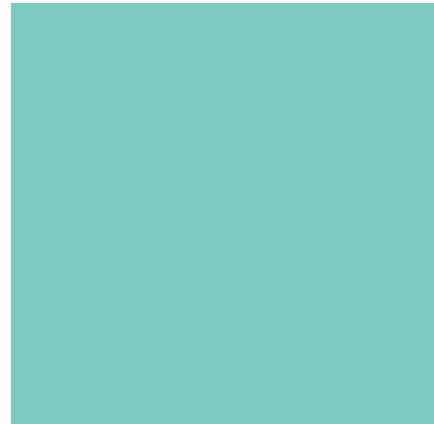




Berkeley Lab Accident Statistics Through

April 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.

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

Injury/Illness Cases – April 2015

Ergonomic – Lab or other work process

- **Wrist pain**
 - A Laboratory Technician experienced wrist discomfort and pain associated with the repetitive handling, cleaning, and processing of experimental support equipment. (DART)
- **Arm discomfort below elbow**
 - An Electrician reported arm pain after performing routine tasks and job duties.

Injury/Illness Cases – April 2015

Chemical Related

- **Rash on forearm above wrist**
 - A Guest Postdoctoral Fellow reported developing a rash on wrist after wearing a shared lab coat for about 3 hours. The employee was not working with chemicals during this time.
- **Possible chemical contact on finger**
 - A Chemist Postdoctoral Fellow reported possible contact through glove with small amount of ammonium fluoride methanol solution.

Random

- **Upper back pain**
 - A subcontractor employee (security) reported pain in the upper back after attempting to close driver side vehicle door after wind blew it open.

Injury/Illness Cases – April 2015

Laceration

- **Thumb and finger laceration**

- A Guest Graduate Student Research Assistant received lacerations on thumb on one hand and a finger on the other when a reflux condenser and round bottom flask assembly broke while attempting to separate the ground glass joint between the two units. (Recordable)

- **Thumb laceration**

- An Electronics Engineering Technologist cut a thumb while opening a can of soup.

- **Superficial laceration on forehead**

- A Guest Scientist was struck by a piece of a liquid nitrogen dewar / cold trap that shattered while the employee was working with it in a chemical fume hood. The employee was wearing goggles, lab coat and gloves at the time of incident.

Injury/Illness Cases – April 2015

Slip Trip Fall

- **Contusions on upper arm**
 - A Senior Plant/Facilities Engineering Associate tripped on a pallet in an equipment laydown area at the CRT construction site. The employee fell to the floor and struck the elbow and upper arm.
- **Contusions and abrasions of face and knees, laceration of lip**
 - A Principle Subcontracts Administrator tripped over a speed bump in the parking structure at an offsite facility.
- **Ankle sprain**
 - A Guest Postdoctoral Fellow suffered a sprained ankle while walking along the roadside designated walkway from the Building 74 shuttle stop toward the Strawberry Gate. The employee's foot landed on material that had fallen from the adjacent trees which caused the ankle to roll leading to the sprain. (Recordable)

Injury/Illness Cases – April 2015

Trauma

- **Contusion on head**
 - A Custodian's head struck against a cast iron pipe while crouched down to vacuum dust and debris between some partitions.
- **Avulsion on forearm**
 - While carrying an armload of material, a Custodian used an arm to push against a closing door to allow passing through the doorway. Something sharp or jagged on the door caught the employee's arm causing the injury.
- **Minor abrasion**
 - A Mechanical Engineering Technical Superintendent was wiping a metal plate. A small metal burr caught the employee's finger.

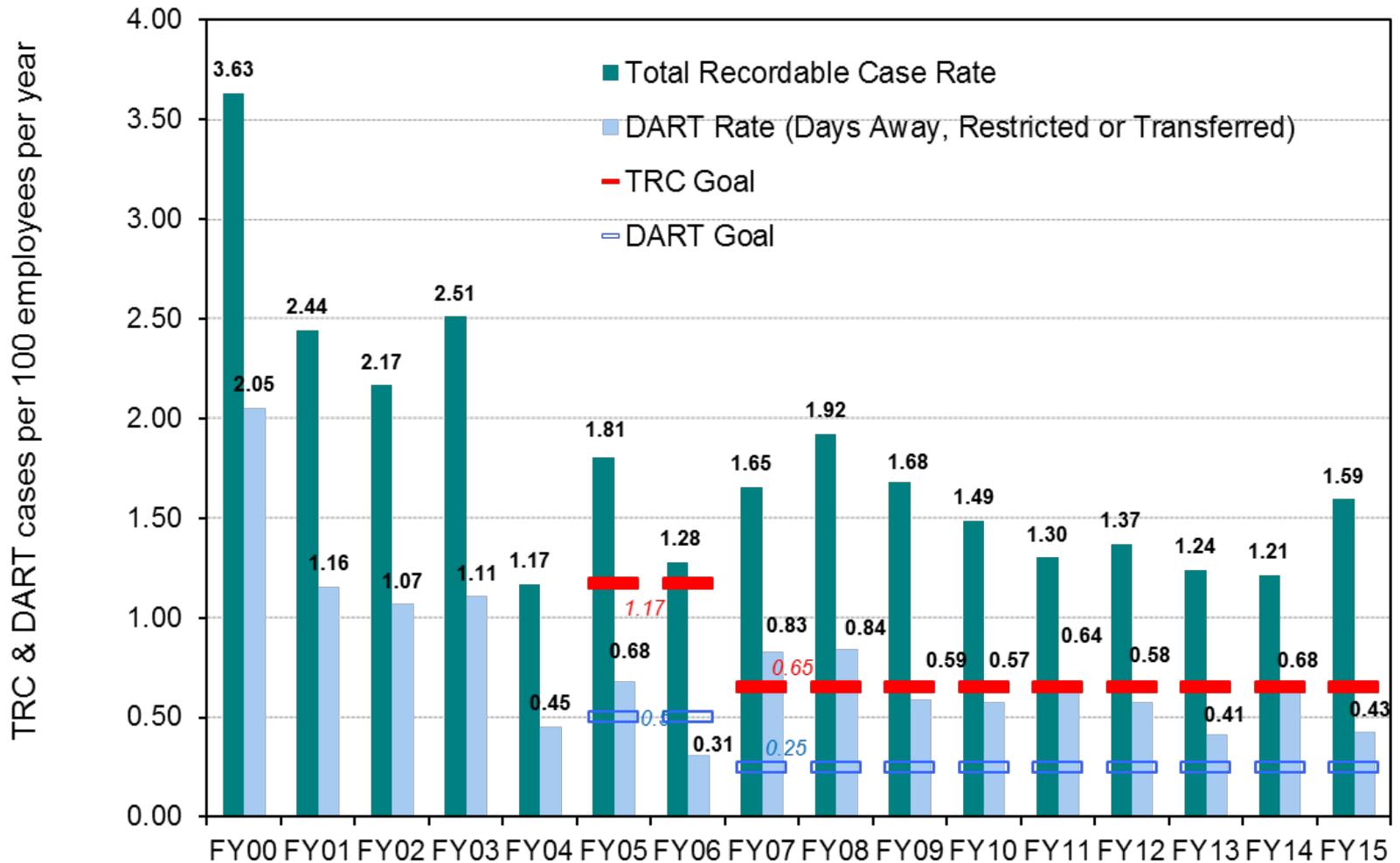
Injury/Illness Cases – April 2015

Trauma

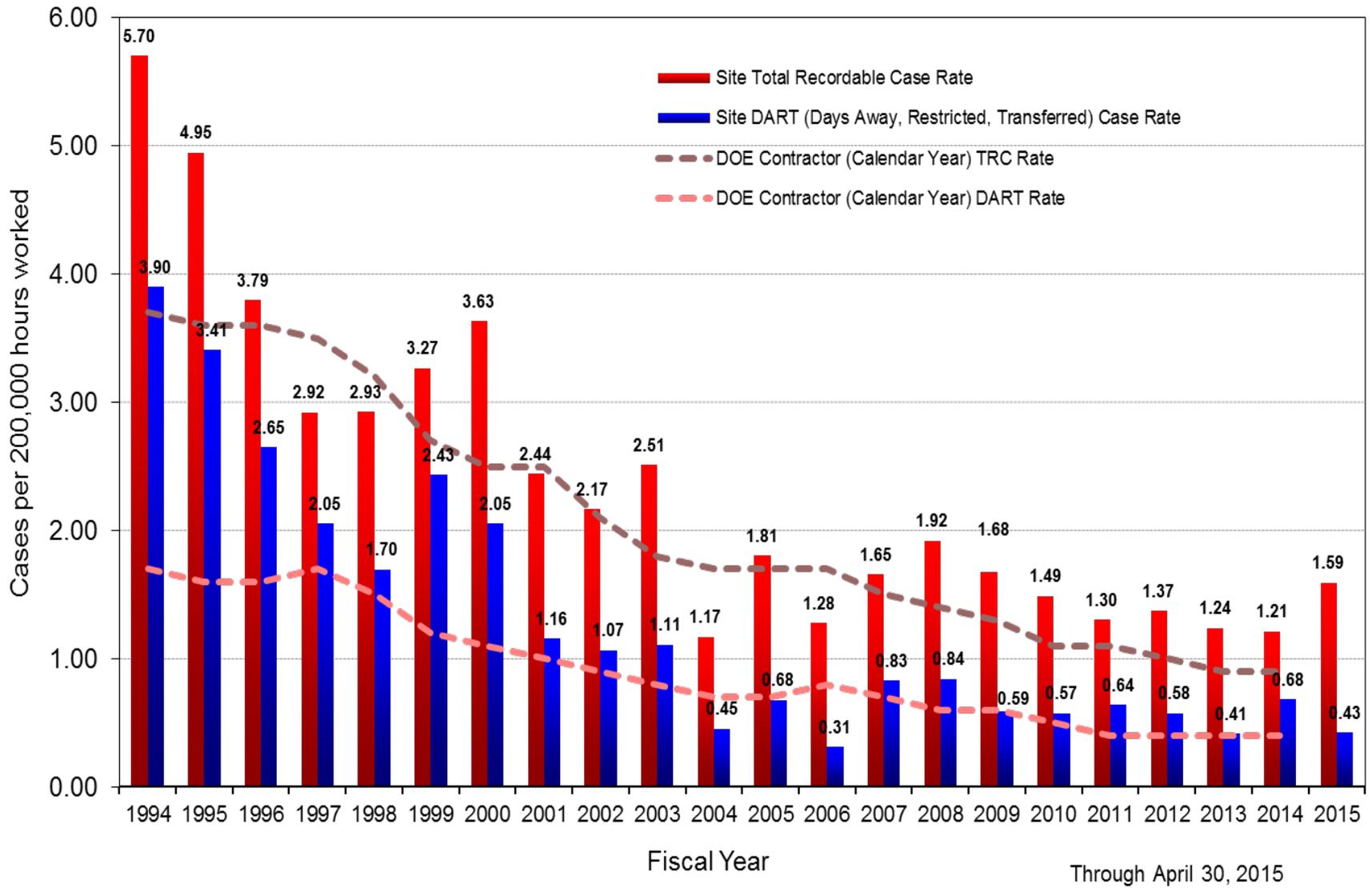
- **Contusion on finger**
 - An employee with the Lab's moving subcontractor was working with a team to move and position a laser table weighing approximately 400 lbs. When one of the team lost partial support of the table, the employee's finger was momentarily caught under part of the weight of the table.
- **Thermal burn of left forearm**
 - An Educational Program Administrator was handling a copper bar that had been heated on a hot plate. During the process, the hot bar contacted and burned an area on the employee's forearm. (Recordable)

Berkeley Lab Site-Wide TRC & DART Rates

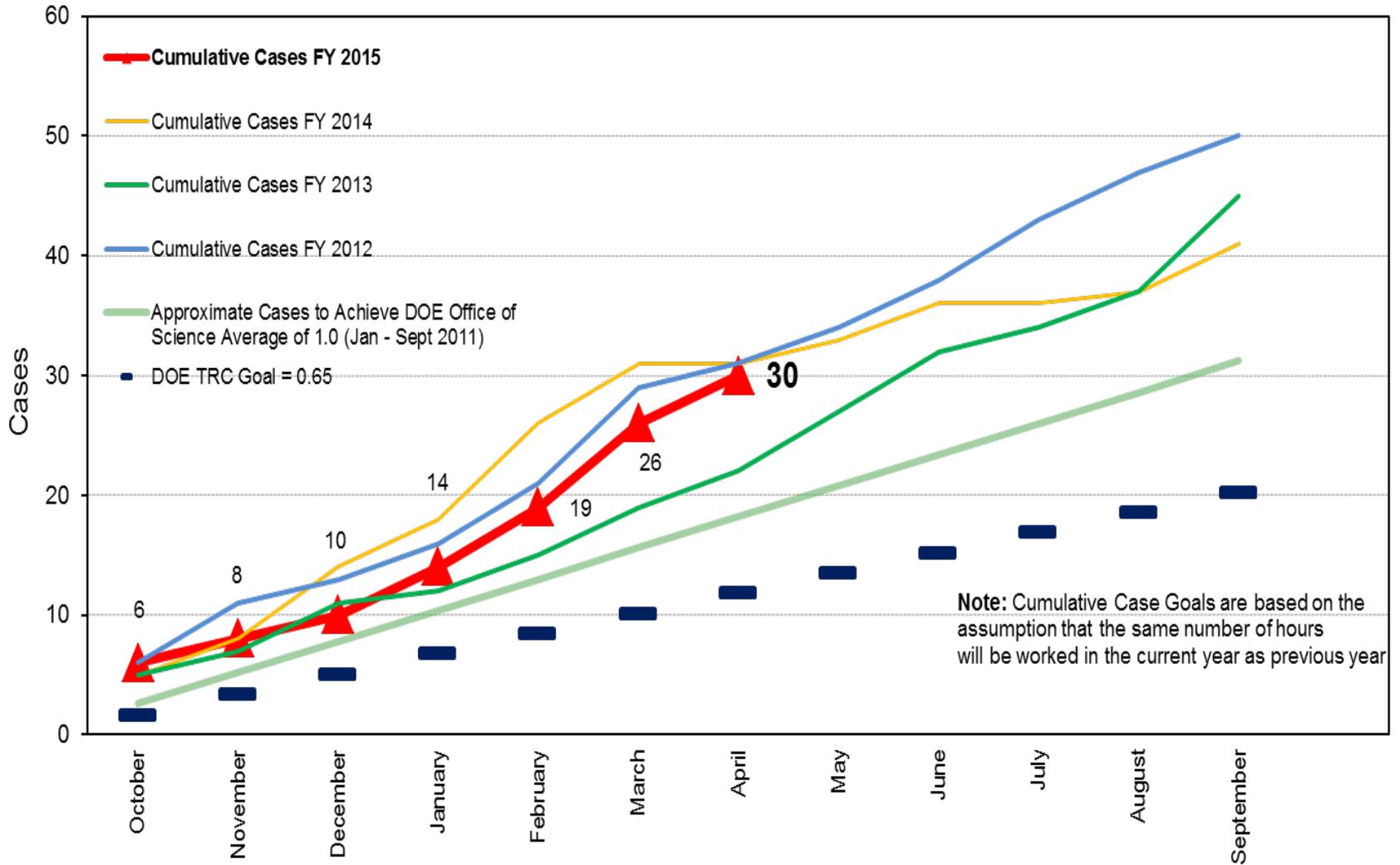
(Includes all Construction and Service Contractors)
Through April 30, 2015



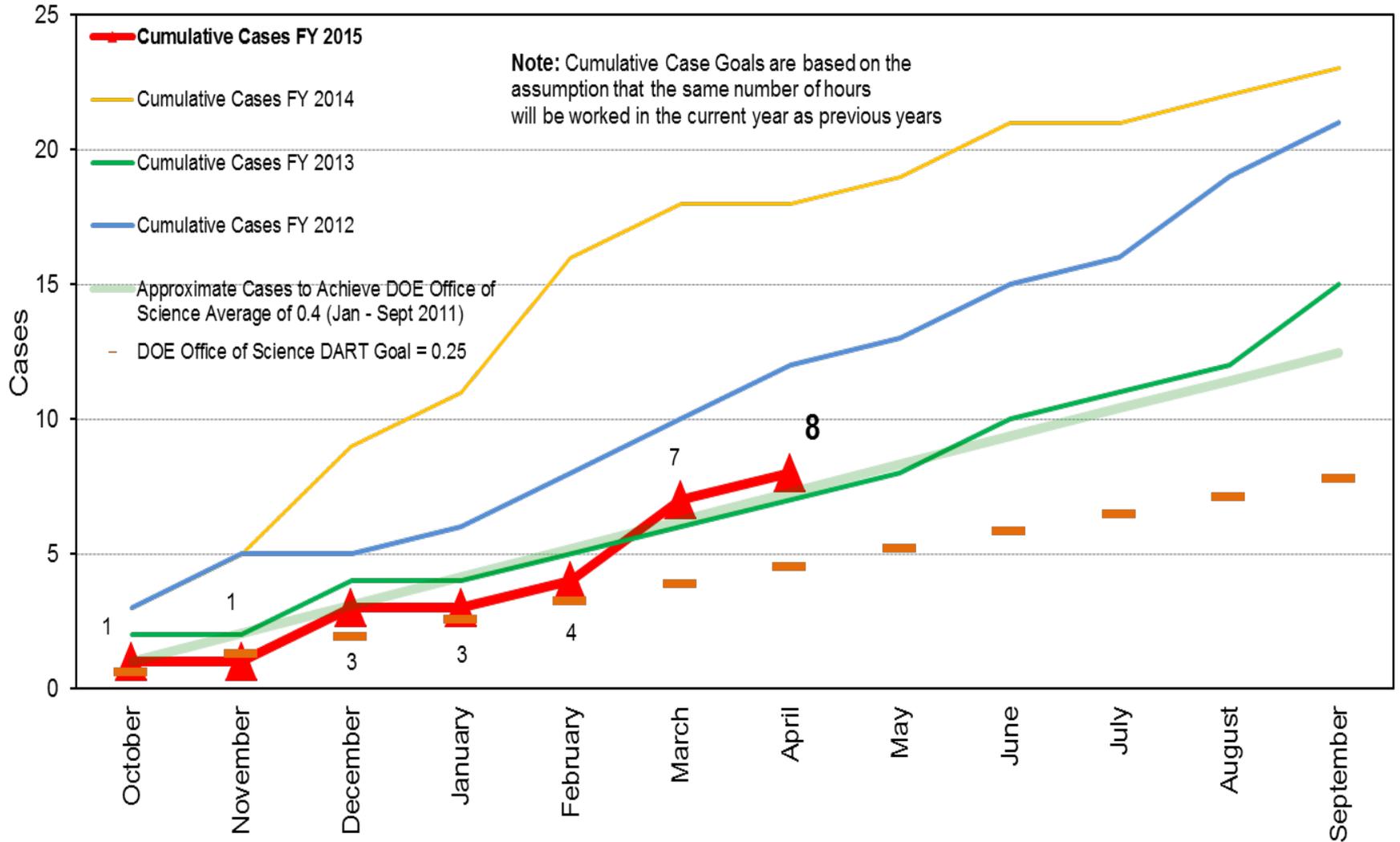
Berkeley Lab Site Accident Rates



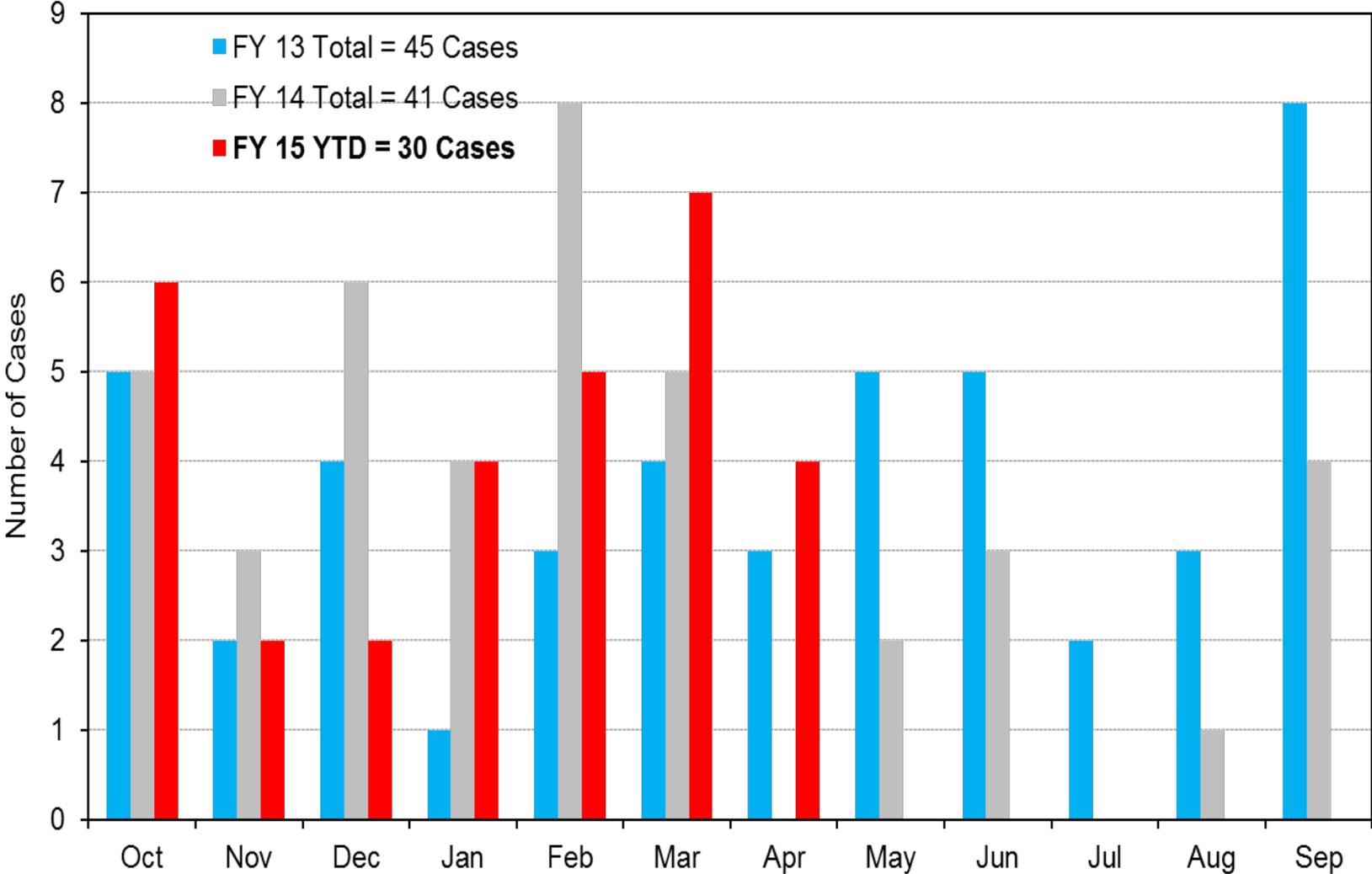
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



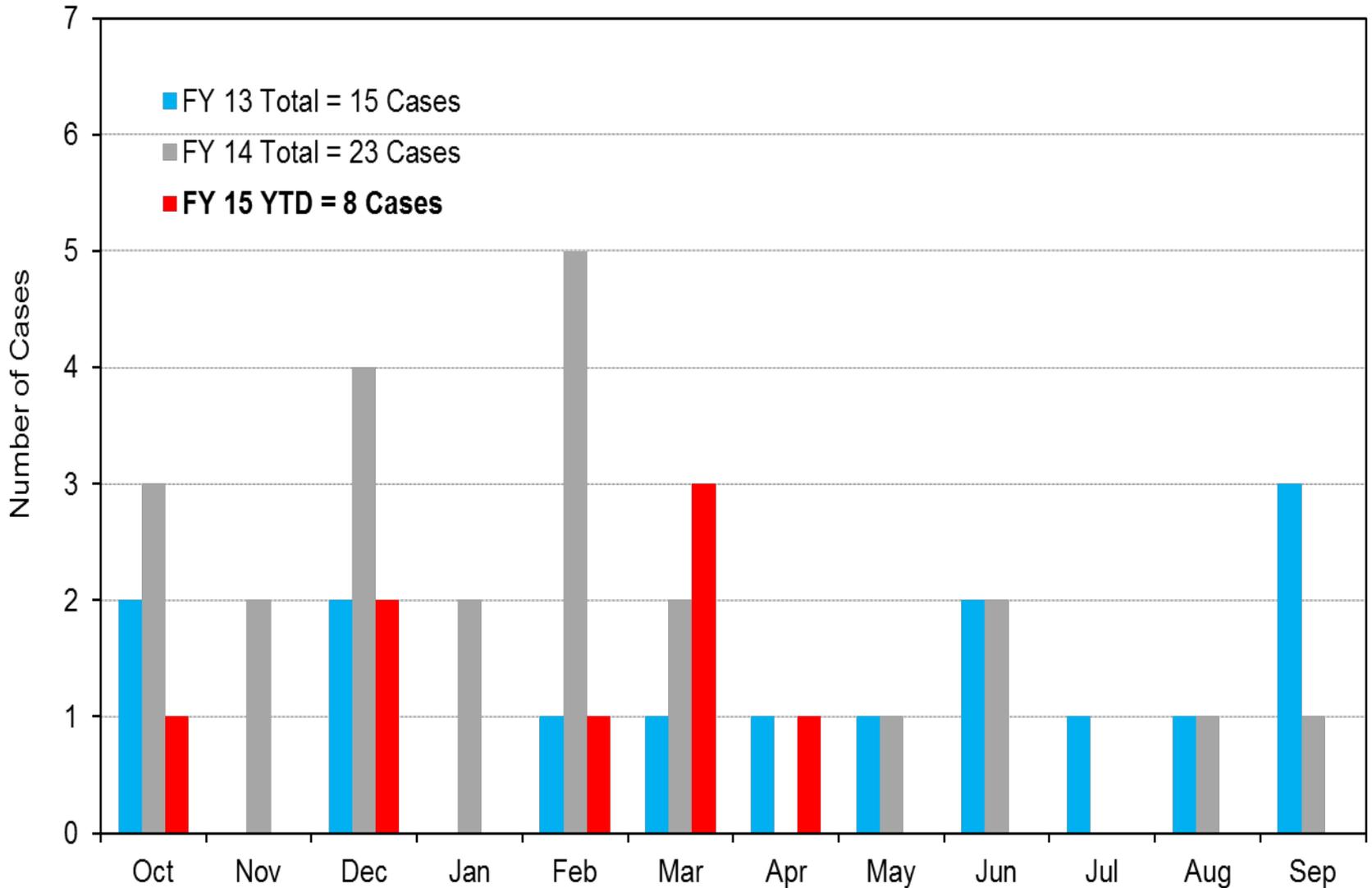
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

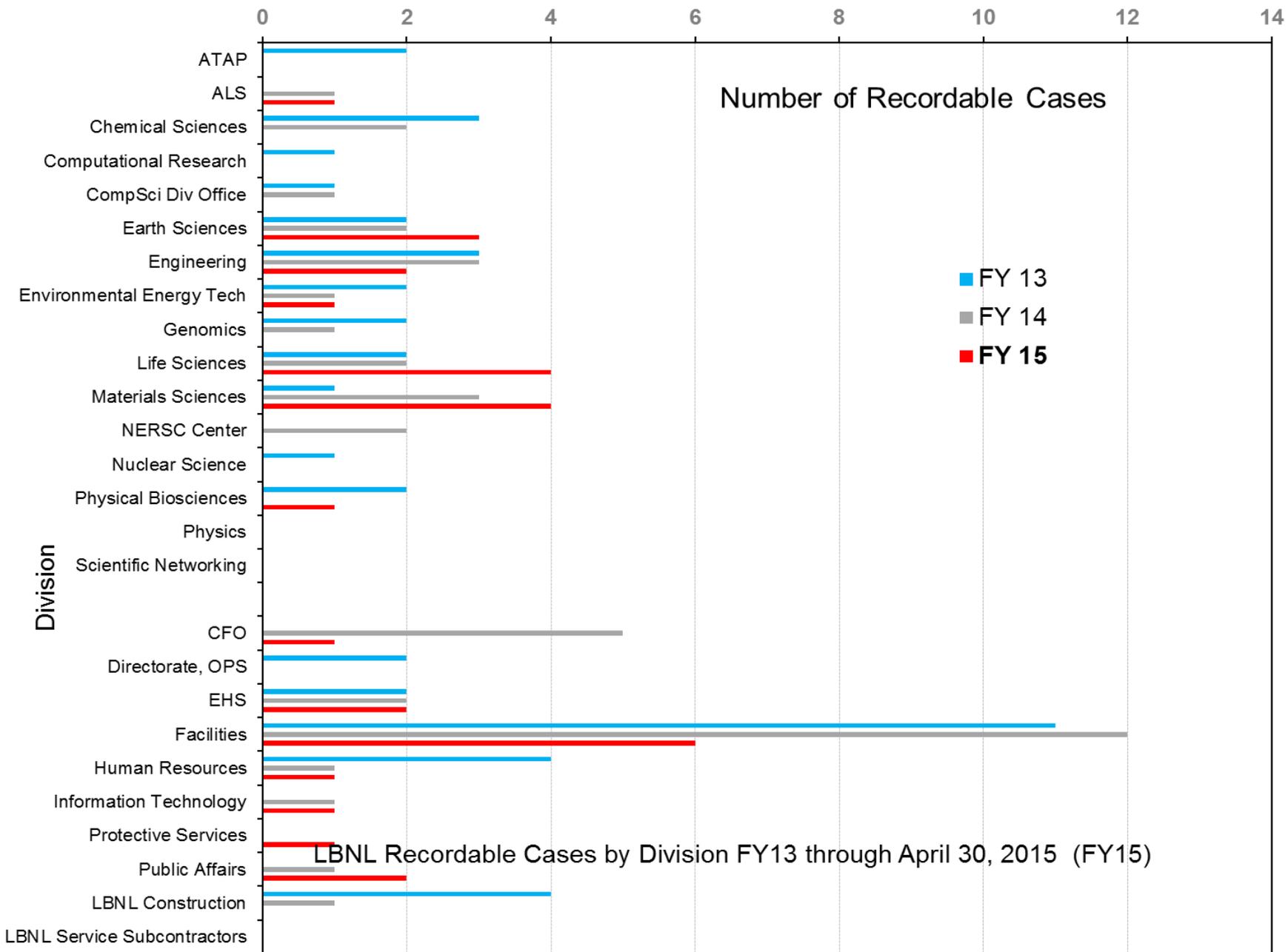


LBNL Recordable Cases FY13 through April 30, 2015 (FY15)

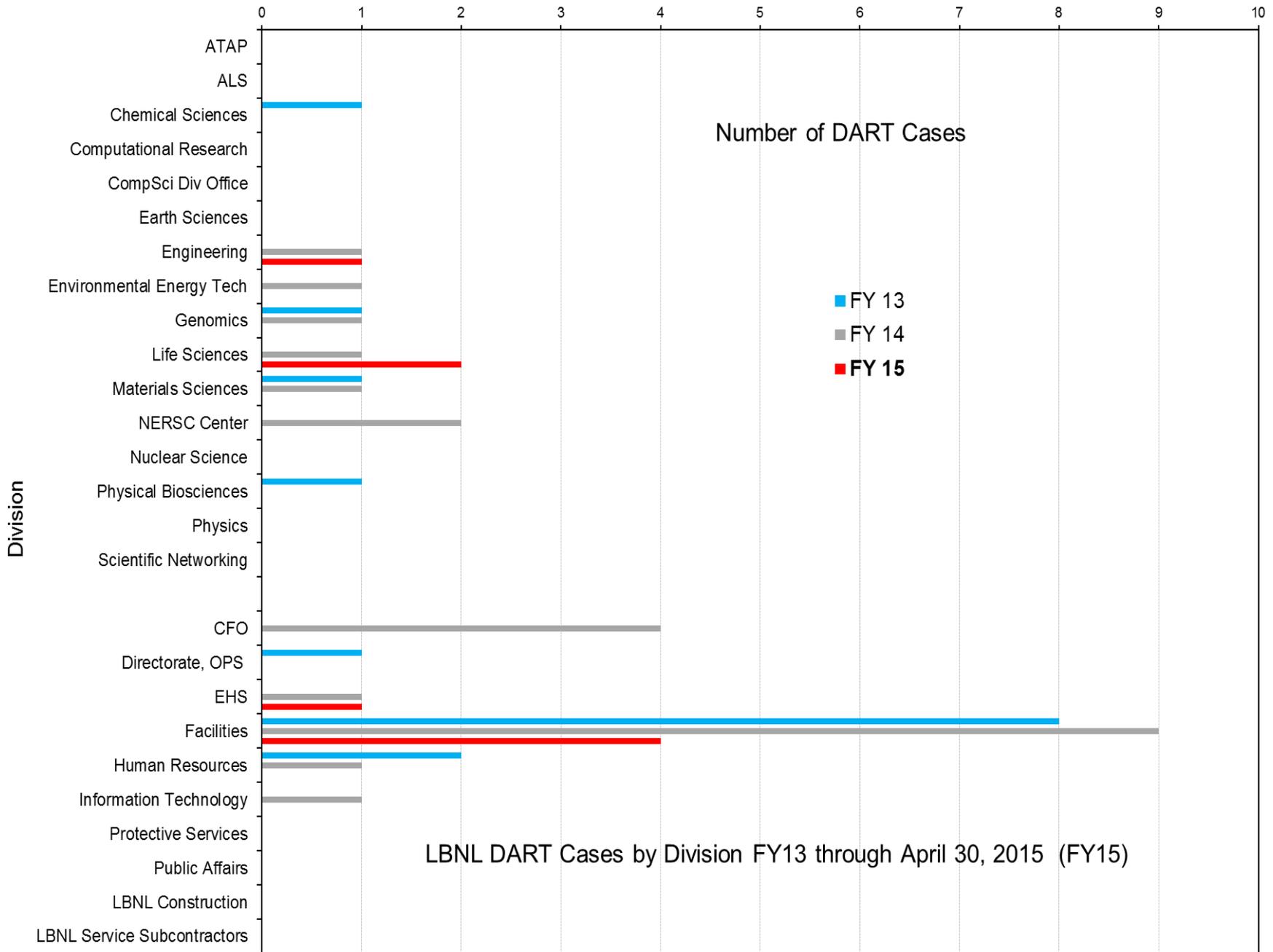


LBNL DART Cases FY13 through April 30, 2015 (FY15)



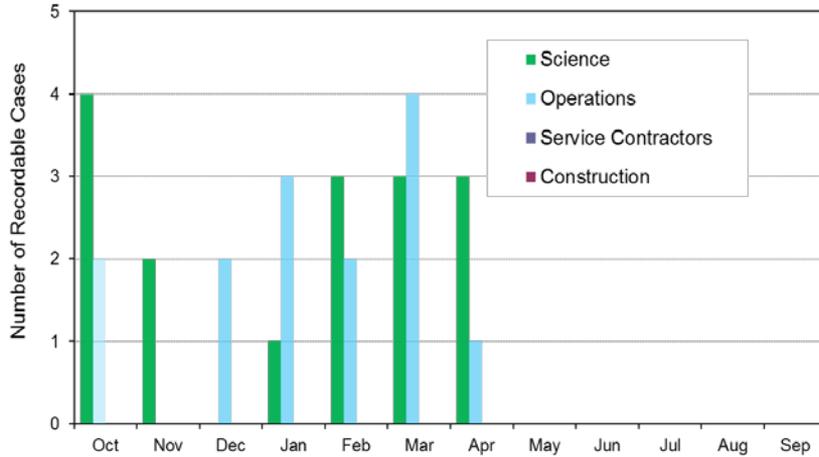


LBNL Recordable Cases by Division FY13 through April 30, 2015 (FY15)

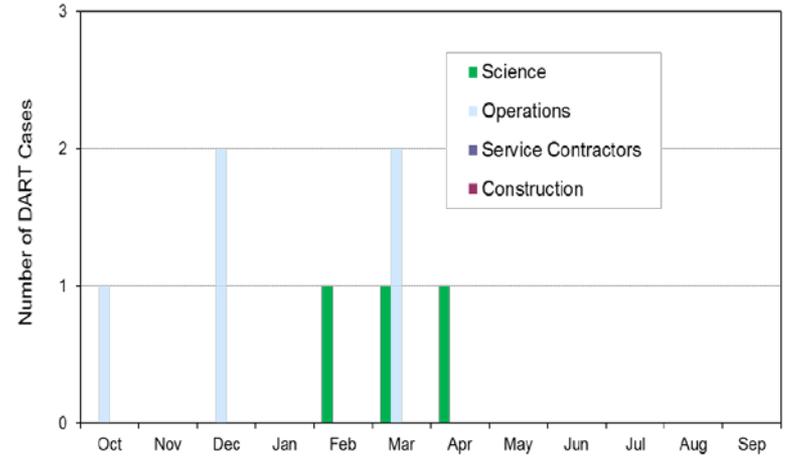


LBNL DART Cases by Division FY13 through April 30, 2015 (FY15)

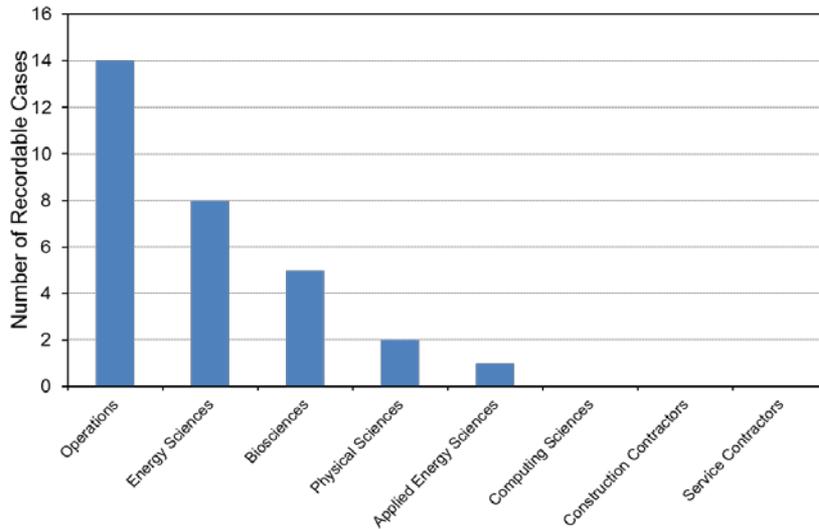
Recordable Cases by LBNL Major Organization
FY 2015 To Date April 30, 2015



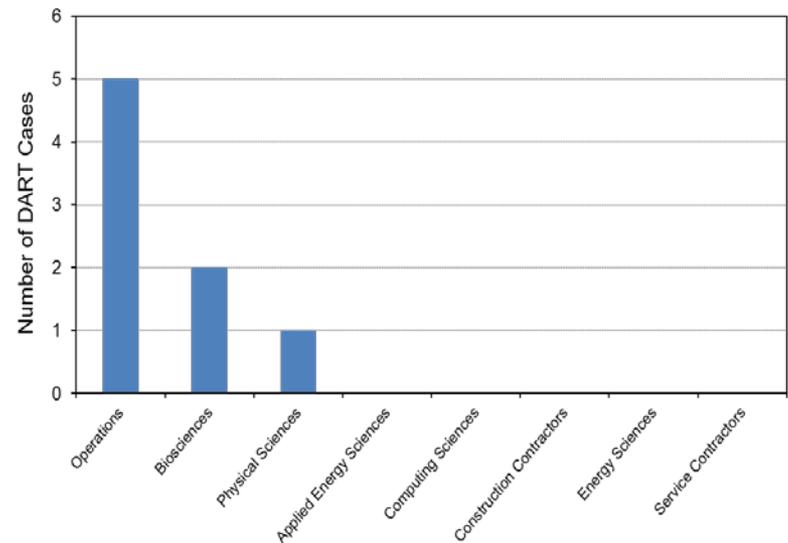
DART Cases by LBNL Major Organization
FY 2015 To Date April 30, 2015



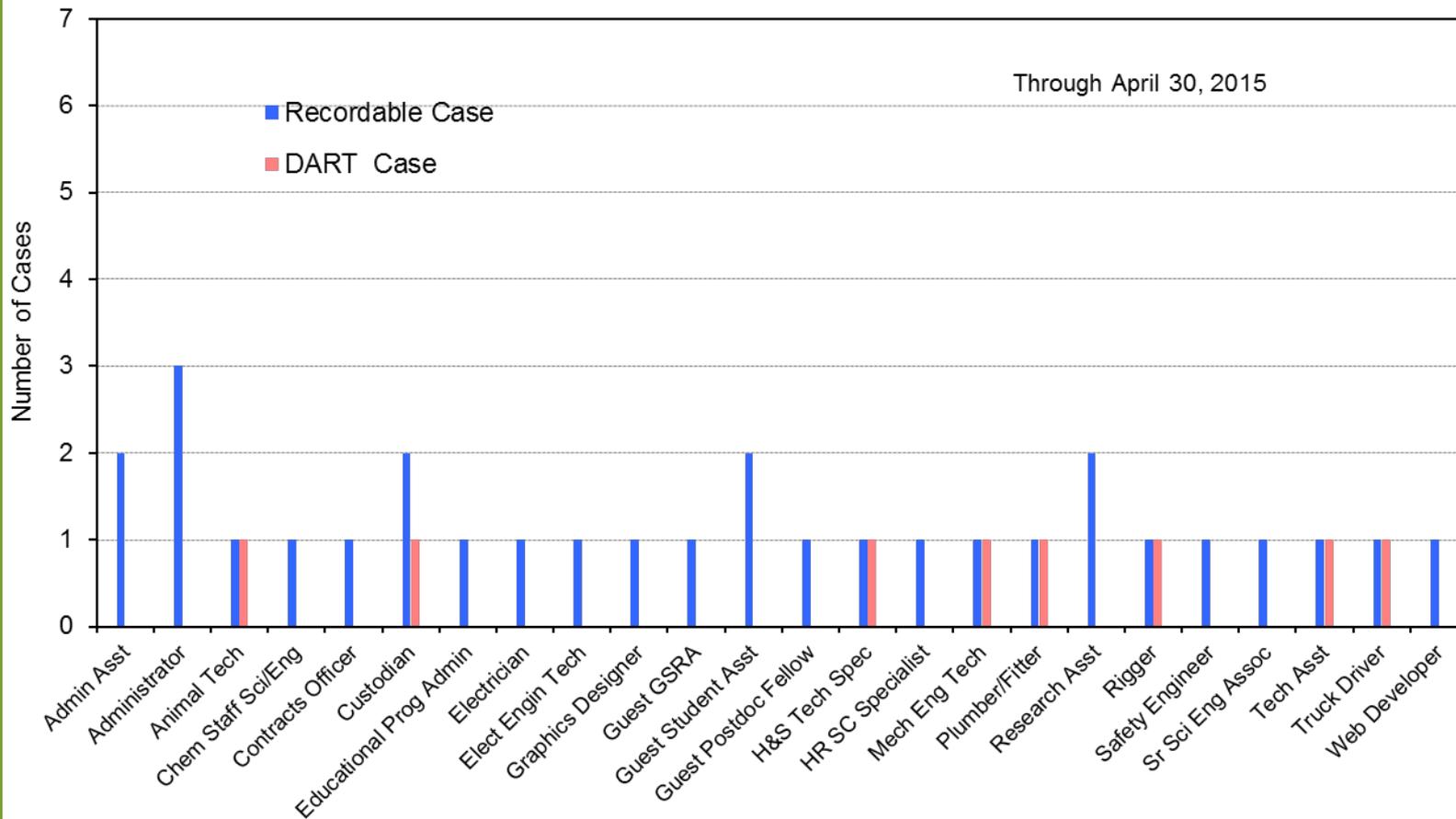
Recordable Cases by Associate Laboratory Directorate
FY 2015 To Date April 30, 2015



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

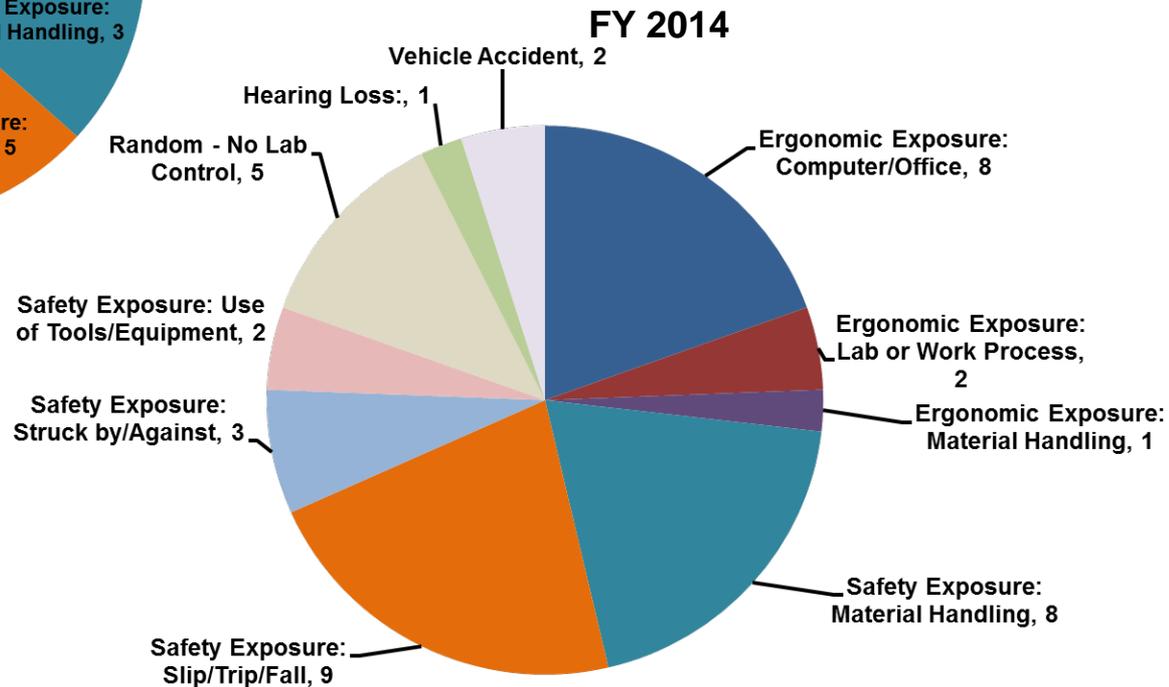
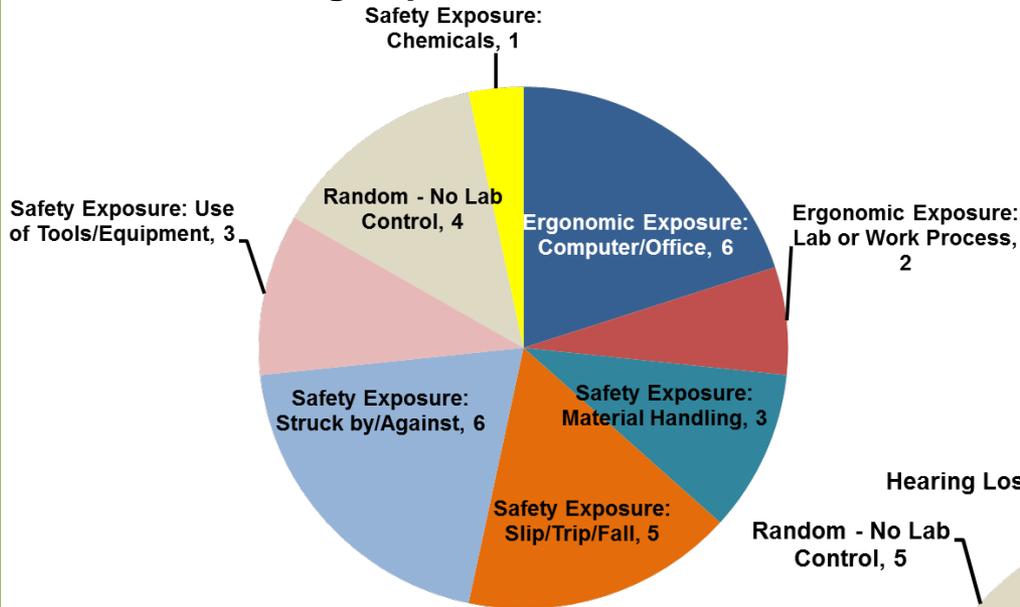


Recordable and DART Cases by Job Classification

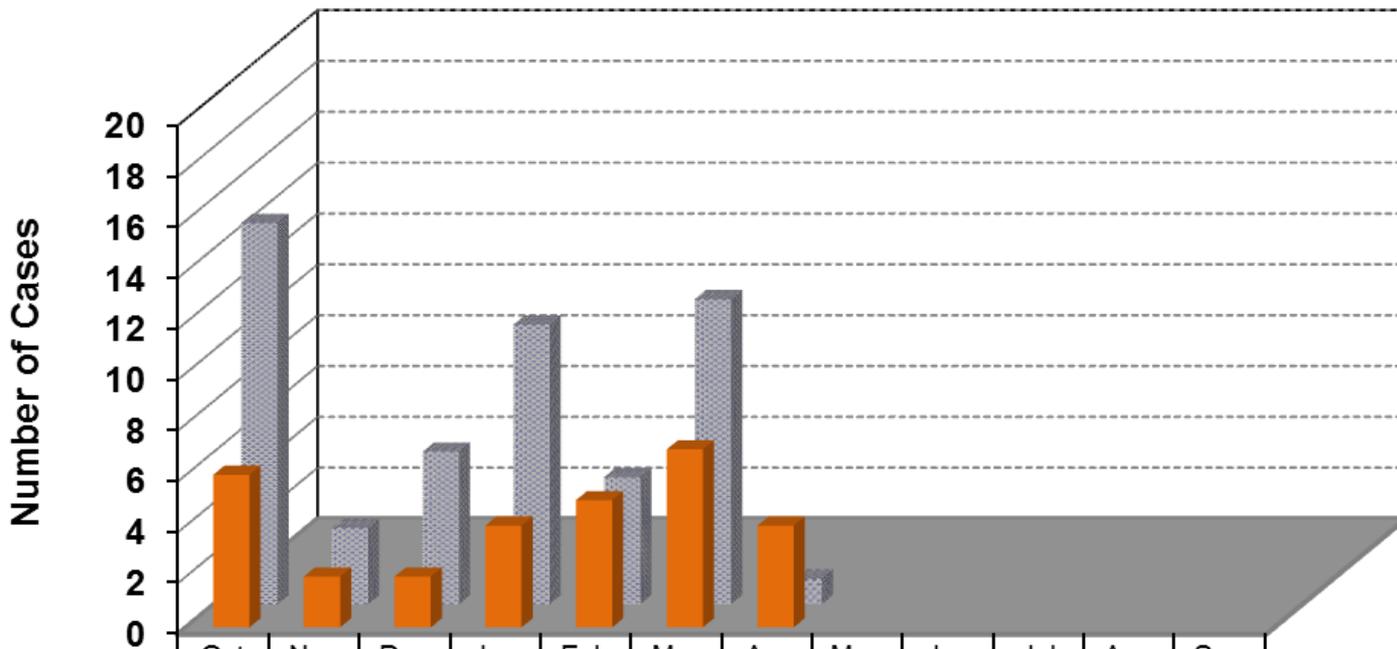


Recordable Injury Categories and Causes

FY 2015 through April 30, 2015

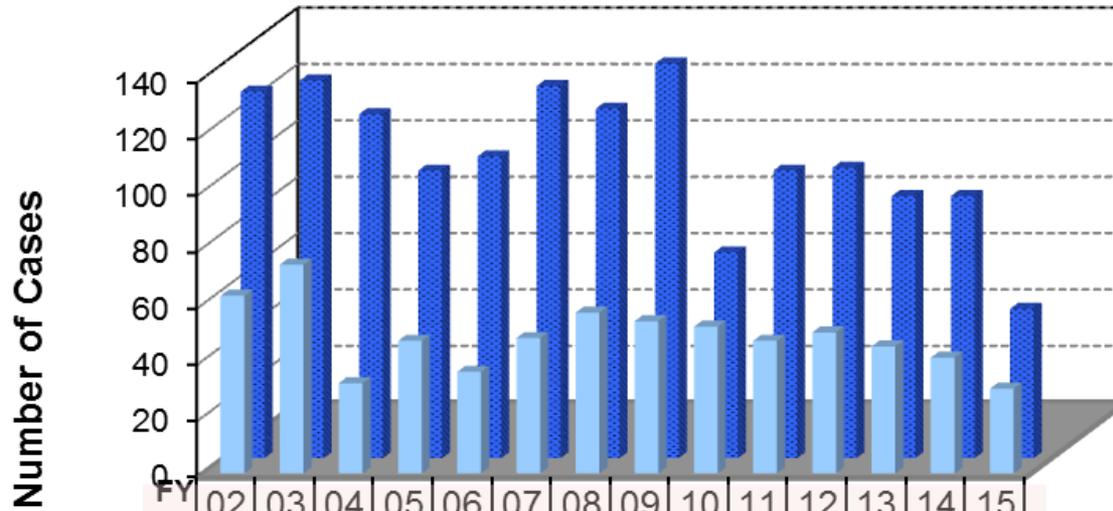


FY2015 First Aid to Recordable Comparison by Month through April 30, 2015



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	6	2	2	4	5	7	4					
■ FA	15	3	6	11	5	12	1					
FA to REC Ratio	2.5	1.5	3.0	2.8	1.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0
% of Total as FA	71	60	75	73	50	63	20	0	0	0	0	0
% of Total as REC	29	40	25	27	50	37	80	0	0	0	0	0

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



■ REC	63	74	32	47	36	48	57	54	52	47	50	45	41	30
■ FA	130	134	122	102	107	132	124	140	73	102	103	93	93	53
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	1.7
% of Total as FA	67	64	79	68	75	73	69	72	58	68	67	67	69	64
% of Total as REC	33	36	21	32	25	27	31	28	42	32	33	33	31	36

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
LBNL Research													
Applied Energy Sciences	0	0	0	0	0	1	0	0	0	0	0	0	1
Environmental Energy Tech.	0	0	0	0	0	1	0	0	0	0	0	0	1
Biosciences	2	0	0	0	1	1	1	0	0	0	0	0	5
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
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
Computing Sciences	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
Energy Sciences	2	1	0	1	2	0	2	0	0	0	0	0	8
Advanced Light Source	1	0	0	0	0	0	0	0	0	0	0	0	1
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	2	0	0	0	0	0	4
Physical Sciences	0	1	0	0	0	1	0	0	0	0	0	0	2
ATAP	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	1	0	0	0	1	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
LBNL Research Sub-Total	4	2	0	1	3	3	3	0	0	0	0	0	16
LBNL Operations													
CFO	0	0	0	0	0	1	0	0	0	0	0	0	1
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	0	0	0	6
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
LBNL Operations Sub-Total	2	0	2	3	2	4	1	0	0	0	0	0	14
LBNL Total	6	2	2	4	5	7	4	0	0	0	0	0	30
LBNL Construction	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Service Subcontractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Site Grand Total	6	2	2	4	5	7	4	0	0	0	0	0	30
<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 4/30/15

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety
DIVISION

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

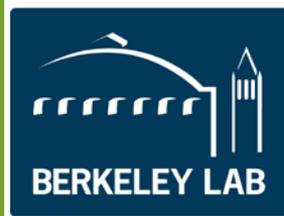
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Environmental Energy Tech.	0	0	0	0	0	0	0	0	0	0	0	0	0
Biosciences	0	0	0	0	1	0	1	0	0	0	0	0	2
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
Life Sciences	0	0	0	0	1	0	1	0	0	0	0	0	2
Physical Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Computing Sciences	0	0	0	0	0	0	0	0	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
Energy Sciences	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
Physical Sciences	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
LBNL Research Sub-Total	0	0	0	0	1	1	1	0	0	0	0	0	3
LBNL Operations													
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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
LBNL Operations Sub-Total	1	0	2	0	0	2	0	0	0	0	0	0	5
LBNL Total	1	0	2	0	1	3	1	0	0	0	0	0	8
LBNL Construction	0												
LBNL Service Subcontractors	0												
Site Grand Total	1	0	2	0	1	3	1	0	0	0	0	0	8
<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 4/30/15

Notes: Projections assume that hours worked will remain constant



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