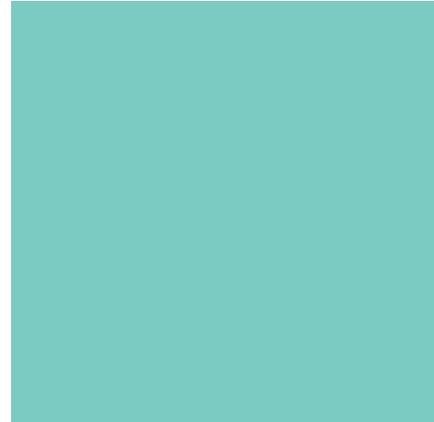




Berkeley Lab Accident Statistics Through

October 31, 2013



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 – October 31, 2013

Ergonomics-related Cases

- **Lower back pain**

- The employee reported lower back and upper extremity pain attributed to material handling work processes.

- **Finger pain**

- The Guest Postdoctoral Fellow reported ongoing finger discomfort possibly related to computer keyboard and mouse use in addition to other work and non-work related activities.

- **Wrist strain**

- The Mechanical Engineering Technician reported wrist pain and swelling a few days after performing intensive shop-related activities involving work with heavy tools and materials.

Injury/Illness Cases – October 31, 2013

Slip Trip Fall

- **Foot sprain**

- While working at a lab bench end sink, the Senior Research Associate's foot twisted sideways over the $\frac{3}{4}$ inch high non-beveled edge of a spill control mat on which the employee was standing.

- **Abrasions/contusions to knees and hand**

- The Senior Administrator tripped over a curb edge adjacent to the Building 54 bus stop and fell to the ground striking the knees and hand on the pavement.

- **Sprained hand and wrist**

- The Lab Technician fell to the pavement in downtown Berkeley while skateboarding from the Lab to Building 977.

Injury/Illness Cases – October 31, 2013

Slip Trip Fall

- **Fractured finger**

- The Principal Contracts Officer misstepped and fell to the pavement in the parking lot en route to Building 90.

- **Trauma to wrist, back and head**

- While attempting to move a crate, the Senior Material Specialist fell to the ground causing trauma to wrist, back and head when the side of the crate broke away during handling.

Injury/Illness Cases – October 31, 2013

Chemical

- **Chemical splash to eye**
 - While picking up a small heat sealed pouch of buffer solution, an unforeseen droplet of residual liquid from the exterior surface splashed into the Biologist Project Scientist / Engineer's eye. The employee had removed safety glasses prior to handling the packet.

Injury/Illness Cases – October 31, 2013

Laceration / Cuts / Abrasions

- **Laceration of hand**
 - The Guest Student Assistant lacerated the hand while holding and attempting to cut an apple.
- **Laceration of thumb and finger**
 - The Guest Scientist was scoring and cutting a quartz tube when the pressure exerted by holding the tube in the fingers caused the tube to shatter.
- **Laceration of upper leg**
 - The Physicist Postdoc dropped a pair of scissors. At the moment of impact on the leg, the employee had been shifting position in seat. The movement of the employee's leg drove the scissor point deeper into the leg tissue.
- **Laceration of finger**
 - While unloading material from the back of a truck, the metal packaging banding broke apart. The sharp edge of the loose banding struck and cut the Material Handler's finger.

Injury/Illness Cases – October 31, 2013

Trauma

- **Neck strain**

- The Principal Scientific Engineering Associate stood straight up after working on some instrumentation near floor level on a mobile computer cart. The employee's head struck the bottom surface of a diagonal internal building structural beam causing a contusion and jarring of the employee's neck muscles.

- **Insect sting**

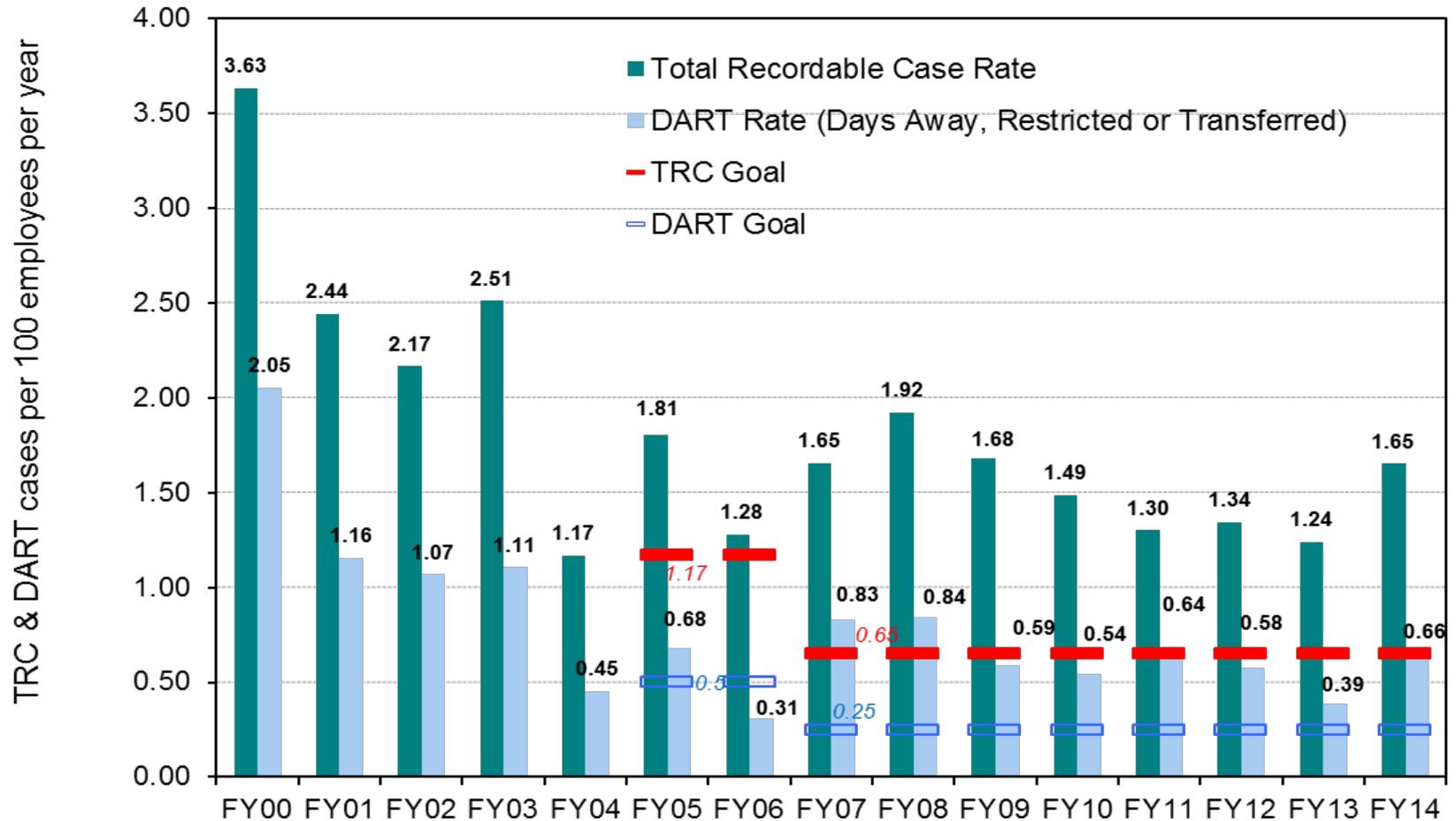
- The Senior Laborer was stung in the hand and eyelid by a yellow jacket while working behind Building 55A.

- **Insect sting**

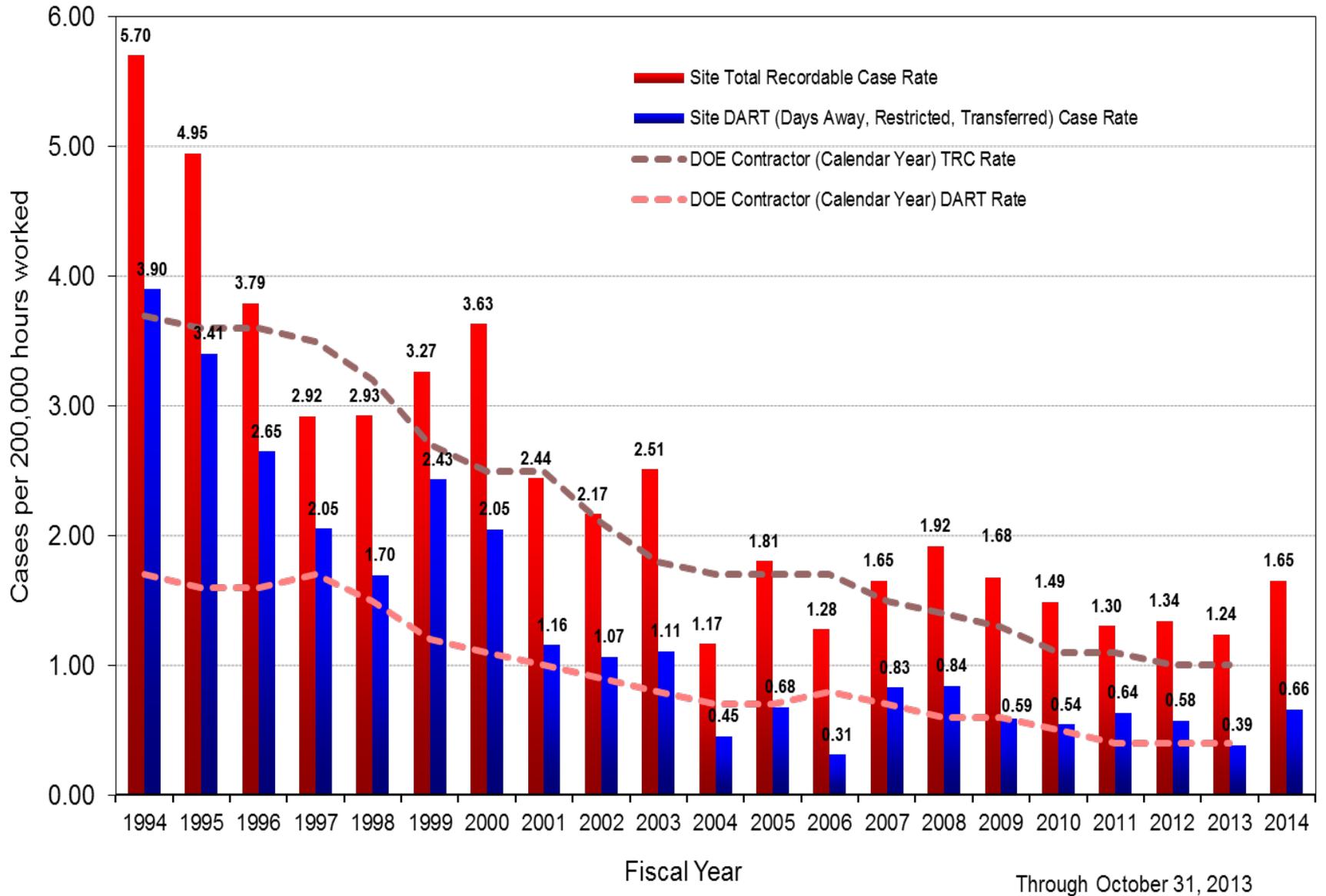
- The Division Director was stung on the leg by a yellow jacket. The insect had flown up the individual's pant leg while walking between buildings to a meeting.

Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)
Through October 31, 2013

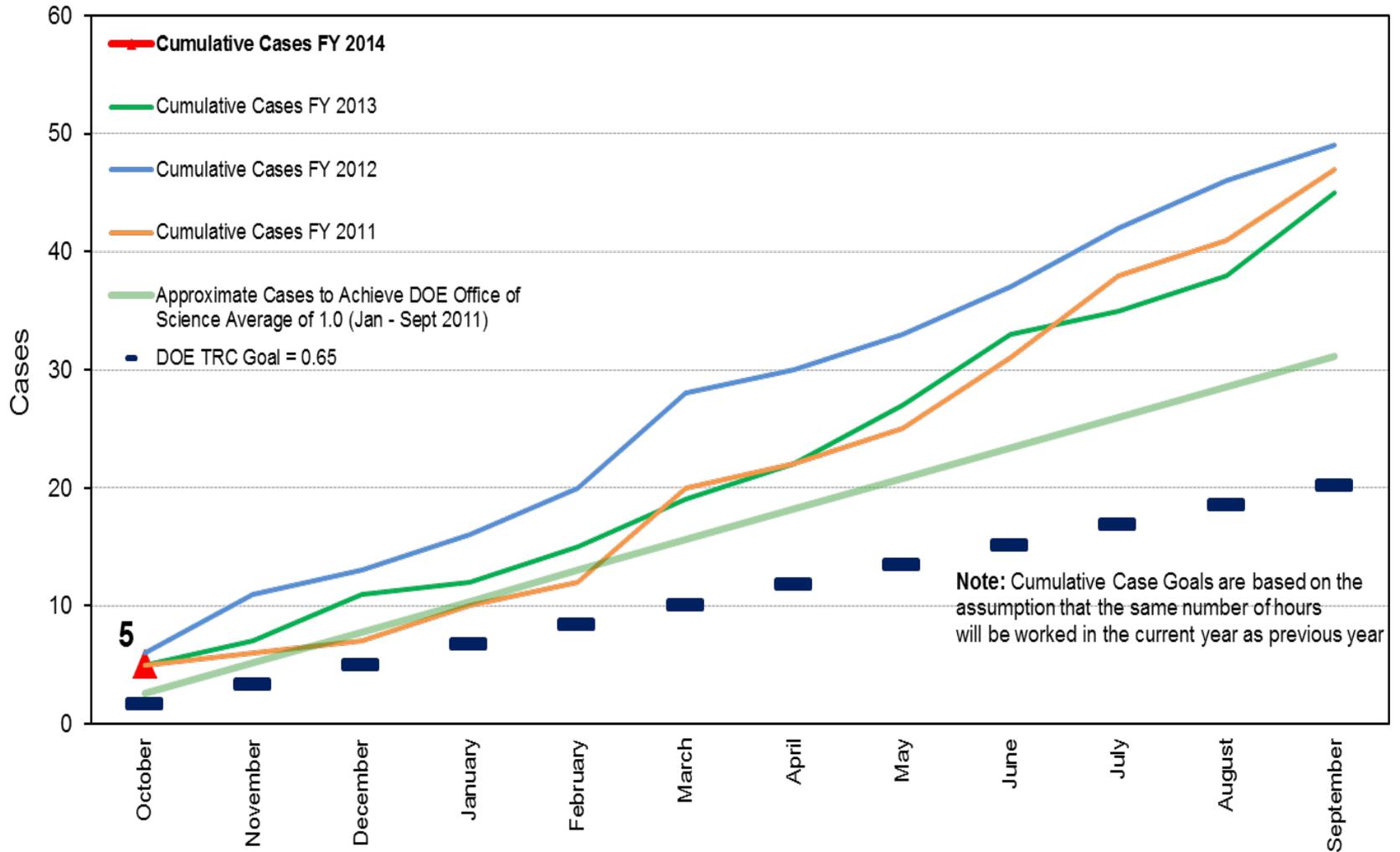


Berkeley Lab Site Accident Rates

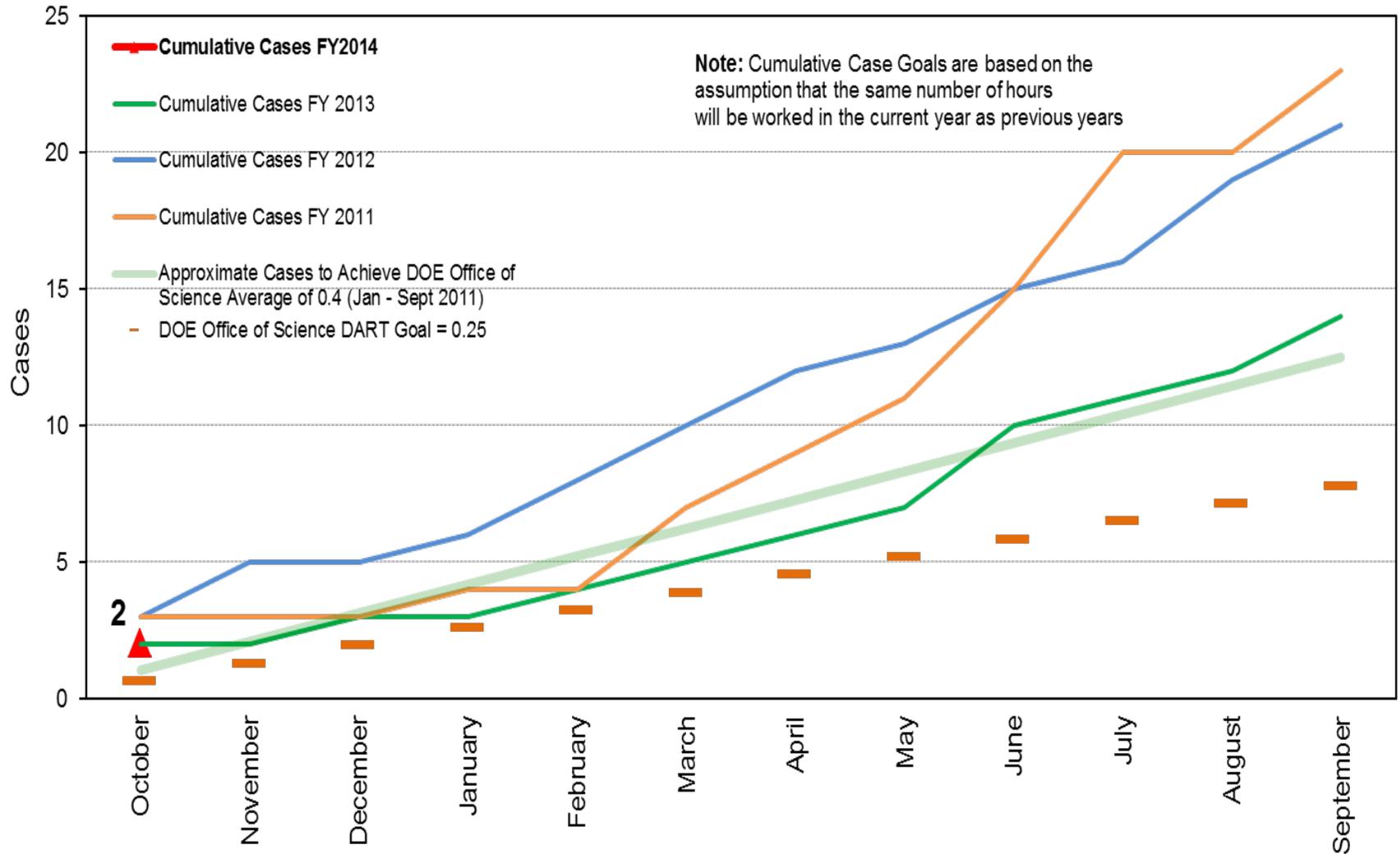


Through October 31, 2013

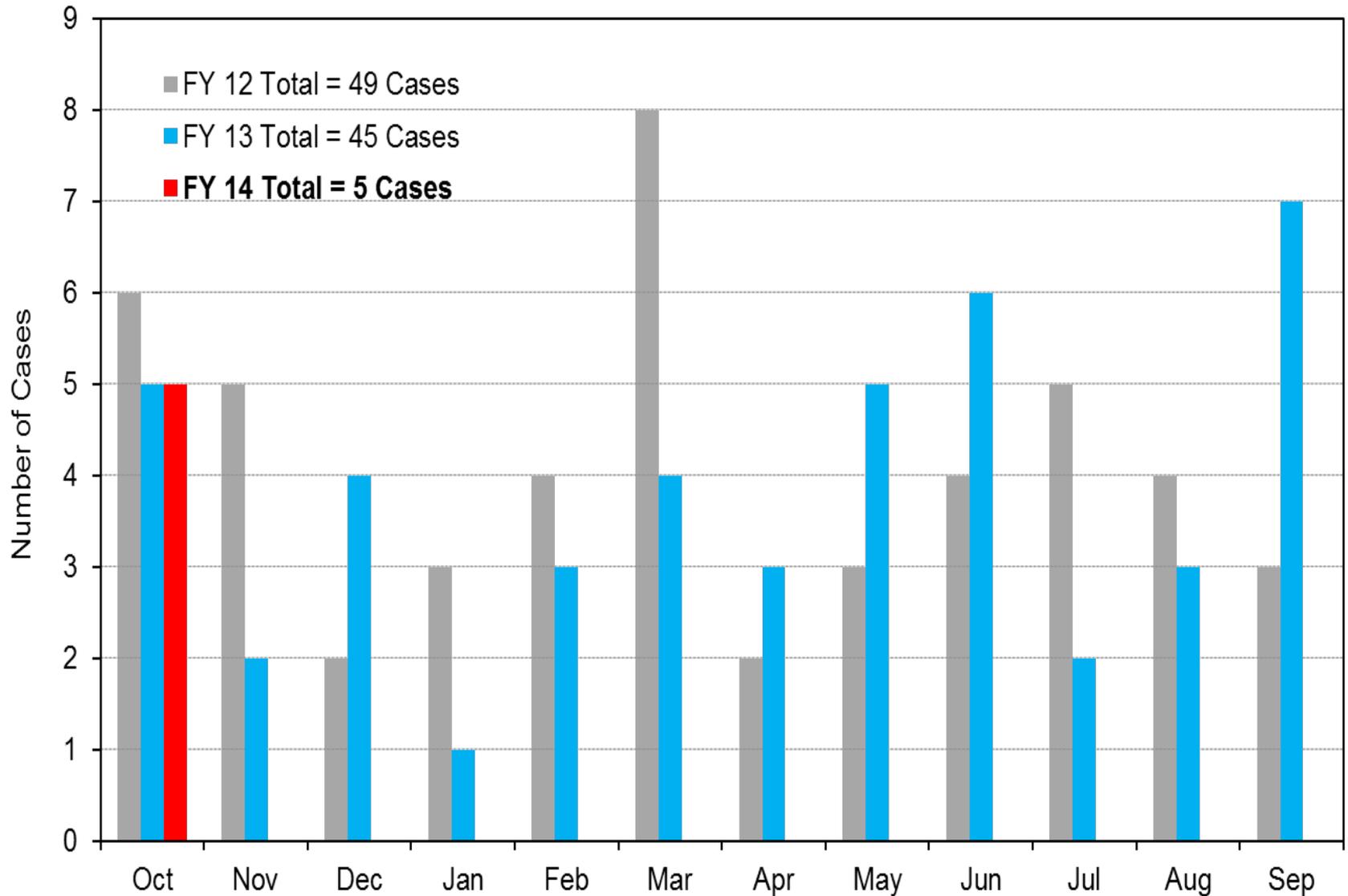
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



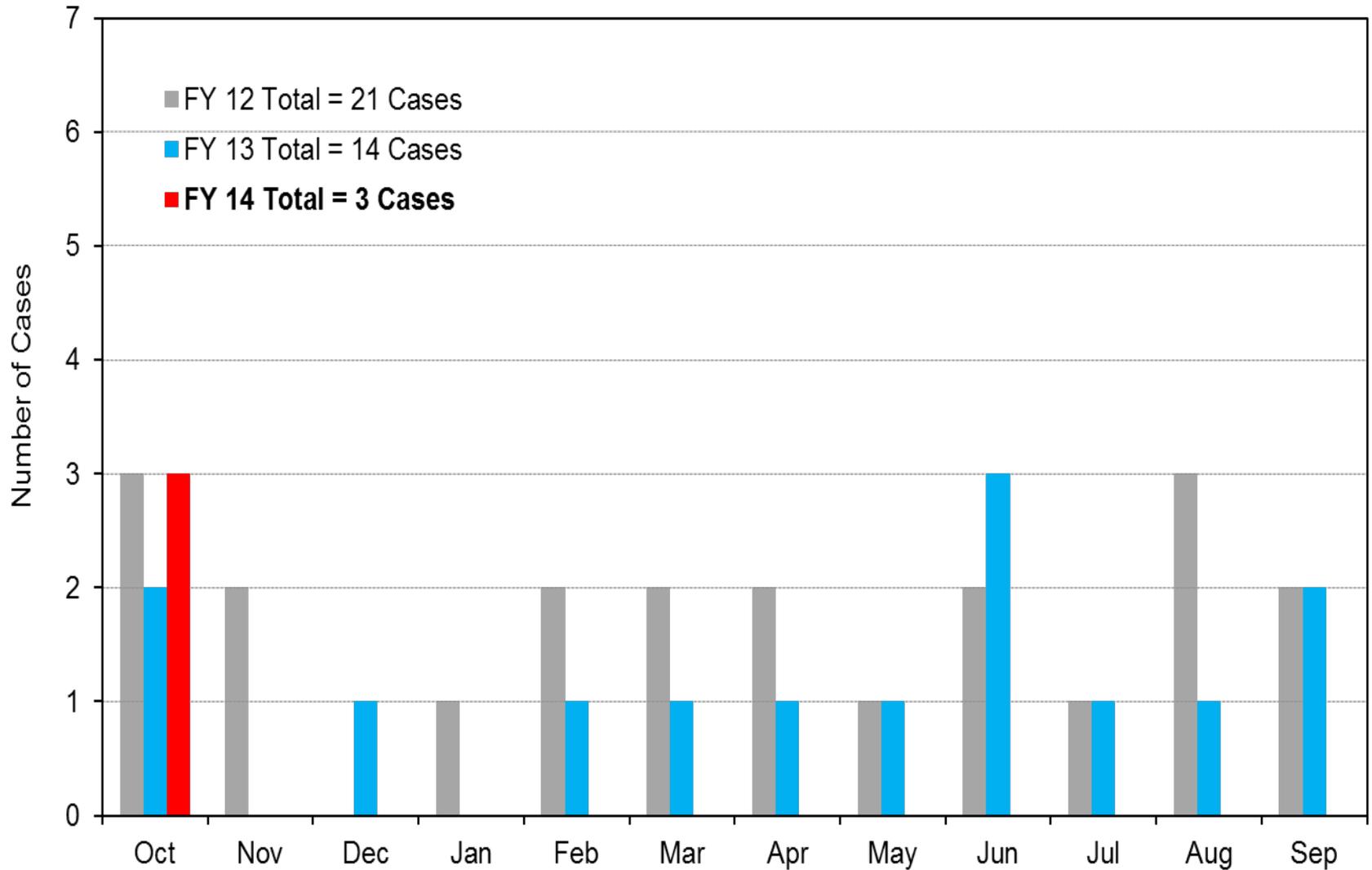
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

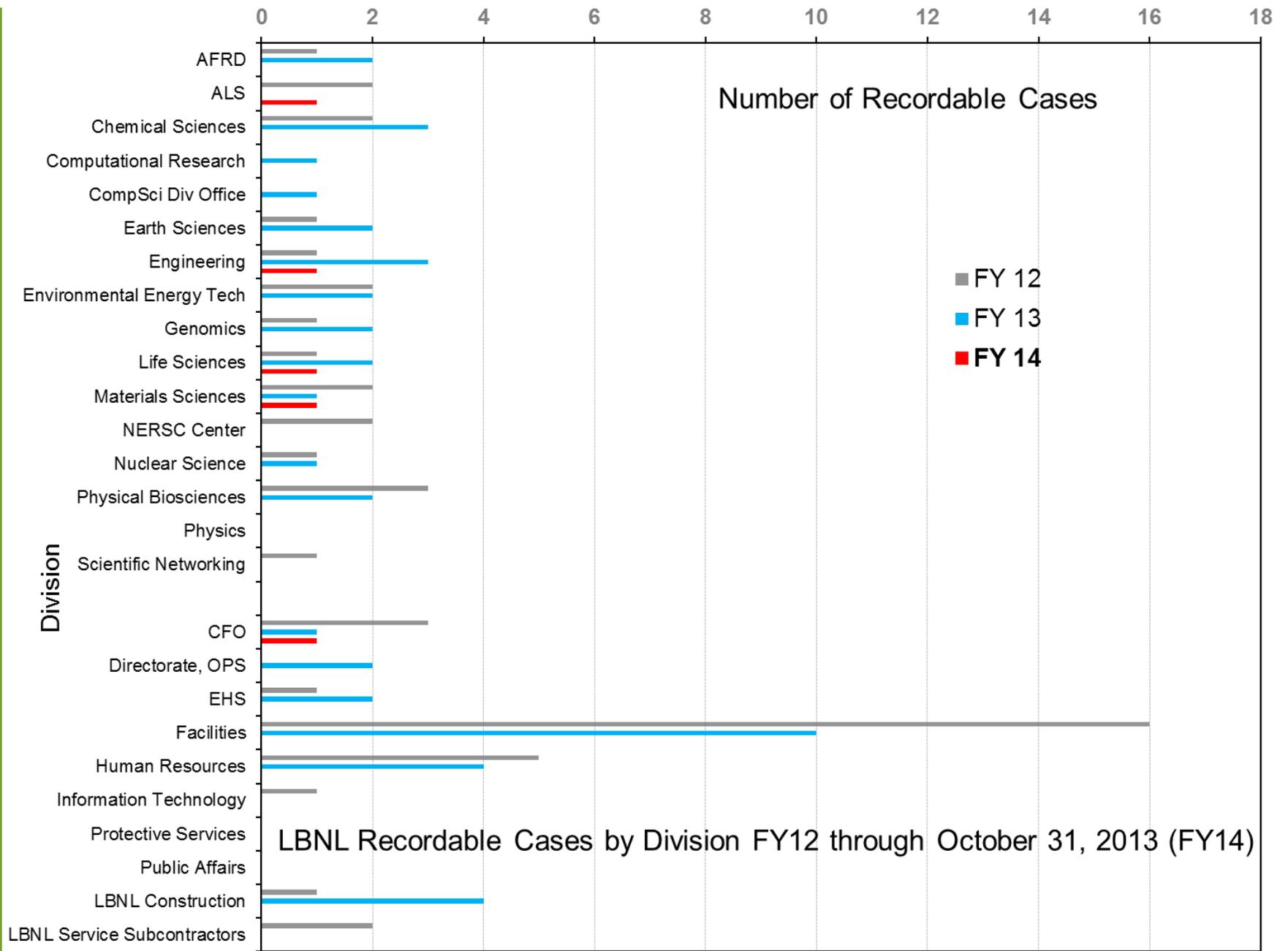


LBNL Recordable Cases FY12 through October 31, 2013 (FY14)



LBNL DART Cases FY12 through October 31, 2013 (FY14)

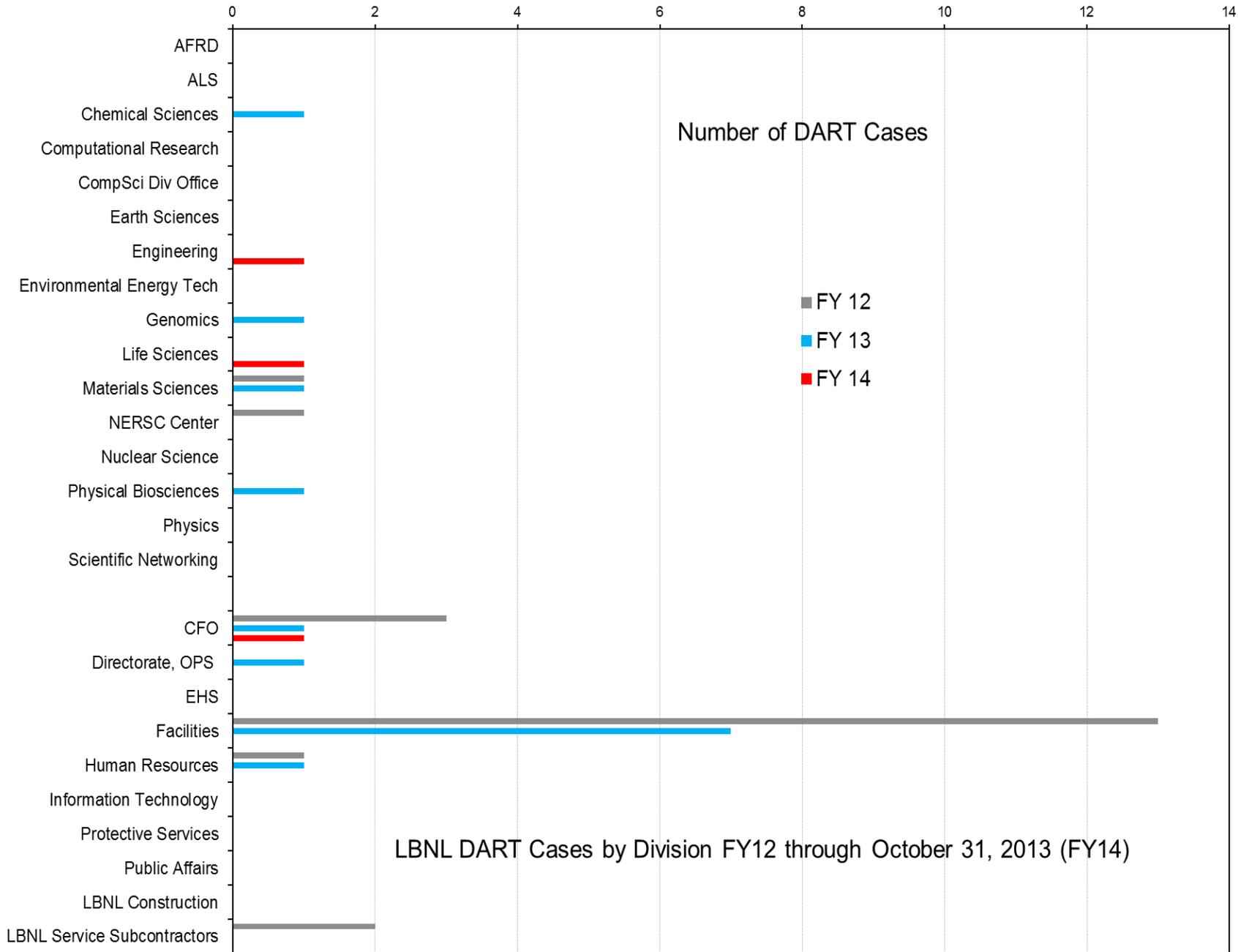




LBNL Recordable Cases by Division FY12 through October 31, 2013 (FY14)

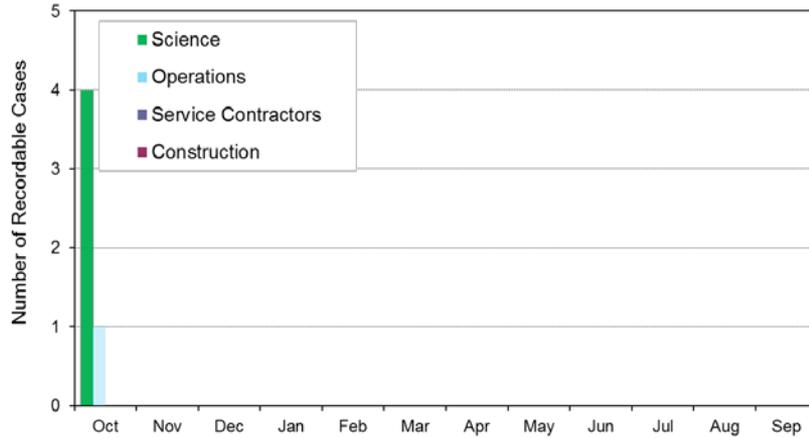


Division

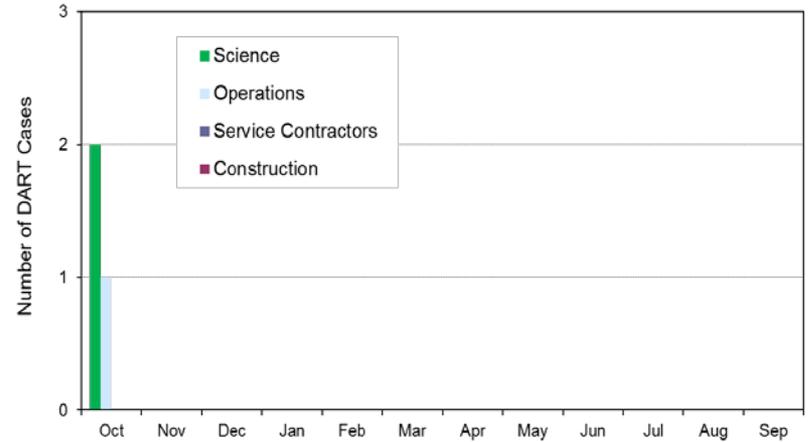


LBNL DART Cases by Division FY12 through October 31, 2013 (FY14)

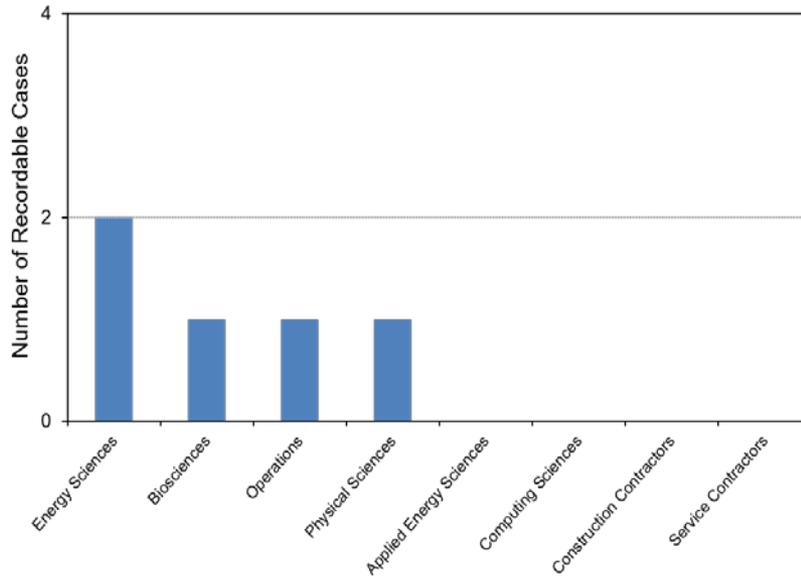
Recordable Cases by LBNL Major Organization
FY 2014 To Date October 31, 2013



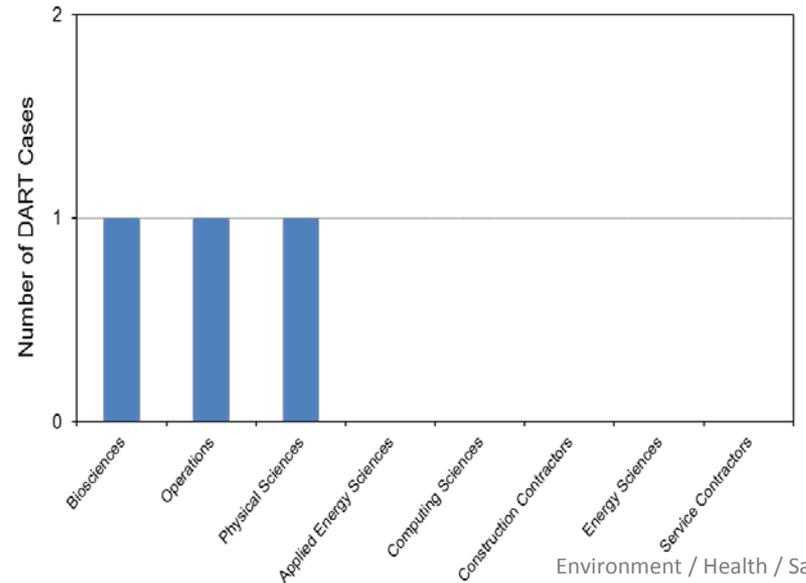
DART Cases by LBNL Major Organization
FY 2014 To Date October 31, 2013



Recordable Cases by Associate Laboratory Directorate
FY 2014 To Date October 31, 2013

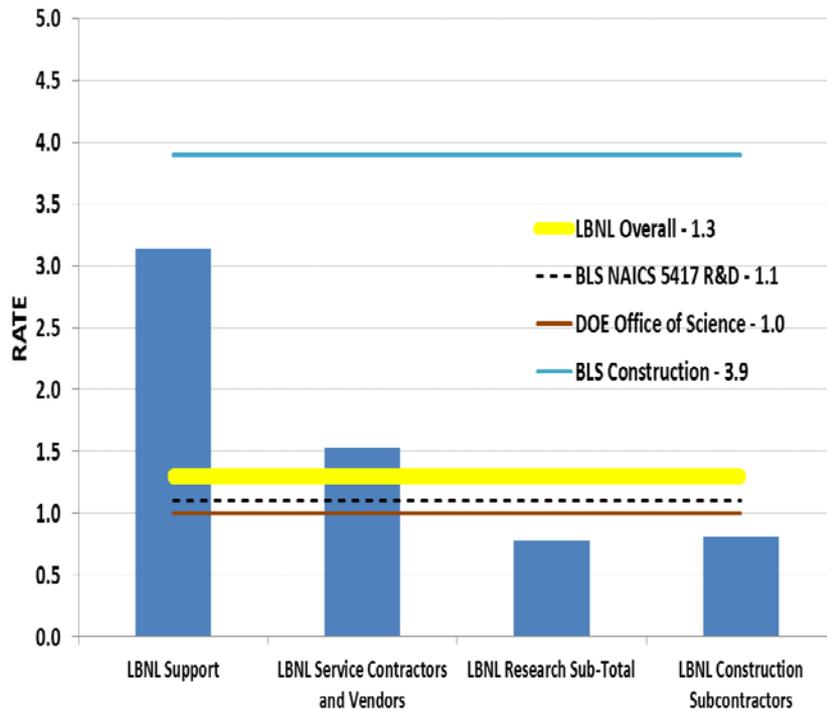


DART Cases by Associate Laboratory Directorate
FY 2014 To Date October 31, 2013

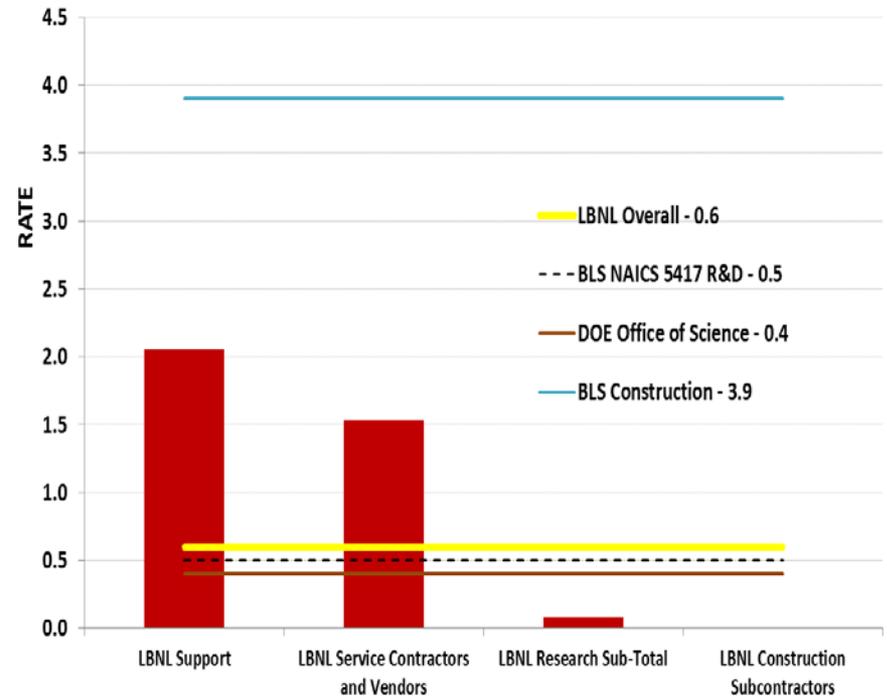


FY 2012 Summary Reference

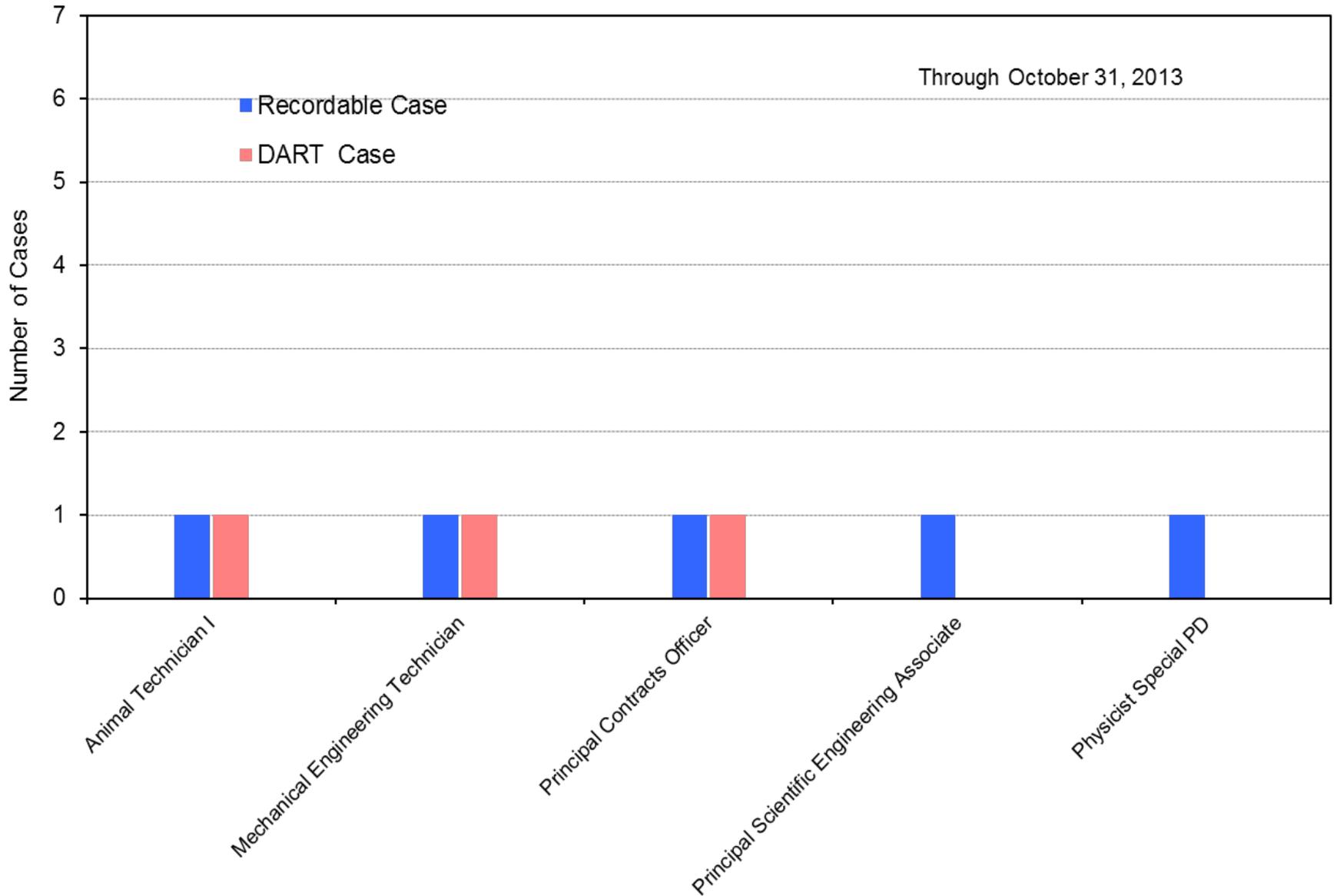
FY12 Recordable Rate with Benchmarks
(DOE Reporting Organization)



FY12 DART Rate with Benchmarks
(DOE Reporting Organization)

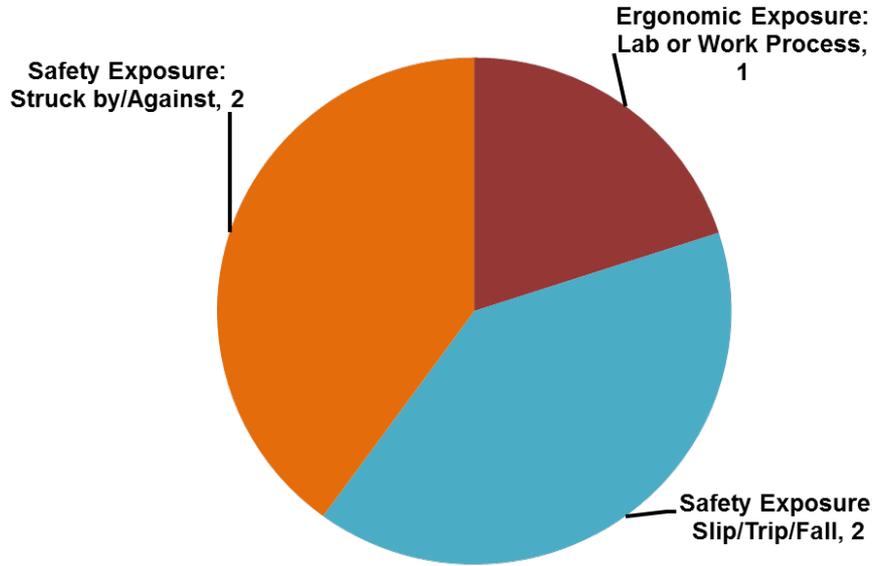


Recordable and DART Cases by Job Classification

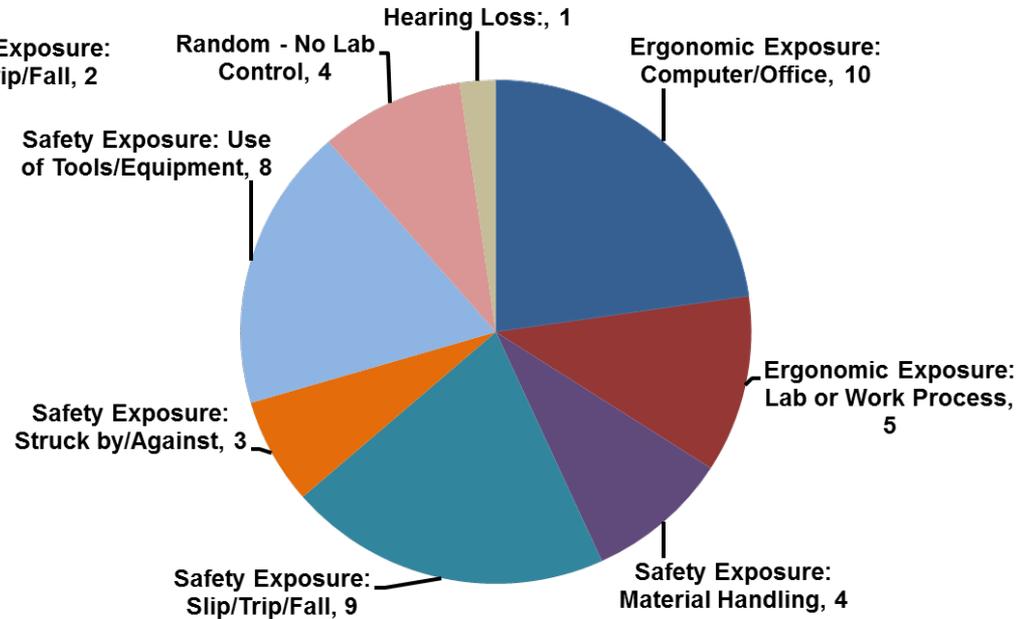


Recordable Injury Categories and Causes

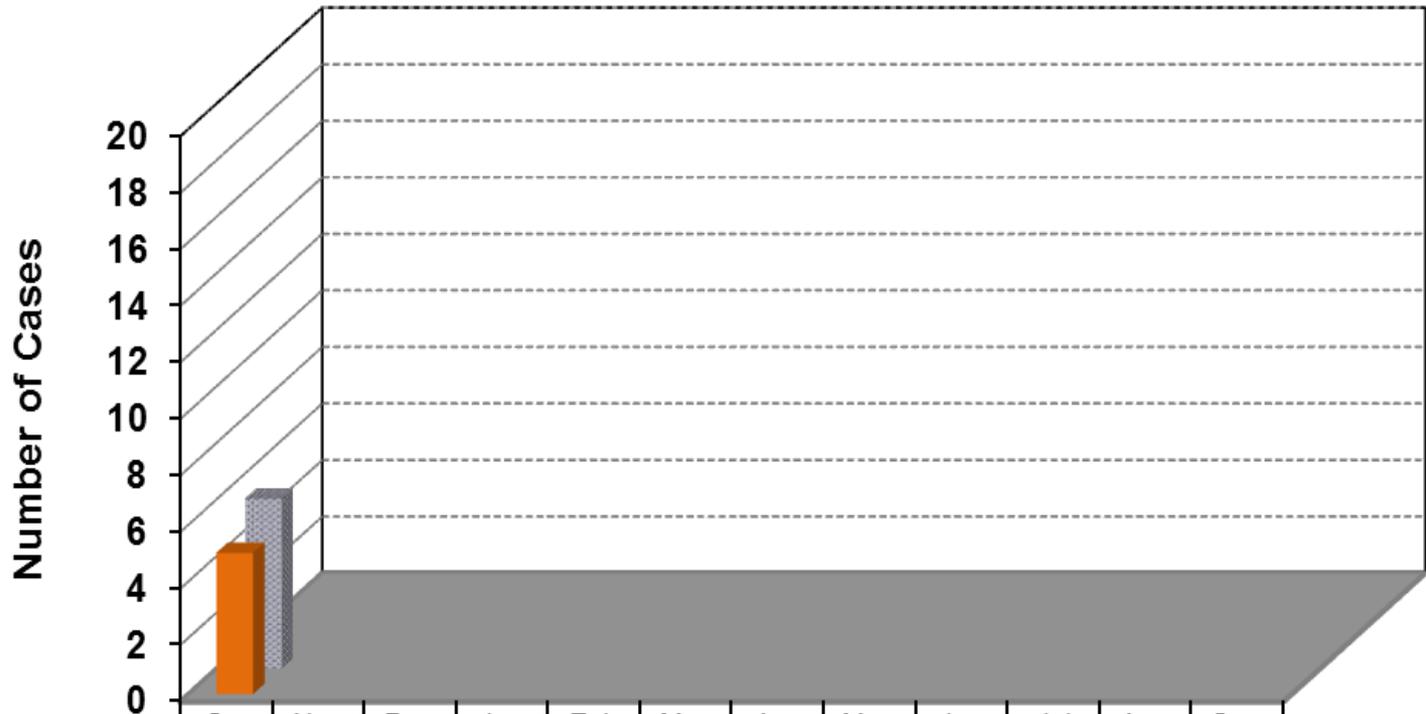
FY 2014 through 10/31/13



FY 2013

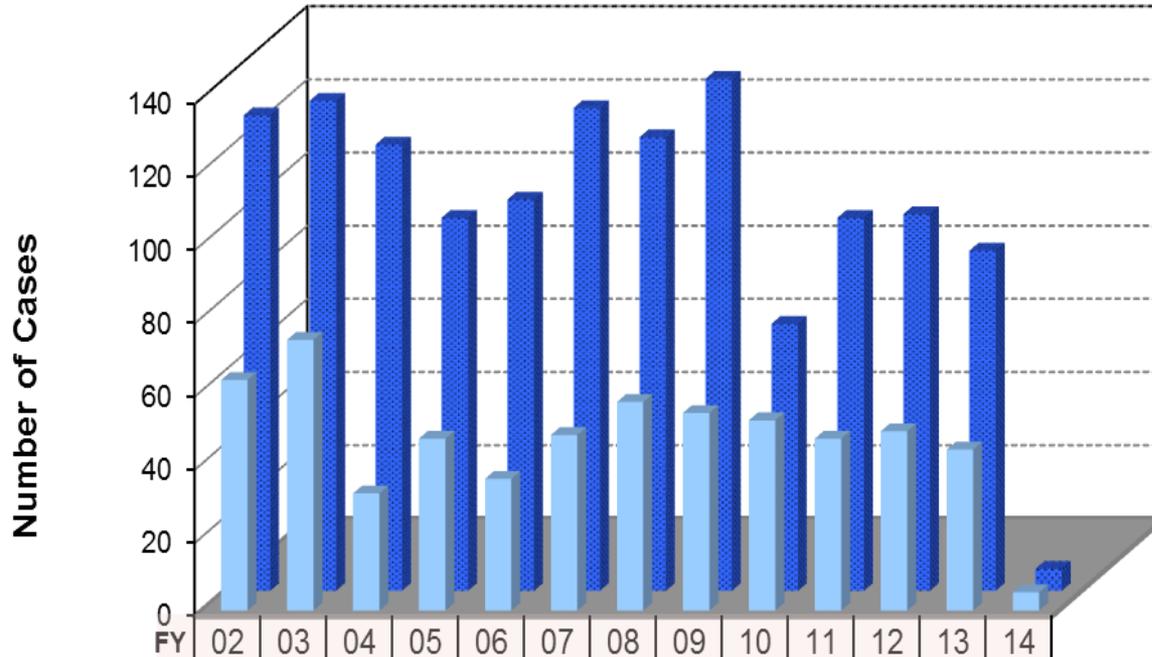


FY2014 First Aid to Recordable Comparison by Month through October 31, 2013



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	5											
■ FA	6											
FA to REC Ratio	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% of Total as FA	55	0	0	0	0	0	0	0	0	0	0	0
% of Total as REC	45	0	0	0	0	0	0	0	0	0	0	0

FY02 to FY2014 First Aid to Recordable Comparison by Year through October 31, 2013



■ REC	63	74	32	47	36	48	57	54	52	47	49	44	5
■ FA	130	134	122	102	107	132	124	140	73	102	103	93	6
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.6	1.4	2.2	2.1	2.1	1.2
% of Total as FA	67	64	79	68	75	73	69	72	58	68	68	68	55
% of Total as REC	33	36	21	32	25	27	31	28	42	32	32	32	45

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
LBNL Research													
Applied Energy Sciences	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
Biosciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
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
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	0	0	0	0	0	0	0	0	0	0	0	2
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	0	0	0	0	0	0	0	0	0	0	0	0	0
Materials Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Physical Sciences	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
LBNL Research Sub-Total	4	0	4										
LBNL Operations													
CFO	1	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0
Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1										
LBNL Total	5	0	5										
LBNL Construction	0												
LBNL Service Subcontractors	0												
Site Grand Total	5	0	5										
<i>Prior Year (FY13) Site Grand Total</i>	5	2	4	1	3	4	3	5	6	2	3	7	45
<i>Prior Year (FY12) Site Grand Total</i>	6	5	2	3	4	8	2	3	4	5	4	3	49
<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 10/31/13

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
LBNL Research													
Applied Energy Sciences	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
Biosciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
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
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	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
LBNL Research Sub-Total	2	0	2										
LBNL Operations													
CFO	1	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0
Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1										
LBNL Total	3	0	3										
LBNL Construction	0												
LBNL Service Subcontractors	0												
Site Grand Total	3	0	3										
<i>Prior Year (FY13) Site Grand Total</i>	2	0	1	0	1	1	1	1	3	1	1	2	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	2	4	5	0	3	23
<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 10/31/13

Notes: Projections assume that hours worked will remain constant



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