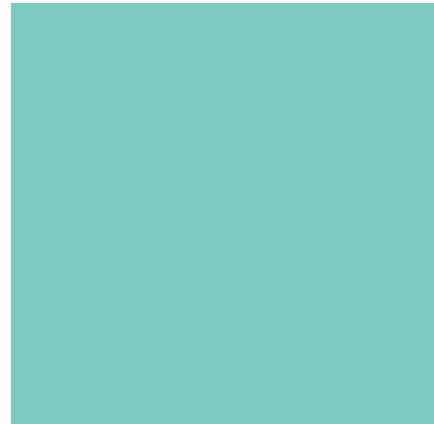




# Berkeley Lab Accident Statistics Through

## July 31, 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.**

**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 – July 2015

## Ergonomic – Computer Workstation

- **Multiple upper extremity discomfort**
  - A Travel Assistant reported to Health Services with pain in the fingers, hand, wrist and forearm associated with work at computer workstation.  
(Recordable)
- **Wrist strain**
  - A Guest Student Assistant developed pain in the wrist associated with intense computer mouse tasks over a period of about a week.

# Injury/Illness Cases – July 2015

## Ergonomic – Lab or Other Work Process

- **Thumb pain**
  - The Administrative Specialist reported thumb pain that may have been associated with computer use or some other repetitive non-computer tasks.
- **Shoulder strain**
  - A Technician reported shoulder pain associated with lifting and handling containers on a daily basis.

# Injury/Illness Cases – July 2015

## Trauma

- **Insect bite**

- A Painter was treated for a minor infection at the site of a recent insect bite that occurred while preparing to paint an area inside a building. (Recordable)

- **Chemical contact**

- A few drops of lithium hexafluorophosphate solution contacted the skin on a Student Assistant's exposed wrist between the end of the nitrile glove and lab coat cuff end.

- **Low back pain**

- A Fire Prevention Specialist reported to the clinic with low back pain after riding in an electric Gem vehicle on site.

# Injury/Illness Cases – July 2015

## Trauma

- **Finger avulsion**

- A temporary agency fill-in Culinary Worker sliced the tip of the ring finger while chopping vegetables. (Recordable)

- **Lacerations on foot**

- A Student Assistant received minor cuts to the foot while staying in lodging provided by employer. The employee stepped on some glass fragments after the bathroom shower door broke.

- **Cryogen burn**

- A Guest Student Assistant noted some redness and discomfort on thumb after holding a container that had been immersed in liquid nitrogen. The employee was wearing gloves.

# Injury/Illness Cases – July 2015

## Trauma

- **Puncture wound**

- A Guest GSRA punctured the pad of middle finger while recapping a needle after transfer of biological specimen. In response to the incident, this lab has established protocol that eliminates the recapping step.

- **Back muscle spasm**

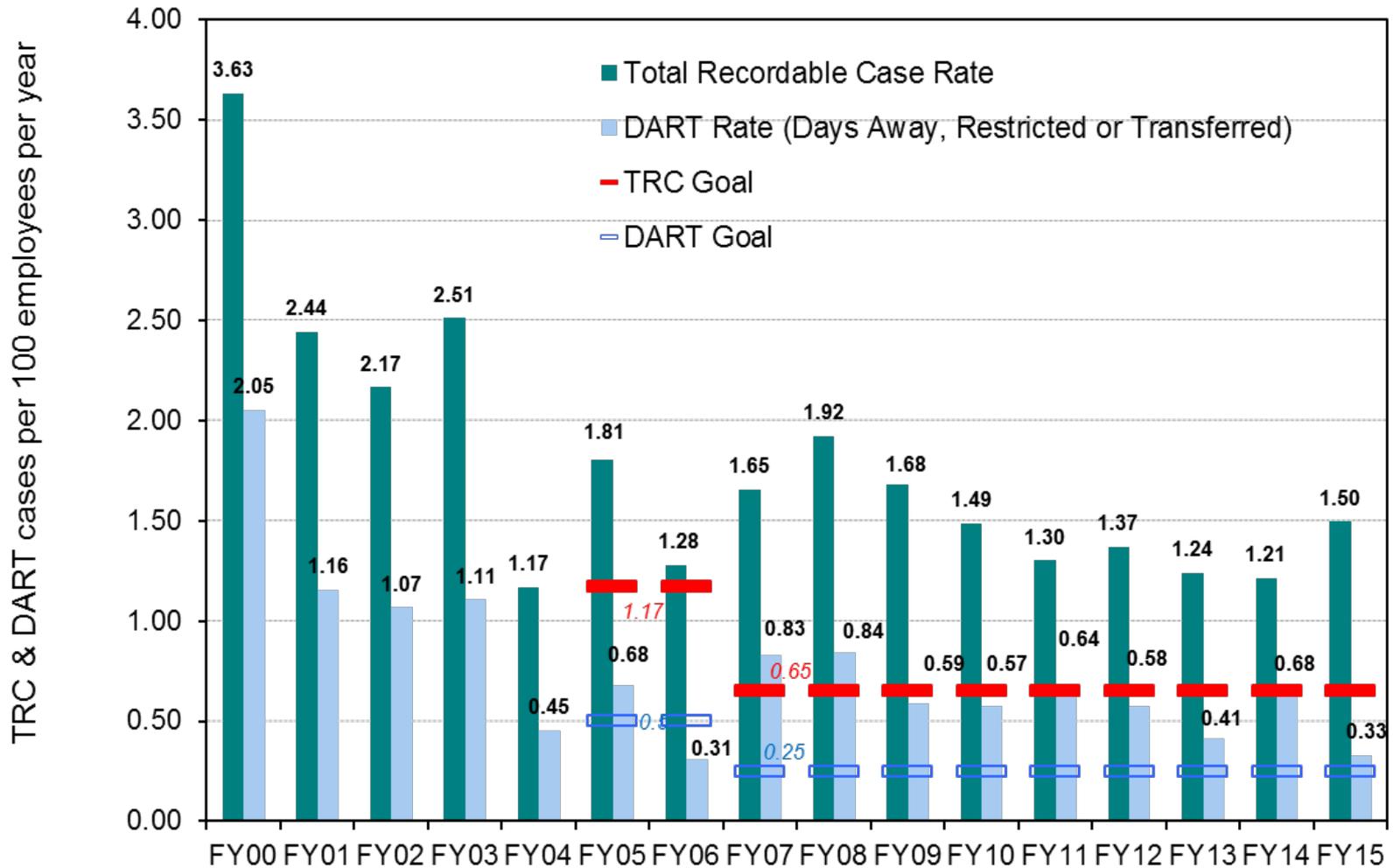
- A Human Resources Partner reported pain in the mid back region that was triggered while walking on a sloped walkway surface close to the LBNL cafeteria.

- **Ankle strain**

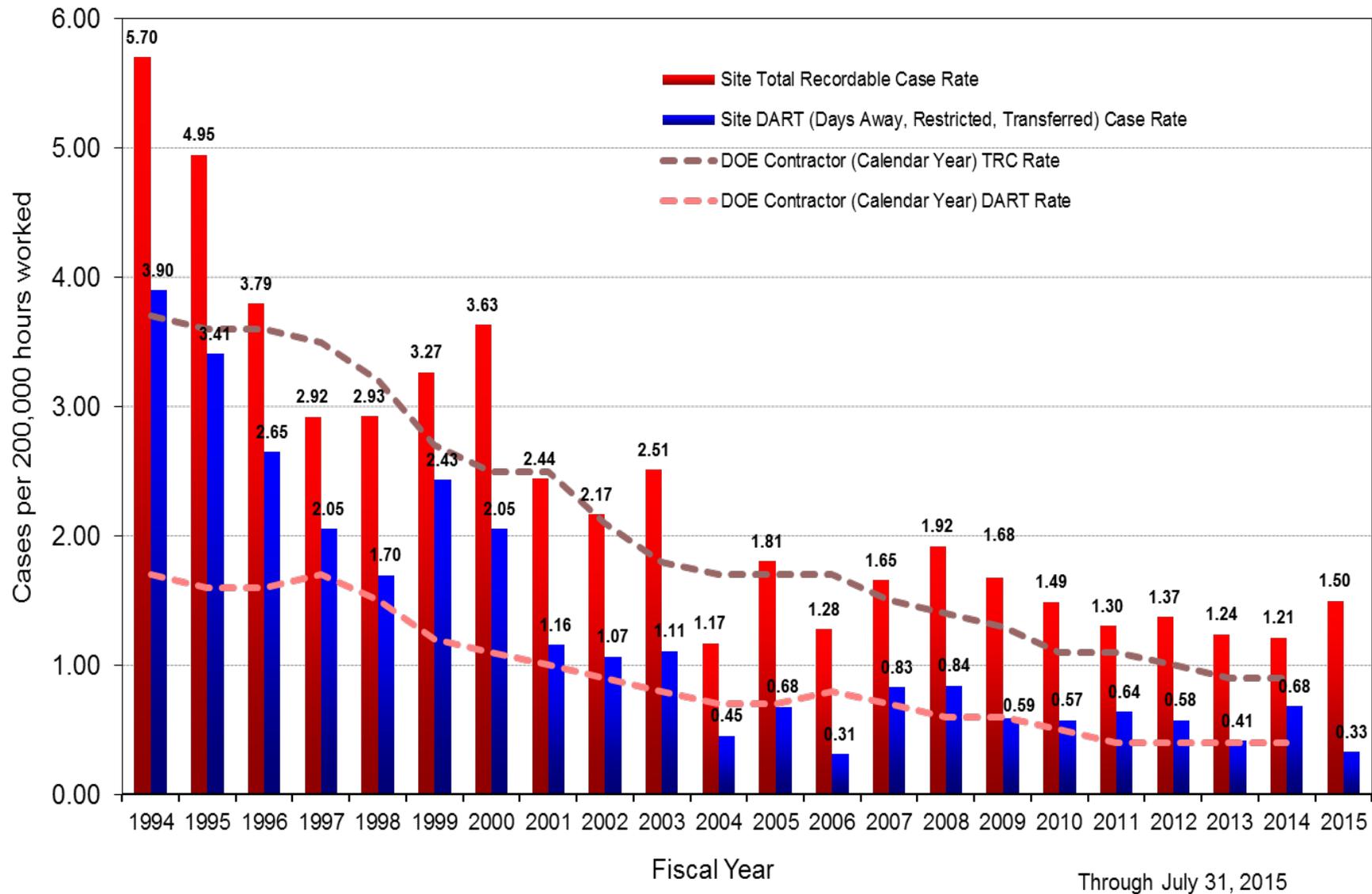
- A Senior Administrator rolled an ankle while exiting the employee's own office doorway into the building hallway.

# Berkeley Lab Site-Wide TRC & DART Rates

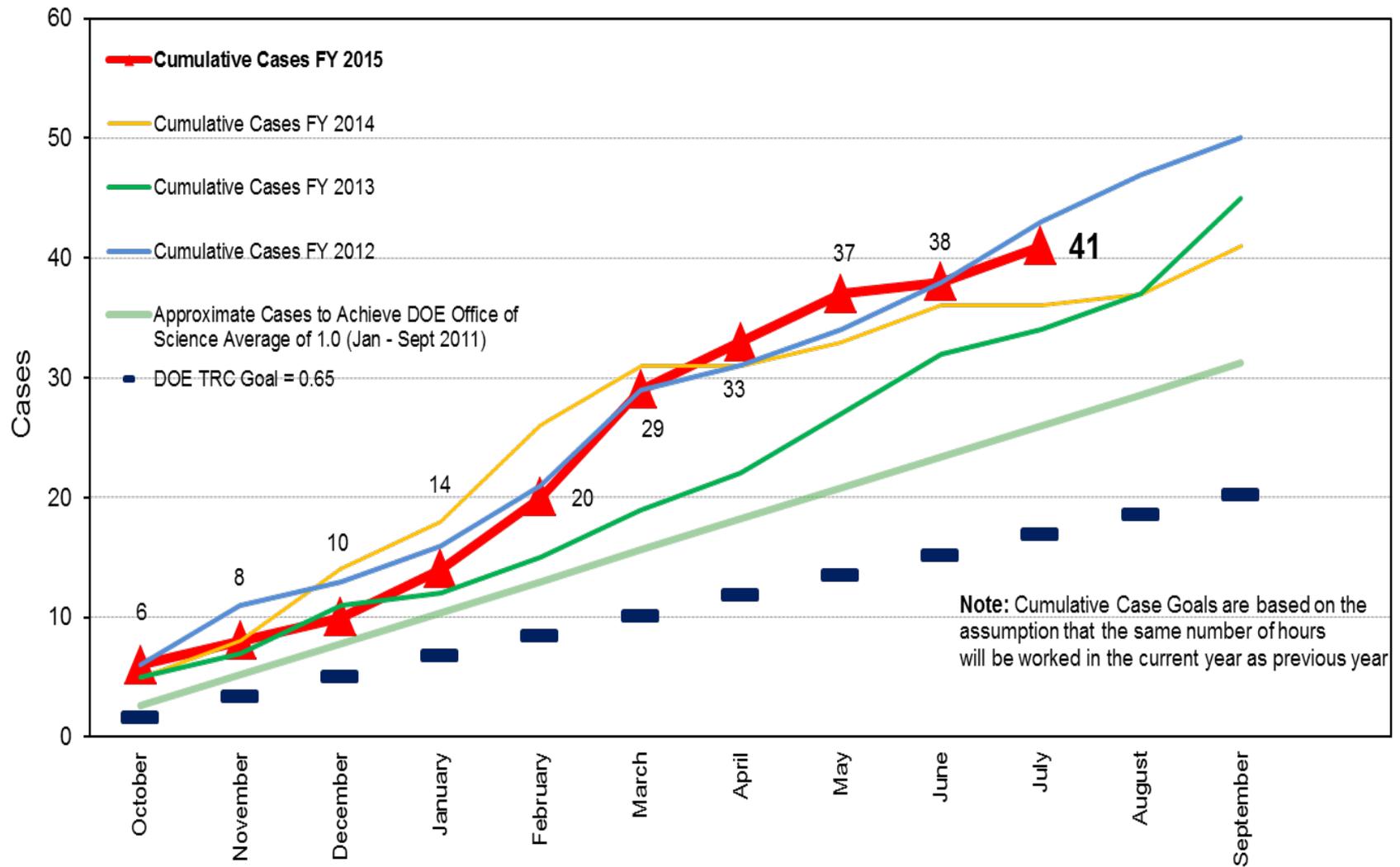
(Includes all Construction and Service Contractors)  
Through July 31, 2015



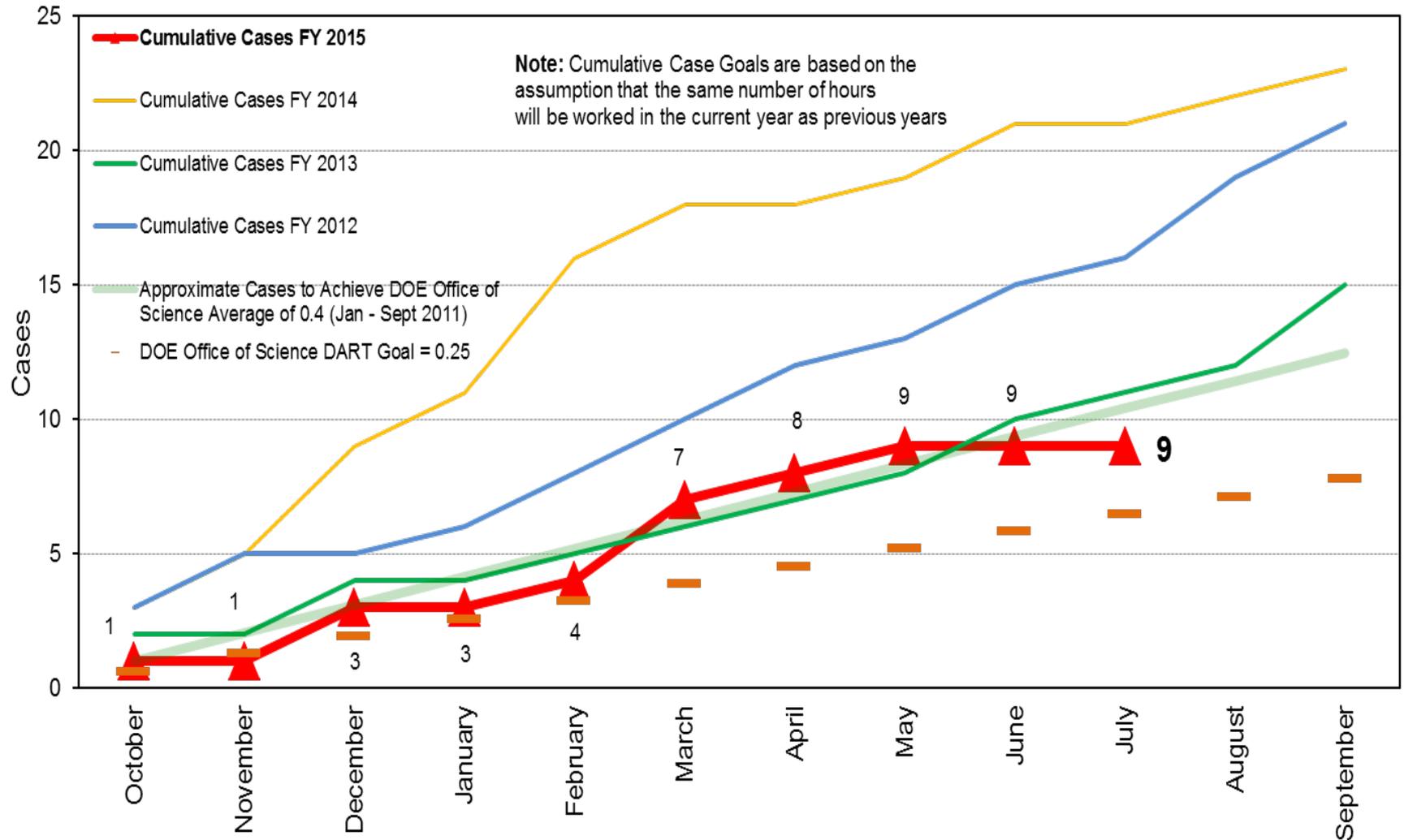
# Berkeley Lab Site Accident Rates



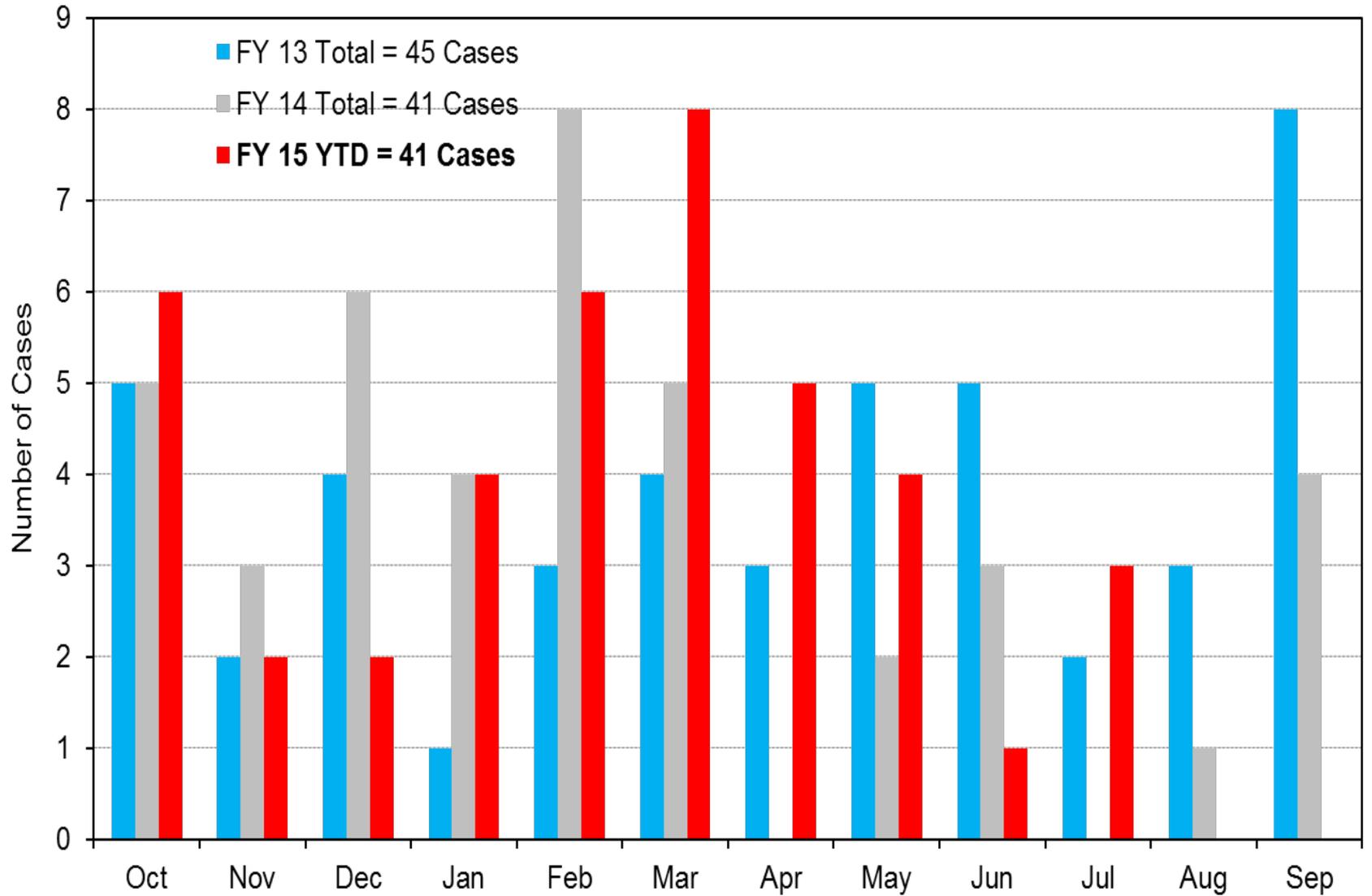
## Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



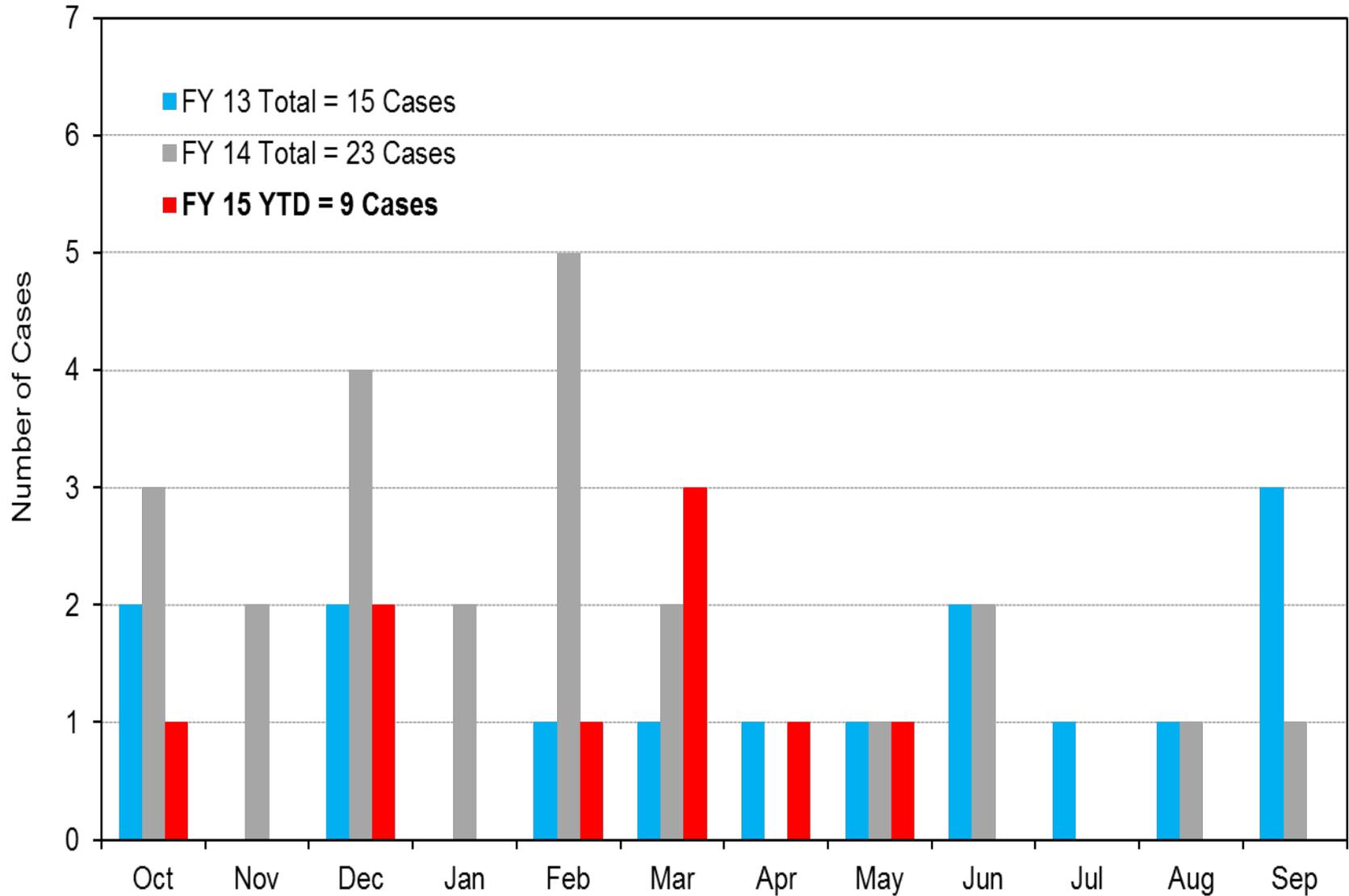
## Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

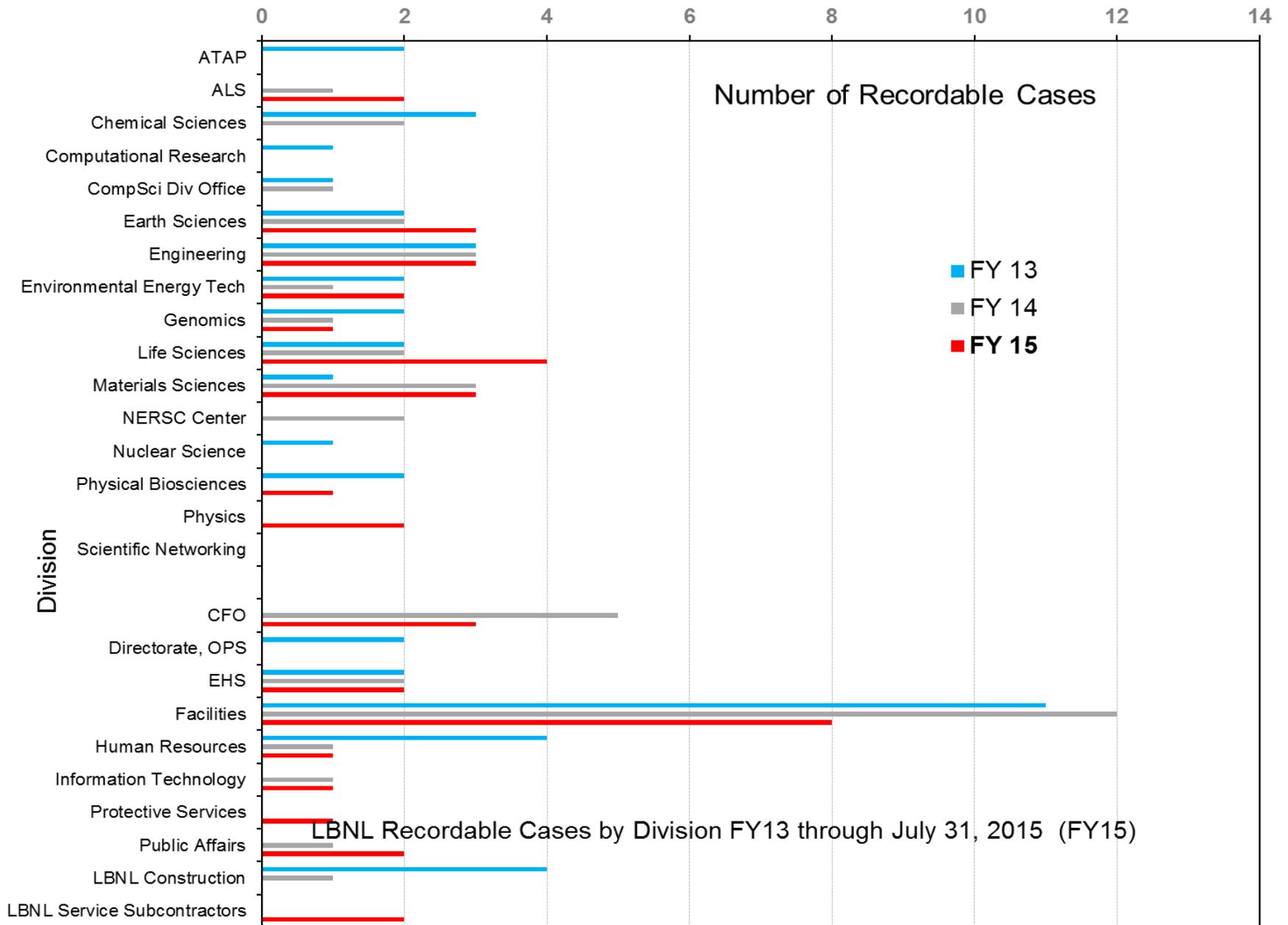


# LBNL Recordable Cases FY13 through July 31, 2015 (FY15)

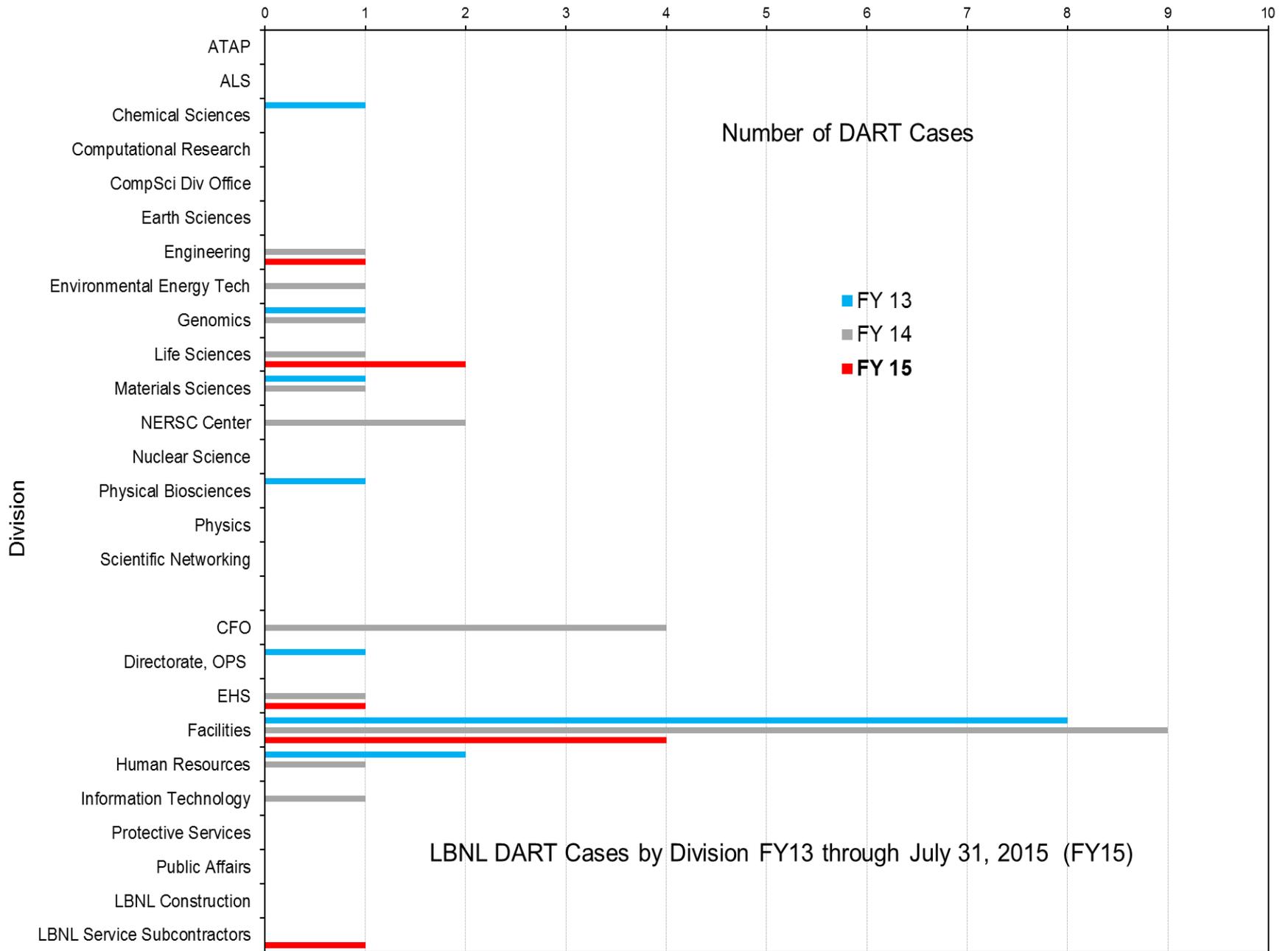


# LBNL DART Cases FY13 through July 31, 2015 (FY15)



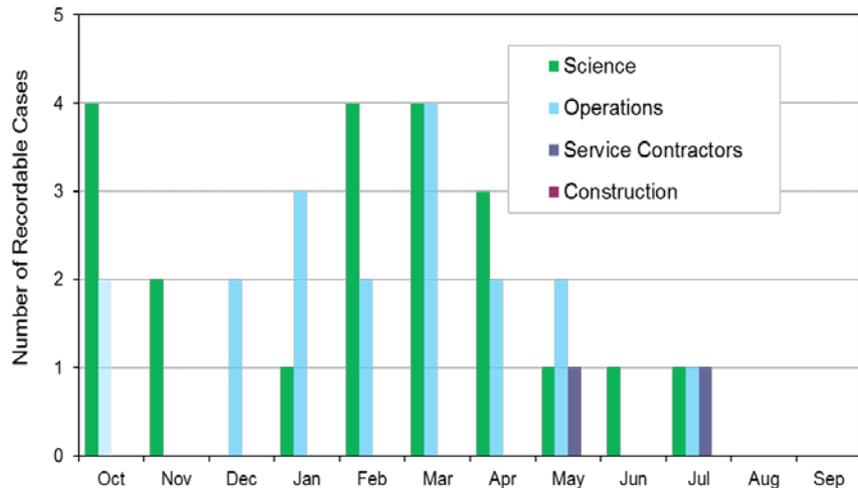


LBNL Recordable Cases by Division FY13 through July 31, 2015 (FY15)

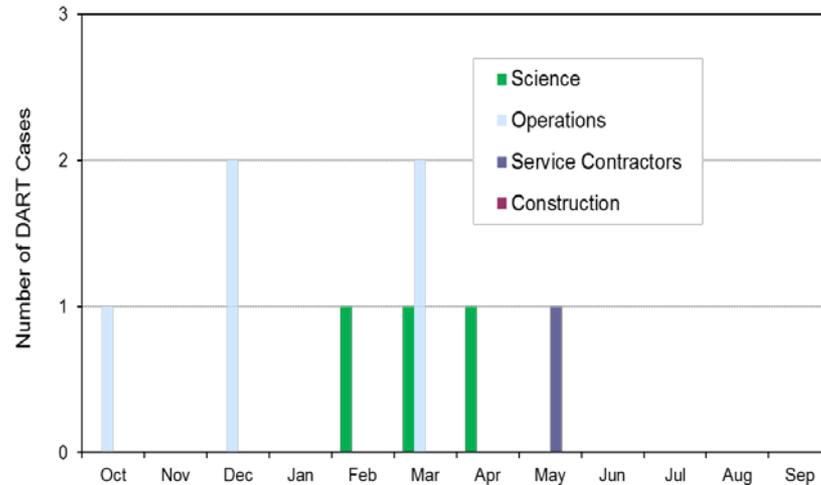


LBNL DART Cases by Division FY13 through July 31, 2015 (FY15)

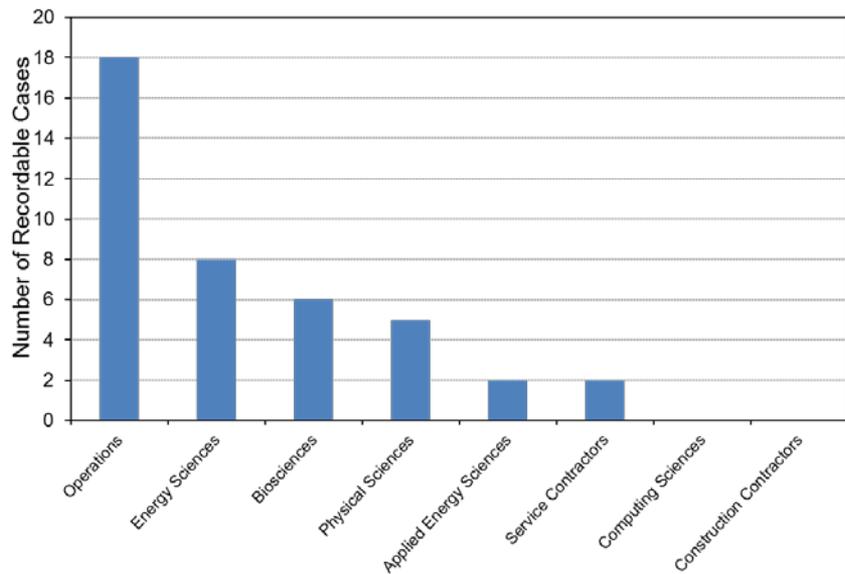
Recordable Cases by LBNL Major Organization  
FY 2015 To Date July 31, 2015



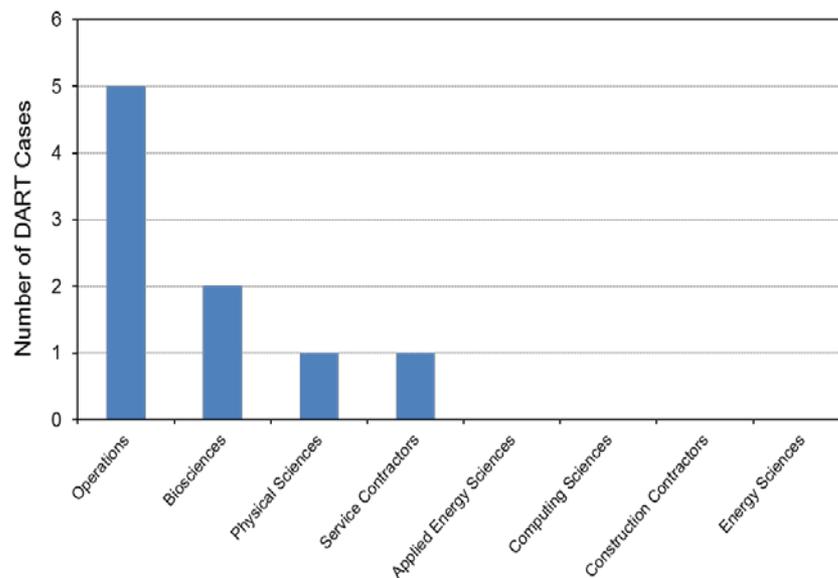
DART Cases by LBNL Major Organization  
FY 2015 To Date July 31, 2015



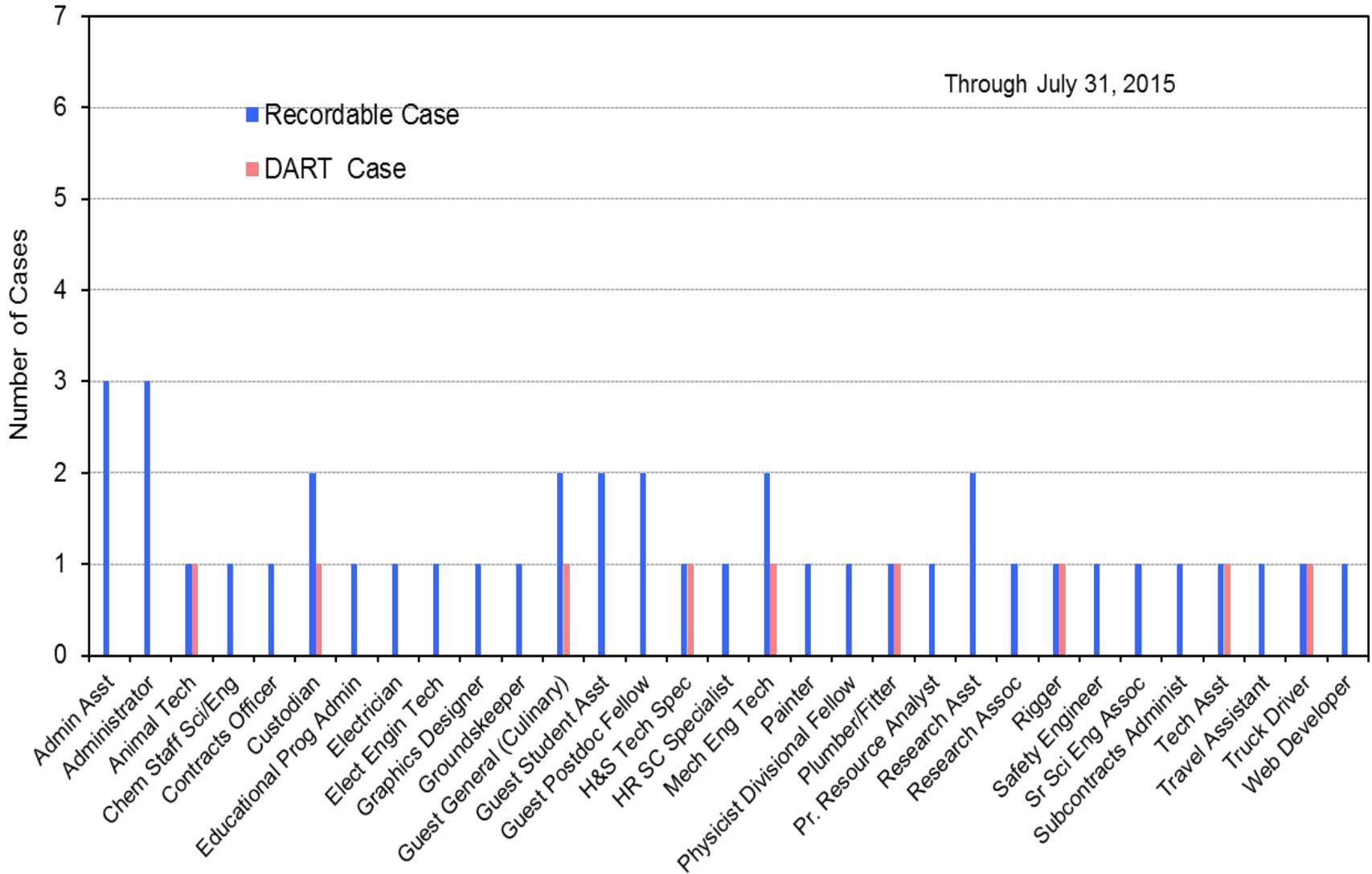
Recordable Cases by Associate Laboratory Directorate  
FY 2015 To Date July 31, 2015



DART Cases by Associate Laboratory Directorate  
FY 2015 To Date July 31, 2015

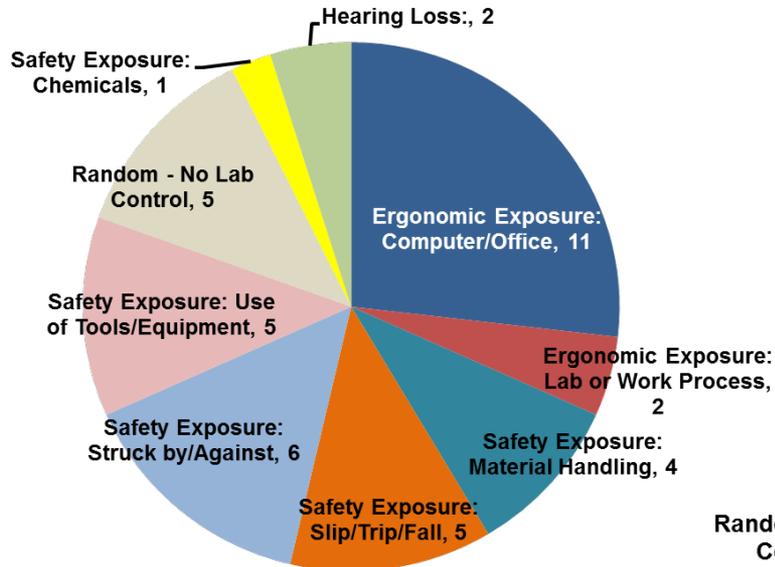


## Recordable and DART Cases by Job Classification

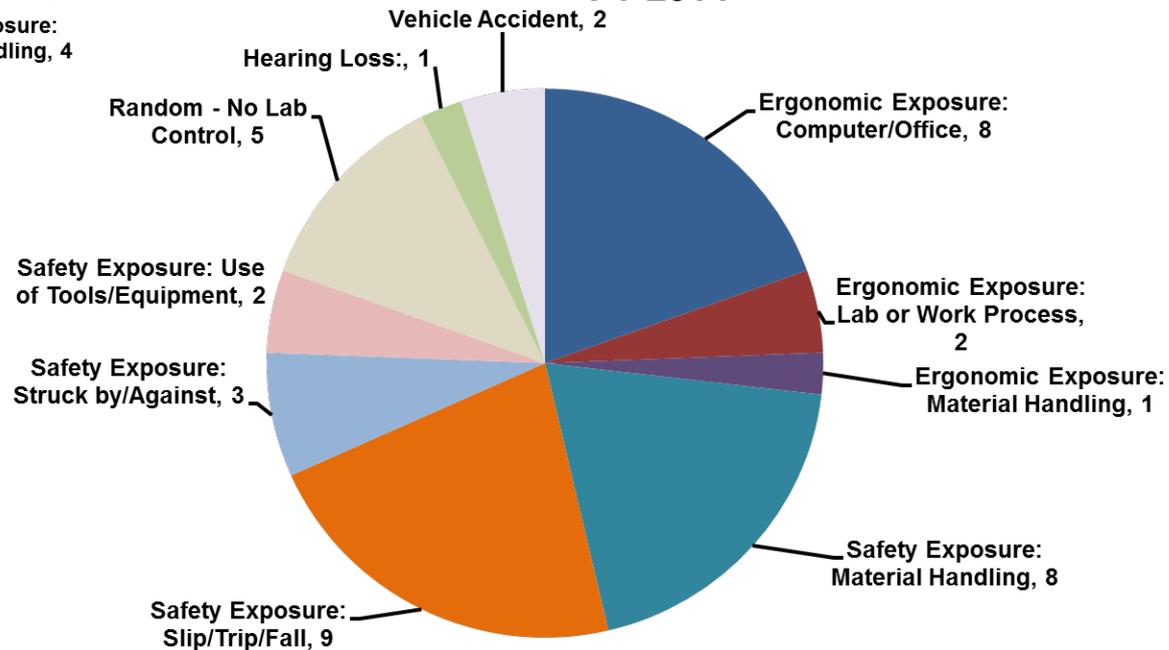


# Recordable Injury Categories and Causes

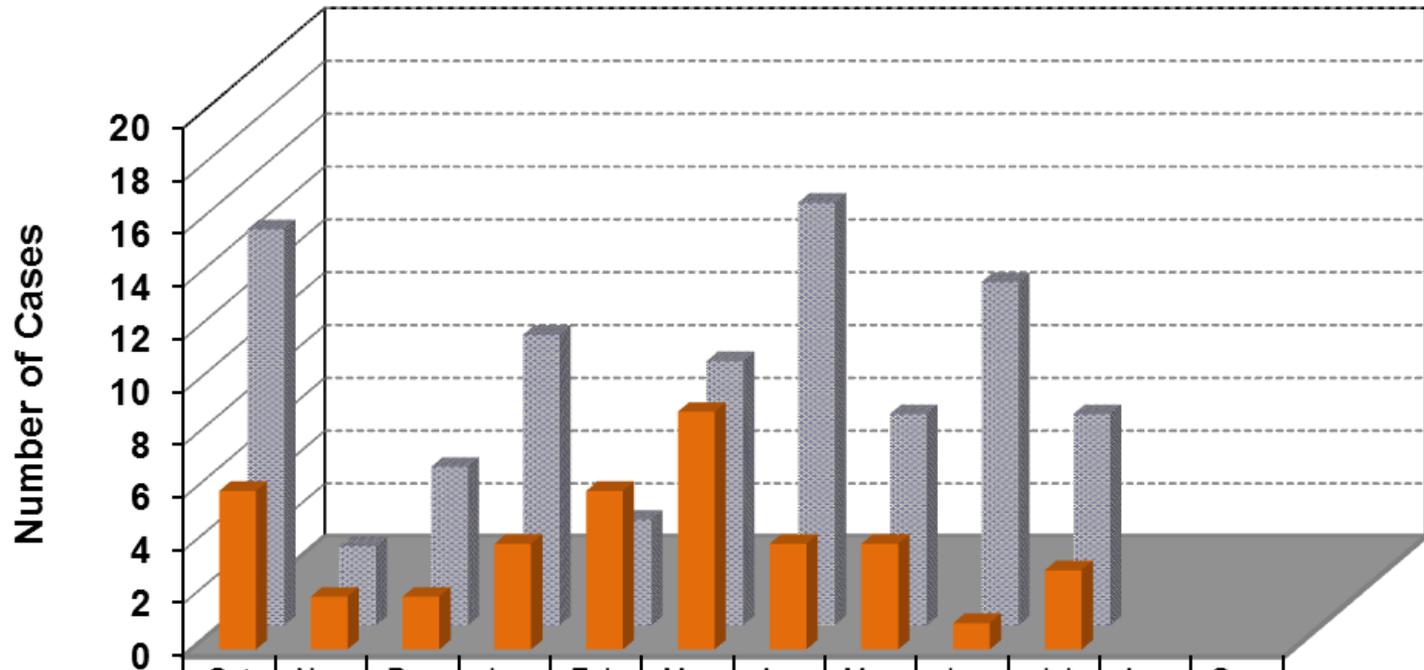
FY 2015 through July 31, 2015



FY 2014

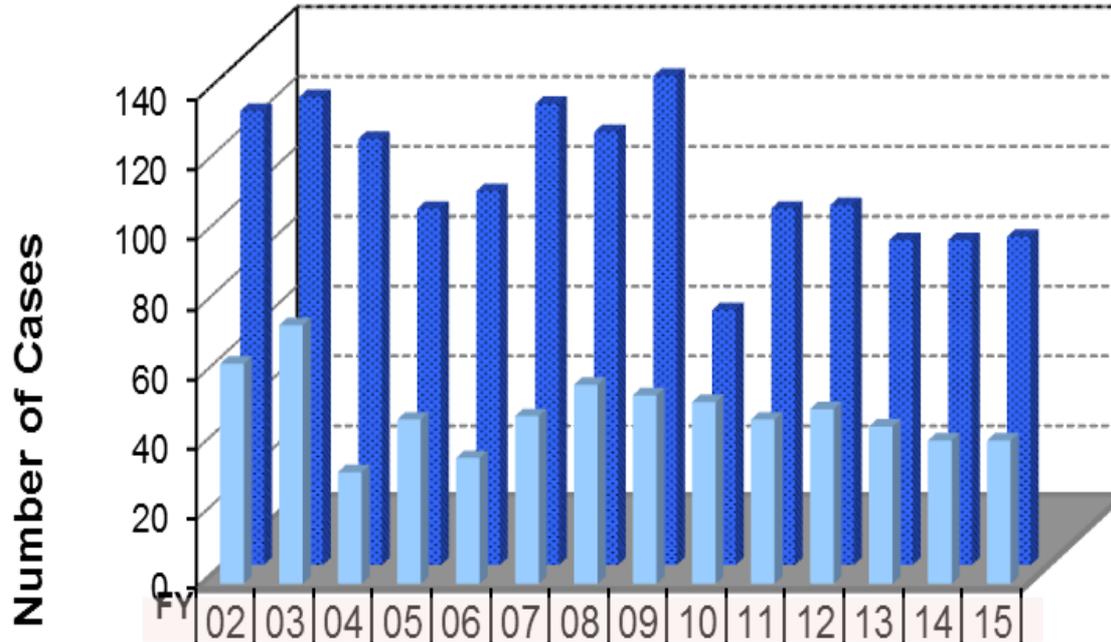


## FY2015 First Aid to Recordable Comparison by Month through July 31, 2015



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	6	2	2	4	6	9	4	4	1	3		
■ FA	15	3	6	11	4	10	16	8	13	8		
FA to REC Ratio	2.5	1.5	3.0	2.8	0.7	1.1	4.0	2.0	13.0	2.7	0.0	0.0
% of Total as FA	71	60	75	73	40	53	80	67	93	73	0	0
% of Total as REC	29	40	25	27	60	47	20	33	7	27	0	0

## FY02 to FY2015 First Aid to Recordable Comparison by Year through July 31, 2015



REC	63	74	32	47	36	48	57	54	52	47	50	45	41	41
FA	130	134	122	102	107	132	124	140	73	102	103	93	93	94
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	2.2
% of Total as FA	67	64	79	68	75	73	69	72	58	68	67	67	69	70
% of Total as REC	33	36	21	32	25	27	31	28	42	32	33	33	31	30

# 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	0	0	0	0	0	2
Environmental Energy Tech.	0	0	0	0	1	1	0	0	0	0	0	0	2
<b>Biosciences</b>	2	0	0	0	1	1	1	0	0	1	0	0	6
Genomics	0	0	0	0	0	0	0	0	0	1	0	0	1
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	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>	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	0	0	5
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	0	0	3
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>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>21</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	1	0	1	0	0	8
Human Resources	0	0	0	1	0	0	0	0	0	0	0	0	1
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>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>18</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>0</b>	<b>0</b>	<b>39</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>0</b>	<b>0</b>	<b>41</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 7/31/15

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	0	0	0	0	0	0
Environmental Energy Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0
<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	0	0	1
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	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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</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	0	0	4
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>0</b>	<b>0</b>	<b>5</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</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>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</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 7/31/15

Notes: Projections assume that hours worked will remain constant



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