



Berkeley Lab Accident Statistics Through August 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 – August 2012

Ergonomic

- **Lower back strain**

- The Human Resources Assistant repetitively corrected workstation chair position due to uneven floor in temporary cubicle space. Over time the repetitive muscular stresses associated with “scooting” the chair caused a lower back strain.

- **Strain of shoulder region, neck and thumb**

- The Computer Science Postdoc Fellow experienced strain of multiple regions while using laptop computer at two different workstations and at home without a remote keyboard.

Injury/Illness Cases – August 2012

Ergonomic

- **Strain of upper extremities (forearm and above)**
 - The Administrator began experiencing discomfort symptoms after relocation to newly renovated space for several weeks and adjusting to new workstation furniture and layout.

- **Wrist, neck, and shoulder strain**
 - The Physicist Staff Scientist / Engineer experienced discomfort in the wrist after an intense mouse use episode.

Injury/Illness Cases – August 2012

Material Handling

- **Strain of forearm and upper arm**

- The Carpenter had performed workstation modifications in six cubicles for a customer during the work shift. After removing and reinstalling multiple heavy desk and shelving units without assistance, the employee noted pain and discomfort in the upper extremities the following day.

- **Strain of lower back**

- The Electrician had noted some back discomfort several months ago and then again recently while pulling cables through a floor chase requiring awkward positioning and less than optimal body mechanics. The discomfort was aggravated while lifting and moving a ladder.

Injury/Illness Cases – August 2012

Slip Trip Fall

- **Foot fracture**

- The Travel Assistant suffered a fracture and torn ligaments while descending the parking garage stairs at Building 971. The employee's ankle rolled while stepping from one to the next tread down. The employee fell backward onto the stairway.

- **Ankle sprain**

- The Interlocation Appointment Analyst rolled the ankle while descending the aisle way in the Building 50 auditorium.

Injury/Illness Cases – August 2012

Trauma

- **Contusion**

- The Safety Engineer/Specialist was adjusting the armrest on a client's chair and moved the armrest back and forth to test the adjustment. While moving the armrest the employee's finger was caught in a pinch point created by the articulating components of the armrest.

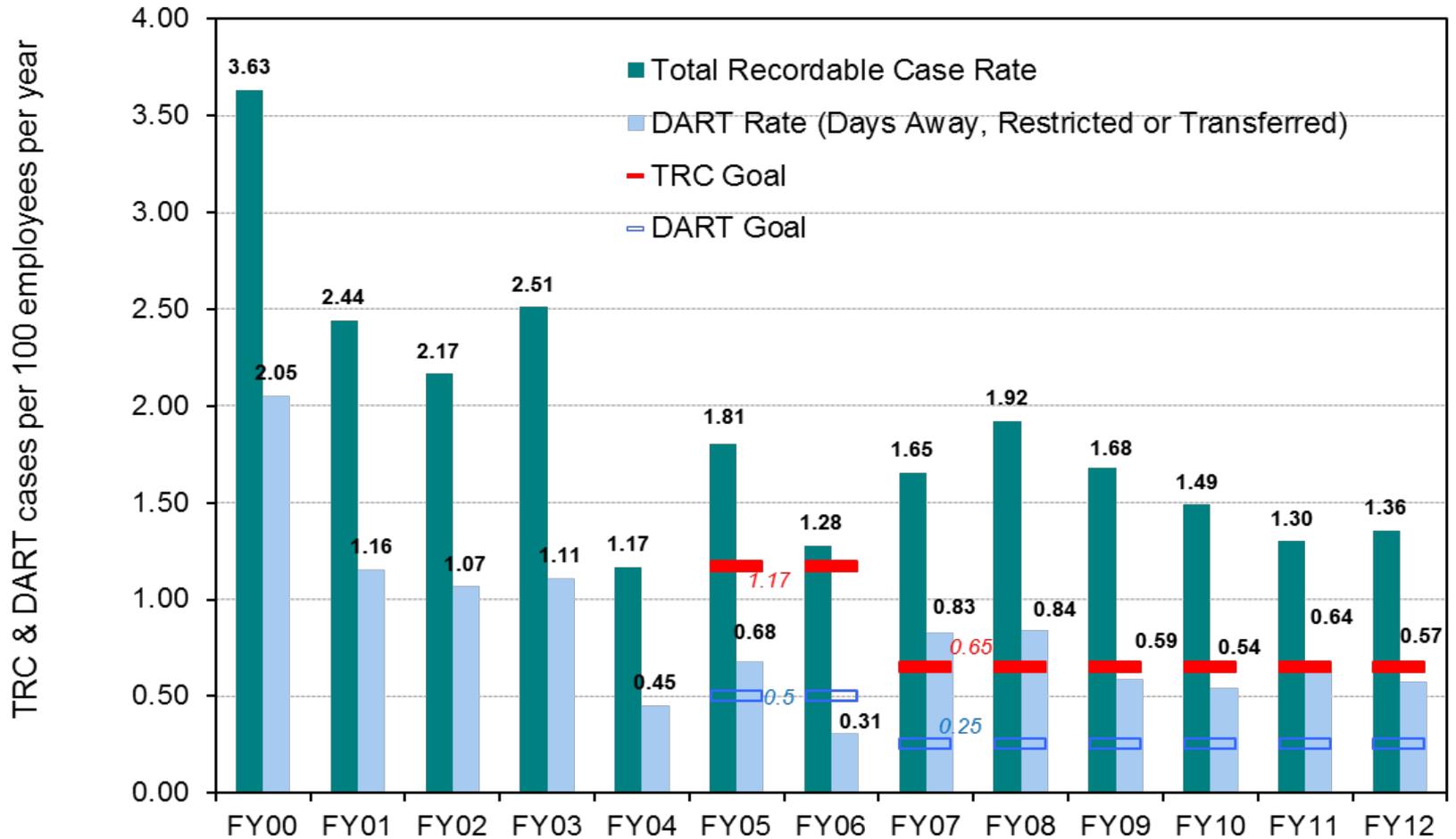
Report Only

- **Scratch noted on finger after performing work with human tissue**

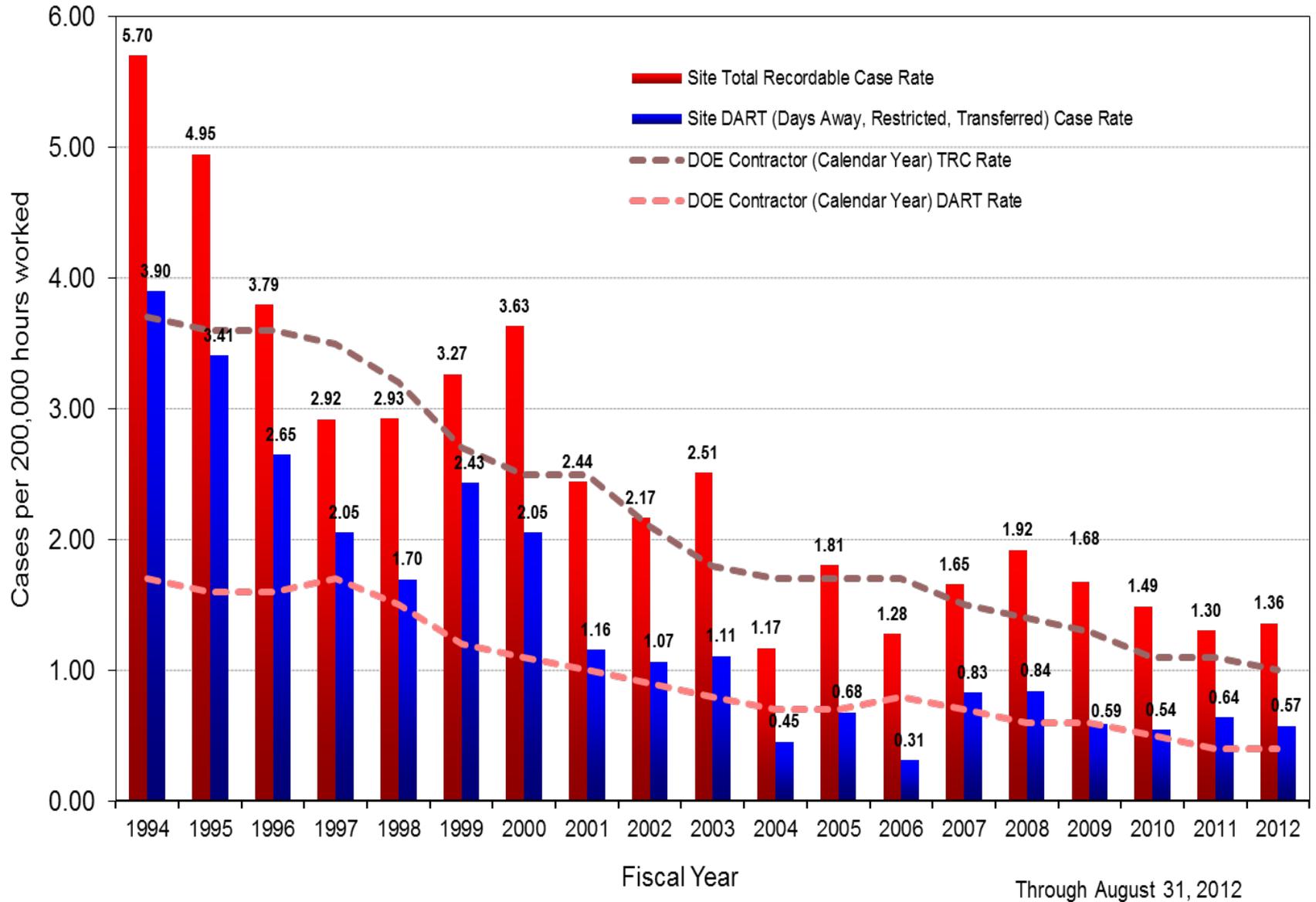
- The Guest Graduate Student Research Assistant reported a scratch of unknown origin on the finger several days after performing some human tissue work in the laboratory. The employee had used appropriate personal protective equipment, including gloves, during the work.

Berkeley Lab Site-Wide TRC & DART Rates

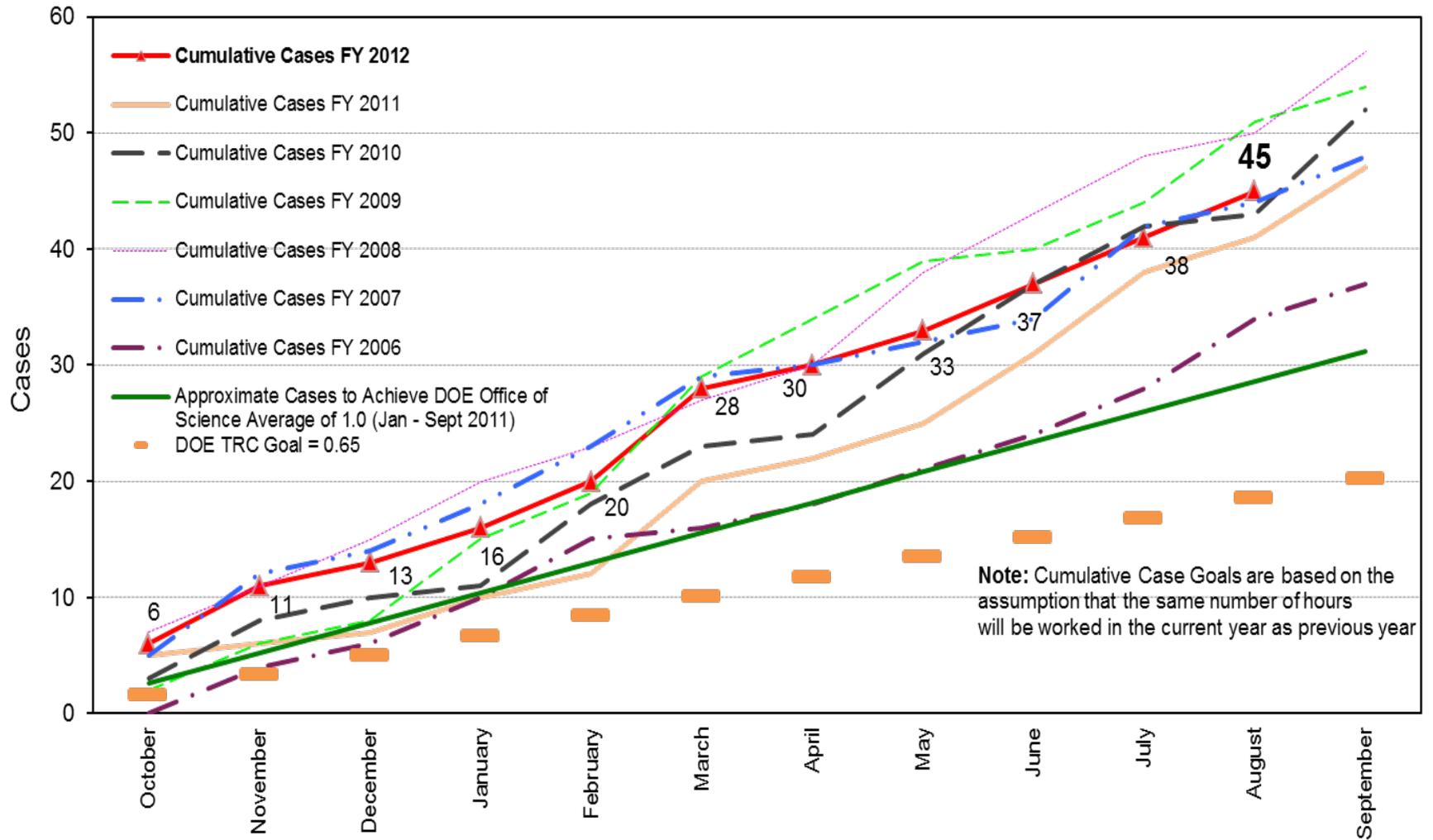
(Includes all Construction and Service Contractors)
Through August 31, 2012



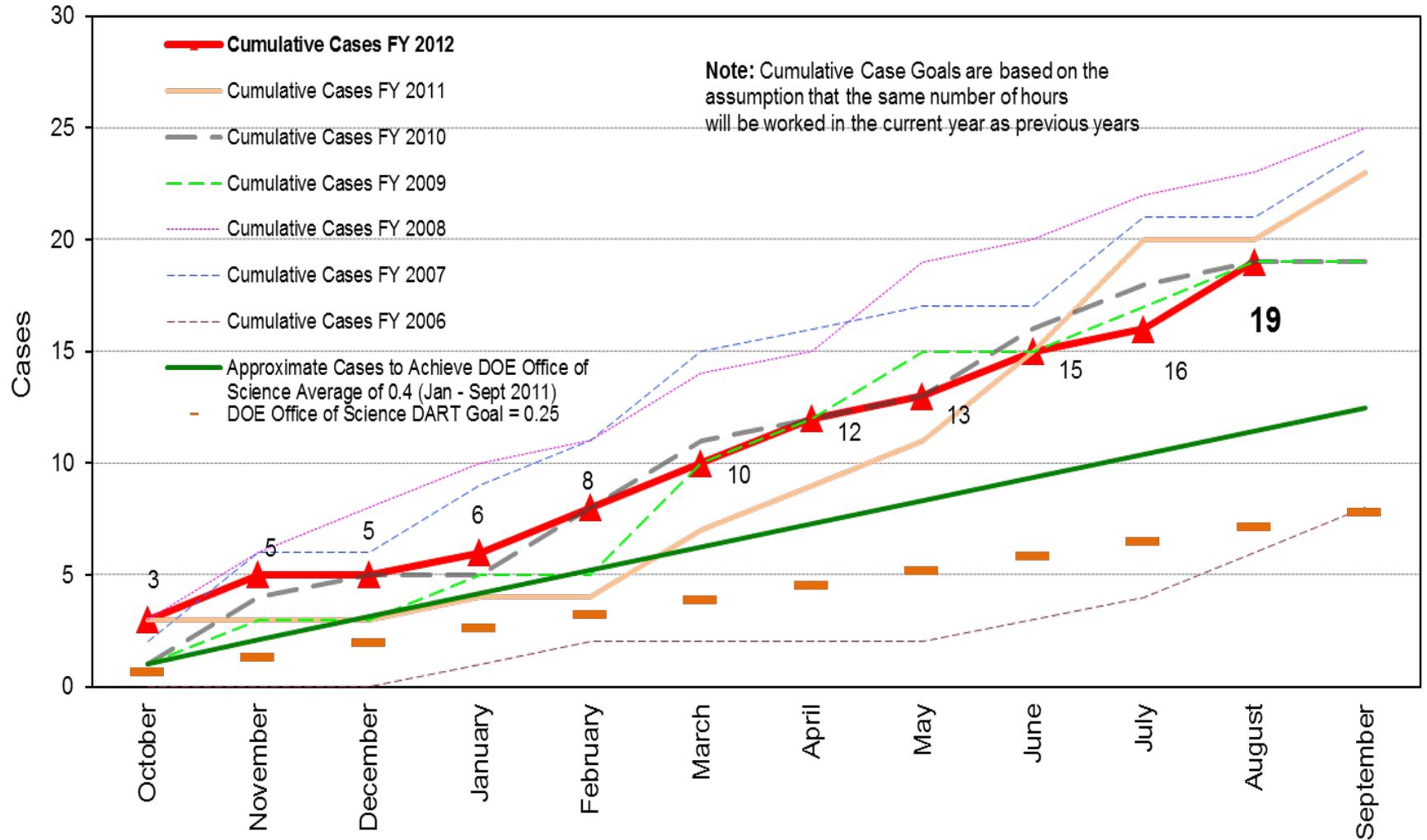
Berkeley Lab Site Accident Rates



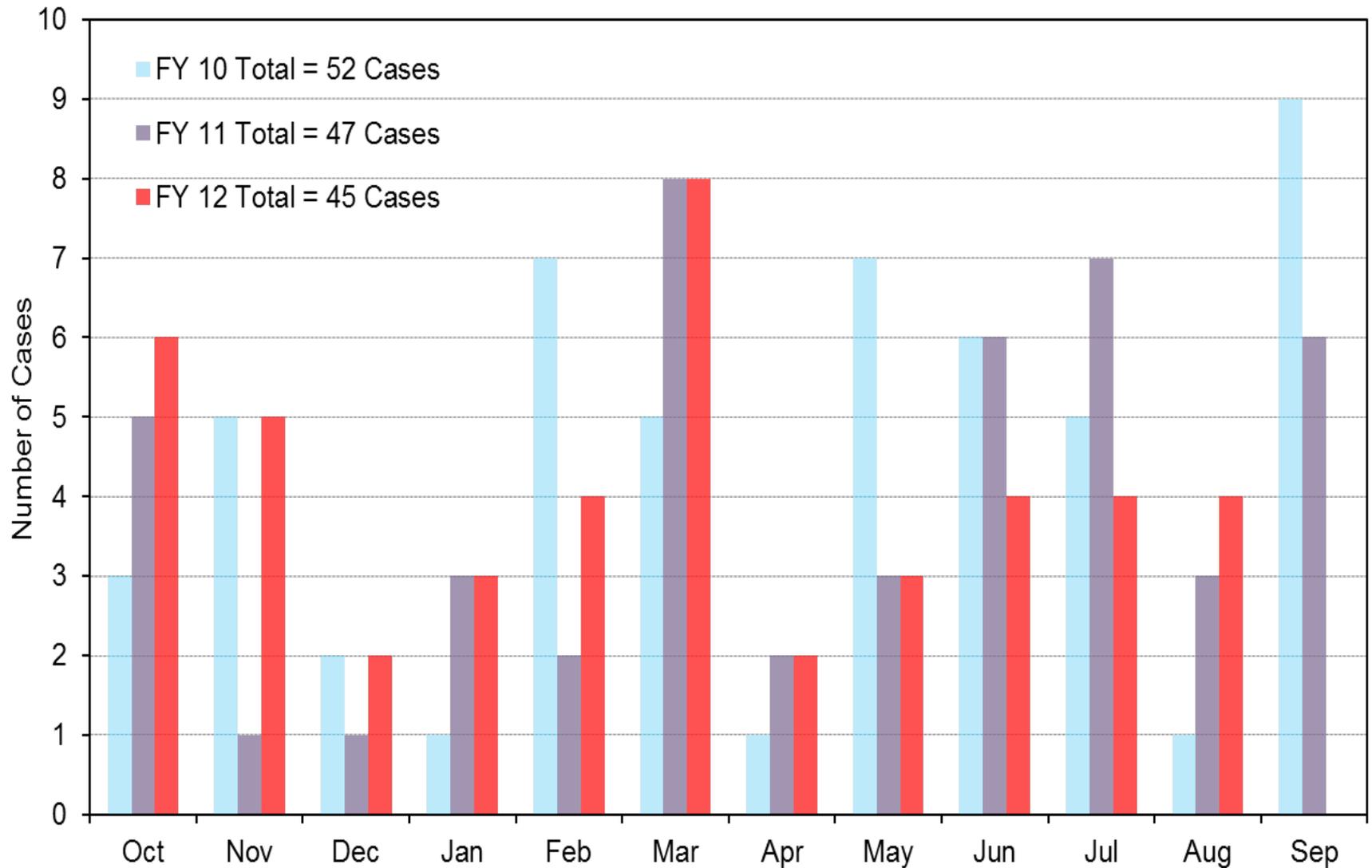
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



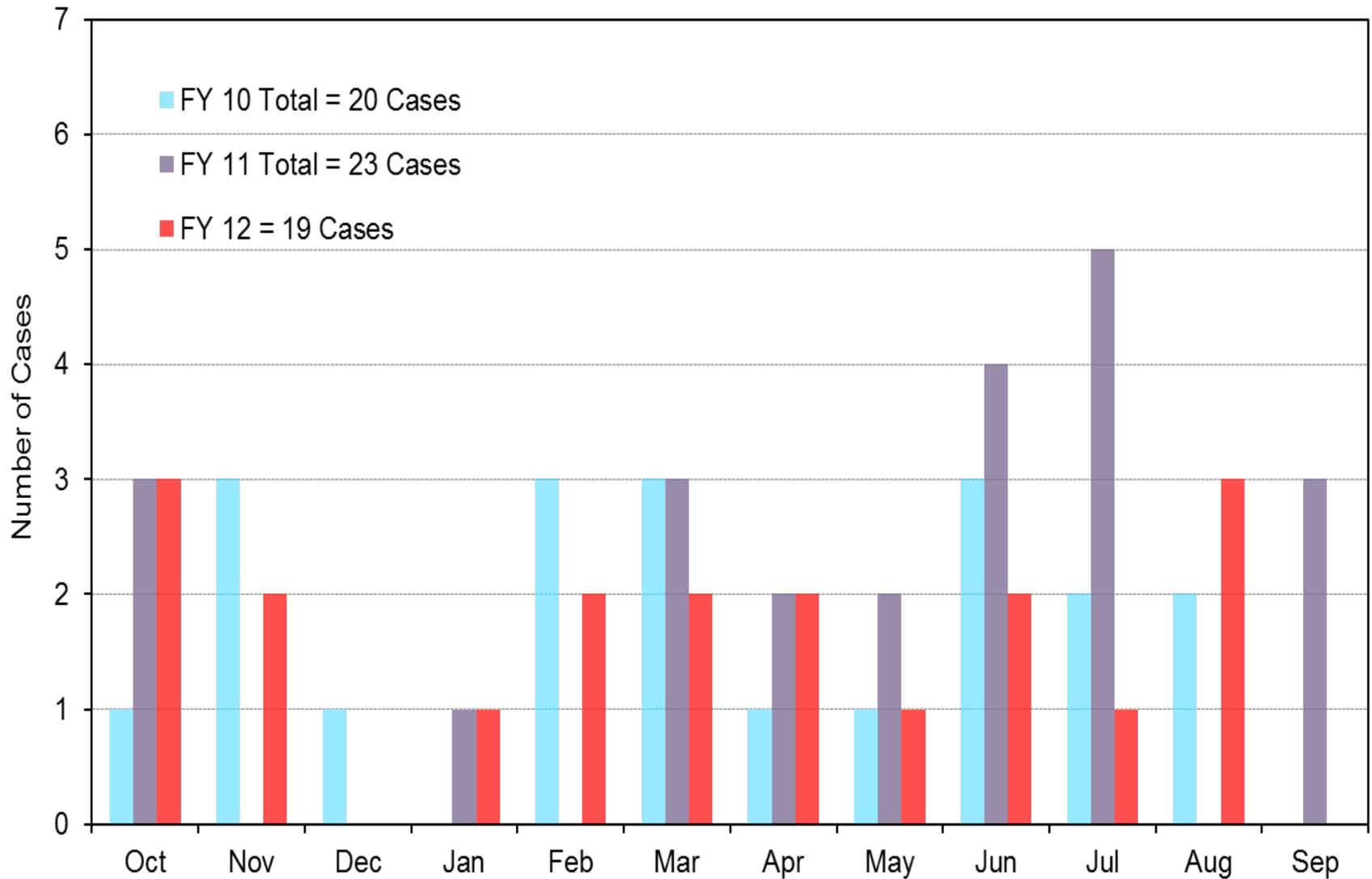
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

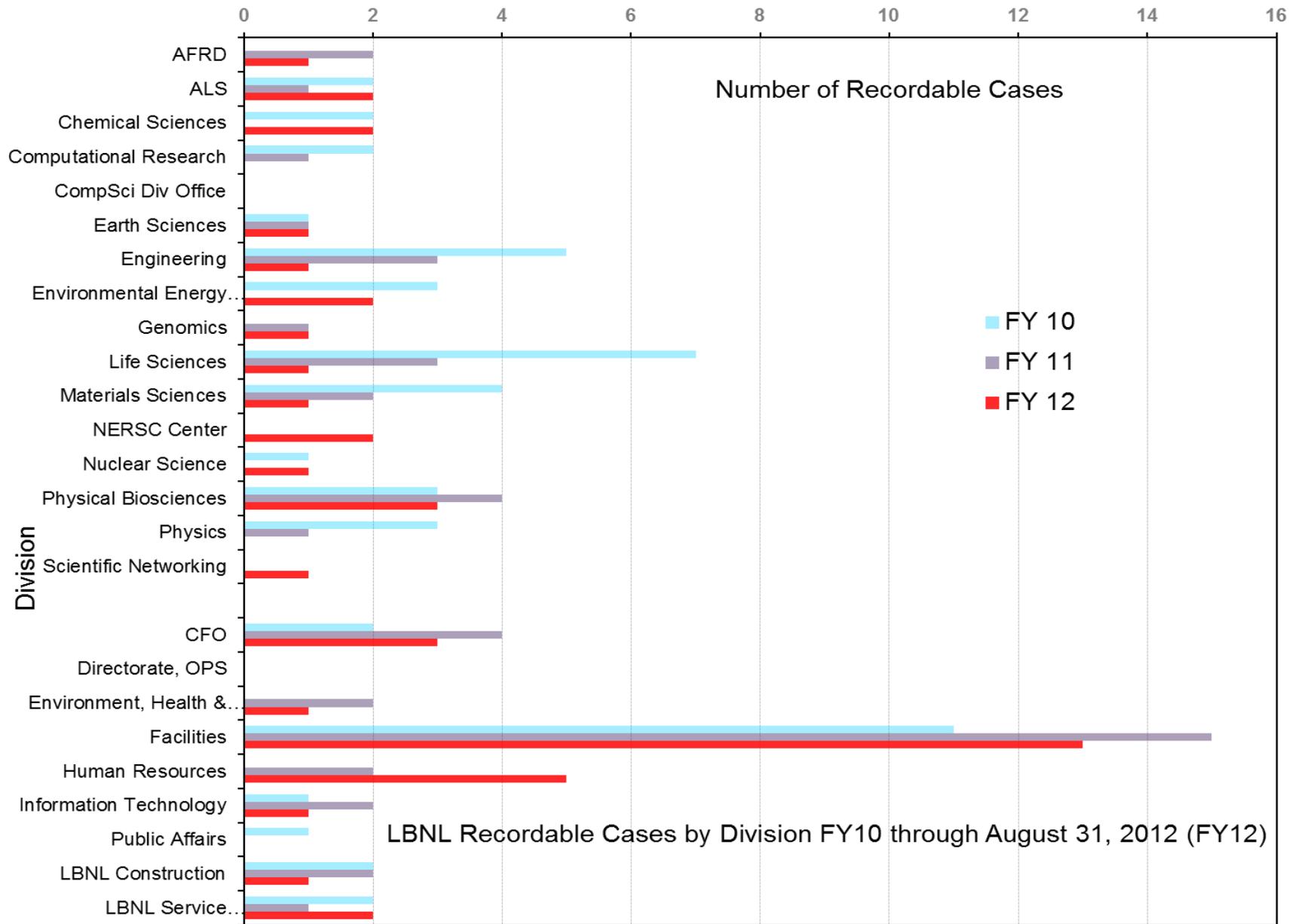


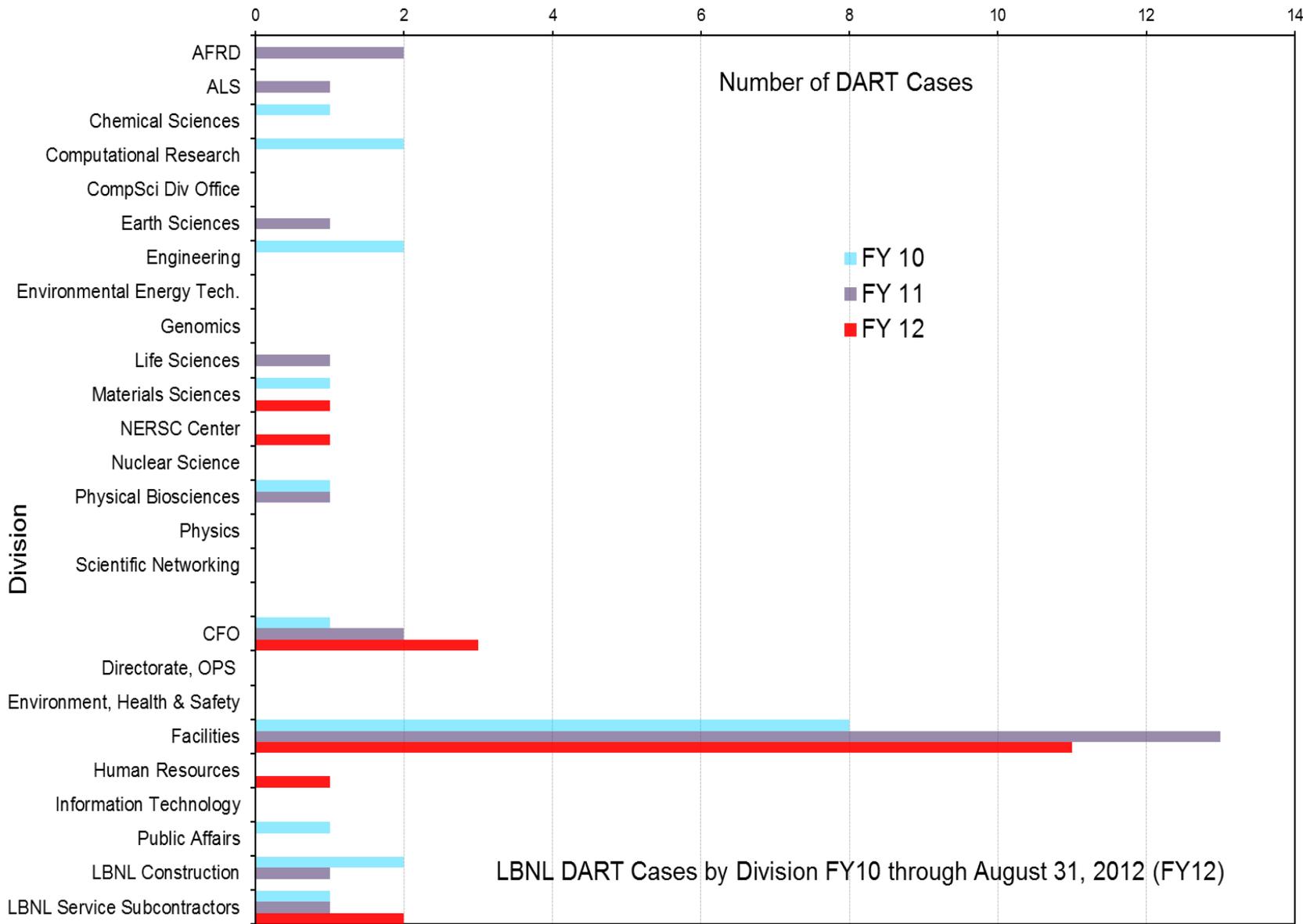
LBNL Recordable Cases FY10 through August 31, 2012 (FY12)



LBNL DART Cases FY10 through August 31, 2012 (FY12)

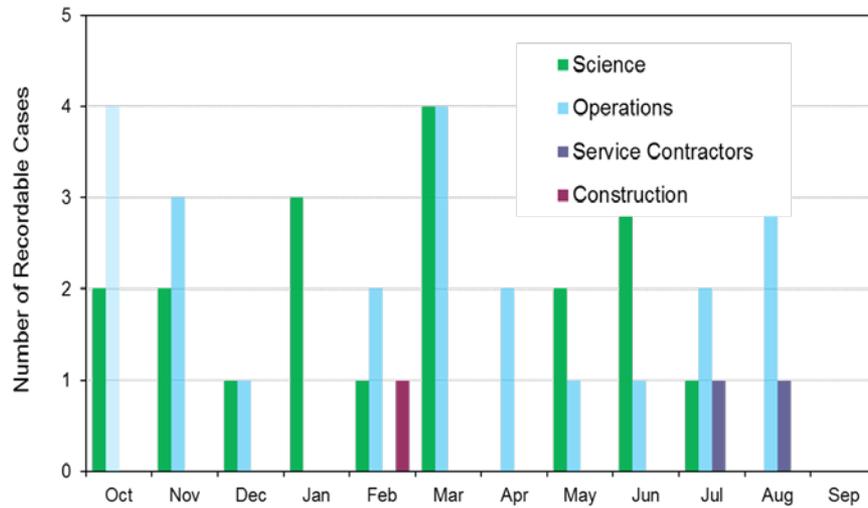




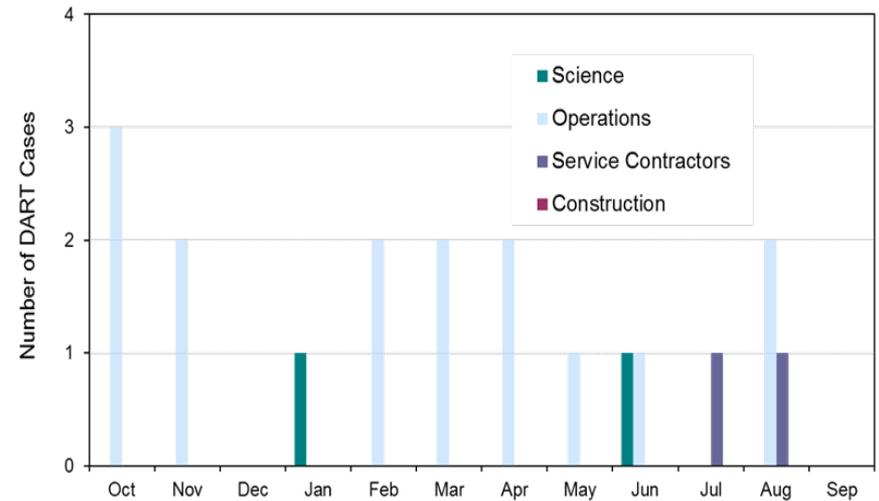


LBNL DART Cases by Division FY10 through August 31, 2012 (FY12)

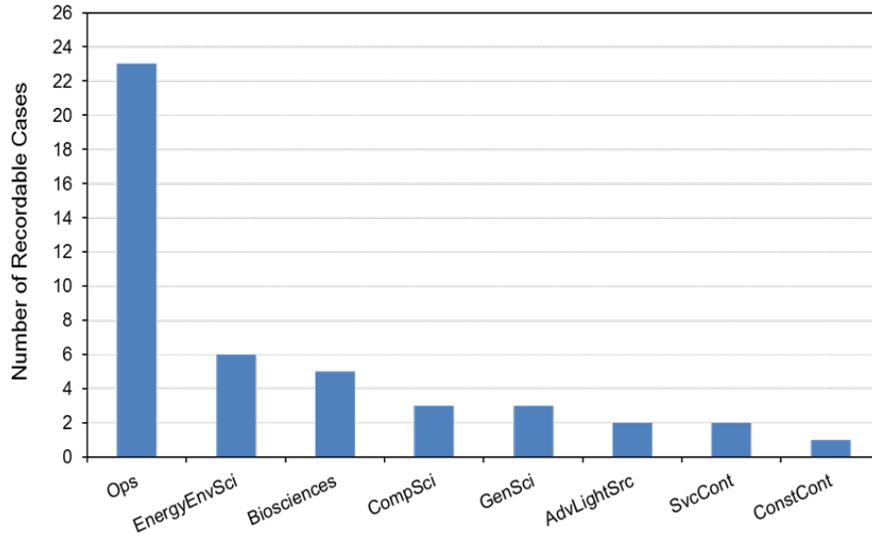
Recordable Cases by LBNL Major Organization
FY 2012 To Date August 31, 2012



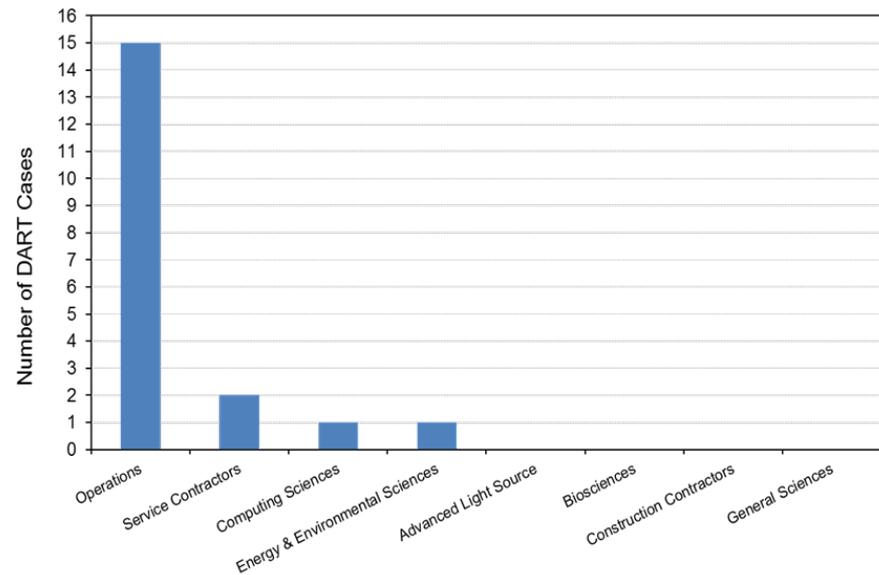
DART Cases by LBNL Major Organization
FY 2012 To Date August 31, 2012



Recordable Cases by Directorate
FY 2012 To Date August 31, 2012

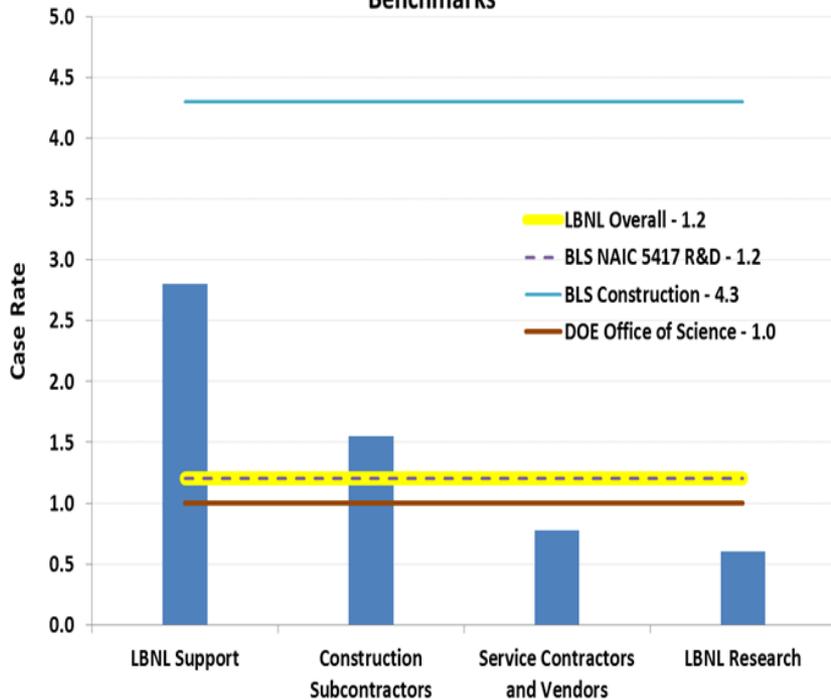


DART Cases by Directorate
FY 2012 To Date August 31, 2012

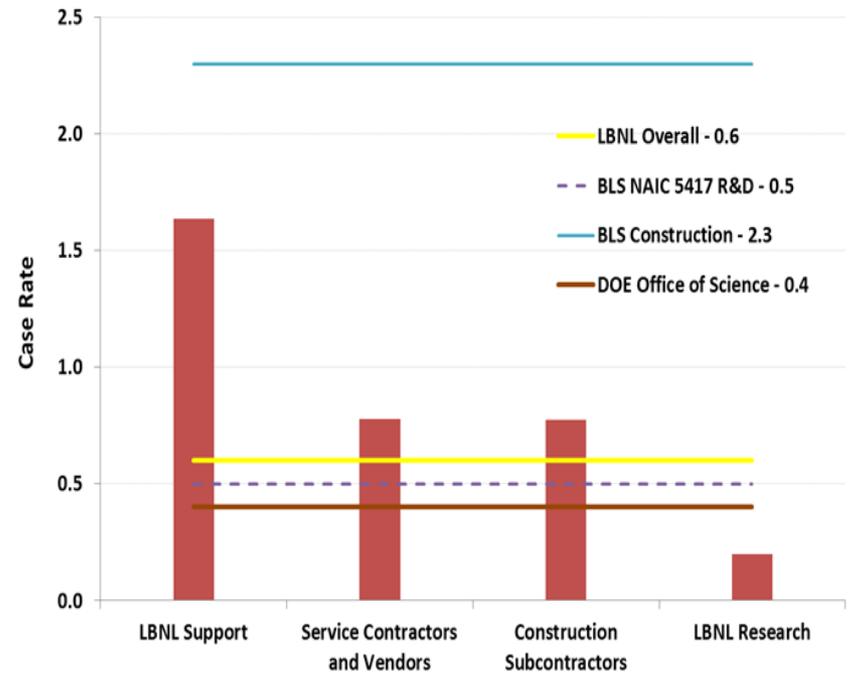


FY 2011 Summary Reference

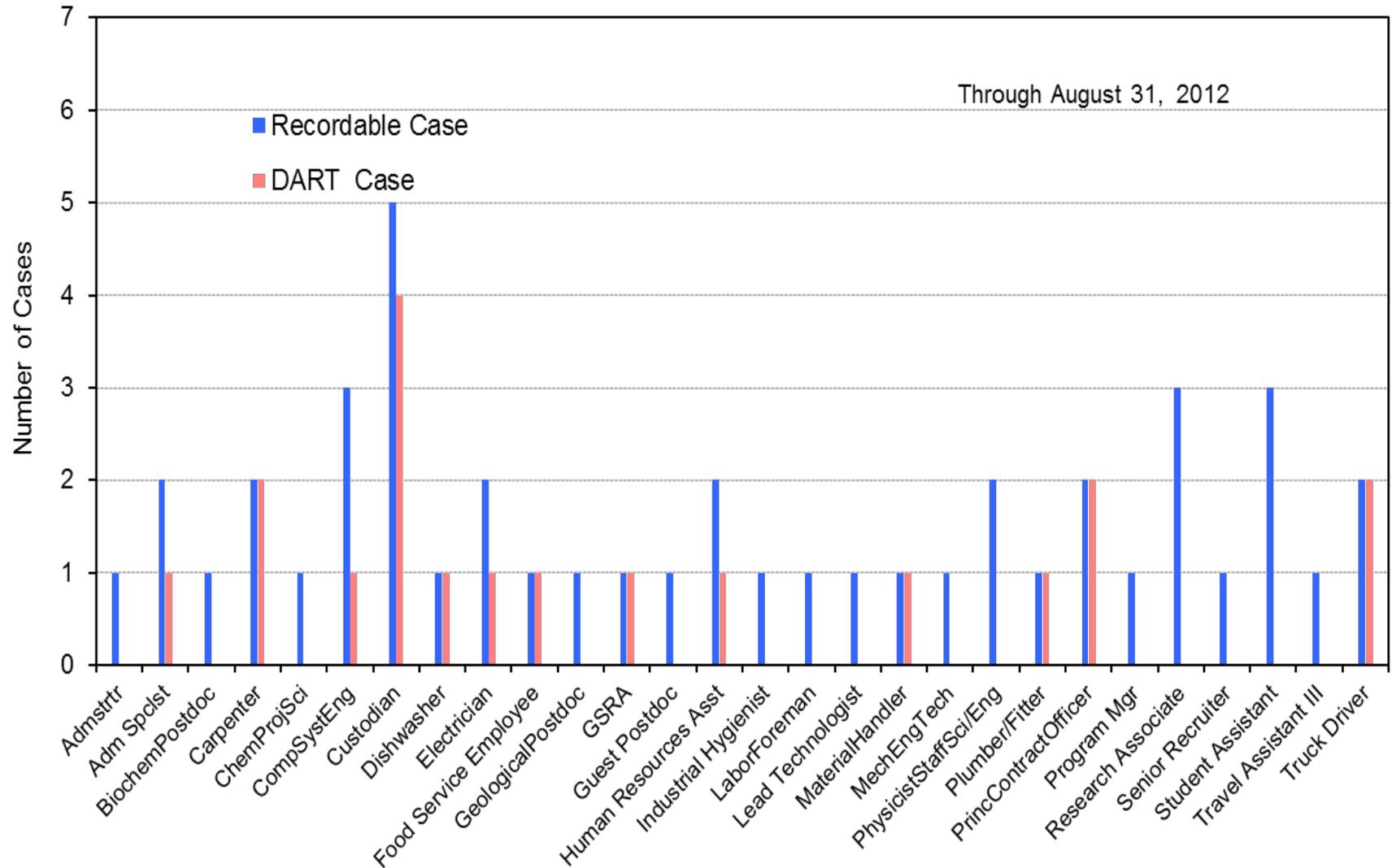
FY 2011 Recordable Case Rate by DOE Reporting Organization with Benchmarks



FY 2011 DART Case Rate by DOE Reporting Organization with Benchmarks

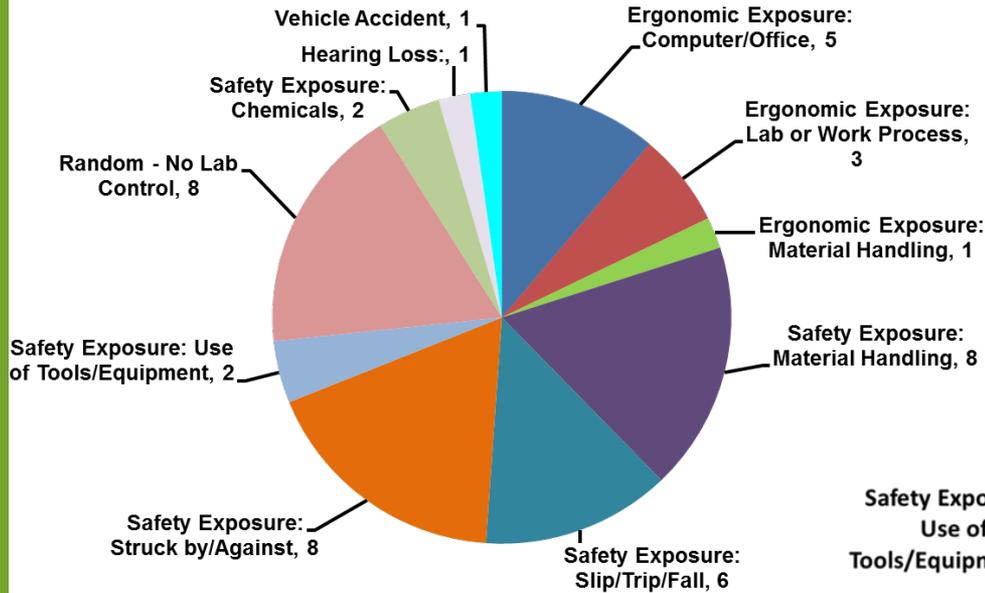


Recordable and DART Cases by Job Classification

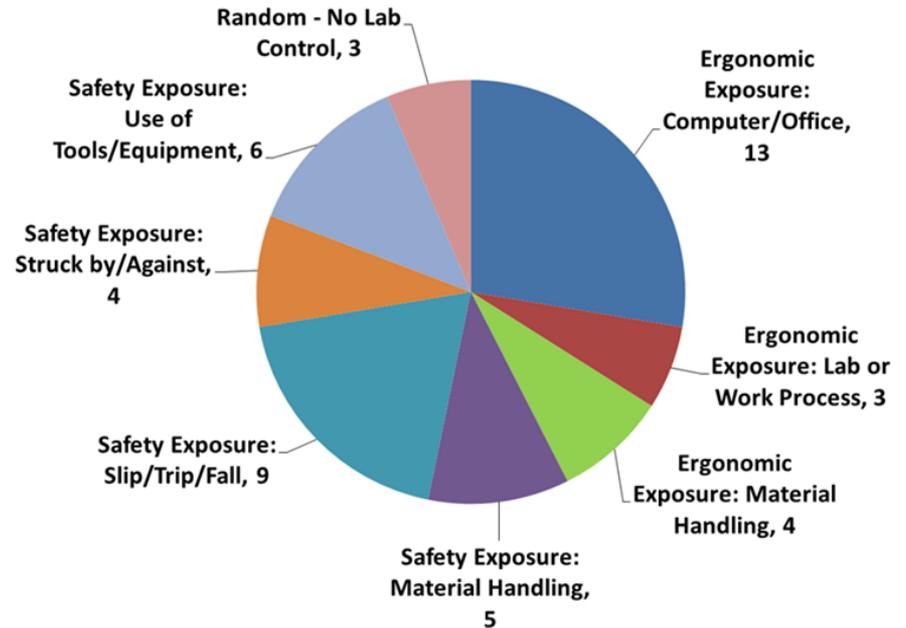


Recordable Injury Categories and Causes

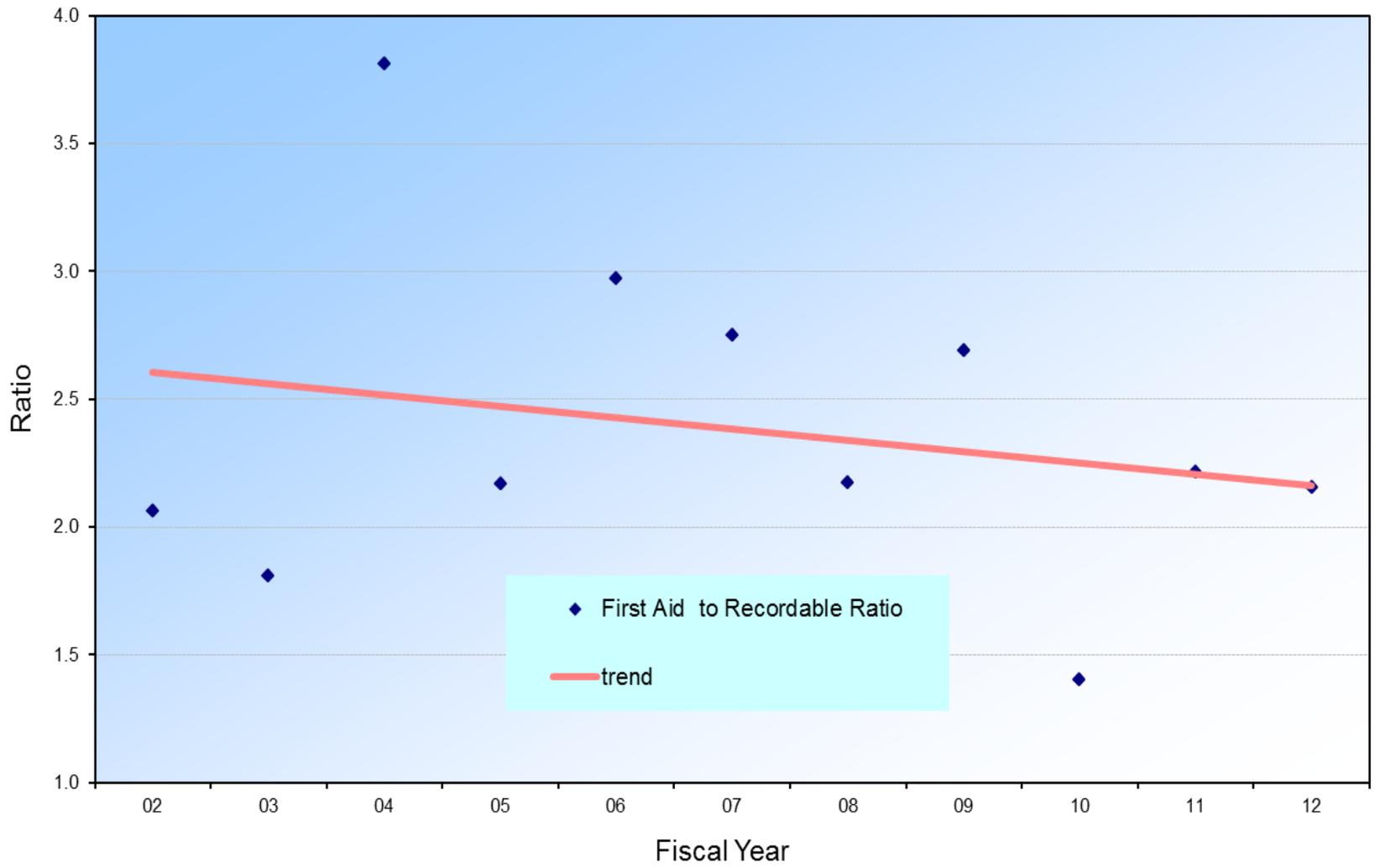
FY 2012 through 8/31/12



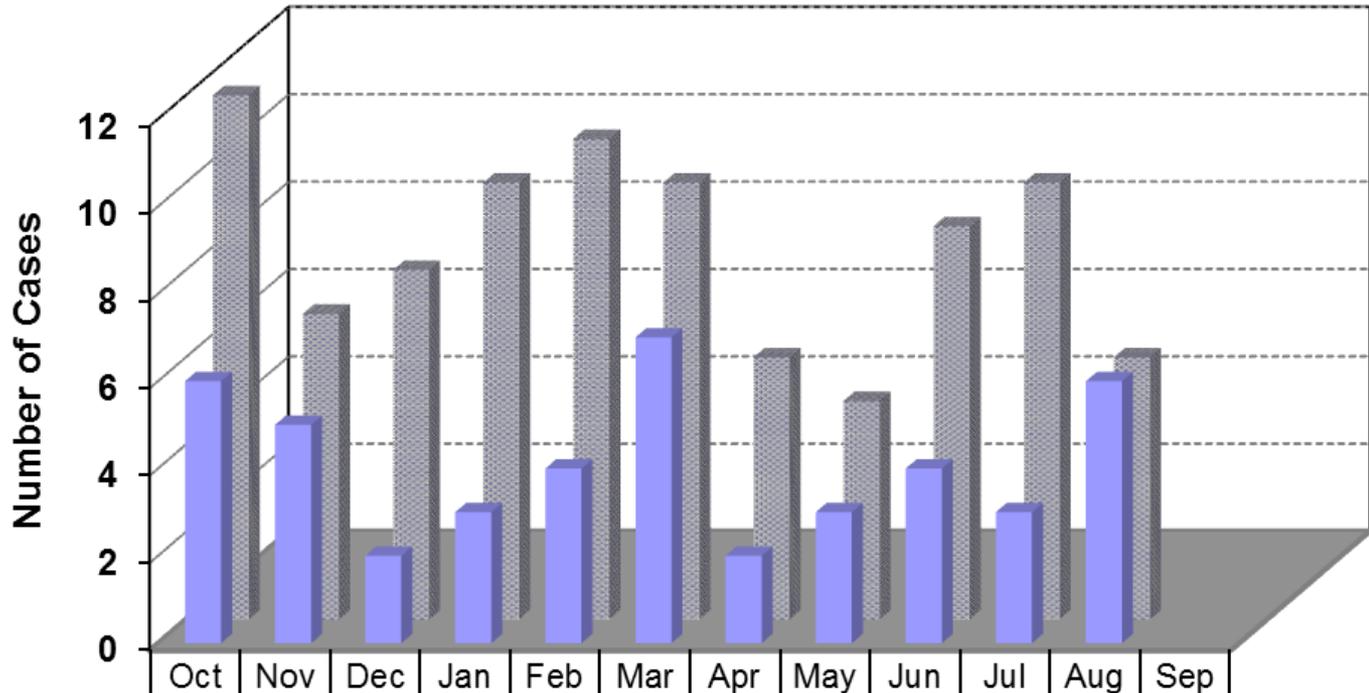
FY 2011



First Aid to Recordable Case Ratio through August 31, 2012

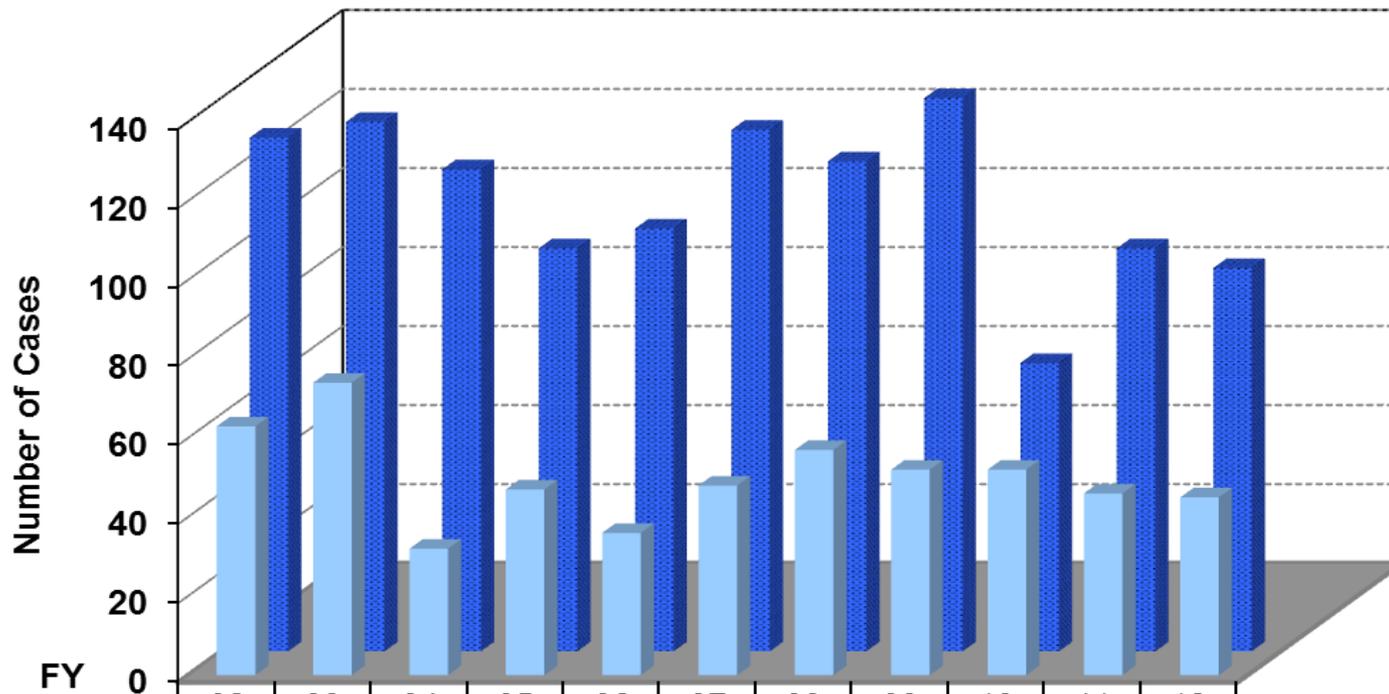


FY2012 First Aid to Recordable Comparison by Month through August 31, 2012



■ REC	6	5	2	3	4	7	2	3	4	3	6	
■ FA	15	7	8	10	11	10	6	5	9	10	6	
FA to REC Ratio	2.5	1.4	4.0	3.3	2.8	1.4	3.0	1.7	2.3	3.3	1.0	
% of Total as FA	71	58	80	77	73	59	75	63	69	77	50	
% of Total as REC	29	42	20	23	27	41	25	38	31	23	50	

FY02 to FY2011 First Aid to Recordable Comparison by Year through August 31, 2012



FY	02	03	04	05	06	07	08	09	10	11	12
REC	63	74	32	47	36	48	57	52	52	46	45
FA	130	134	122	102	107	132	124	140	73	102	97
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.2	2.16
% of Total as FA	67	64	79	68	75	73	69	73	58	69	68
% of Total as REC	33	36	21	32	25	27	31	27	42	31	32

LBNL Total Recordable Cases October 1, 2011 - September 30, 2012 (FY12)

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total YTD
LBNL Research													
Computing Sciences	0	1	0	1	0	0	0	0	1	0	0	0	3
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	1	0	0	0	0	1	0	0	0	2
Scientific Networking	0	1	0	0	0	0	0	0	0	0	0	0	1
General Sciences	1	1	0	0	0	0	0	1	0	0	0	0	3
AFRD	0	1	0	0	0	0	0	0	0	0	0	0	1
Engineering	1	0	0	0	0	0	0	0	0	0	0	0	1
Nuclear Science	0	0	0	0	0	0	0	1	0	0	0	0	1
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
Energy & Environmental Sciences	0	0	0	1	1	2	0	0	1	1	0	0	6
Chemical Sciences	0	0	0	1	0	0	0	0	0	1	0	0	2
Earth Sciences	0	0	0	0	0	1	0	0	0	0	0	0	1
Environmental Energy Tech.	0	0	0	0	1	1	0	0	0	0	0	0	2
Materials Sciences	0	0	0	0	0	0	0	0	1	0	0	0	1
Biosciences	1	0	1	1	0	1	0	1	0	0	0	0	5
Genomics	1	0	0	0	0	0	0	0	0	0	0	0	1
Life Sciences	0	0	0	1	0	0	0	0	0	0	0	0	1
Physical Biosciences	0	0	1	0	0	1	0	1	0	0	0	0	3
Advanced Light Source	0	0	0	0	0	1	0	0	1	0	0	0	2
LBNL Research Sub-Total	2	2	1	3	1	4	0	2	3	1	0	0	19
LBNL Operations													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	1	0	0	1
Facilities	2	2	1	0	2	2	1	1	1	0	1	0	13
Human Resources	1	1	0	0	0	1	0	0	0	1	1	0	5
Information Technology	1	0	0	0	0	0	0	0	0	0	0	0	1
Public Affairs	0	0	0	0	0	0	0	0	0	0	0	0	0
CFO	0	0	0	0	0	1	1	0	0	0	1	0	3
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Operations Sub-Total	4	3	1	0	2	4	2	1	1	2	3	0	23
LBNL Total	6	5	2	3	3	8	2	3	4	3	3	0	42
LBNL Construction	0	0	0	0	1	0	0	0	0	0	0	0	1
LBNL Service Subcontractors	0	0	0	0	0	0	0	0	0	1	1	0	2
Site Grand Total	6	5	2	3	4	8	2	3	4	4	4	0	45
<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 8/31/12

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety / Security
DIVISION

'LBNL DART' (Days 'Away,' Restructured,' Transferred) Cases' Oct '1, 2011 - September 30, 2012 (FY12) -

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total YTD
LBNL Research													
Computing Sciences	0	0	0	1	0	0	0	0	0	0	0	0	1
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	1	0	0	0	0	0	0	0	0	1
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	1	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
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	1	0	0	0	1
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	1	0	0	0	0	1	0	0	0	2
LBNL Operations													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	2	0	0	2	1	1	1	1	0	1	0	11
Human Resources	1	0	0	0	0	0	0	0	0	0	0	0	1
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	1	1	0	0	0	1	0	3
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Operations Sub-Total	3	2	0	0	2	2	2	1	1	0	2	0	15
LBNL Total	3	2	0	1	2	2	2	1	2	0	2	0	17
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	1	1	0	2
Site Grand Total	3	2	0	1	2	2	2	1	2	1	3	0	19
<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 o 8/31/12

Notes: Projections assume that hours worked will remain constant



U.S. DEPARTMENT OF
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