



Berkeley Lab Accident Statistics Through September 30, 2013

Please Note: The data presentation in this current FY13 summary does not reflect the recently announced restructuring of the Lab's research and directorate organizations. These changes will be reflected in subsequent editions of this report.



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 – September 30, 2013

Ergonomic Cases

- **Hand, wrist and forearm strain**
 - The Guest Postdoctoral Fellow reported ongoing discomfort of the finger on one hand that may be associated with one or more activities including computer keyboard use, pipetting, and outdoor recreational activities.

Chemical Related

- **Small droplet of buffer solution in eye**
 - The Biologist Project Scientist / Engineer reported a small drop of solution in eye while sealing or handling a 2 ml plastic pouch of buffer solution.
- **White board cleaner in eye**
 - The Senior Administrative Services Supervisor inadvertently sprayed own face and eyes while attempting to clean the surface of a white board.

Injury/Illness Cases – September 30, 2013

Slip Trip Misstep Fall

- **Foot strain**
 - The Senior Research Associate misstepped at the edge of the anti-fatigue mat (with non-beveled edge) used in front of the lab bench and twisted the ankle.
- **Abrasion and contusion of wrist, back and head**
 - While trying to tip a crated salvage item to the side, the packaging broke causing the Senior Material Specialist to lose balance and fall to the ground.
- **Shoulder contusion**
 - En route to a meeting with the cafeteria manager a Directorate employee slipped on the recently mopped surface of the walk-in freezer ramp in the B54 cafeteria kitchen area while walking to the office area at the back of the kitchen.

Injury/Illness Cases – September 30, 2013

Laceration

- **Laceration of upper arm**
 - The Journeyman lower tier subcontractor Carpenter sustained a cut on the upper arm with the sharp metal edge of a piece of ceiling tile grid T-bar channel after cutting the piece off of the T-bar grid.
- **Scalp laceration**
 - The Computer Staff Scientist / Engineer struck the scalp against a sharp metal flange while moving about in the APEX cave area in B6.
- **Finger and thumb laceration**
 - While preparing a quartz sample cell, the Guest Scientist applied a bit too much pressure while holding tube with the fingers and the quartz tube shattered causing laceration of two fingers.

Trauma

- **Bee sting**
 - The Senior Laborer was stung in the eyelid and on the hand while clearing debris behind B55A.

Injury/Illness Cases – September 30, 2013

Trauma

- **Contusion on scalp**
 - The Principal Scientific Engineering Associate had bent down behind a computer cart and struck head against a building structural beam along the wall surface upon standing back up.
- **Compressed nerve**
 - The Chemist Staff Scientist / Engineer had positioned the arm as a support / head rest while sleeping during a transatlantic business flight. The hard armrest surface against which the elbow was positioned caused compression of the ulnar nerve.
- **Hearing loss**
 - The Engineering Division employee developed hearing loss over 30 plus years of work in high machine noise shop / lab environments.

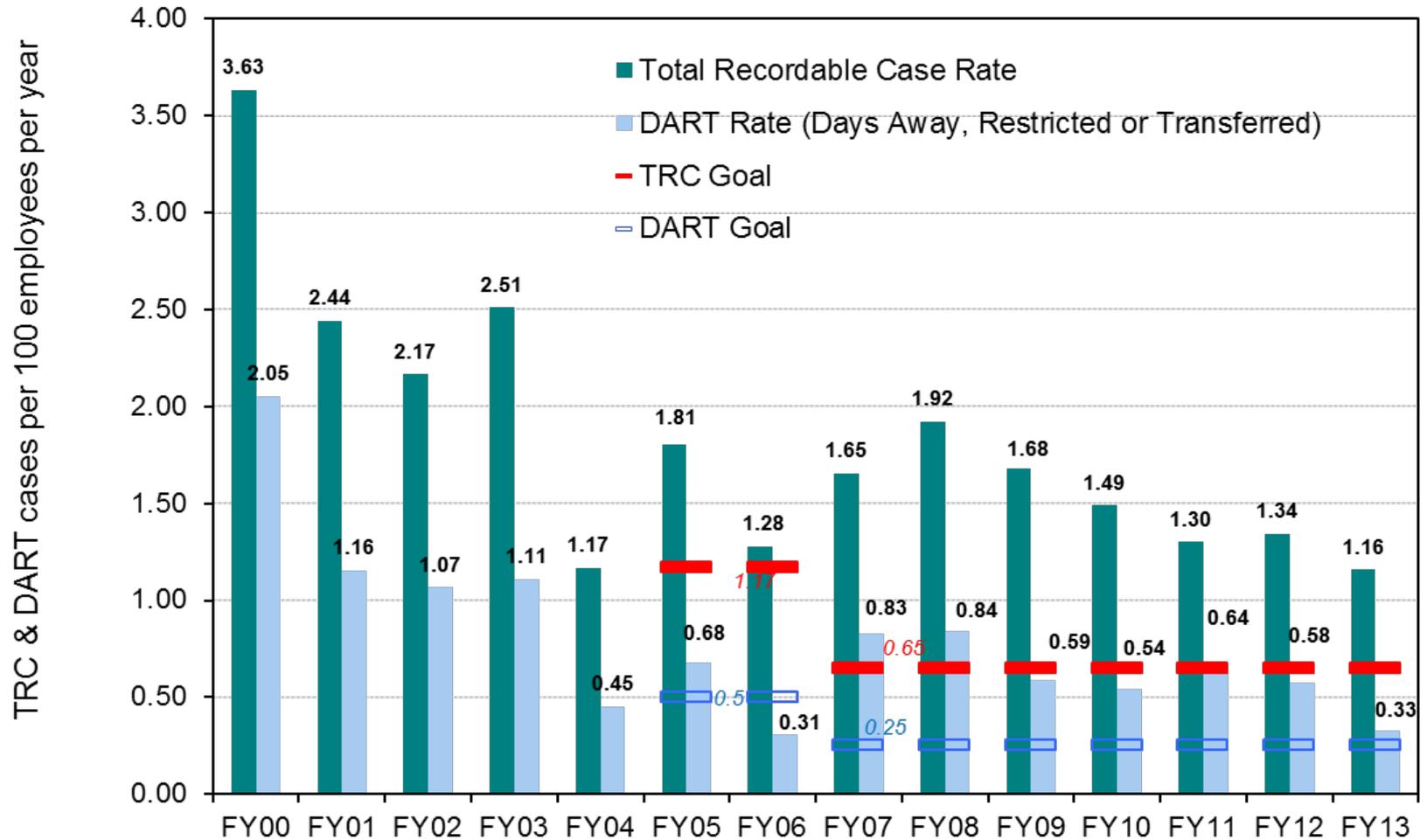
Injury/Illness Cases – September 30, 2013

Trauma

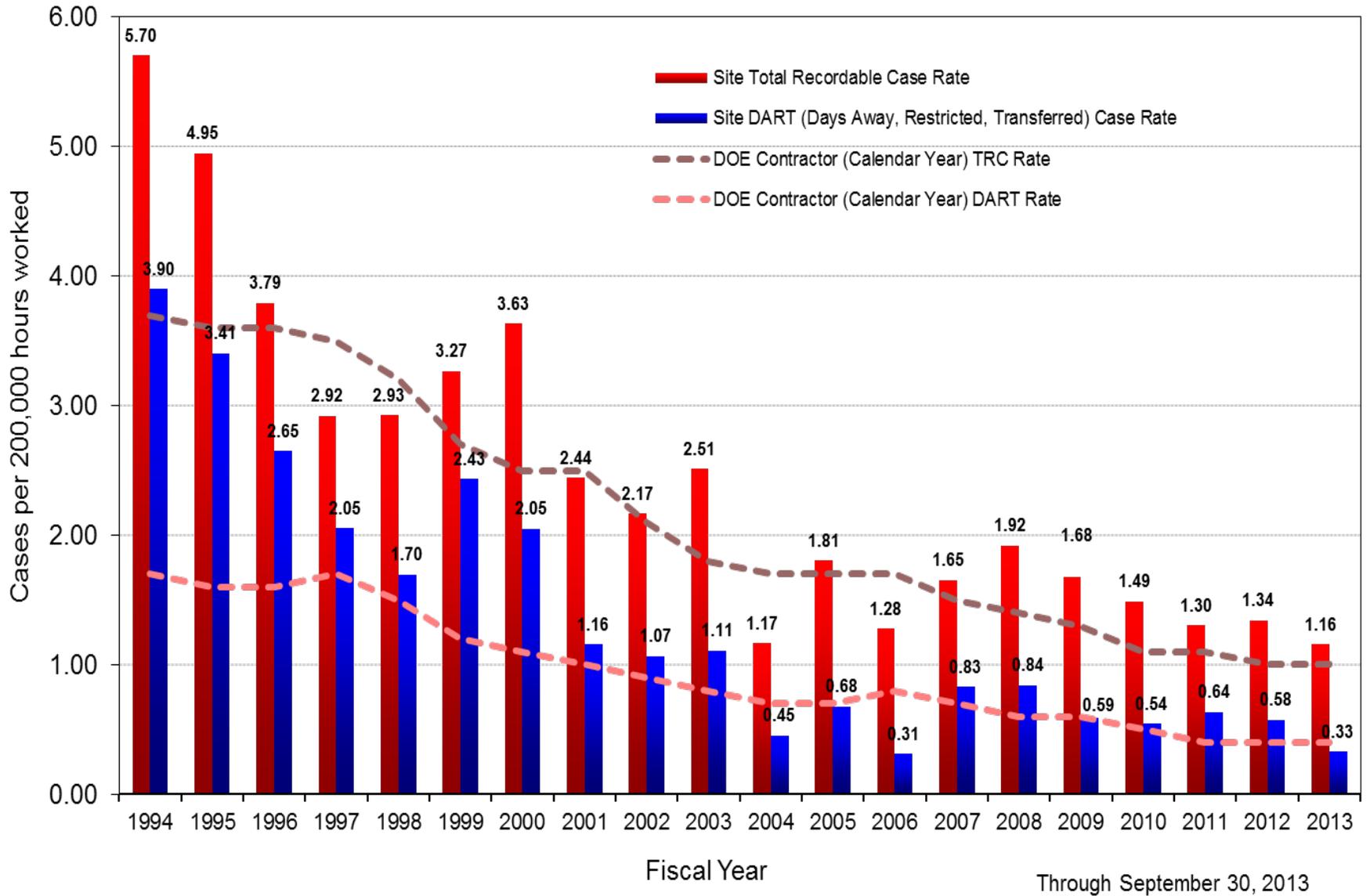
- **Foreign object in eye**
 - The Mechanical Engineering Machinist Assistant was treated for a corneal abrasion and eye irritation for a presumed foreign body in the eye (none was observed during exam). Investigation pursuant to the event was not able to identify a likely specific source. The employee had worked both in- and outdoors on this particular day. There were significant winds outside on this day.
- **Low back pain**
 - The Research Technician reported pain in the lower back after bending down to pick up a pen from the floor.
- **Finger burn**
 - The Guest Postdoctoral Fellow's 5th finger inadvertently passed across the flame of a Bunsen burner while working on the lab bench top. The employee experienced a minor burn.

Berkeley Lab Site-Wide TRC & DART Rates

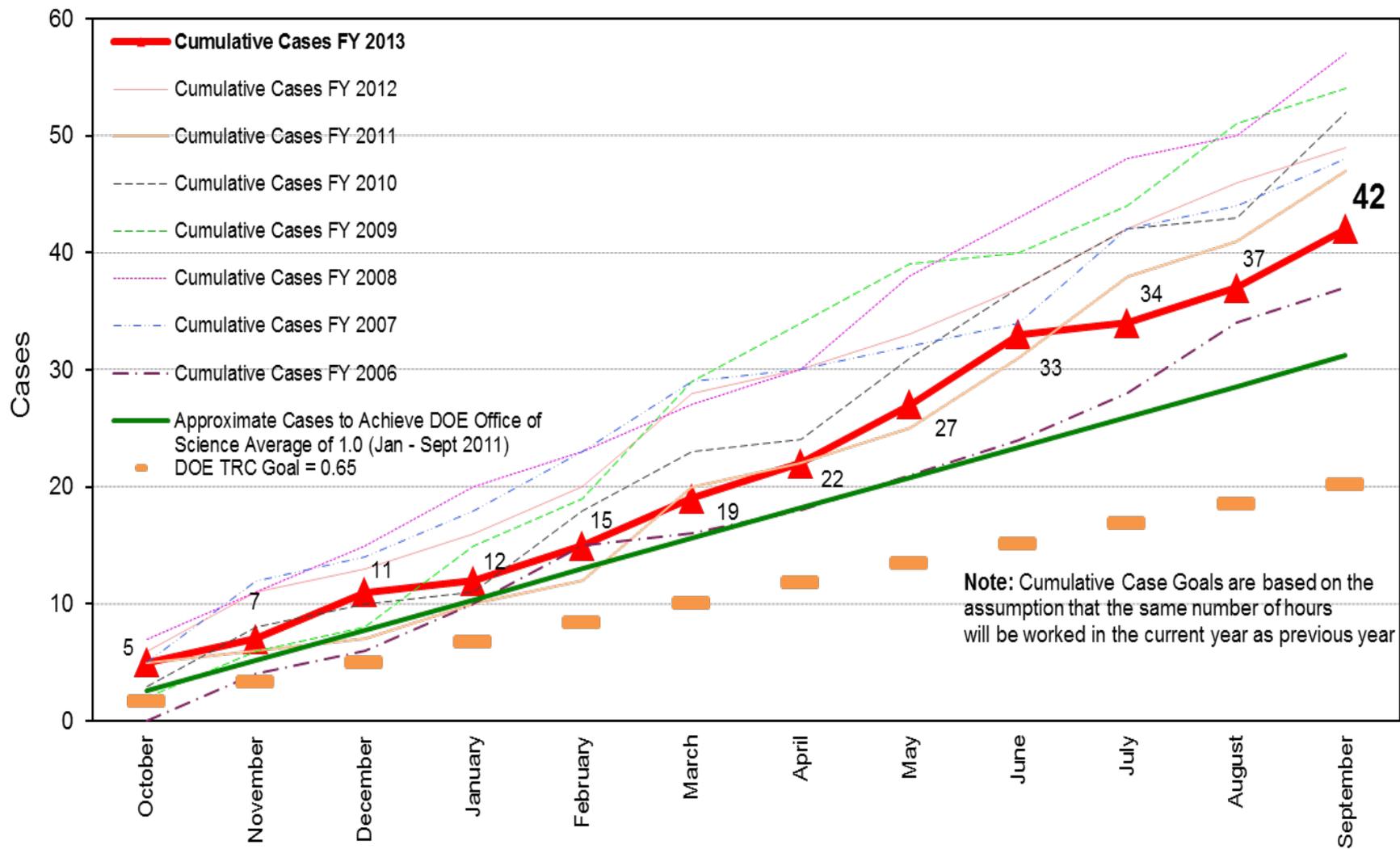
(Includes all Construction and Service Contractors)
Through September 30, 2013



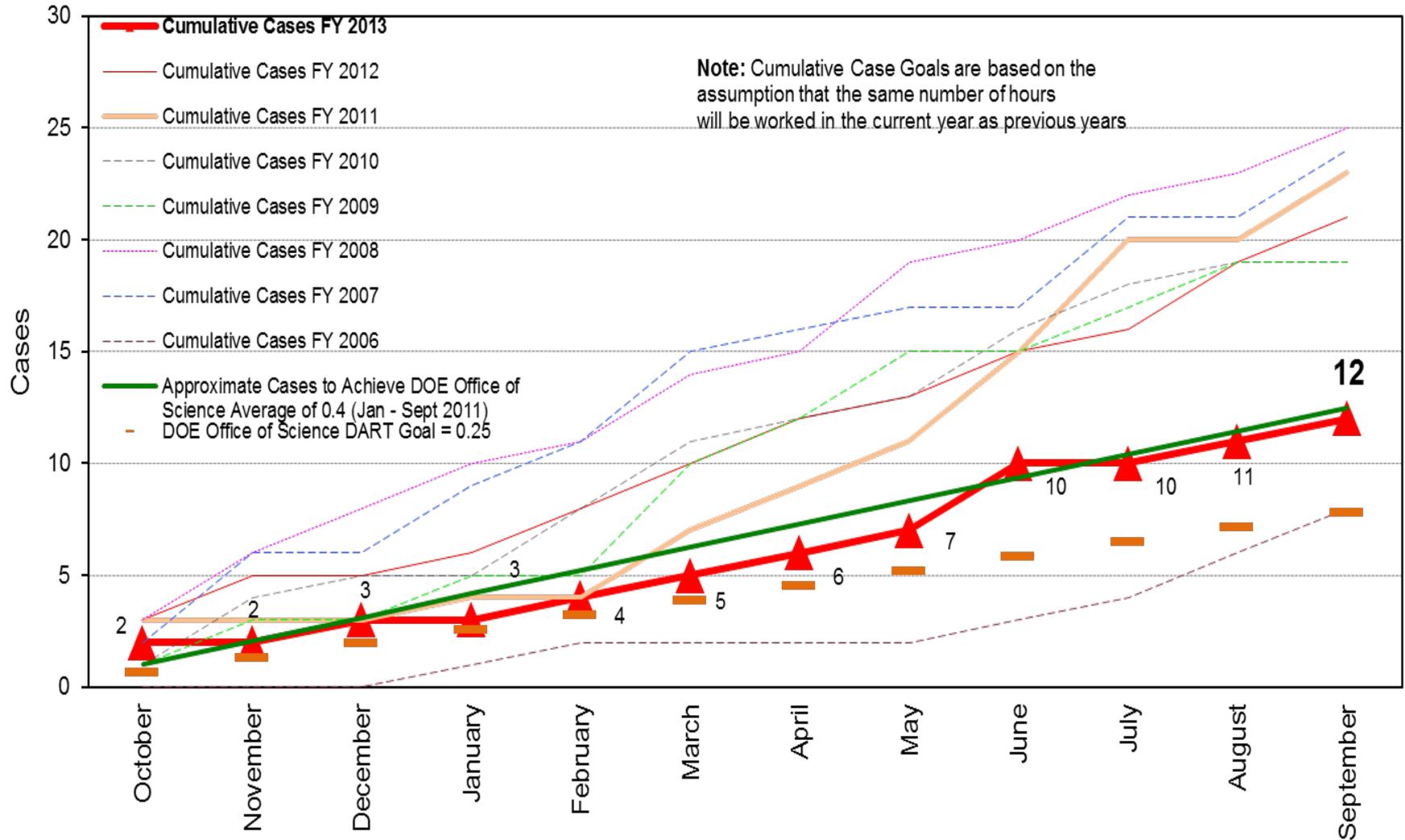
Berkeley Lab Site Accident Rates



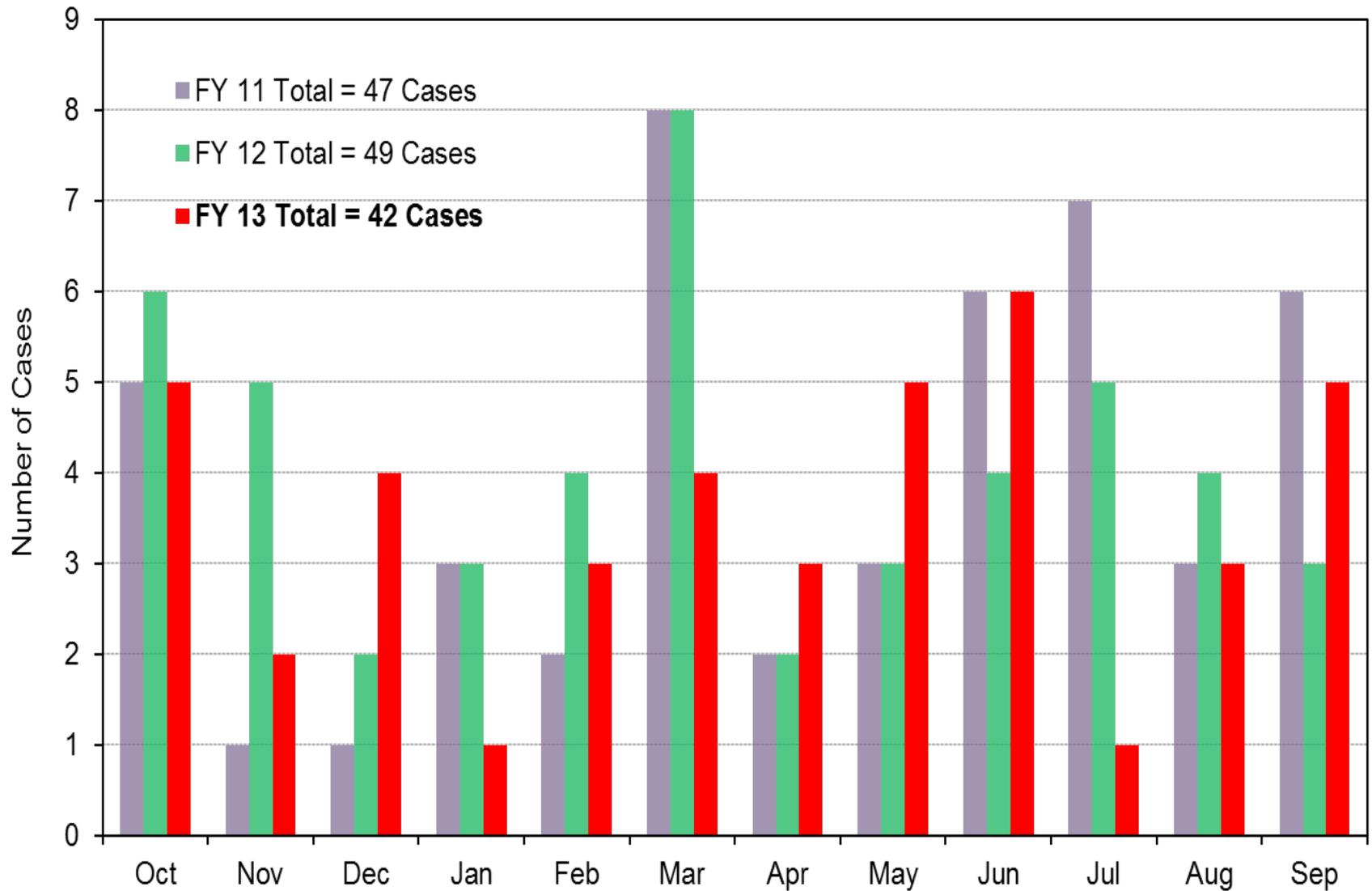
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



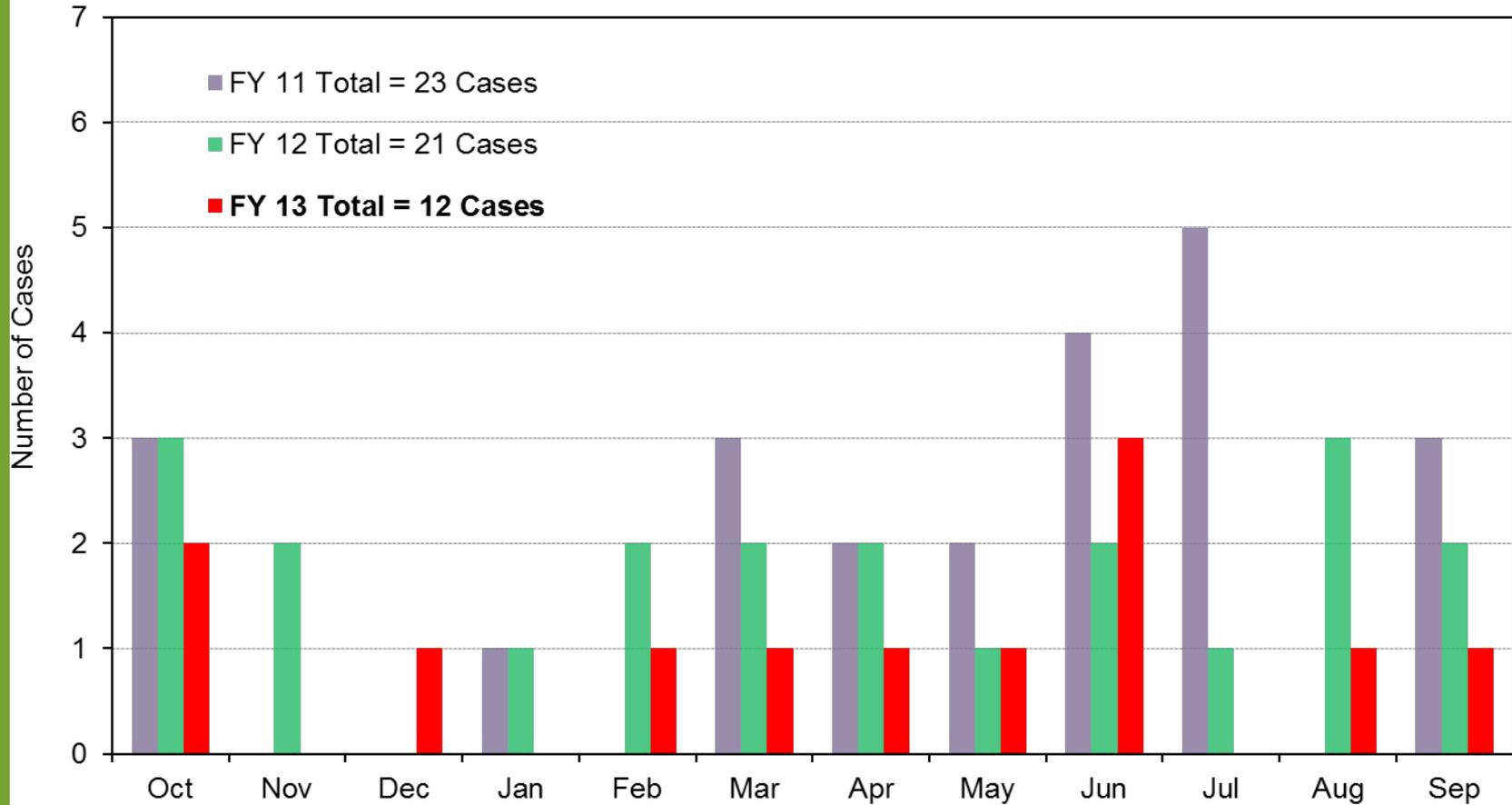
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

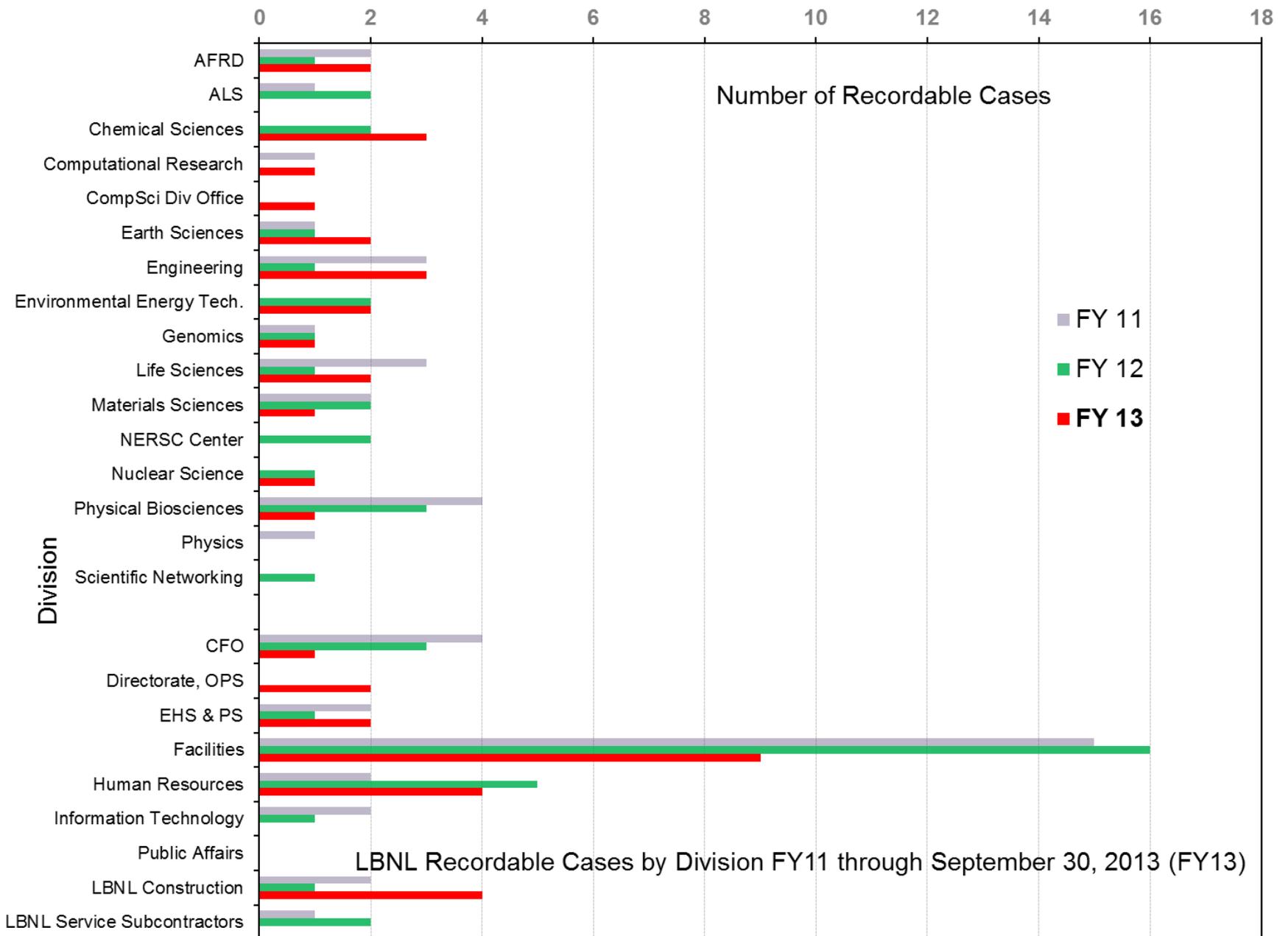


LBNL Recordable Cases FY11 through September 30, 2013 (FY13)

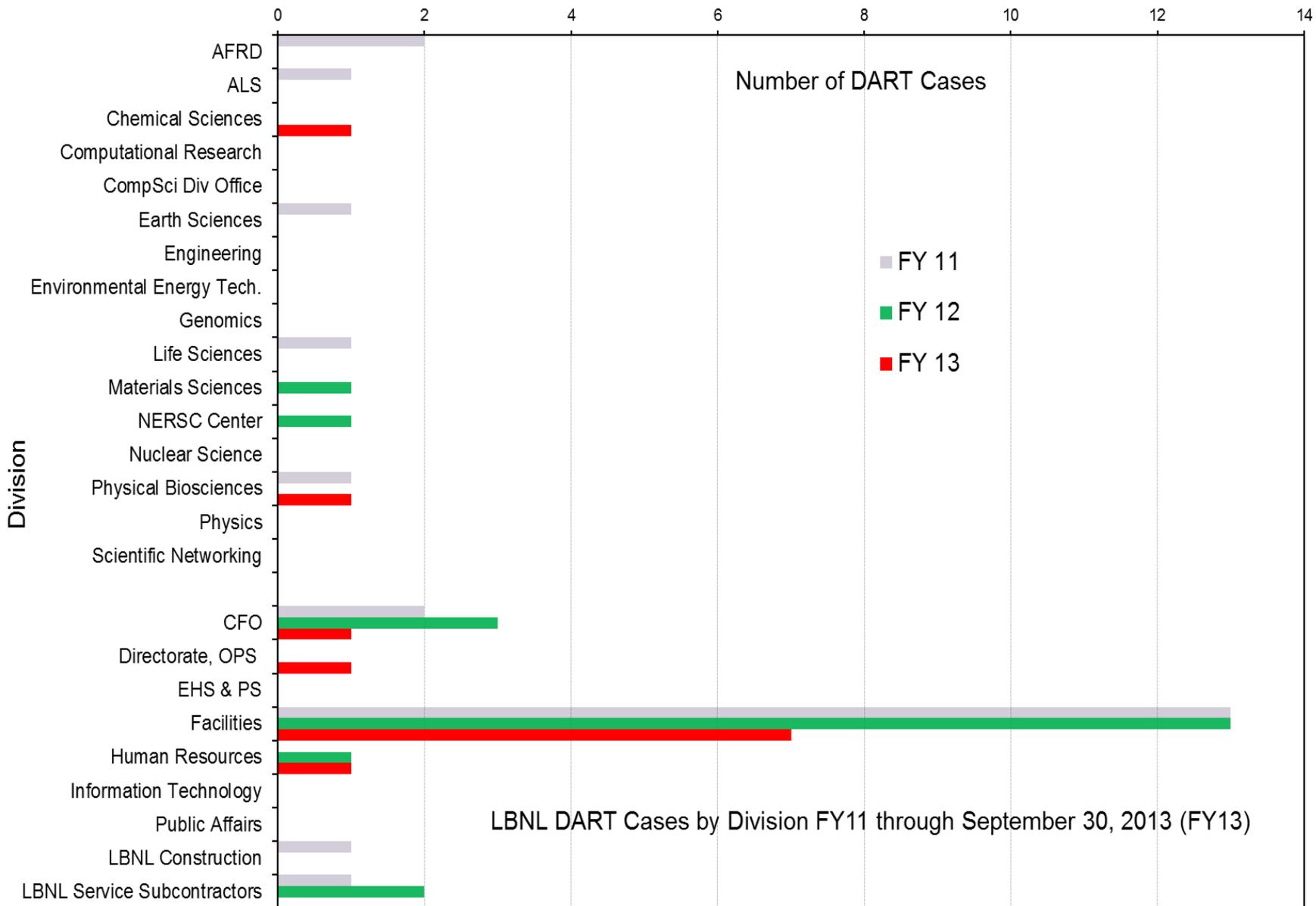


LBNL DART Cases FY11 through September 30, 2013 (FY13)



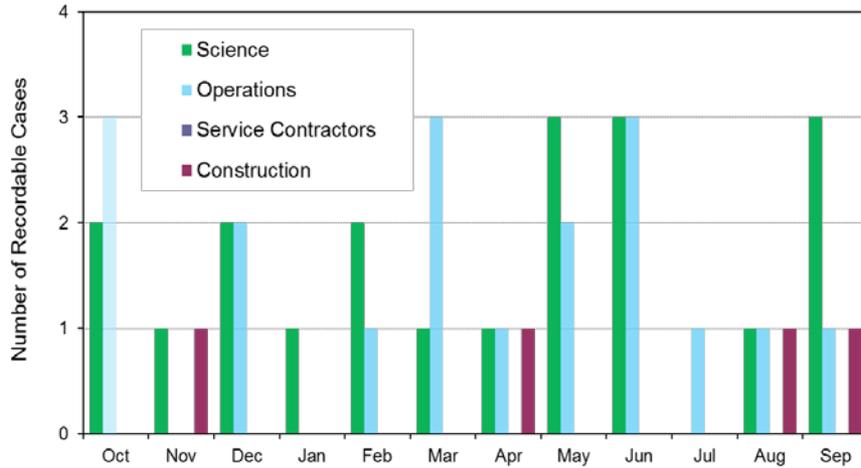


LBNL Recordable Cases by Division FY11 through September 30, 2013 (FY13)

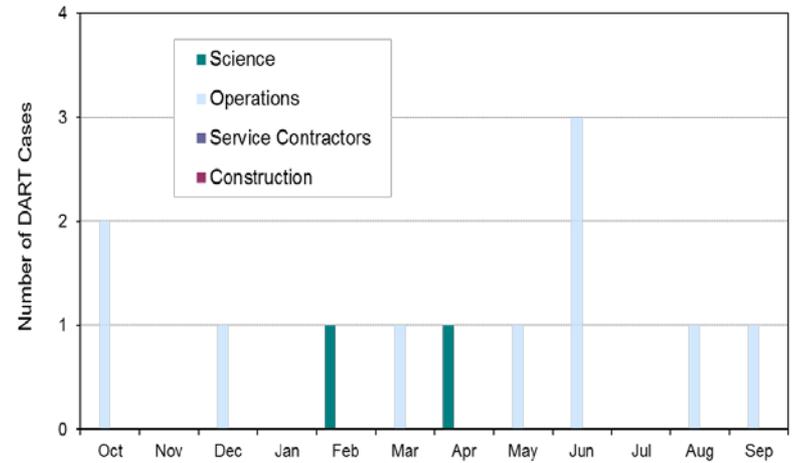


LBNL DART Cases by Division FY11 through September 30, 2013 (FY13)

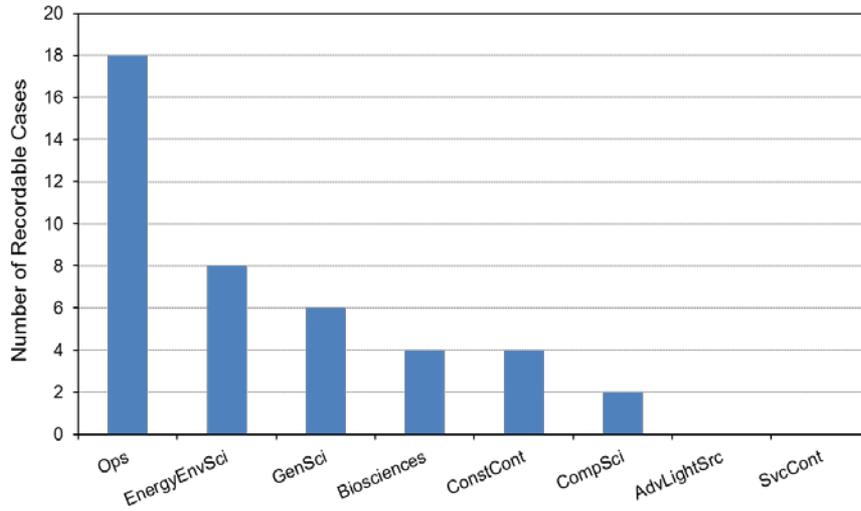
Recordable Cases by LBNL Major Organization
FY 2013 To Date September 30, 2013



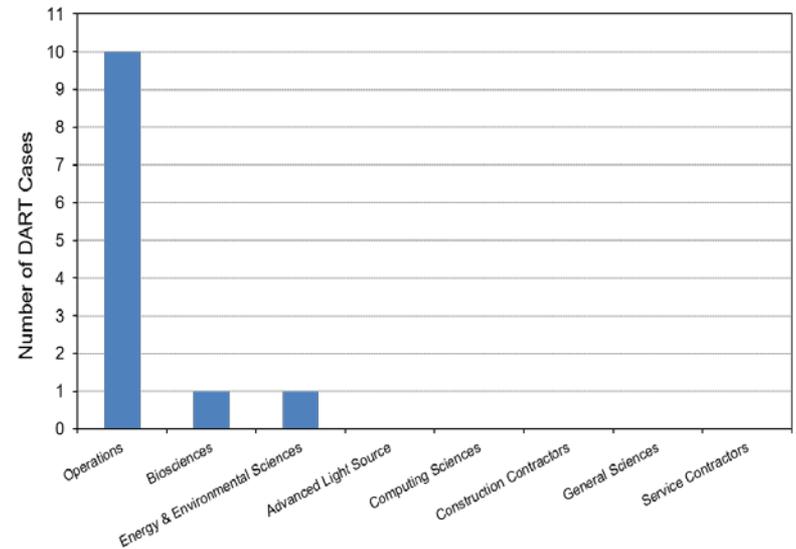
DART Cases by LBNL Major Organization
FY 2013 To Date September 30, 2013



Recordable Cases by Directorate
FY 2013 To Date September 30, 2013

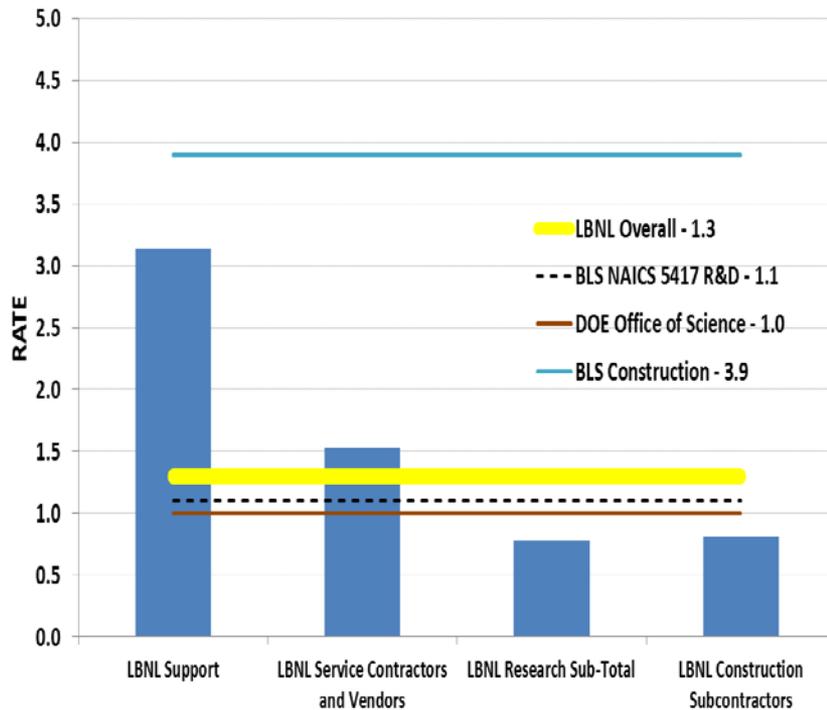


DART Cases by Directorate
FY 2013 To Date September 30, 2013

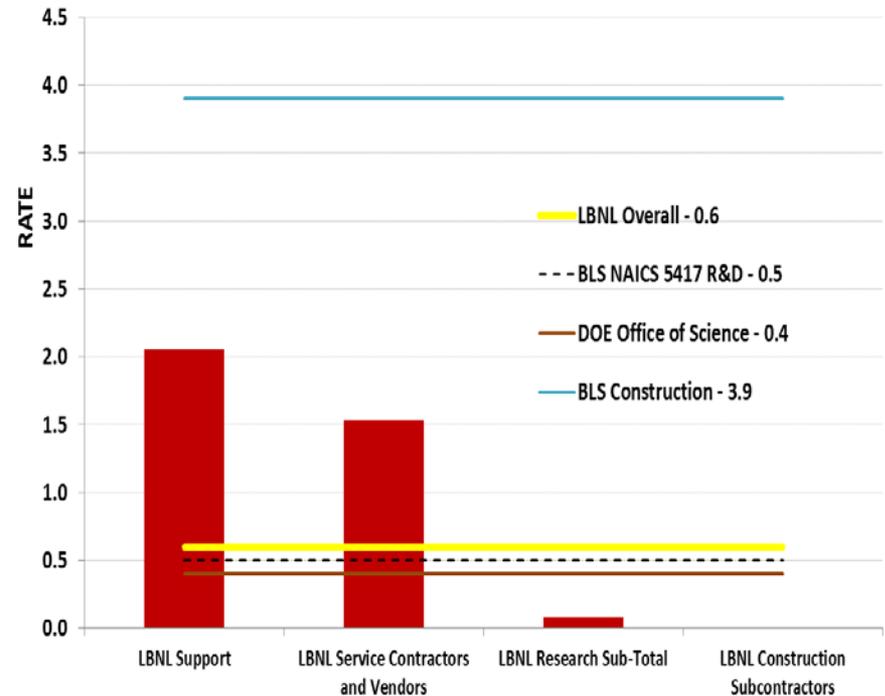


FY 2012 Summary Reference

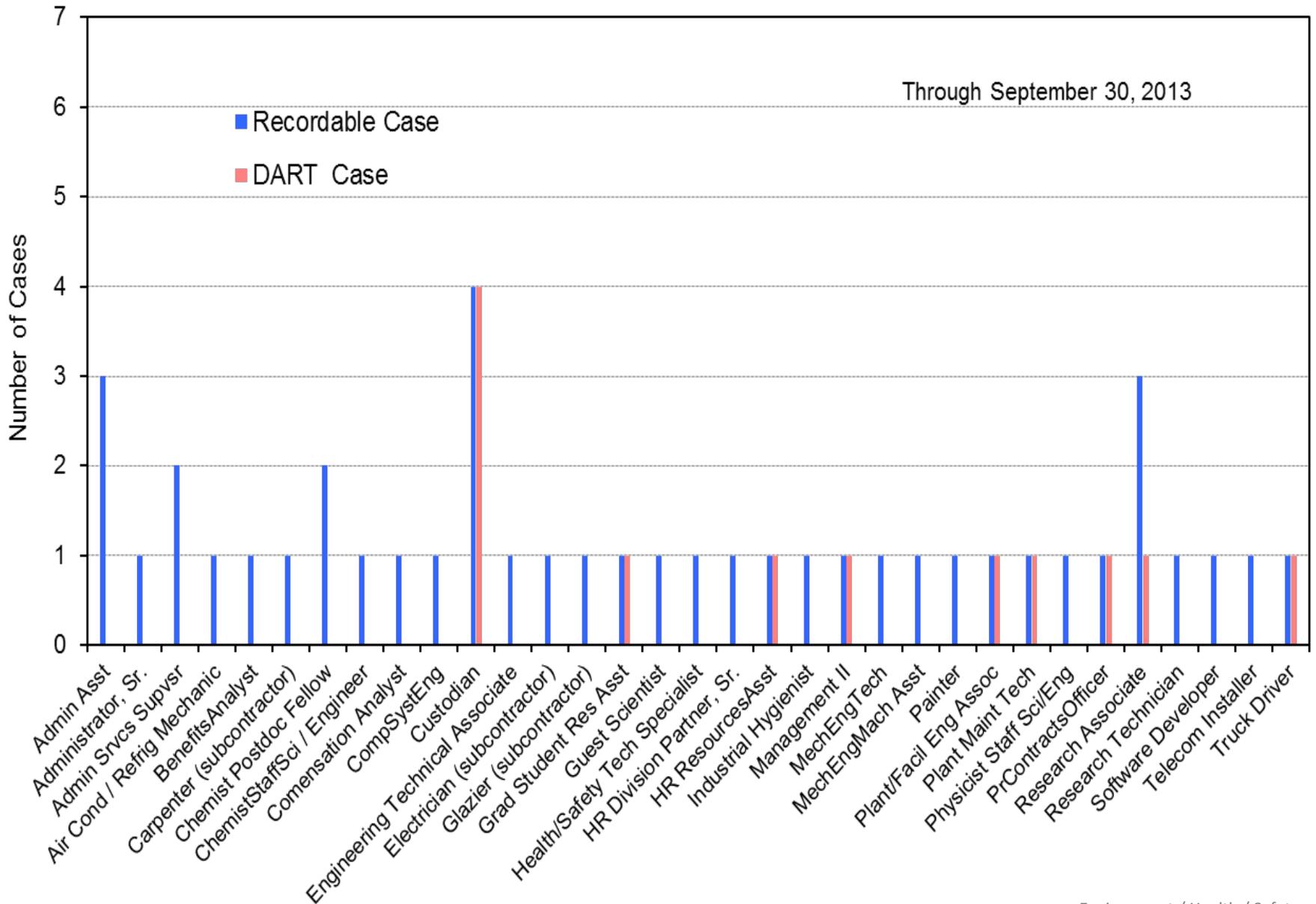
FY12 Recordable Rate with Benchmarks
(DOE Reporting Organization)



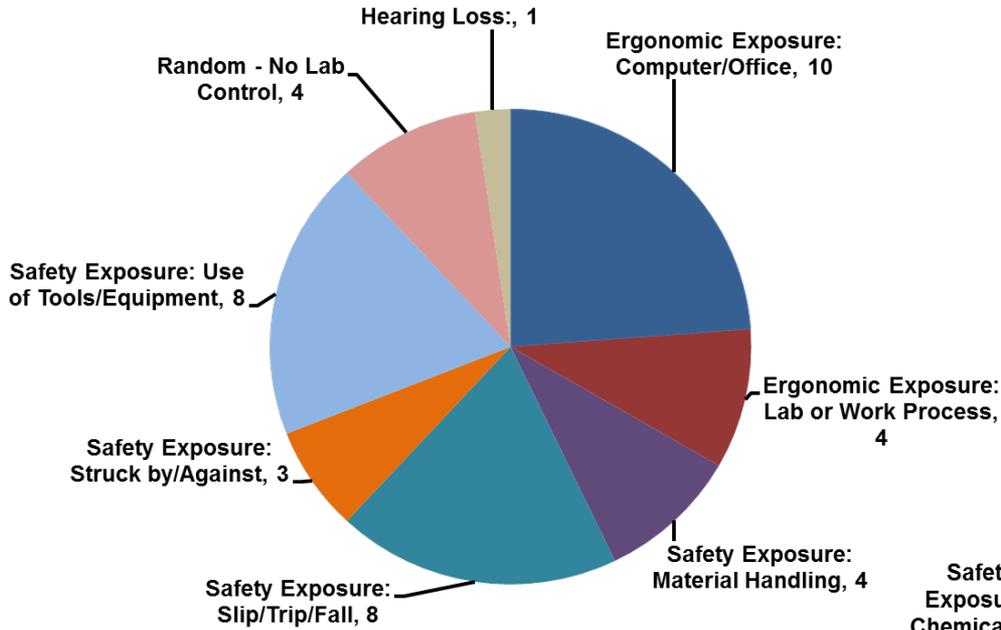
FY12 DART Rate with Benchmarks
(DOE Reporting Organization)



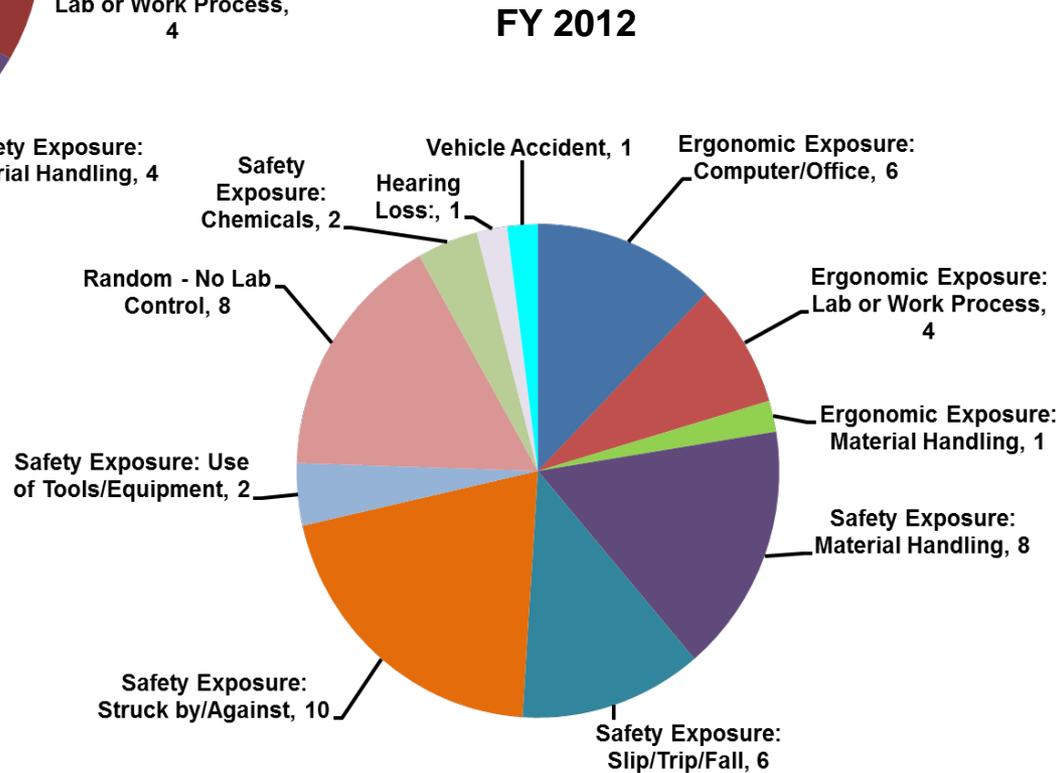
Recordable and DART Cases by Job Classification



Recordable Injury Categories and Causes

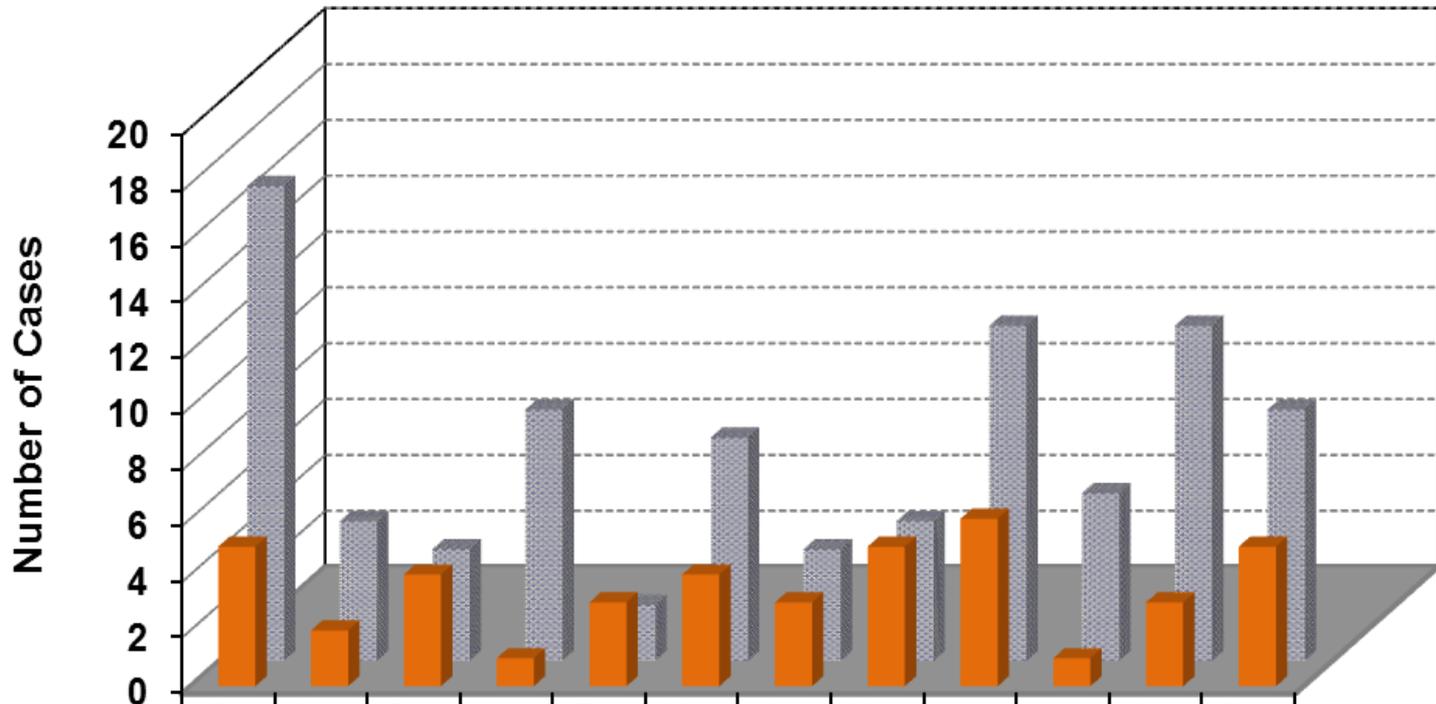


FY 2013 through 9/30/13



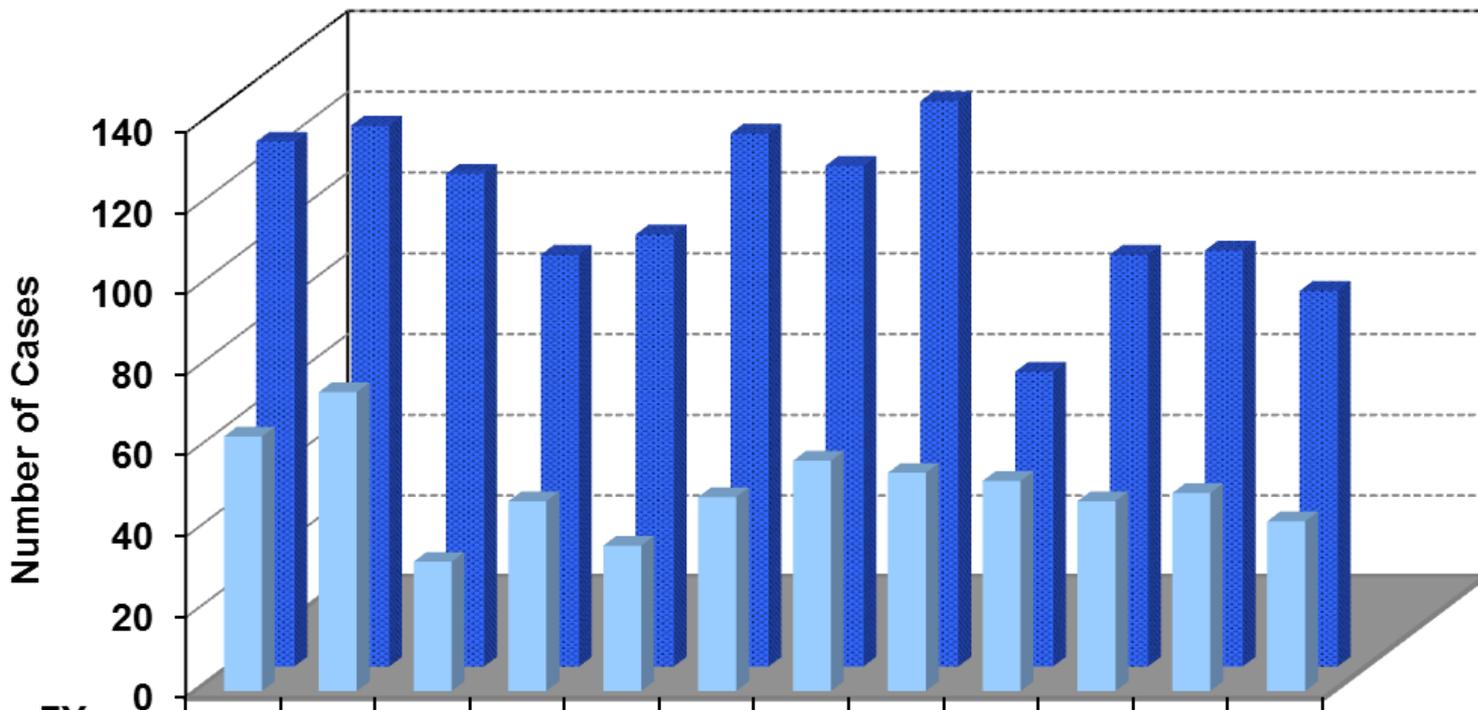
FY 2012

FY2013 First Aid to Recordable Comparison by Month through September 30, 2013



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	5	2	4	1	3	4	3	5	6	1	3	5
■ FA	17	5	4	9	2	8	4	5	12	6	12	9
FA to REC Ratio	3.4	2.5	1.0	9.0	0.7	2.0	1.3	1.0	2.0	6.0	4.0	1.8
% of Total as FA	77	71	50	90	40	67	57	50	67	86	80	64
% of Total as REC	23	29	50	10	60	33	43	50	33	14	20	36

FY02 to FY2013 First Aid to Recordable Comparison by Year through September 30, 2013



FY	02	03	04	05	06	07	08	09	10	11	12	13
REC	63	74	32	47	36	48	57	54	52	47	49	42
FA	130	134	122	102	107	132	124	140	73	102	103	93
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.6	1.4	2.2	2.10	2.21
% of Total as FA	67	64	79	68	75	73	69	72	58	68	68	69
% of Total as REC	33	36	21	32	25	27	31	28	42	32	32	31

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	1	0	0	0	0	2
Computational Research	1	0	0	0	0	0	0	0	0	0	0	0	1
Division Office	0	0	0	0	0	0	0	1	0	0	0	0	1
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	1	0	0	0	1	1	0	1	2	6
AFRD	0	0	0	1	0	0	0	0	0	0	1	0	2
Engineering	0	0	0	0	0	0	0	0	1	0	0	2	3
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	1	1	1	0	0	1	1	1	1	0	0	1	8
Chemical Sciences	0	1	0	0	0	0	1	0	1	0	0	0	3
Earth Sciences	1	0	0	0	0	0	0	1	0	0	0	0	2
Environmental Energy Tech.	0	0	1	0	0	1	0	0	0	0	0	0	2
Materials Sciences	0	0	0	0	0	0	0	0	0	0	0	1	1
Biosciences	0	0	1	0	2	0	0	0	1	0	0	0	4
Genomics	0	0	1	0	0	0	0	0	0	0	0	0	1
Life Sciences	0	0	0	0	1	0	0	0	1	0	0	0	2
Physical Biosciences	0	0	0	0	1	0	0	0	0	0	0	0	1
Advanced Light Source	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Research Sub-Total	2	1	2	1	2	1	1	3	3	0	1	3	20
LBNL Operations													
EHS & PS	0	0	0	0	0	1	0	0	0	1	0	0	2
Facilities	3	0	1	0	0	2	0	1	1	0	1	0	9
Human Resources	0	0	1	0	1	0	0	1	1	0	0	0	4
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	1	0	0	0	1
Directorate	0	0	0	0	0	0	1	0	0	0	0	1	2
LBNL Operations Sub-Total	3	0	2	0	1	3	1	2	3	1	1	1	18
LBNL Total	5	1	4	1	3	4	2	5	6	1	2	4	38
LBNL Construction	0	1	0	0	0	0	1	0	0	0	1	1	4
LBNL Service Subcontractors	0	0	0	0	0	0	0	0	0	0	0	0	0
Site Grand Total	5	2	4	1	3	4	3	5	6	1	3	5	42
<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 09/30/13

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	1	0	0	0	0	0	1
Chemical Sciences	0	0	0	0	0	0	1	0	0	0	0	0	1
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	1	0	0	0	0	0	0	0	1
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	1	0	0	0	0	0	0	0	1
Advanced Light Source	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Research Sub-Total	0	0	0	0	1	0	1	0	0	0	0	0	2
LBNL Operations													
EHS & PS	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	0	1	0	0	1	0	1	1	0	1	0	7
Human Resources	0	0	0	0	0	0	0	0	1	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	0	0	0	1	0	0	0	1
Directorate	0	0	0	0	0	0	0	0	0	0	0	1	1
LBNL Operations Sub-Total	2	0	1	0	0	1	0	1	3	0	1	1	10
LBNL Total	2	0	1	0	1	1	1	1	3	0	1	1	12
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	1	0	1	1	1	1	3	0	1	1	12
<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 09/30/13

Notes: Projections assume that hours worked will remain constant



U.S. DEPARTMENT OF
ENERGY



Berkeley
UNIVERSITY OF CALIFORNIA

