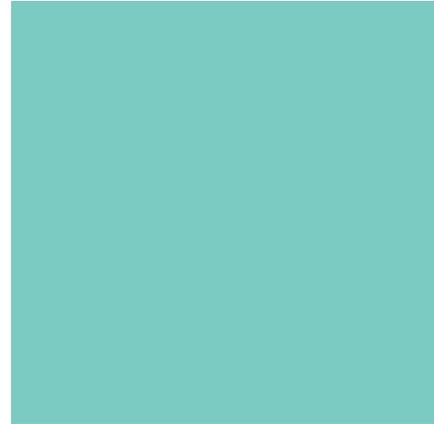




Berkeley Lab Accident Statistics Through October 31, 2012



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 2012

Ergonomic

- **Tendonitis in elbow**

- The Mechanic experienced tendonitis of the elbow associated with use of hand tools and climbing ladders while servicing heating and air conditioning equipment.

- **Repetitive strain of wrist**

- The Student Assistant experience wrist discomfort associated with use of a single channel pipette and opening and closing flip-cap tubes.

Injury/Illness Cases – October 2012

Trauma

- **Strain of lower back**
 - The Computer Systems Engineer experienced a sudden pain in the lower back while reaching to the side to plug in a data cable.
- **Knee contusion**
 - The Truck Driver slipped off the back trailer bumper while trying to exit the back of a freight trailer that is not equipped with steps or grab bars. Surfaces were wet due to moderate rain.
- **Crushed / fractured finger tip**
 - The Plant Maintenance Technician caught and crushed the finger tip in the pinch point between drive belt and motor sheave while manually turning a blower shaft by pulling the drive belt toward the motor sheave during a maintenance task.

Injury/Illness Cases – October 2012

Trauma

- **Contusion on ear**
 - The Emergency Services employee was struck in the ear and side of face when the handle of a collapsible light duty hand truck swung forward while placing a case of Gatorade on the hand truck blade.

Material Handling

- **Strain of lower back**
 - The Custodian strained the lower back lifting a mop bucket.

Injury/Illness Cases – October 2012

Puncture / Laceration

- **Puncture to finger tip**

- The Mechanical Engineering Technician suffered a puncture on the finger tip from the end of a metal wire while disassembling scientific equipment.

- **Small cut to hand**

- The Research Associate sustained a small cut to the hand from broken glass after a sterilization chamber glass front enclosure broke due to impact by a piece of equipment being handled in the chamber.

- **Puncture on thumb**

- The Graduate Student Research Assistant was disinfecting the biosafety cabinet surfaces and experienced a sharp prick to the thumb from a previously undetected sharp metal irregularity on the air diffuser screen at the front of the cabinet.

Injury/Illness Cases – October 2012

Puncture / Laceration

- **Puncture to finger**
 - The Chemist Staff Scientist/Engineer sustained a puncture to the finger through glove box glove and laboratory glove while attempting to insert a rubber septum seal into the top of a thin walled glass NMR sample tube when the top of the glass tube broke.
- **Laceration on hand**
 - The Research Associate sustained a 2 cm laceration to the palm of the hand while retrieving some empty freezer sample storage boxes from a storage shelf . Unknown person had left a single edge unprotected razor blade on the shelf.

Injury/Illness Cases – October 2012

Puncture / Laceration

- **Laceration on head**
 - The Computer Staff Scientist/Engineer received a 2 inch laceration on the top of the head due to striking the overhead luggage compartment while boarding a plane.
- **Laceration on finger**
 - The Guest Student Assistant dropped a 500ml beaker while working in a chemical fume hood and sustained a laceration on the finger from the broken beaker glass.

Injury/Illness Cases – October 2012

Slip Trip Fall

- **Abrasion and contusion of elbow, knee, and hand**
 - The Administrative Assistant fell to the ground after tripping over the tine of a forklift at Building 79.
- **Ankle strain**
 - The Computer Systems Engineer rolled the ankle while descending the one step in the sidewalk just below the Walkway 10 landing below the Building 50 basement exit en route to the Building 65 bus circle.
- **Knee and foot abrasion**
 - The Business Process Analyst slipped on a eucalyptus tree nut on the pavement while walking from the Q stack parking lot (by B75) to B76. The road surface walkway at this location is about a 18% grade.

Injury/Illness Cases – October 2012

Slip Trip Fall

- **Ankle strain**
 - The Chemist Postdoctoral Fellow miss-stepped while descending a stairway and twisted an ankle.
- **Foot strain**
 - The Directorate staff member miss-stepped off a curb and strained the foot while trying to catch a shuttle bus at the airport.

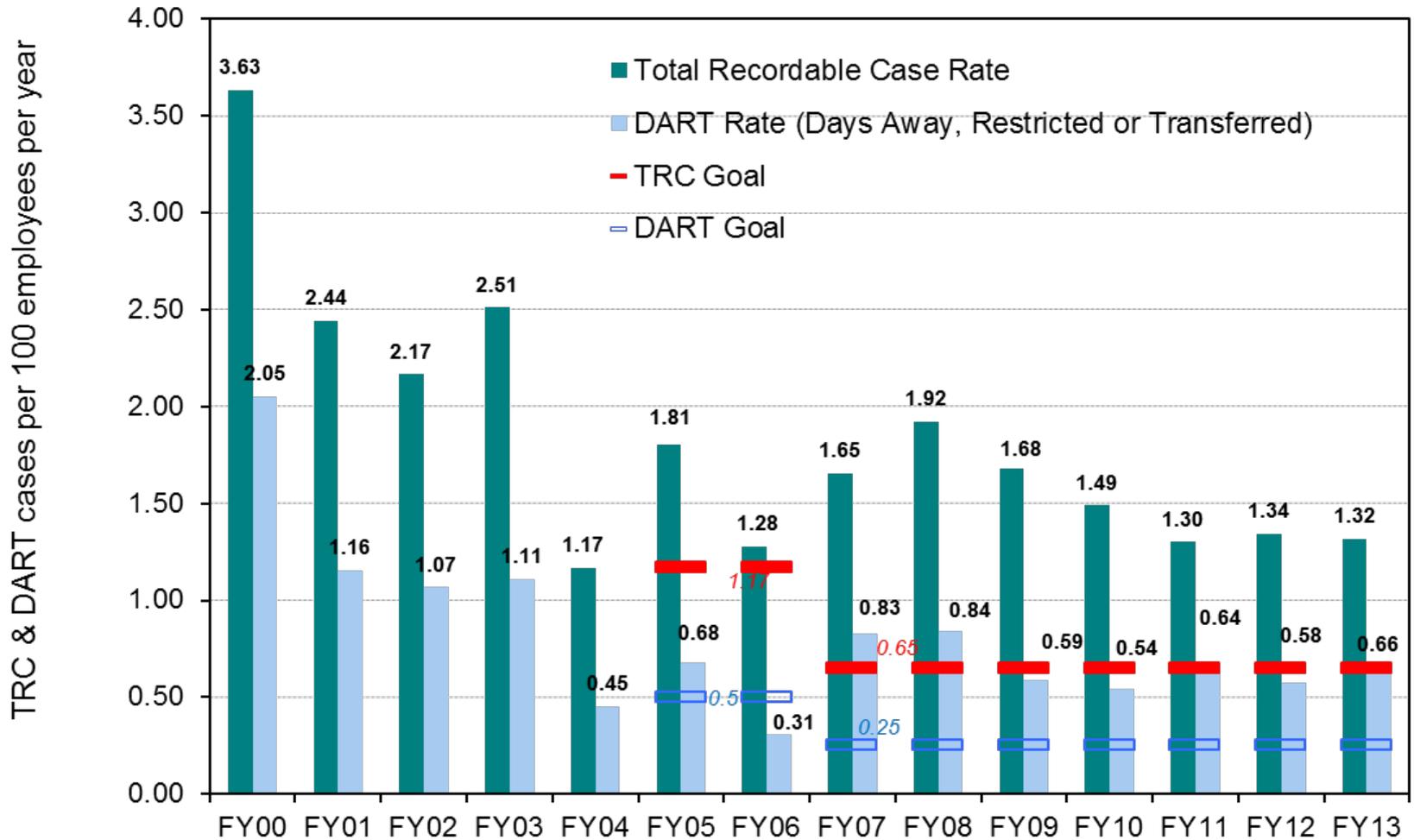
Injury/Illness Cases – October 2012

Chemical

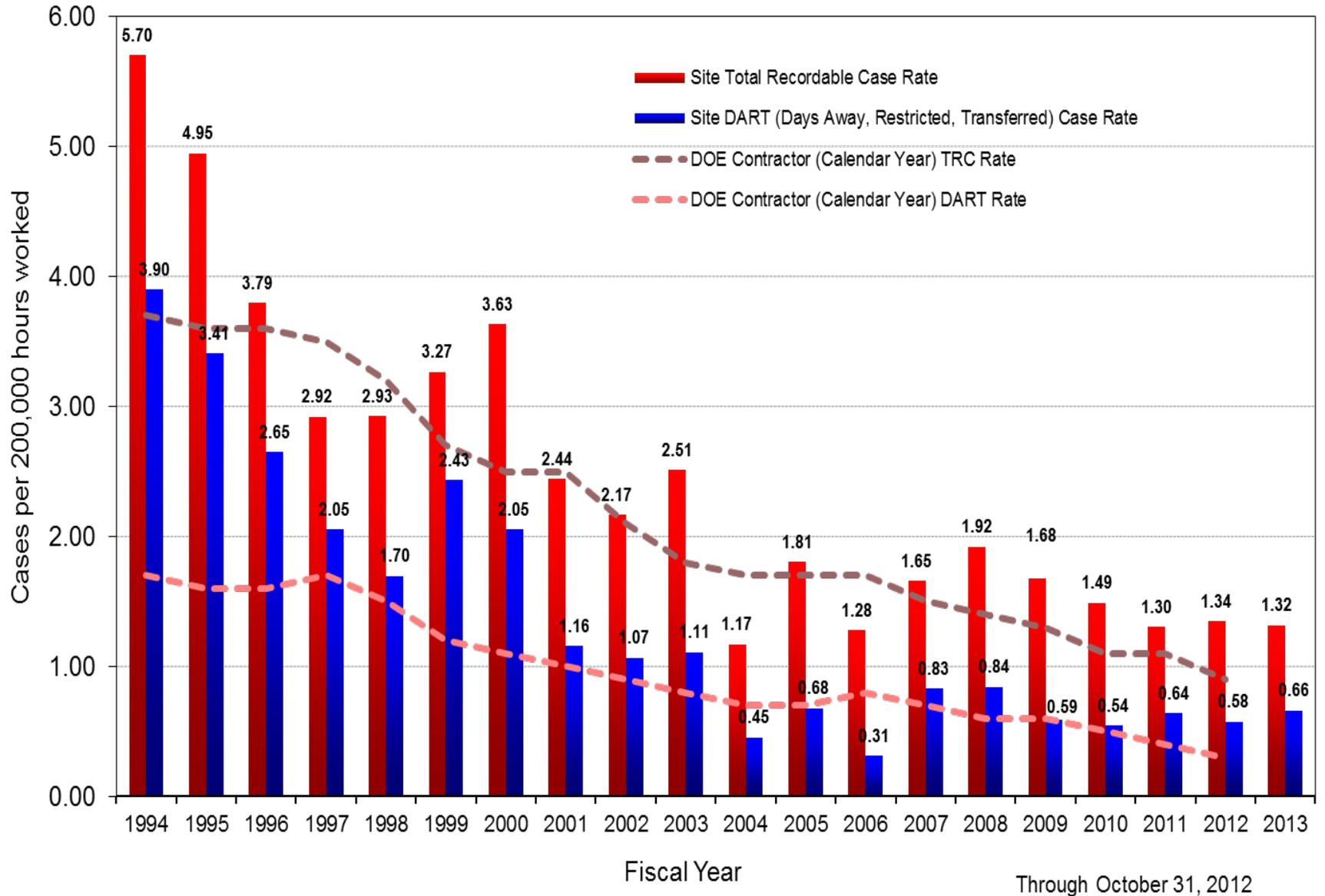
- **Ozone exposure**
 - The Guest Postdoctoral Fellow experienced some discomfort after working in the enclosed beamline hutch. It was determined that a filter had been defeated that allowed the bright x-ray beam to interact with ambient atmosphere at full intensity to generate ozone.
- **Possible chemical irritation of eye**
 - The Guest Student Assistant experienced irritation of the eye after leaving the laboratory for the day.

Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)
Through October 31, 2012

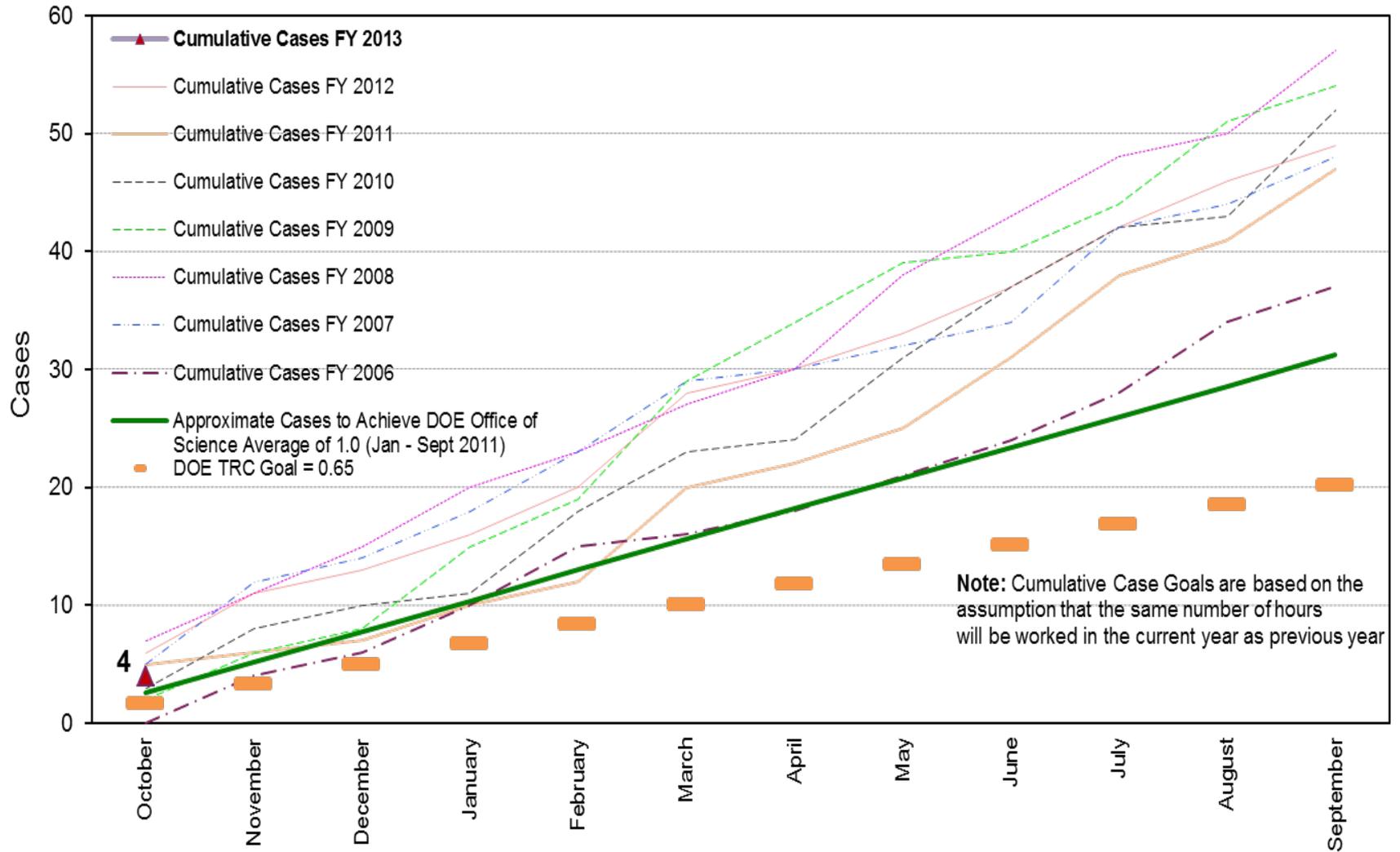


Berkeley Lab Site Accident Rates

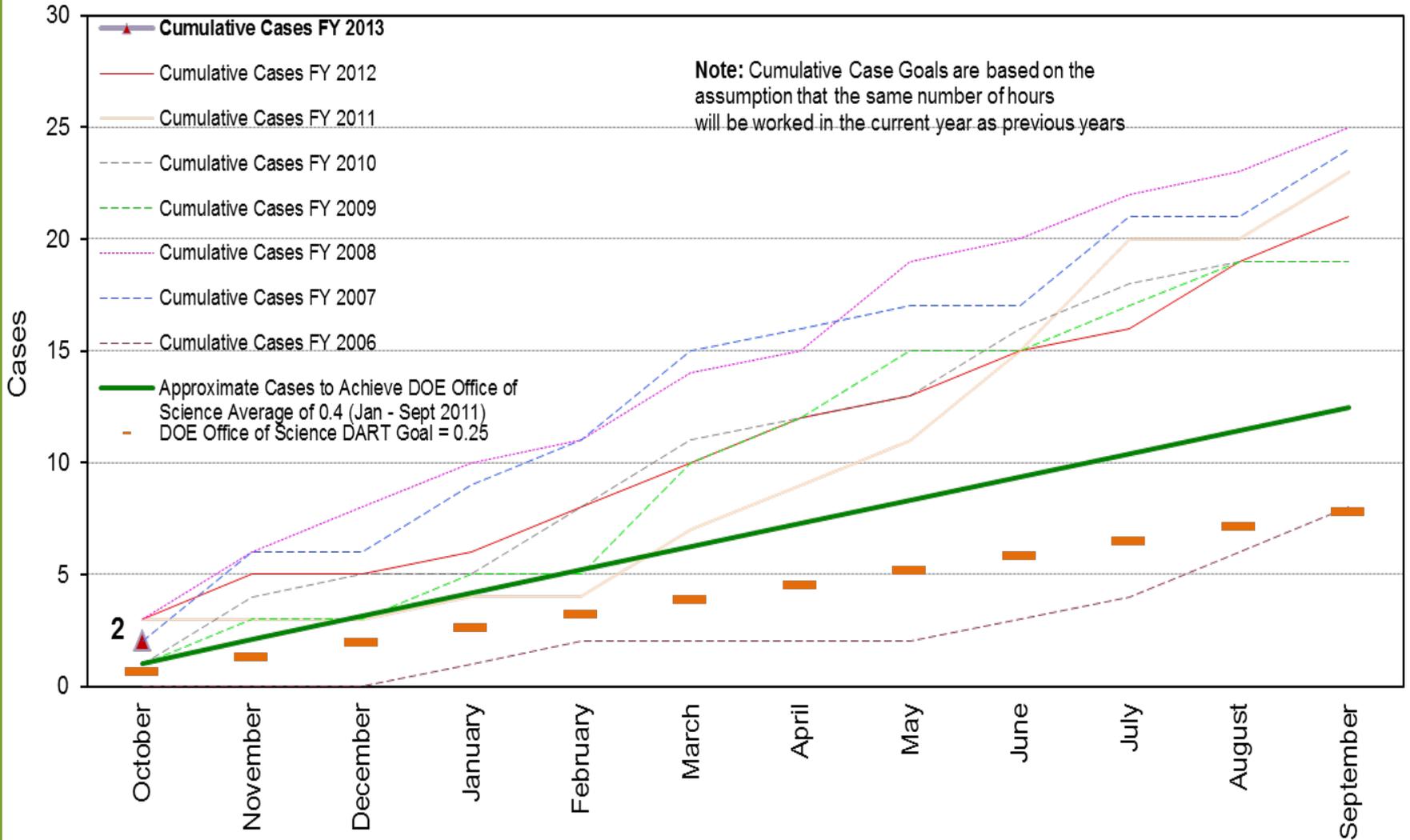


Through October 31, 2012

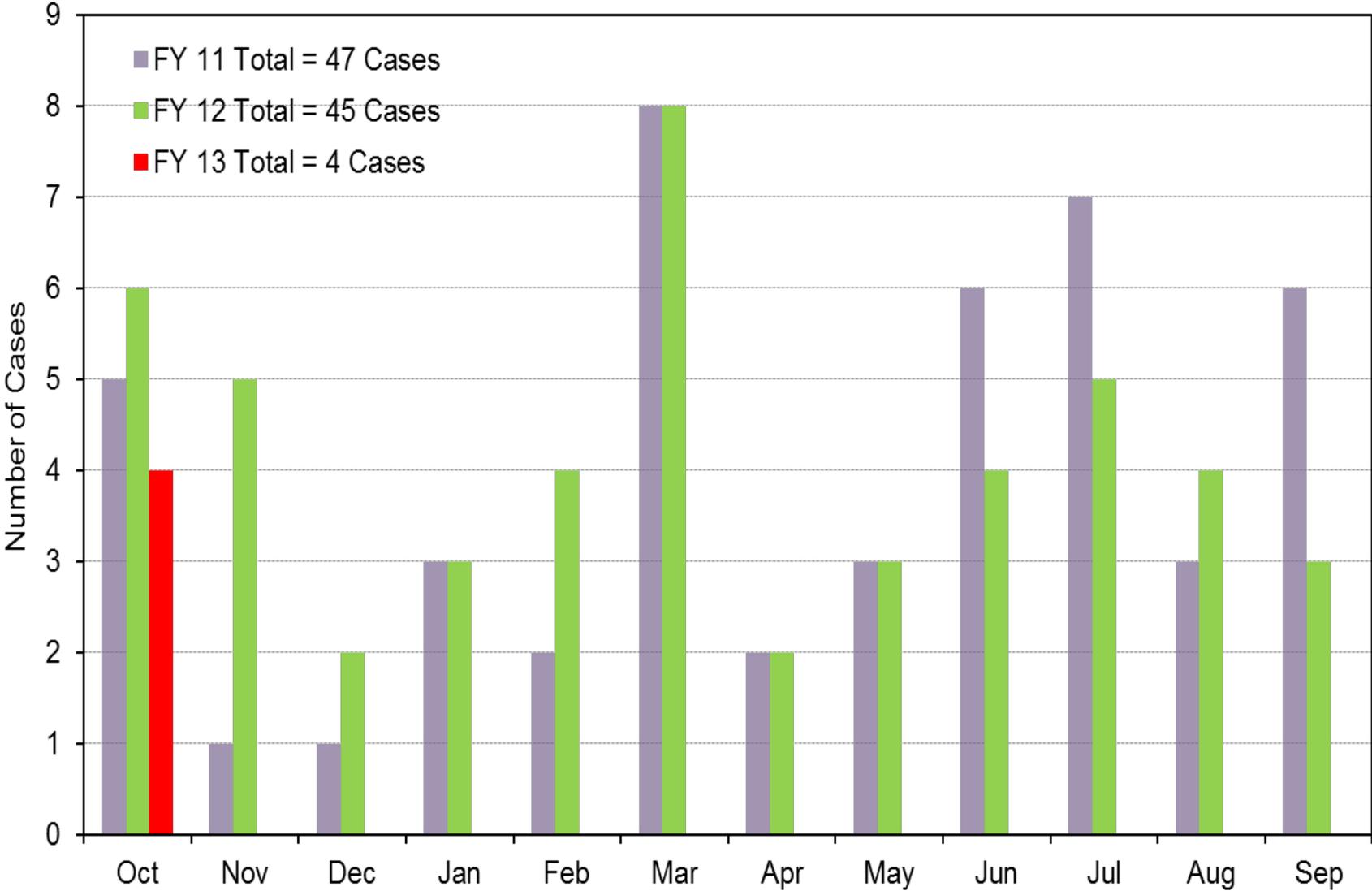
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



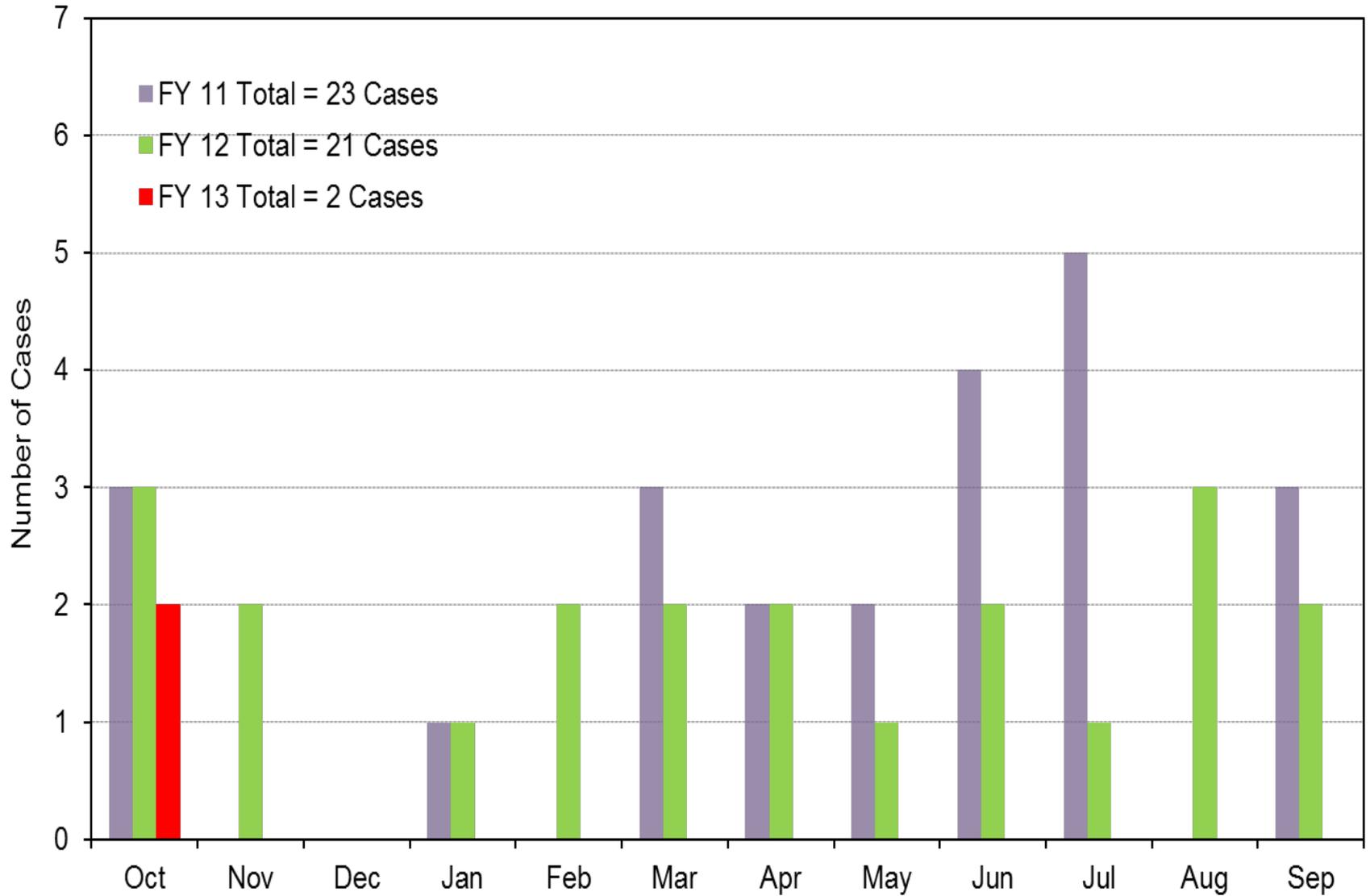
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

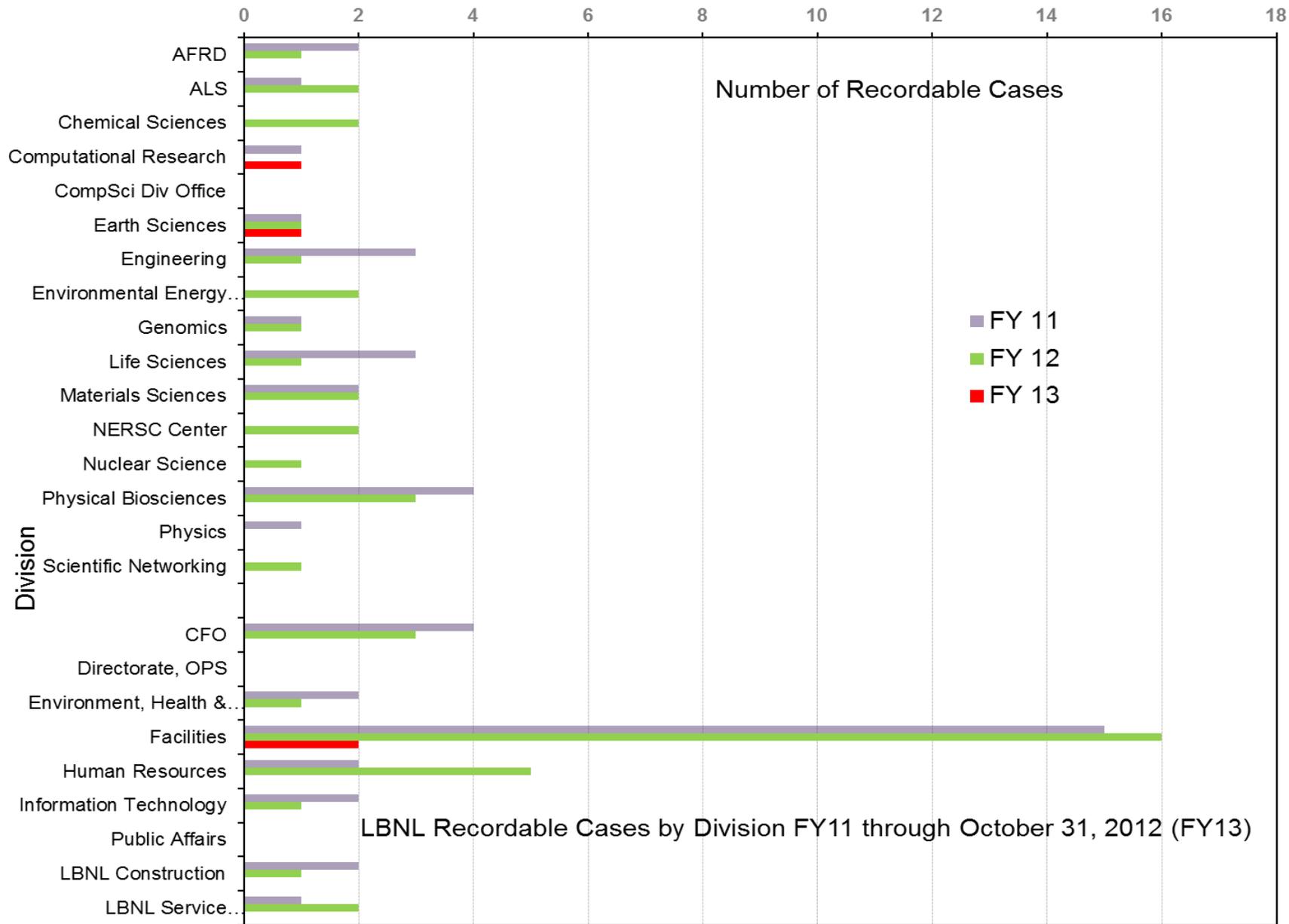


LBNL Recordable Cases FY11 through October 31, 2012 (FY13)

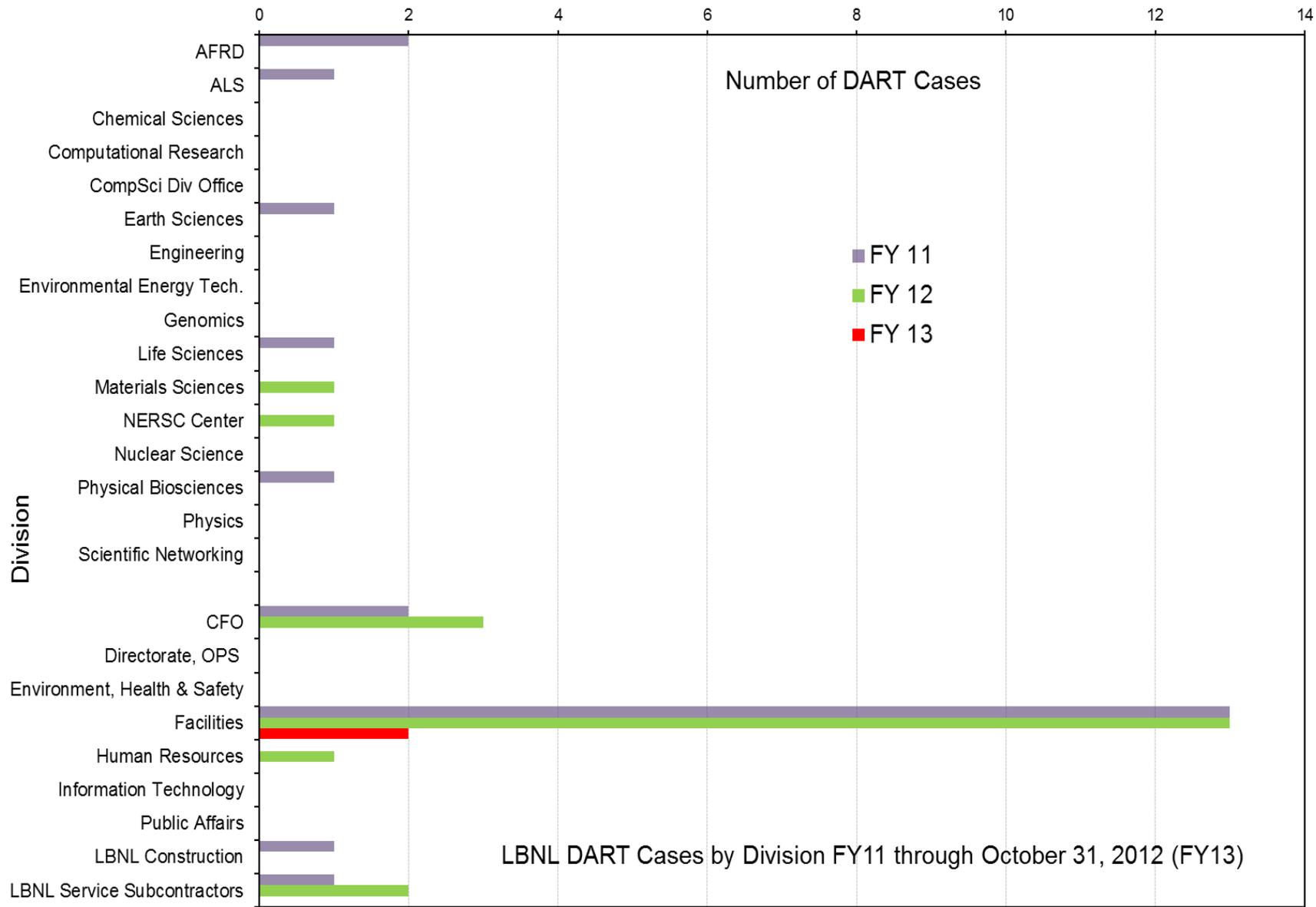


LBNL DART Cases FY11 through October 31, 2012 (FY13)



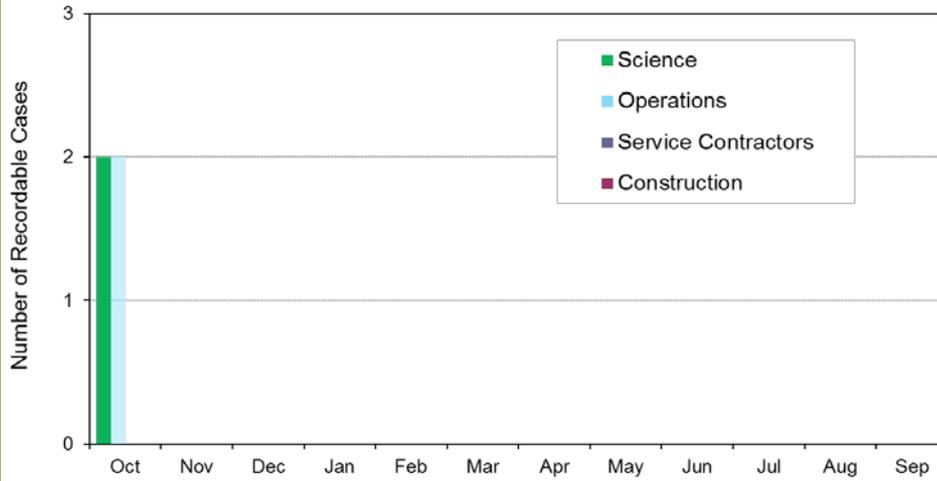


LBNL Recordable Cases by Division FY11 through October 31, 2012 (FY13)

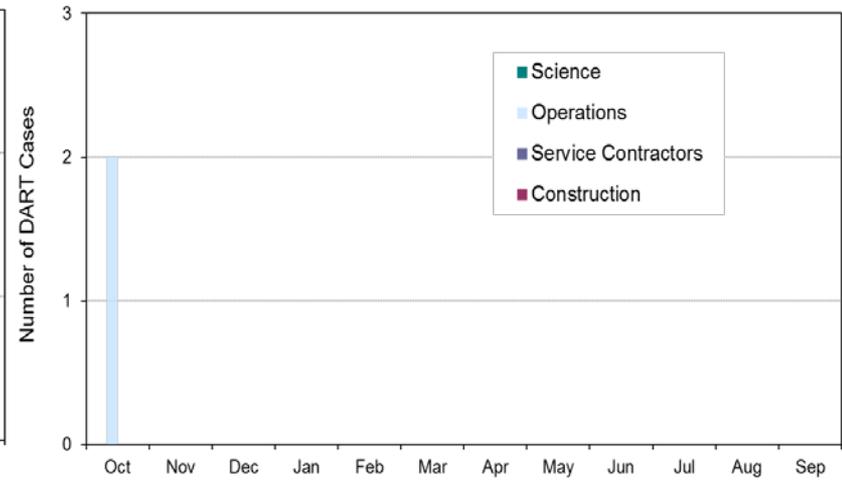


LBNL DART Cases by Division FY11 through October 31, 2012 (FY13)

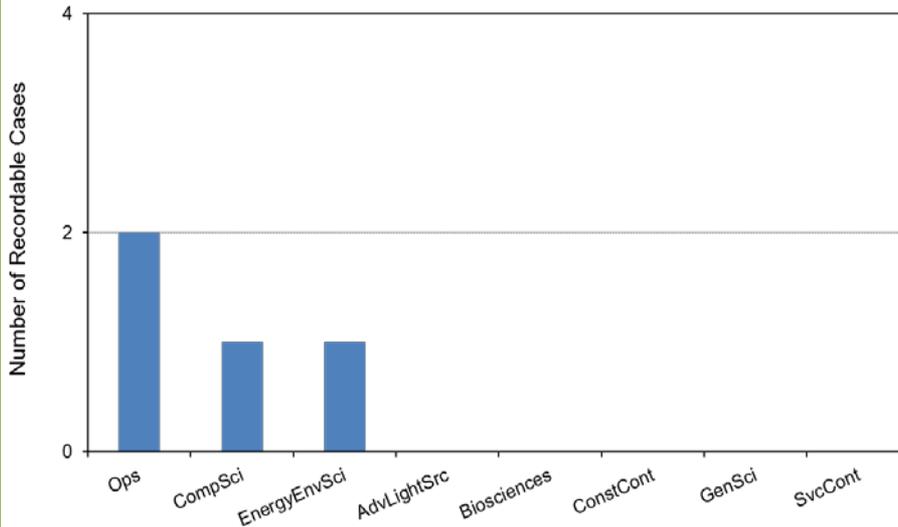
Recordable Cases by LBNL Major Organization
FY 2013 To Date October 31, 2012



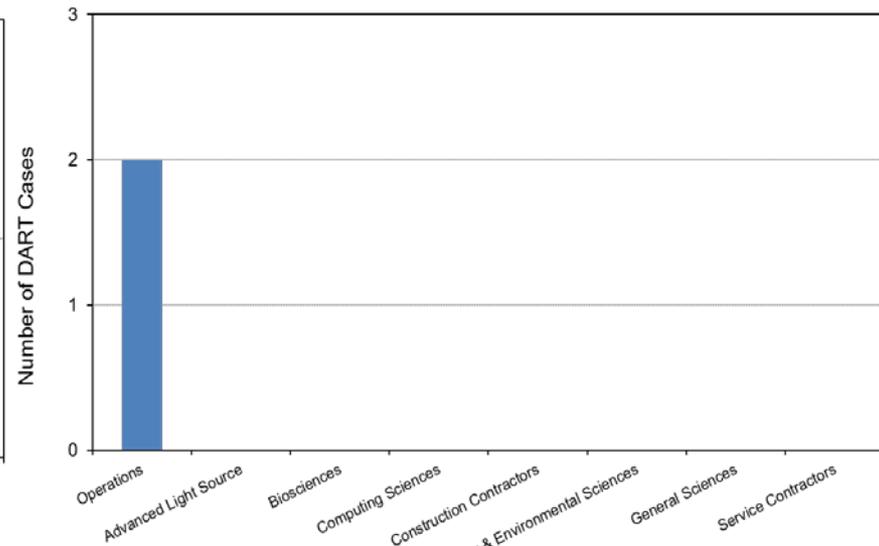
DART Cases by LBNL Major Organization
FY 2013 To Date October 31, 2012



Recordable Cases by Directorate
FY 2013 To Date October 31, 2012

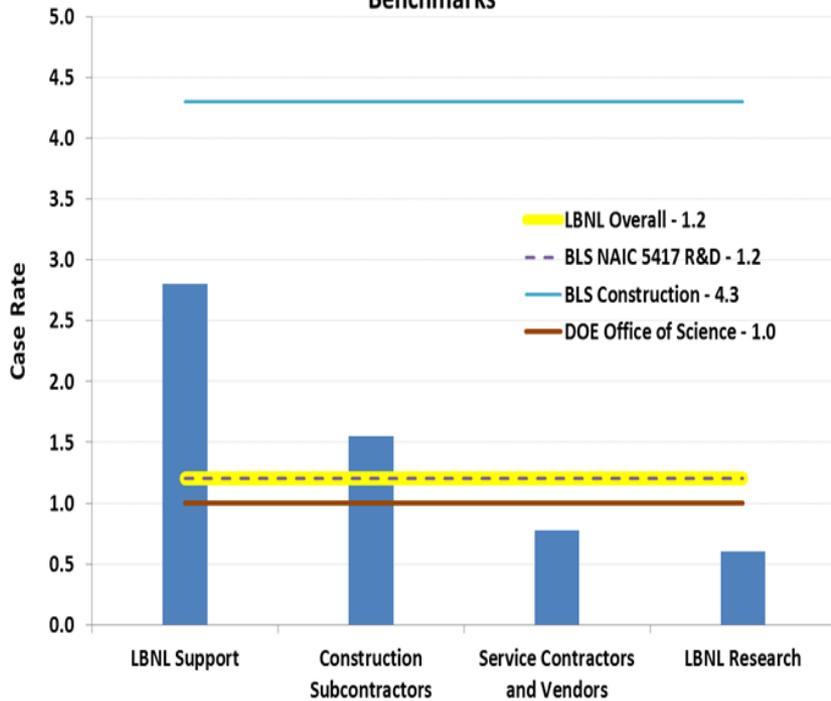


DART Cases by Directorate
FY 2013 To Date October 31, 2012

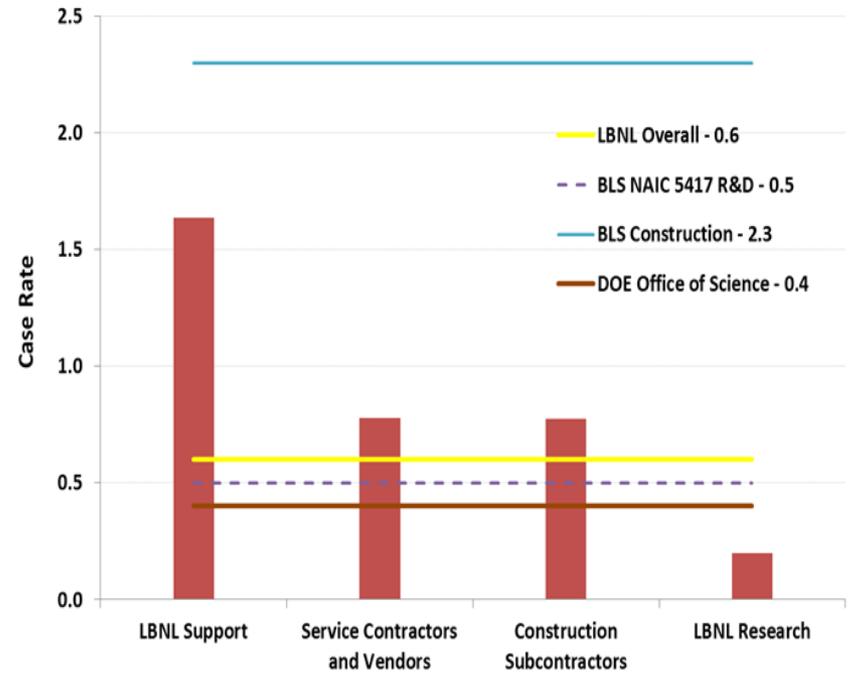


FY 2011 Summary Reference

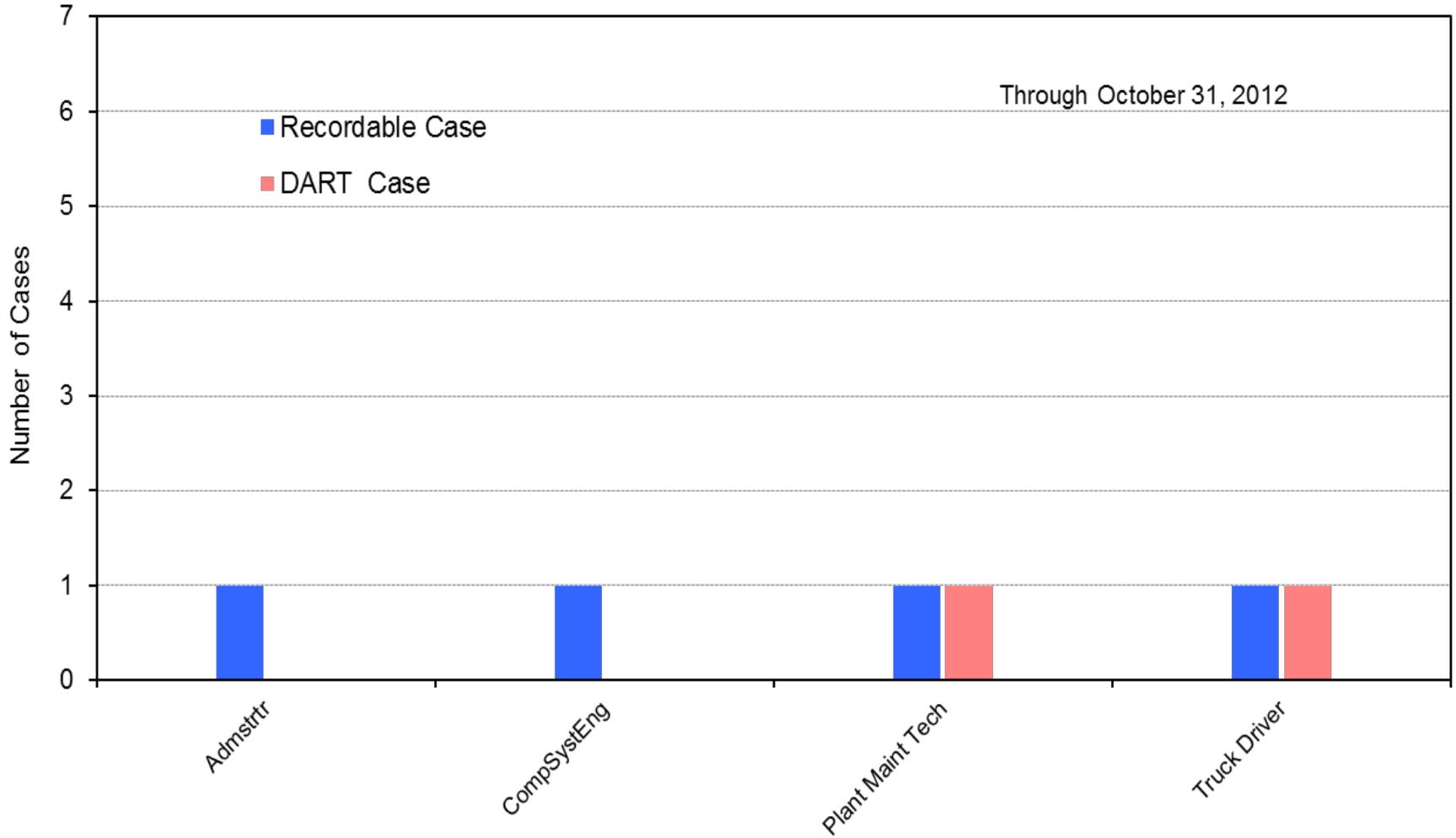
FY 2011 Recordable Case Rate by DOE Reporting Organization with Benchmarks



FY 2011 DART Case Rate by DOE Reporting Organization with Benchmarks

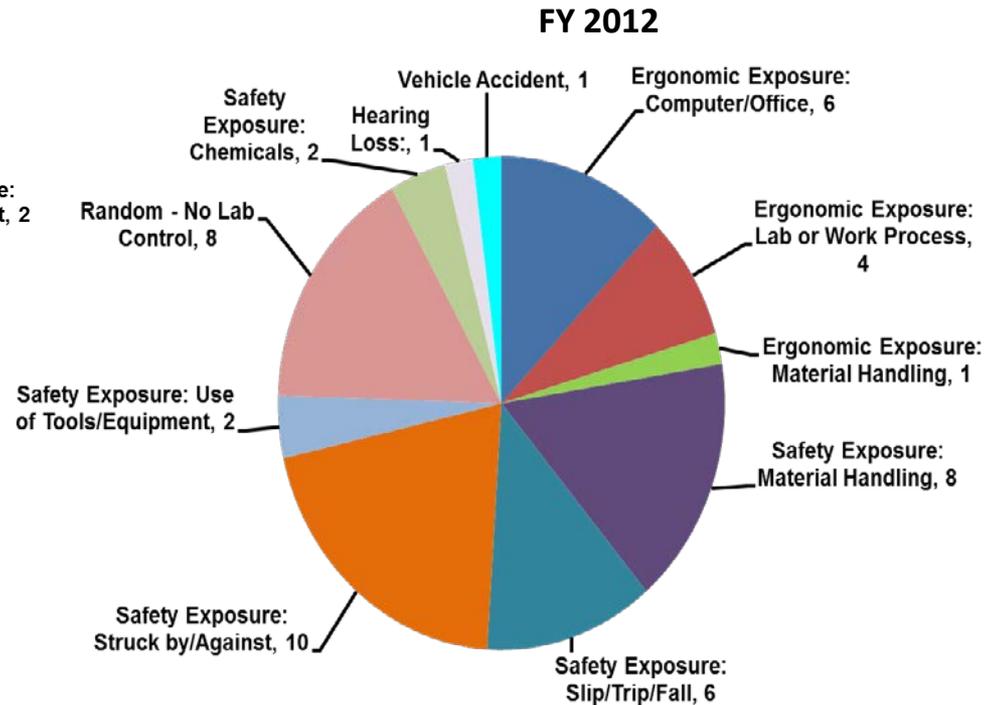
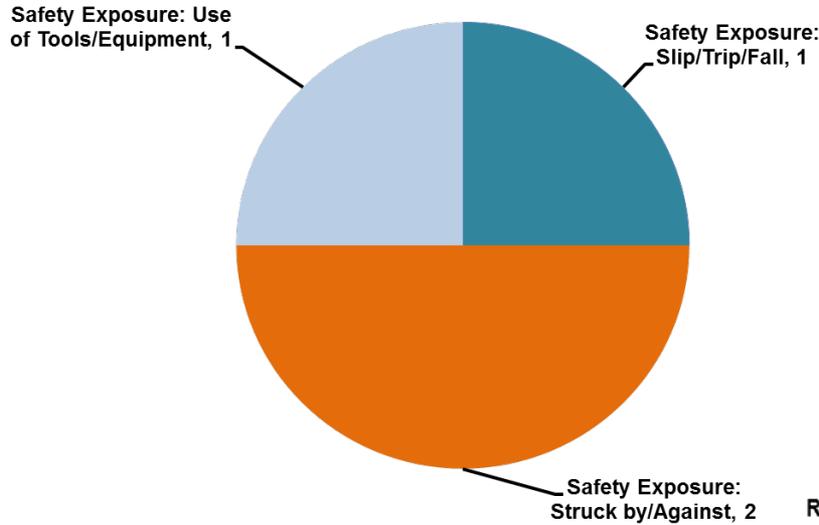


Recordable and DART Cases by Job Classification

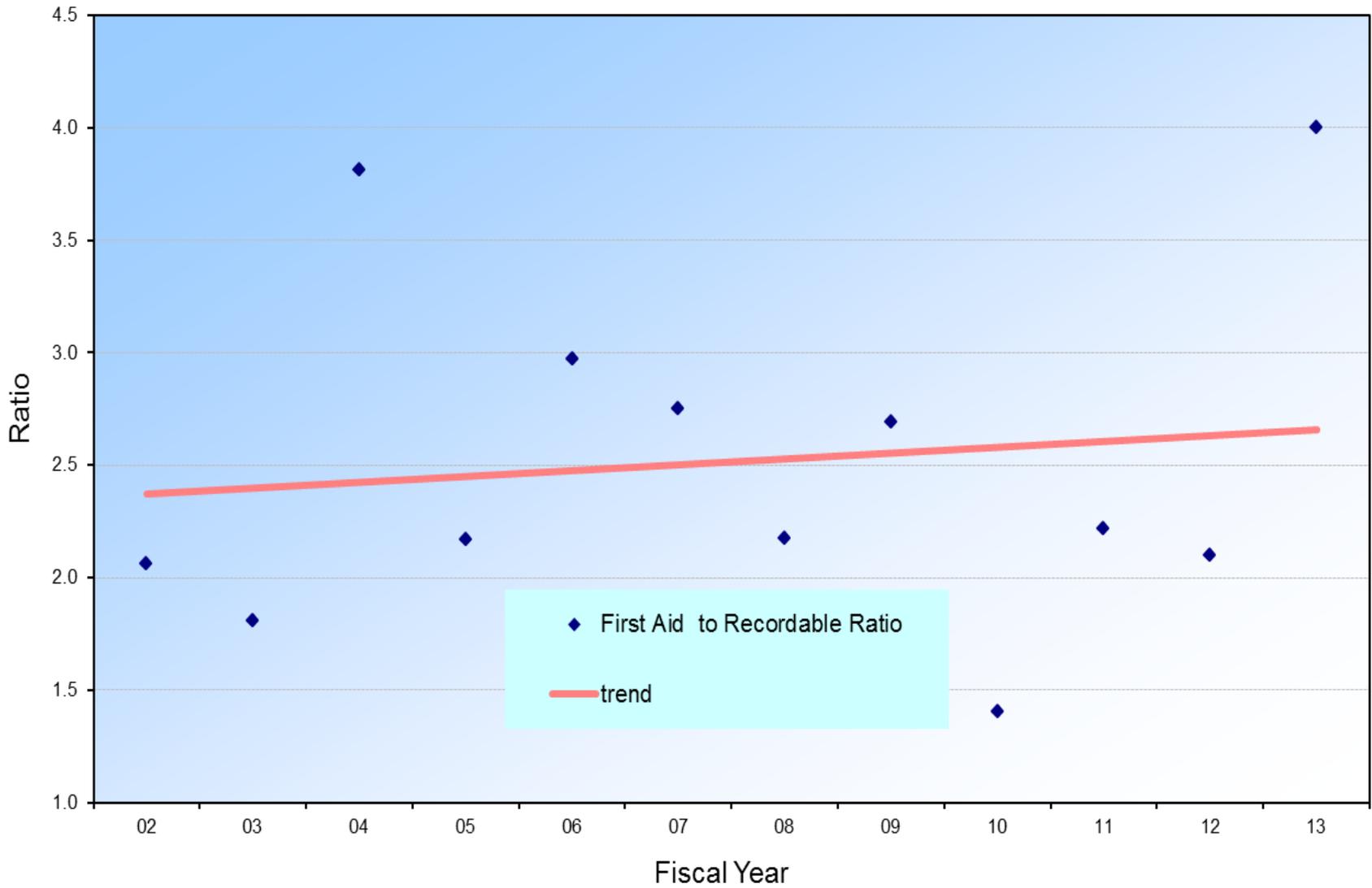


Recordable Injury Categories and Causes

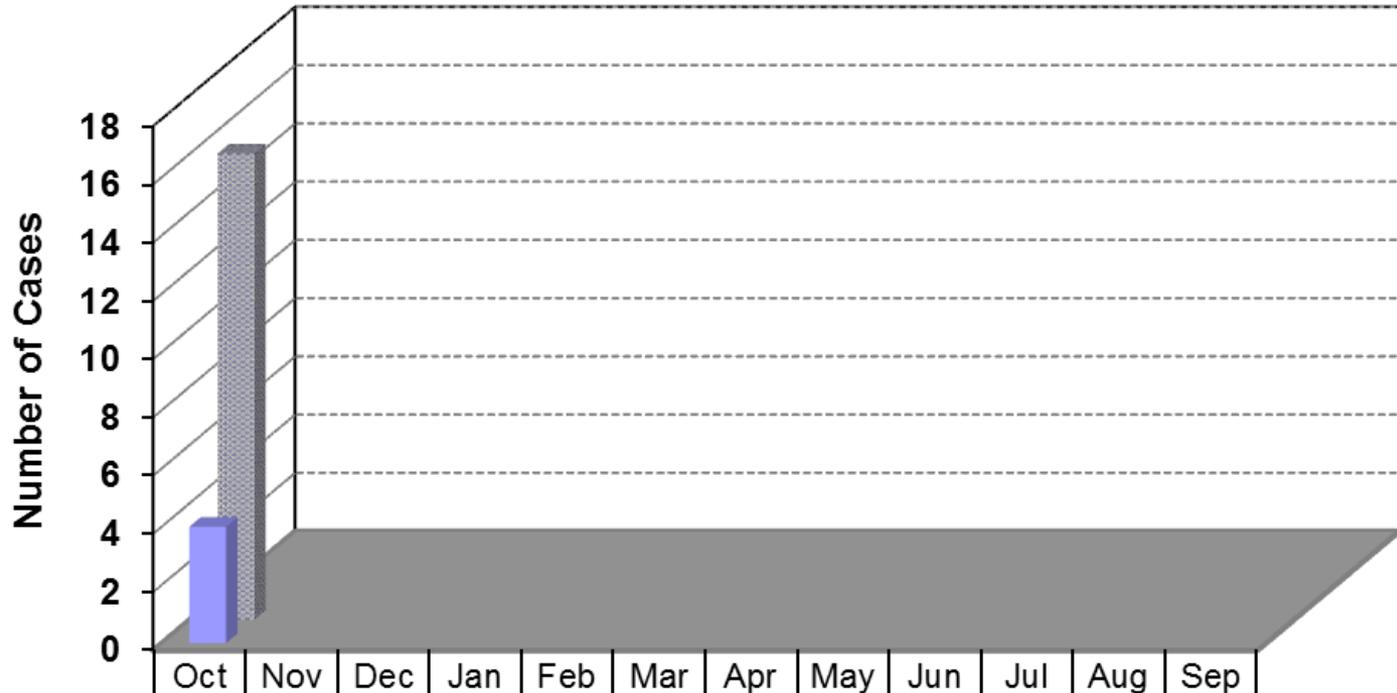
FY 2013 through 10/31/12



First Aid to Recordable Case Ratio through October 31, 2012

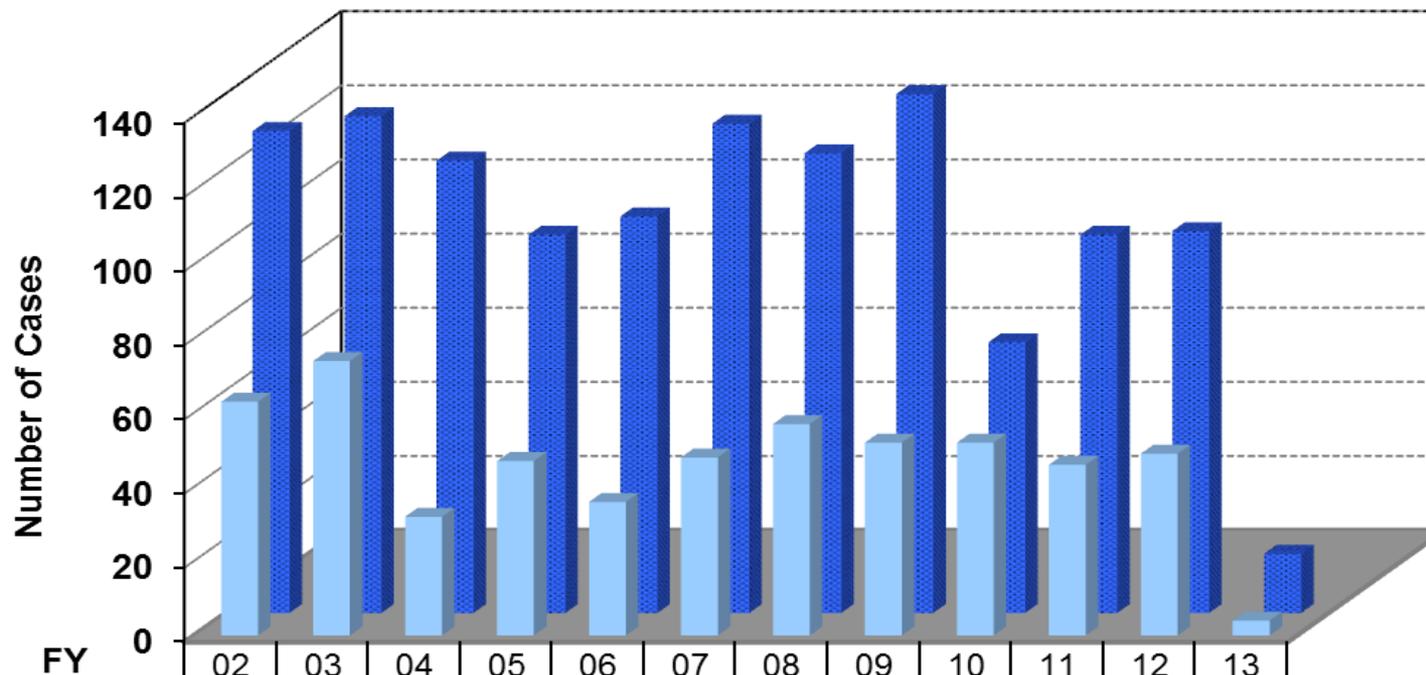


FY2013 First Aid to Recordable Comparison by Month through October 31, 2012



■ REC	4											
■ FA	16											
FA to REC Ratio	4.0											
% of Total as FA	80											
% of Total as REC	20											

FY02 to FY2013 First Aid to Recordable Comparison by Year through October 31, 2012



■ REC	63	74	32	47	36	48	57	52	52	46	49	4
■ FA	130	134	122	102	107	132	124	140	73	102	103	16
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.2	2.10	4.00
% of Total as FA	67	64	79	68	75	73	69	73	58	69	68	80
% of Total as REC	33	36	21	32	25	27	31	27	42	31	32	20

LBNL Total Recordable Cases October 1, 2012 - September 30, 2013 (FY13)

	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total YTD
LBNL Research													
Computing Sciences	1	0	0	0	0	0	0	0	0	0	0	0	1
Computational Research	1	0	0	0	0	0	0	0	0	0	0	0	1
Division Office	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
General Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRD	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
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
Energy & Environmental Sciences	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	0	0	0	0	0	0	0	0	0	0	0	1
Environmental Energy Tech.	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
Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
Life Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Biosciences	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
LBNL Research Sub-Total	2	0	0	0	0	0	0	0	0	0	0	0	2
LBNL Operations													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	0	0	0	0	0	0	0	0	0	0	0	2
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
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
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
LBNL Operations Sub-Total	2	0	0	0	0	0	0	0	0	0	0	0	2
LBNL Total	4	0	0	0	0	0	0	0	0	0	0	0	4
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	4	0	0	0	0	0	0	0	0	0	0	0	4
<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 10/31/12

Notes: Projections assume that hours worked will remain constant

LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2012 - September 30, 2013 (FY13)

	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Total YTD
LBNL Research													
Computing Sciences	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
Division Office	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
General Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
AFRD	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0	0	0	0
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
Energy & Environmental Sciences	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
Environmental Energy Tech.	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
Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Genomics	0	0	0	0	0	0	0	0	0	0	0	0	0
Life Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Biosciences	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
LBNL Research Sub-Total	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Operations													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	0	0	0	0	0	0	0	0	0	0	0	2
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
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
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
LBNL Operations Sub-Total	2	0	0	0	0	0	0	0	0	0	0	0	2
LBNL Total	2	0	0	0	0	0	0	0	0	0	0	0	2
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	2	0	0	0	0	0	0	0	0	0	0	0	2
<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 10/31/12

Notes: Projections assume that hours worked will remain constant



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