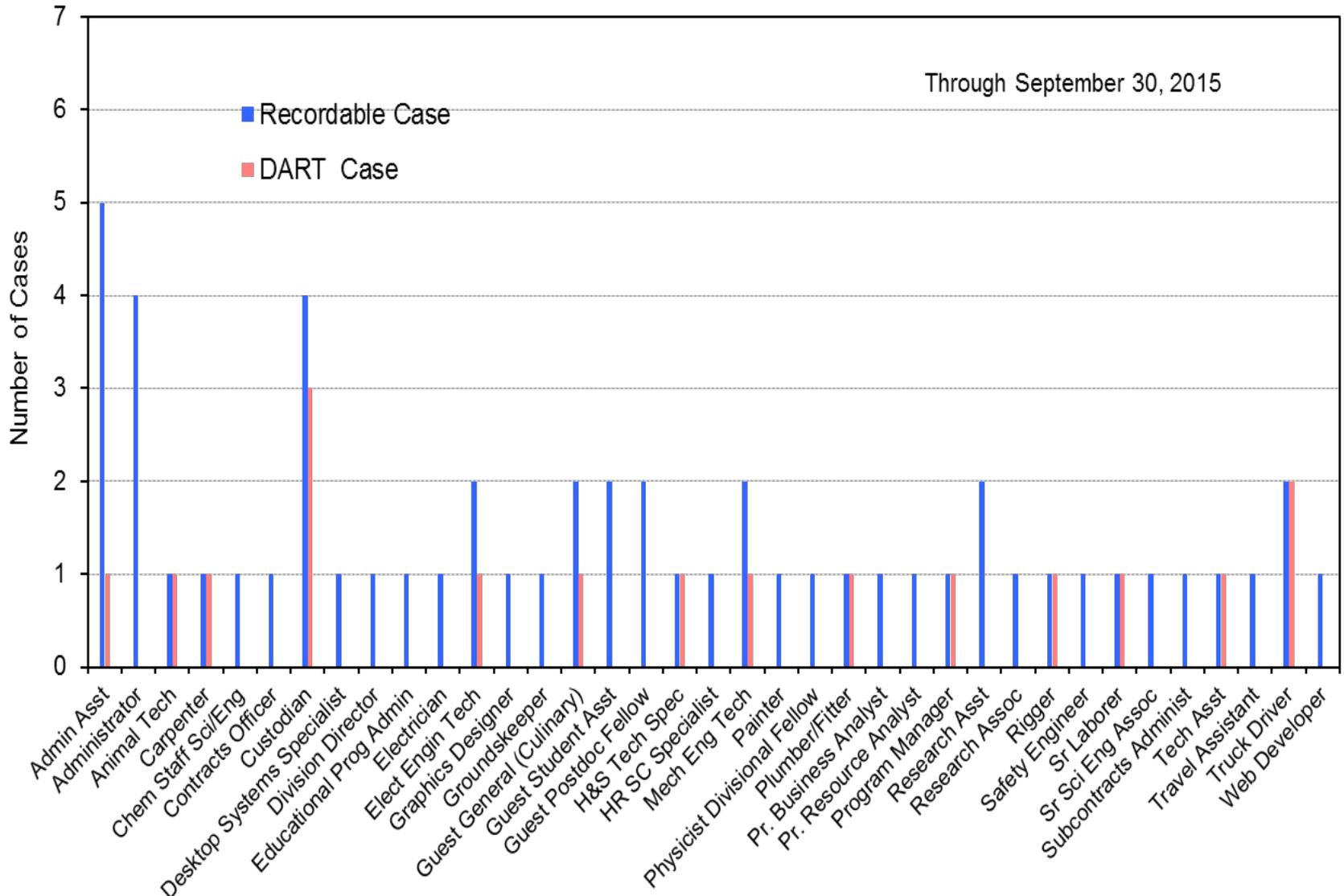
Recordable Cases by Associate Laboratory Directorate  
FY 2015 To Date September 30, 2015



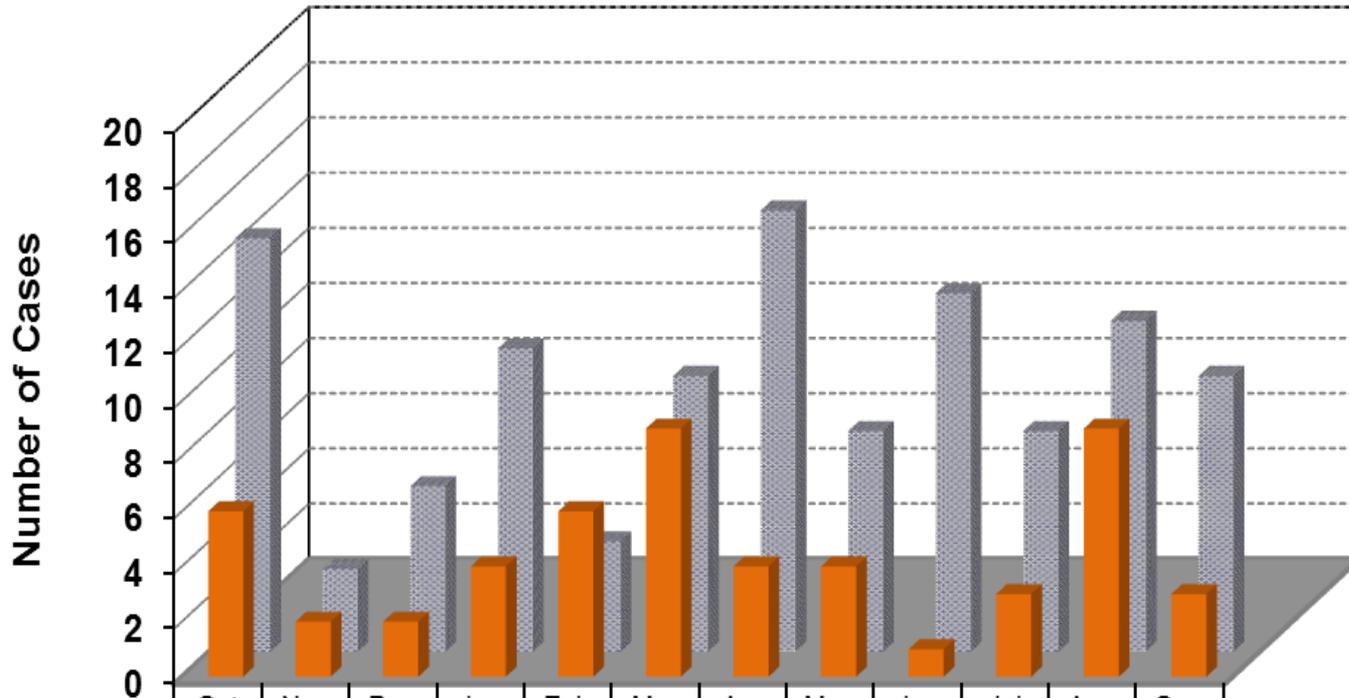
DART Cases by Associate Laboratory Directorate  
FY 2015 To September 30, 2015



# Recordable and DART Cases by Job Classification

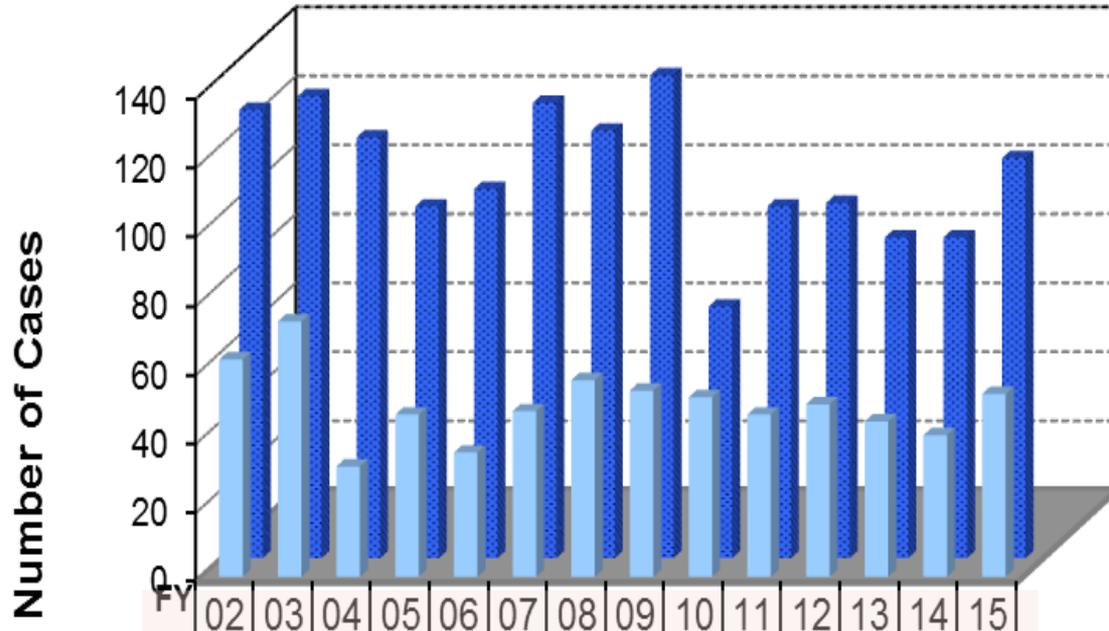


## FY2015 First Aid to Recordable Comparison by Month through September 30, 2015



■ REC	6	2	2	4	6	9	4	4	1	3	9	3
■ FA	15	3	6	11	4	10	16	8	13	8	12	10
FA to REC Ratio	2.5	1.5	3.0	2.8	0.7	1.1	4.0	2.0	13.0	2.7	1.3	3.3
% of Total as FA	71	60	75	73	40	53	80	67	93	73	57	77
% of Total as REC	29	40	25	27	60	47	20	33	7	27	43	23

## FY02 to FY2015 First Aid to Recordable Comparison by Year through September 30, 2015



■ REC	63	74	32	47	36	48	57	54	52	47	50	45	41	53
■ FA	130	134	122	102	107	132	124	140	73	102	103	93	93	116
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.6	1.4	2.2	2.0	2.0	2.2	2.1
% of Total as FA	67	64	79	68	75	73	69	72	58	68	67	67	69	69
% of Total as REC	33	36	21	32	25	27	31	28	42	32	33	33	31	31

# LBNL Total Recordable Cases October 1, 2014 - September 30, 2015 (FY15)

	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Total YTD
<b>LBNL Research</b>													
<b>Applied Energy Sciences</b>	0	0	0	0	1	1	0	1	0	0	1	0	4
Environmental Energy Tech.	0	0	0	0	1	1	0	1	0	0	1	0	4
<b>Biosciences</b>	2	0	0	0	1	1	1	0	0	1	0	1	7
Genomics	0	0	0	0	0	0	0	0	0	1	0	1	2
Life Sciences	1	0	0	0	1	1	1	0	0	0	0	0	4
Physical Biosciences	1	0	0	0	0	0	0	0	0	0	0	0	1
<b>Computing Sciences</b>	0	0	0	0	0	0	0	0	0	0	2	0	2
Division Office	0	0	0	0	0	0	0	0	0	0	1	0	1
Computational Research	0	0	0	0	0	0	0	0	0	0	1	0	1
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>Energy Sciences</b>	2	1	0	1	2	0	1	1	0	0	0	0	8
Advanced Light Source	1	0	0	0	0	0	0	1	0	0	0	0	2
Chemical Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Earth Sciences	1	1	0	0	1	0	0	0	0	0	0	0	3
Materials Sciences	0	0	0	1	1	0	1	0	0	0	0	0	3
<b>Physical Sciences</b>	0	1	0	0	0	2	1	0	1	0	1	0	6
ATAP	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	1	0	0	0	1	1	0	0	0	1	0	4
Nuclear Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics	0	0	0	0	0	1	0	0	1	0	0	0	2
<b>LBNL Research Sub-Total</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>27</b>
<b>LBNL Operations</b>													
CFO	0	0	0	0	0	1	1	1	0	0	0	0	3
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	2	0	2	0	1	1	0	0	0	1	4	2	13
Human Resources	0	0	0	1	0	0	0	0	0	0	1	0	2
Information Technology	0	0	0	1	0	0	0	0	0	0	0	0	1
Protective Services	0	0	0	0	0	1	0	0	0	0	0	0	1
Public Affairs	0	0	0	0	1	0	1	0	0	0	0	0	2
<b>LBNL Operations Sub-Total</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>2</b>	<b>24</b>
<b>LBNL Total</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>3</b>	<b>51</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	1	0	1	0	0	2
<b>Site Grand Total</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>8</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>9</b>	<b>3</b>	<b>53</b>
<i>Prior Year (FY14) Site Grand Total</i>	5	3	6	4	8	5	0	2	3	0	1	4	41
<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 9/30/15

Notes: Projections assume that hours worked will remain constant

# LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2014 - September 30, 2015 (FY15)

	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Total YTD
<b>LBNL Research</b>													
<b>Applied Energy Sciences</b>	0	0	0	0	0	0	0	1	0	0	1	0	2
Environmental Energy Tech.	0	0	0	0	0	0	0	1	0	0	1	0	2
<b>Biosciences</b>	0	0	0	0	1	0	1	0	0	0	0	0	2
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
Life Sciences	0	0	0	0	1	0	1	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	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
Computational Research	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>Energy Sciences</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0
<b>Physical Sciences</b>	0	0	0	0	0	1	0	0	0	0	1	0	2
ATAP	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	1	0	0	0	0	1	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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>
<b>LBNL Operations</b>													
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
EHS	0	0	0	0	0	1	0	0	0	0	0	0	1
Facilities	1	0	2	0	0	1	0	0	0	0	4	1	9
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
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>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>10</b>
<b>LBNL Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>16</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	1	0	0	0	0	1
<b>Site Grand Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>17</b>
<i>Prior Year (FY14) Site Grand Total</i>	3	2	4	2	5	2	0	1	2	0	1	1	23
<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 9/30/15

Notes: Projections assume that hours worked will remain constant



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