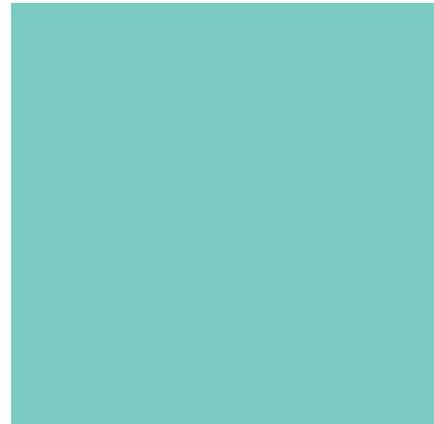




Berkeley Lab Accident Statistics Through June 30, 2013



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 – June 2013

Ergonomic Cases

- **Neck Strain**
 - The Administrative Assistant III experienced the onset of neck discomfort associated with work at computer.
- **Elbow Strain, Bilateral**
 - The Principal Contracts Officer experienced onset of pain in both elbows associated with work at computer.
- **Bilateral Hand and Finger Pain**
 - The Senior Custodian reported the onset of pain in the hands (bilaterally) associated with the performance of job tasks.

Injury/Illness Cases – June 2013

Ergonomic Cases

- **Multiple Upper Extremity Strain**
 - The Administrative Assistant III experienced the onset of pain in the forearms, hands, and fingers associated with work at computer.
- **Multiple Upper Extremity Strain**
 - The Administrative Assistant III experienced the onset of pain in the forearms, wrists, and hands associated with work at computer.
- **Neck and Shoulder Region Strain**
 - The Senior Benefits Analyst reported the onset of discomfort in the shoulder and neck region associated with work at computer.

Injury/Illness Cases – June 2013

Slip Trip Fall

- **Contusion on Knee**
 - The Guest Student Assistant slipped or tripped along the roadway while looking for the bus stop and fell to ground striking the knee on the pavement.
- **Wrist Strain**
 - While in the process of evaluating the new optics at one of the beamlines in the ALS, the Mechanical Engineering Technician stepped backward and tripped on an electrical equipment box and some cable wires. The employee attempted to break the fall by bracing against an adjacent surface with the left wrist.

Injury/Illness Cases – June 2013

Laceration / Cuts / Abrasions

- **Laceration On Thumb and Hand**
 - While placing a one-liter glass flask of an E. coli culture media onto a Kuhner SBM/SS-X rack shaker shelf spring retainer base the flask fractured and the Guest Postdoctoral Fellow received a small cut on the left thumb and on the base of the right palm.
- **Minor Cut on Finger**
 - While securing wire mesh to a structure perimeter, the flange of a self-tapping screw pinched a small segment of the Senior Laborer's gloved finger when the screw advanced more rapidly into a "soft" spot in the structure.
- **Laceration on Head**
 - The Electrician tripped over a concrete curb causing the employee to lose balance and strike head on a metal support structure.

Injury/Illness Cases – June 2013

Trauma

- **Knee Strain**

- The Senior Administrator was walking between two buildings on level pavement and experienced a sudden onset of pain in the knee. Slip, trip, fall, or imbalance were not involved. There were no defects or hazards on the pavement surface.

- **Bee Sting**

- The Lead Electrician was stung by a bee while passing near the cafeteria parking lot ATM kiosk.

Injury/Illness Cases – June 2013

Chemical

- **Chemical Contact – Neck**
 - The Chemist Postdoctoral Fellow was replacing a cap and sealing a bottle of deuterated chloroform when a small amount of the liquid splashed onto the employee's neck.
- **Chemical Contact – Finger**
 - The Chemist Postdoctoral Fellow was removing a syringe from experimental apparatus and felt a small drop of the lithium hexafluorophosphate electrolyte on the left index finger.

Injury/Illness Cases – June 2013

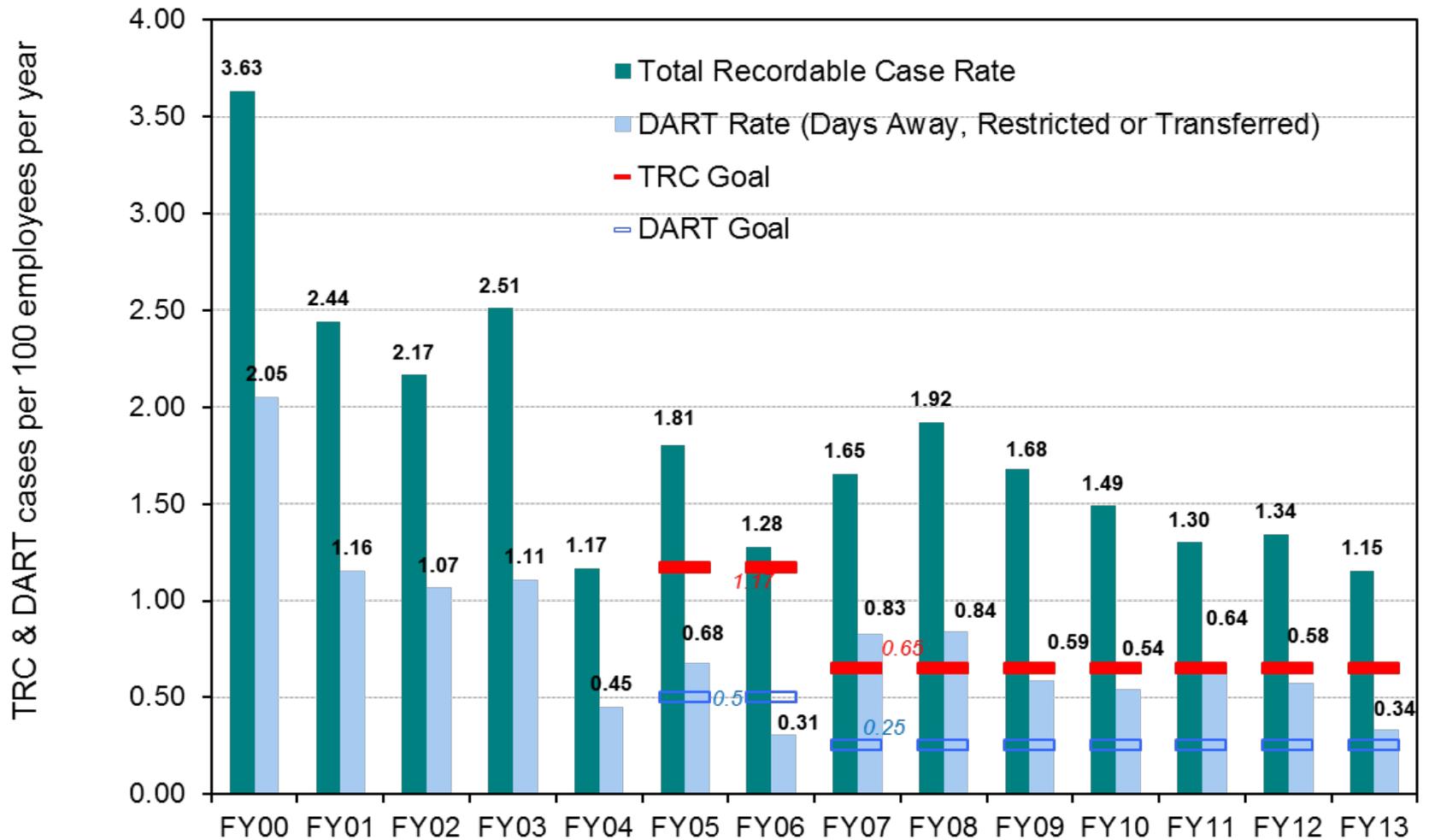
Chemical

- **Chemical Contact – Finger**
 - The Physicist Postdoctoral Fellow felt a sensation on the finger and suspected possible finger contact with hydrogen fluoride earlier in the day.
- **Chemical Taste in Mouth**
 - The Guest Student Assistant was transferring a small quantity of a hexane/cadmium/selenium solution through a syringe/filter train when the syringe/filter connection separated and sprayed approximately 0.1cc of the remaining solution into the air. The employee was wearing personal protective equipment and did not believe any of the solution contacted skin, clothing or PPE. The employee reported an unusual taste in the mouth following the incident.

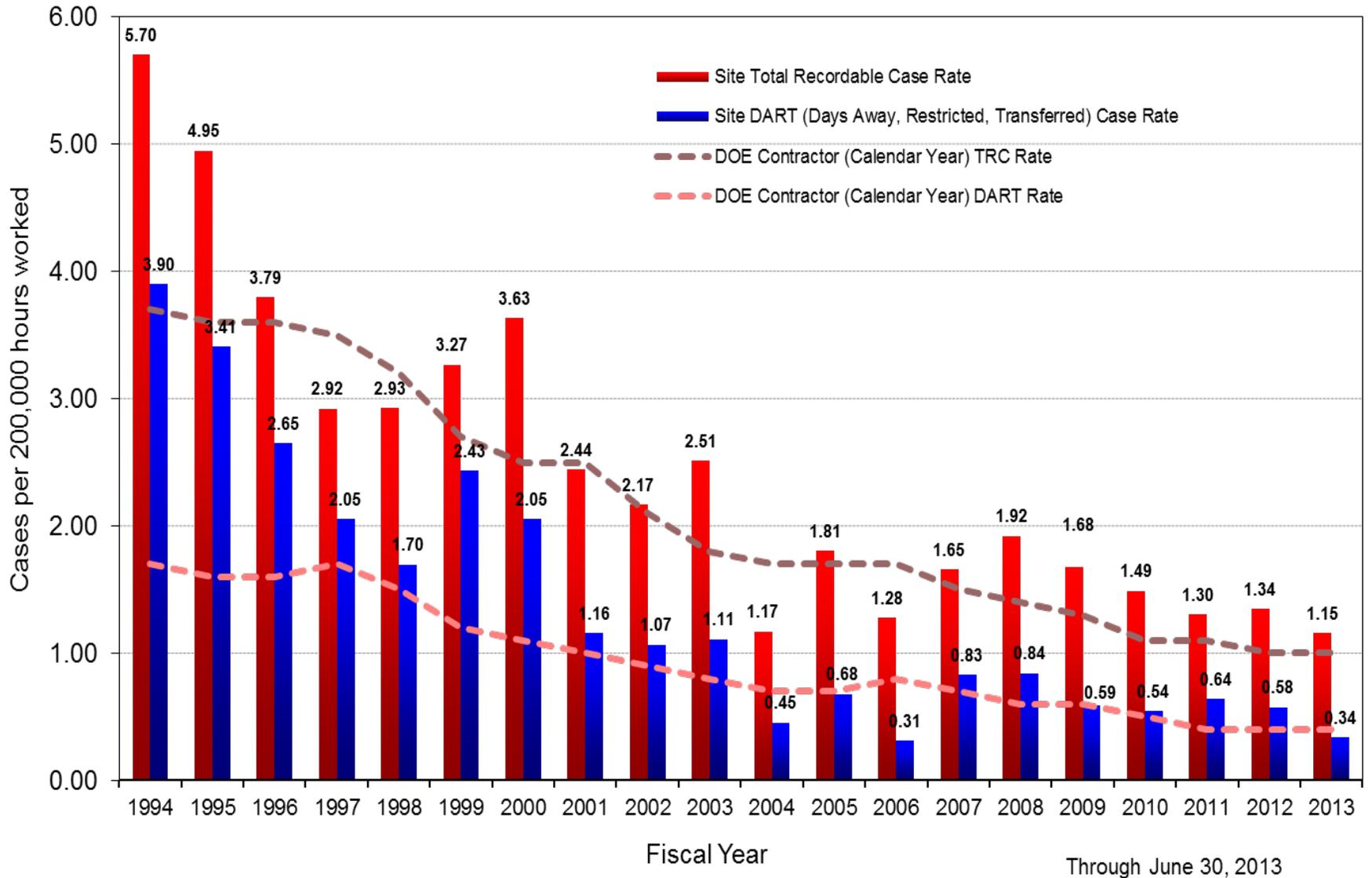
Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

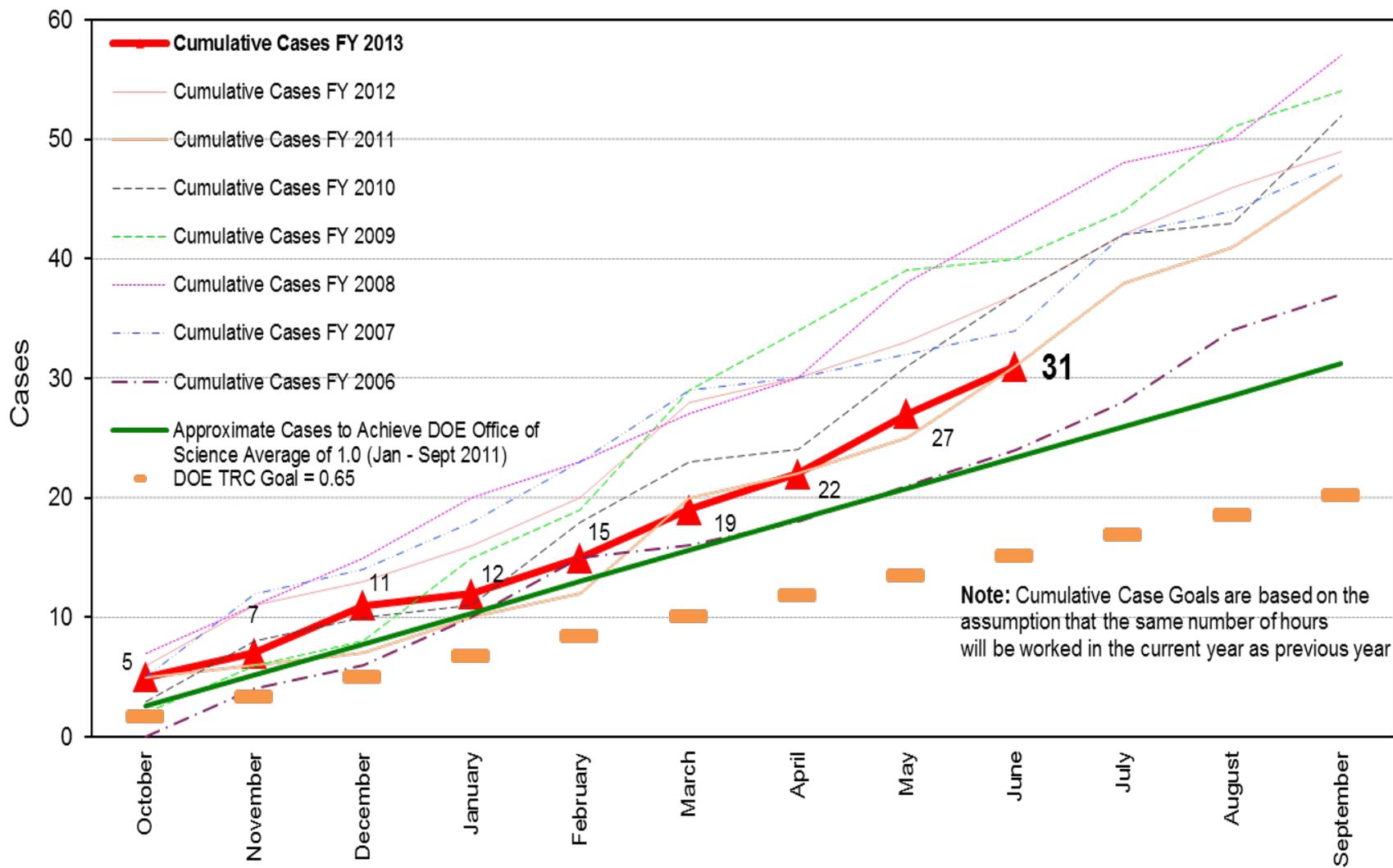
Through June 30, 2013



Berkeley Lab Site Accident Rates

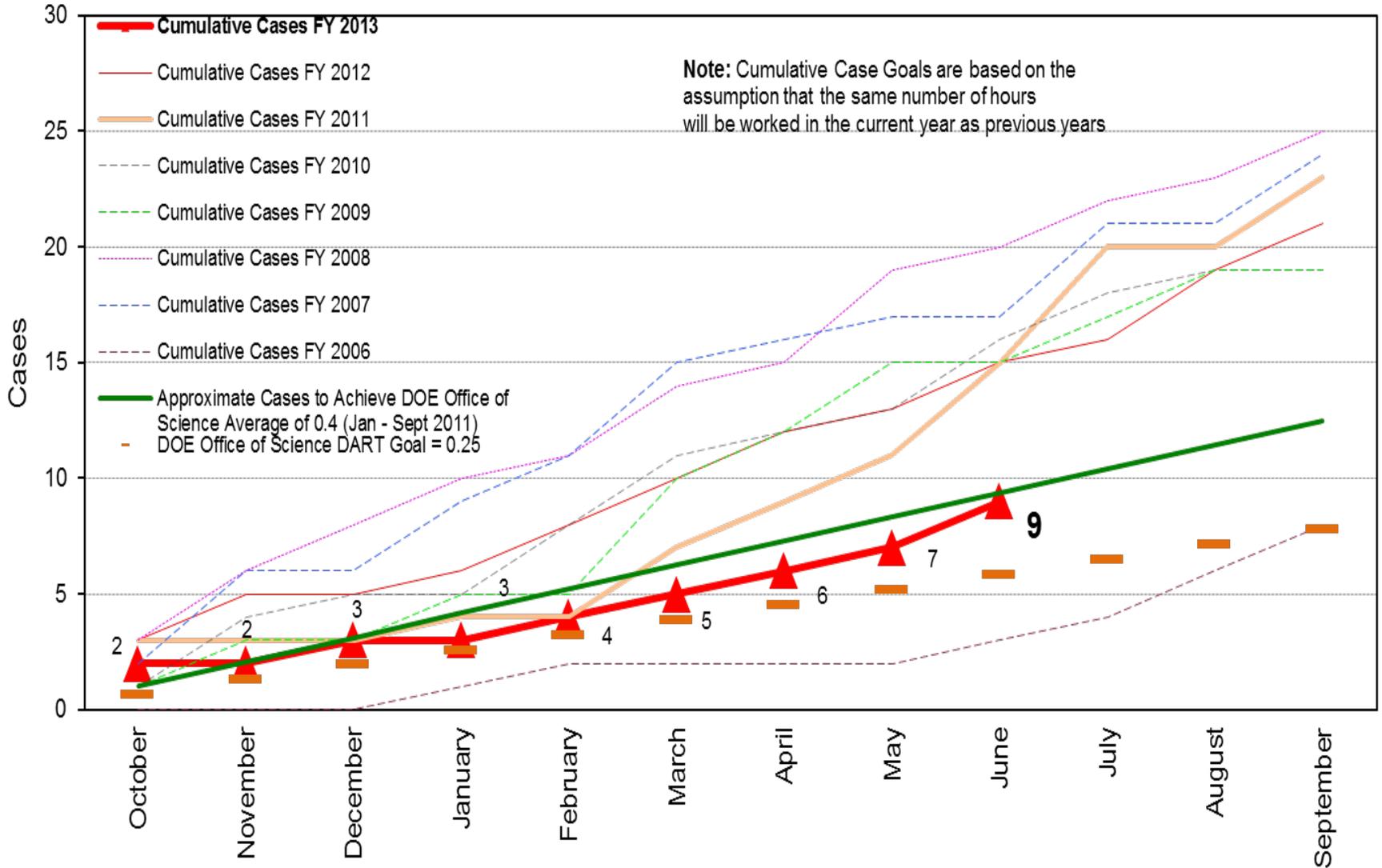


Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year

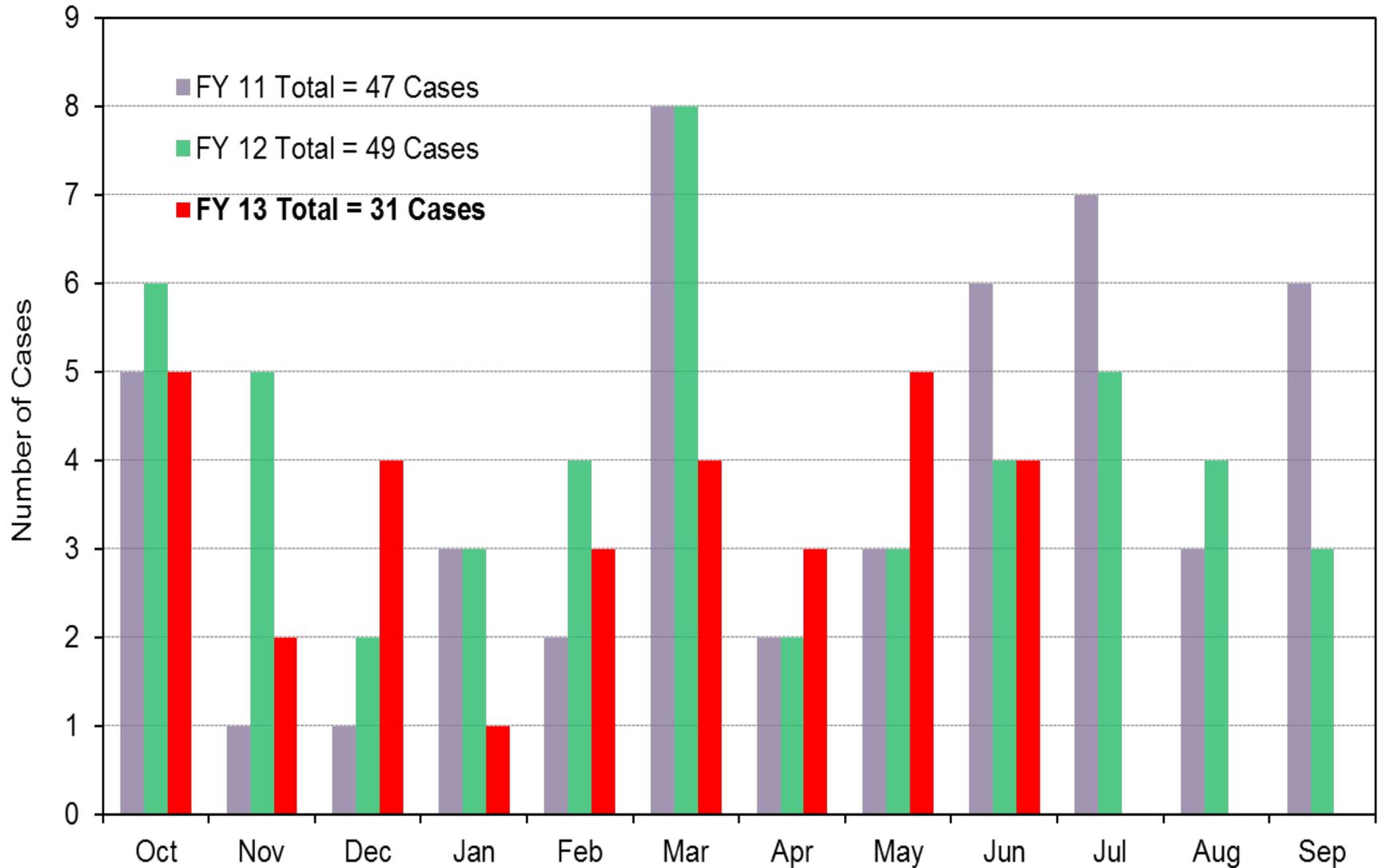


Berkeley Lab and Contractors

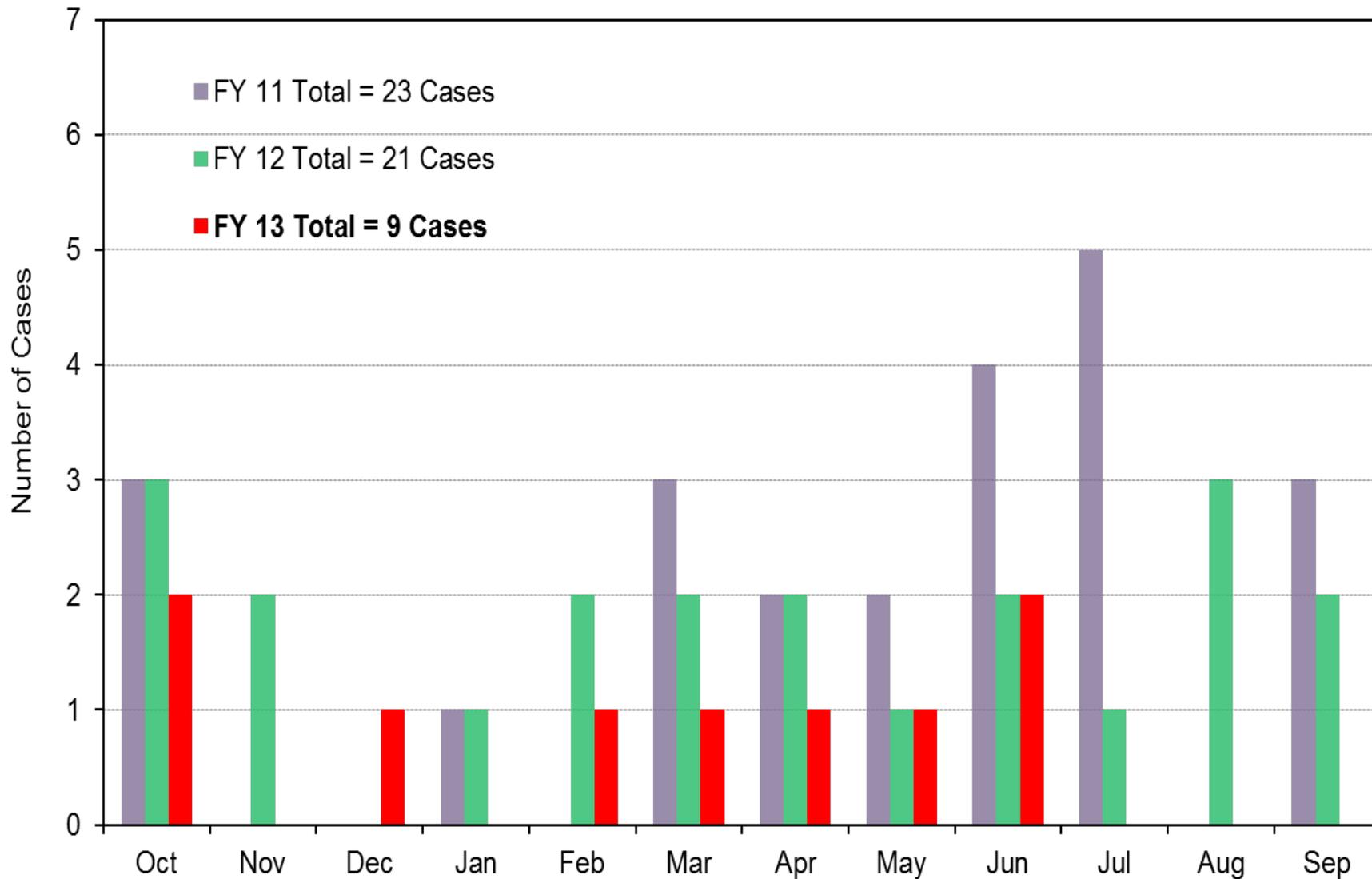
Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

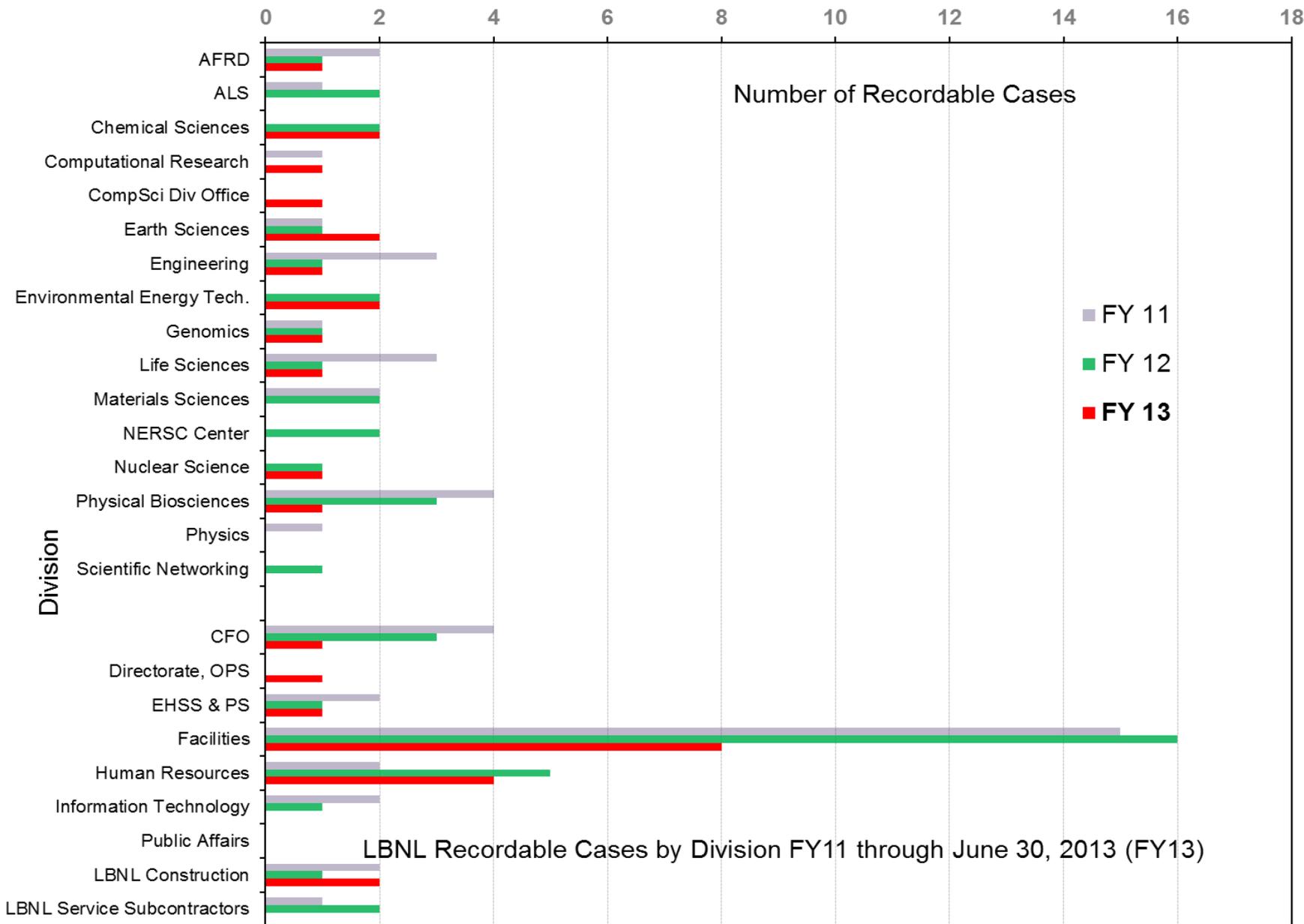


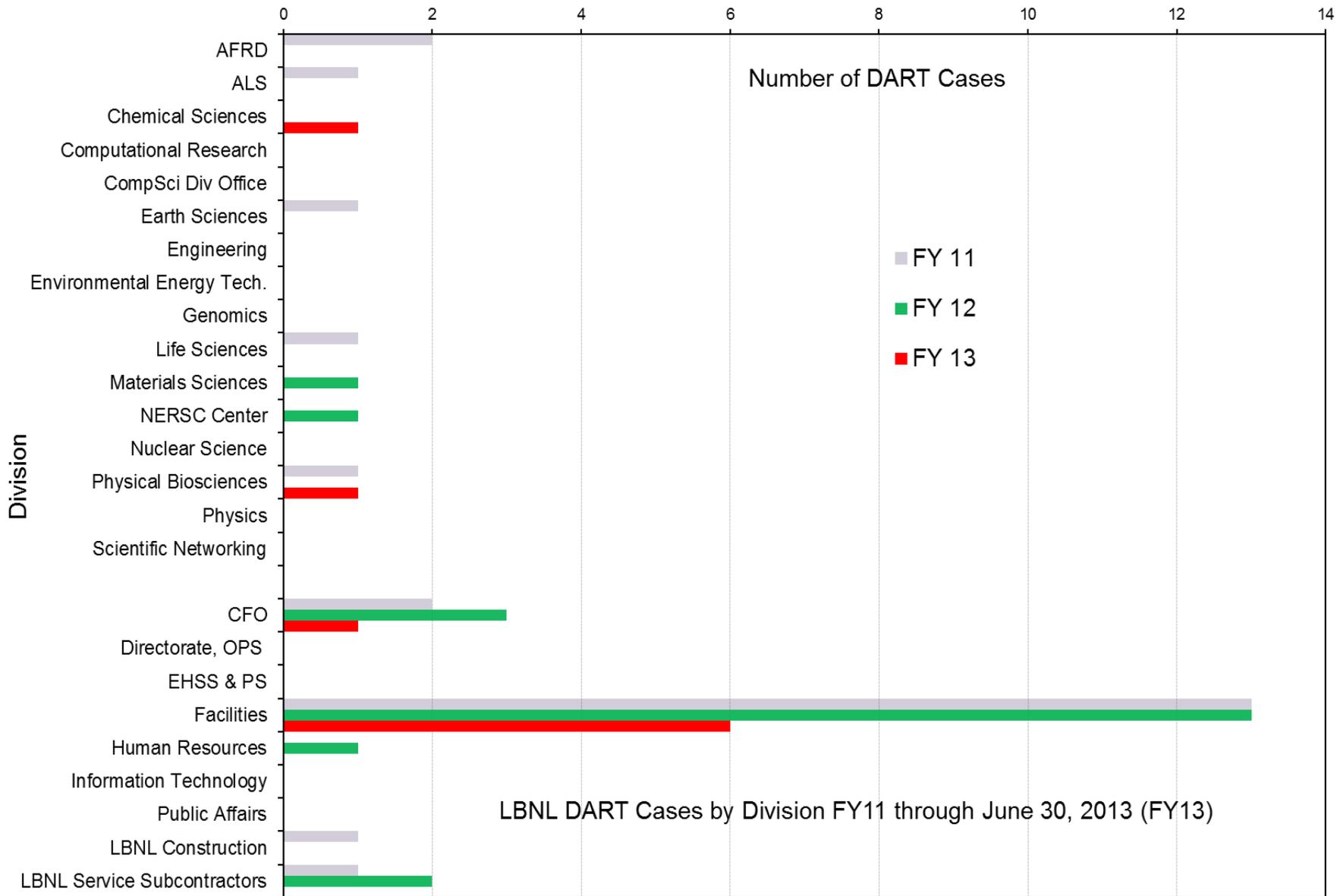
LBNL Recordable Cases FY11 through June 30, 2013 (FY13)



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

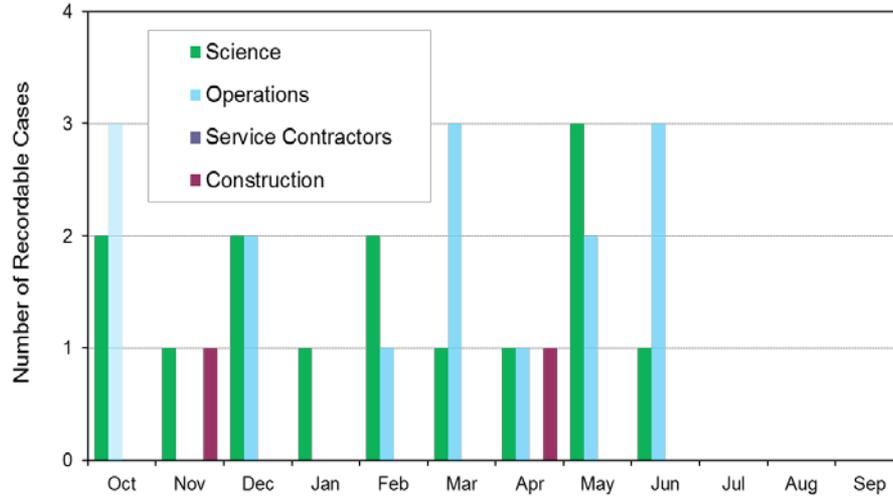




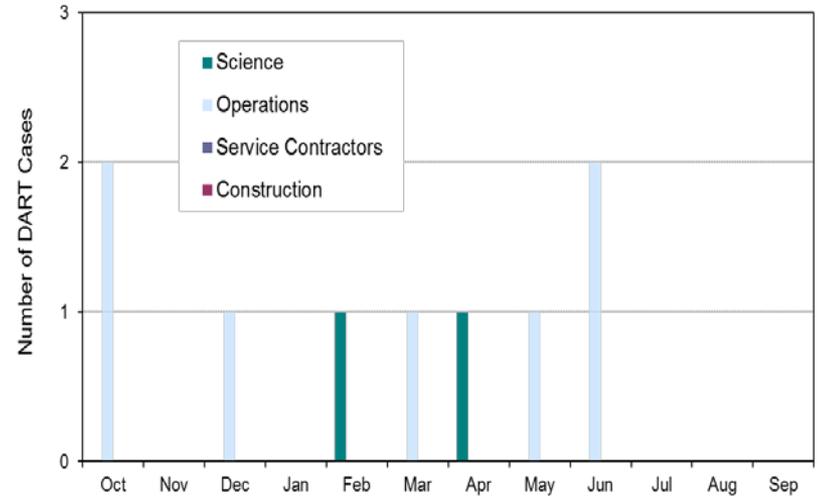


LBNL DART Cases by Division FY11 through June 30, 2013 (FY13)

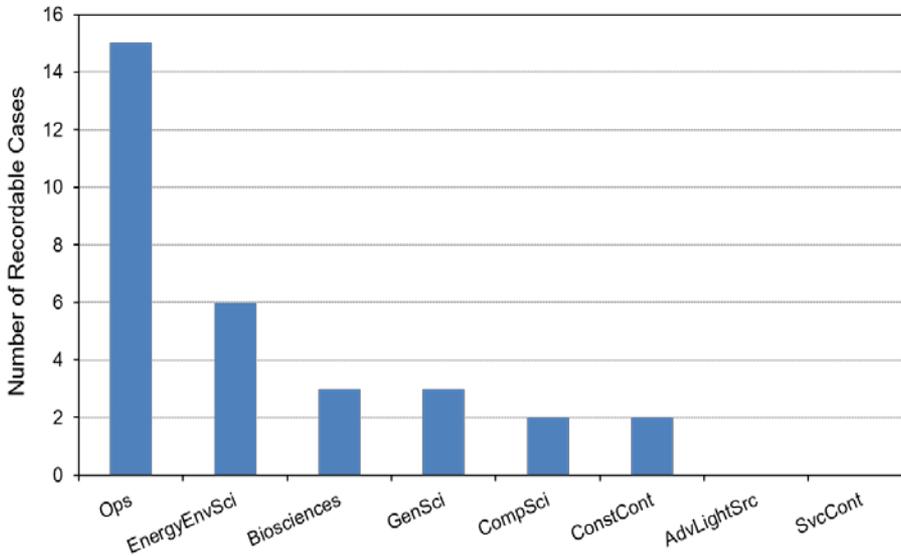
Recordable Cases by LBNL Major Organization
FY 2013 To Date June 30, 2013



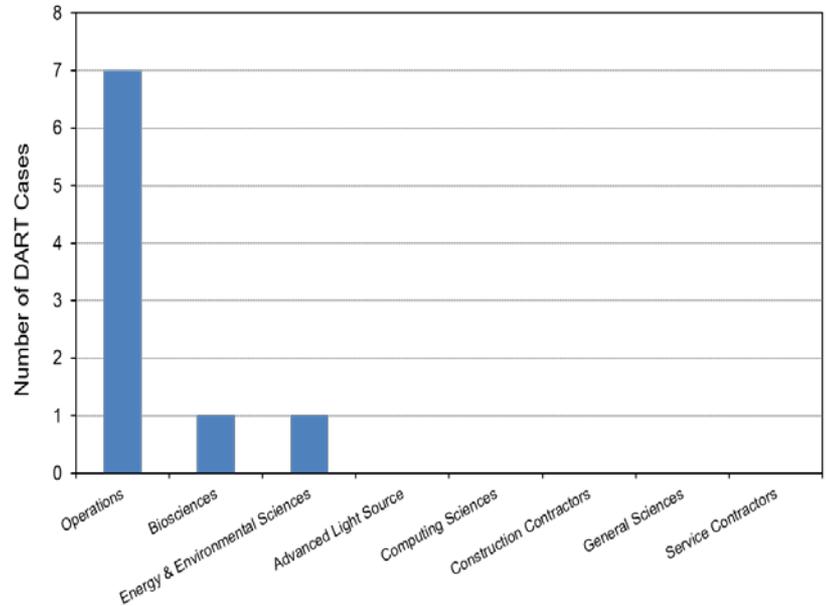
DART Cases by LBNL Major Organization
FY 2013 To Date June 30, 2013



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

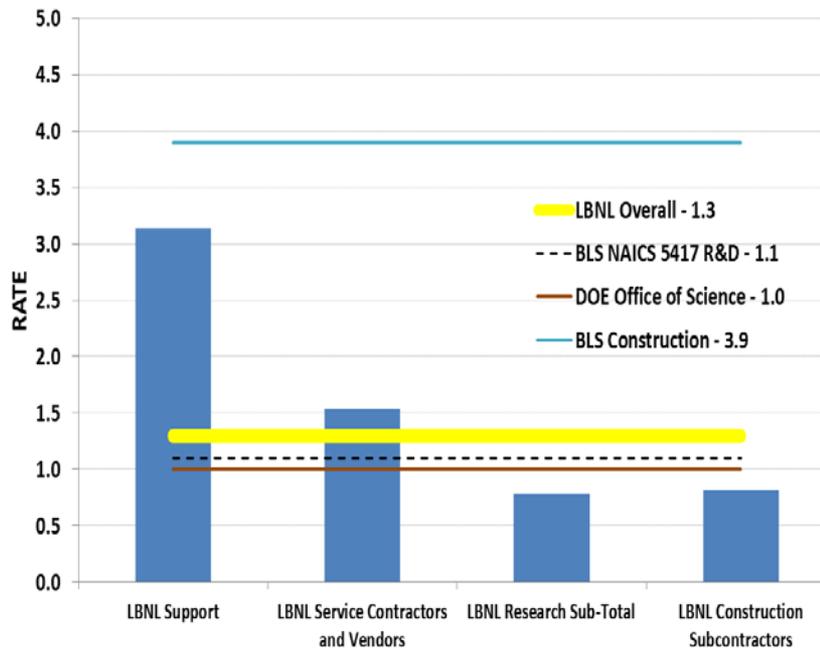


DART Cases by Directorate
FY 2013 To Date June 30, 2013

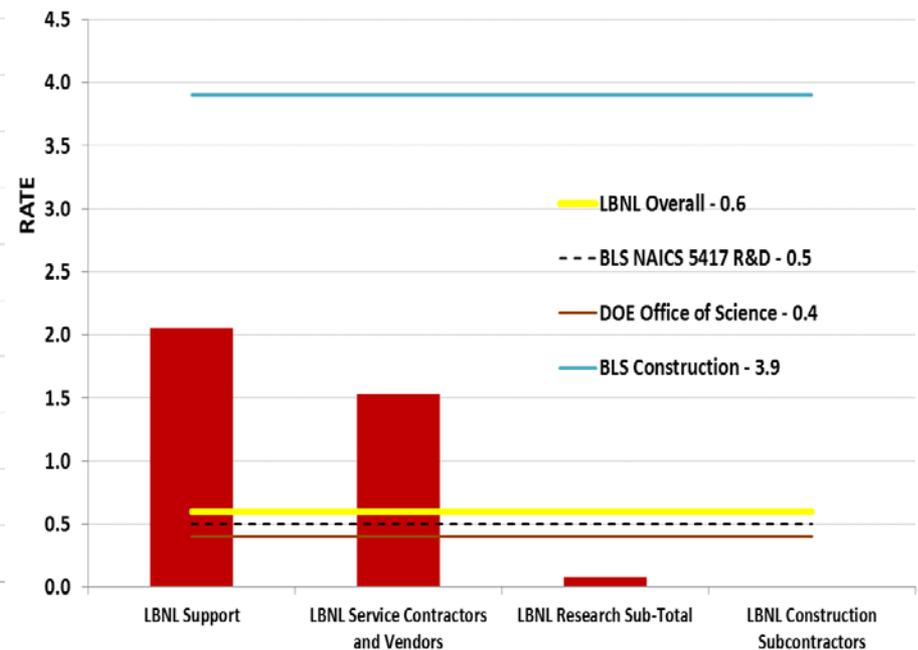


FY 2012 Summary Reference

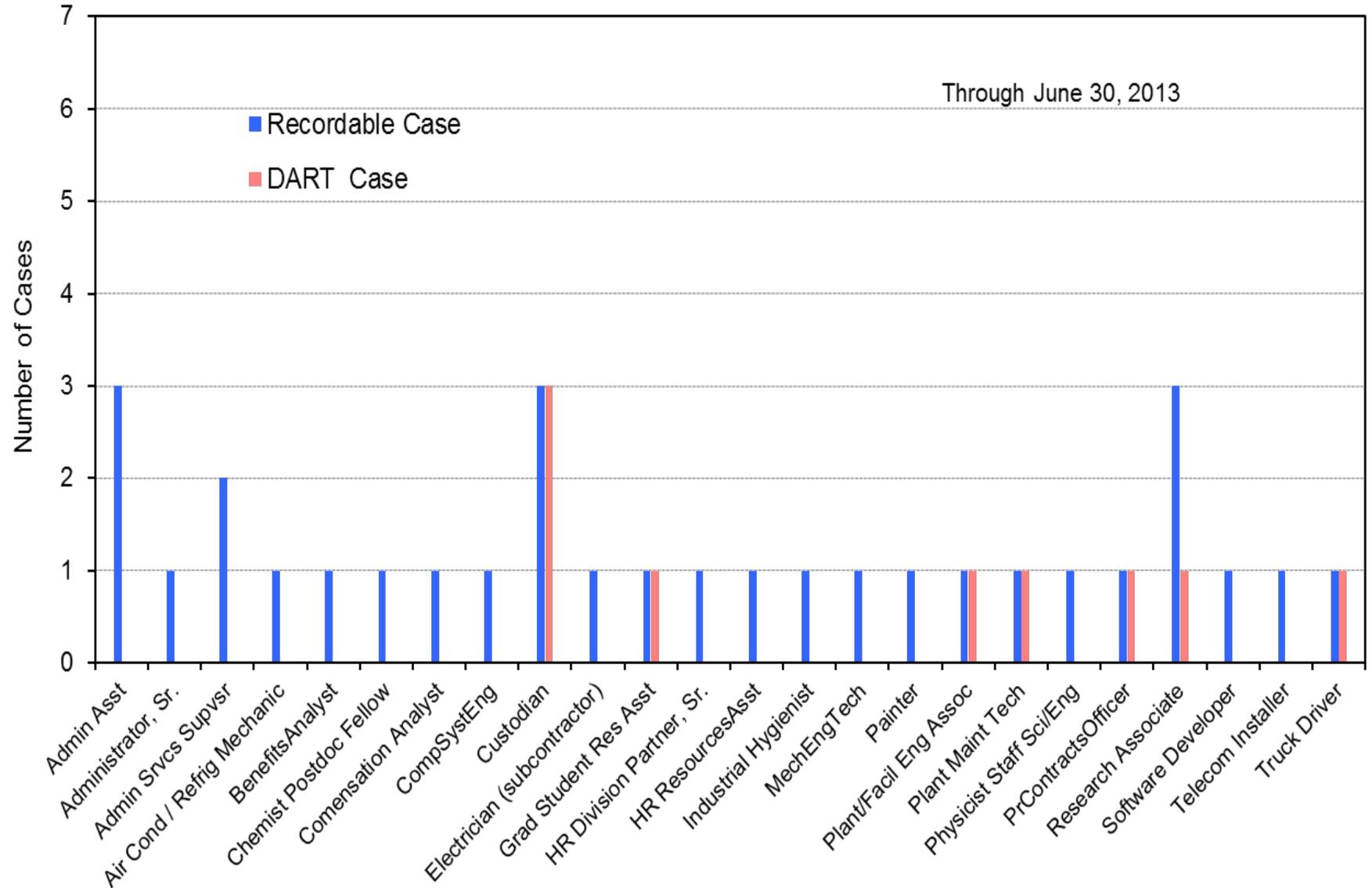
**FY12 Recordable Rate with Benchmarks
(DOE Reporting Organization)**



**FY12 DART Rate with Benchmarks
(DOE Reporting Organization)**

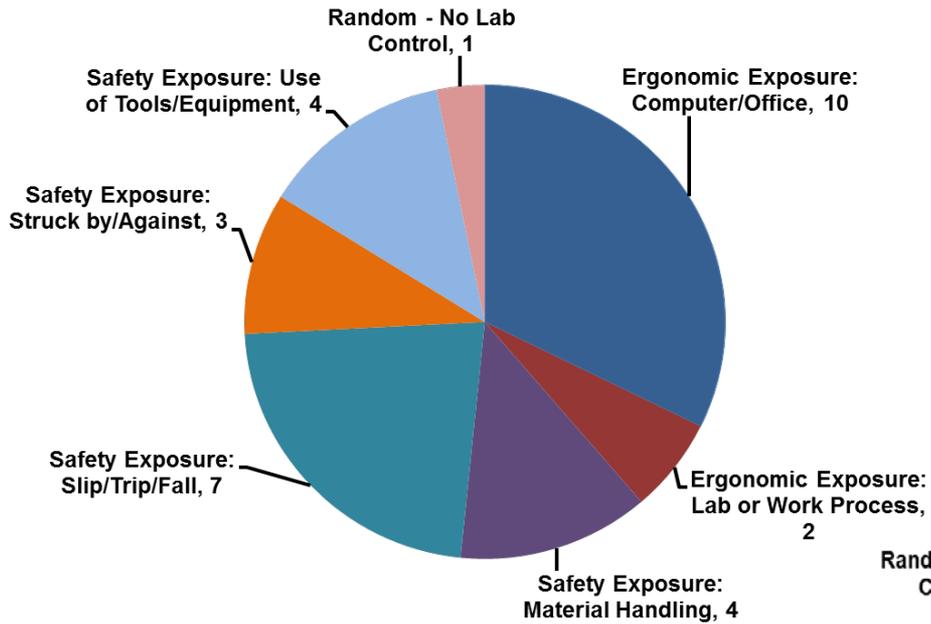


Recordable and DART Cases by Job Classification

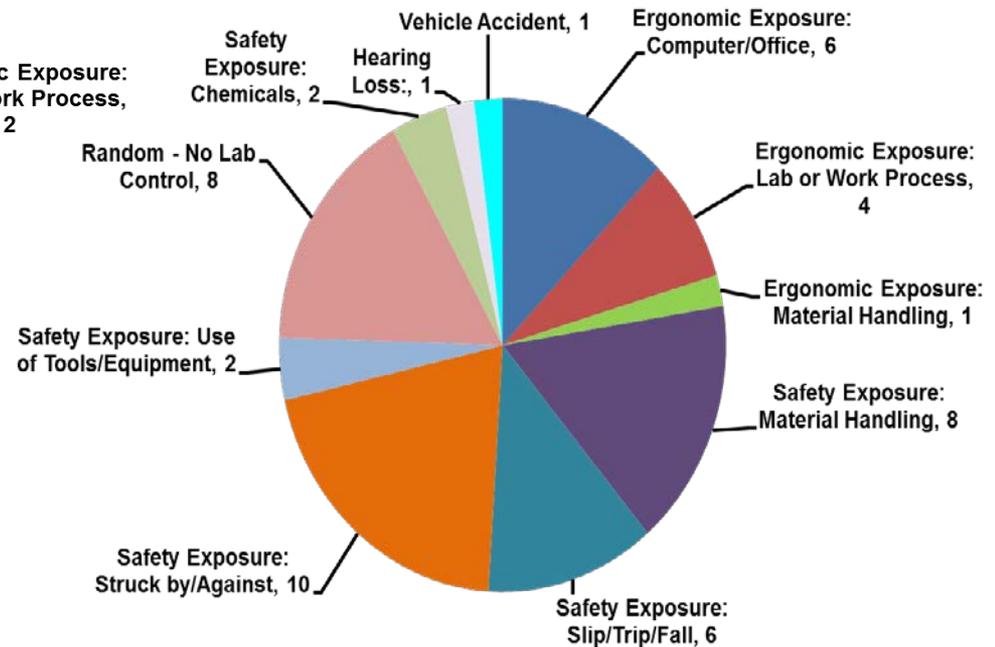


Recordable Injury Categories and Causes

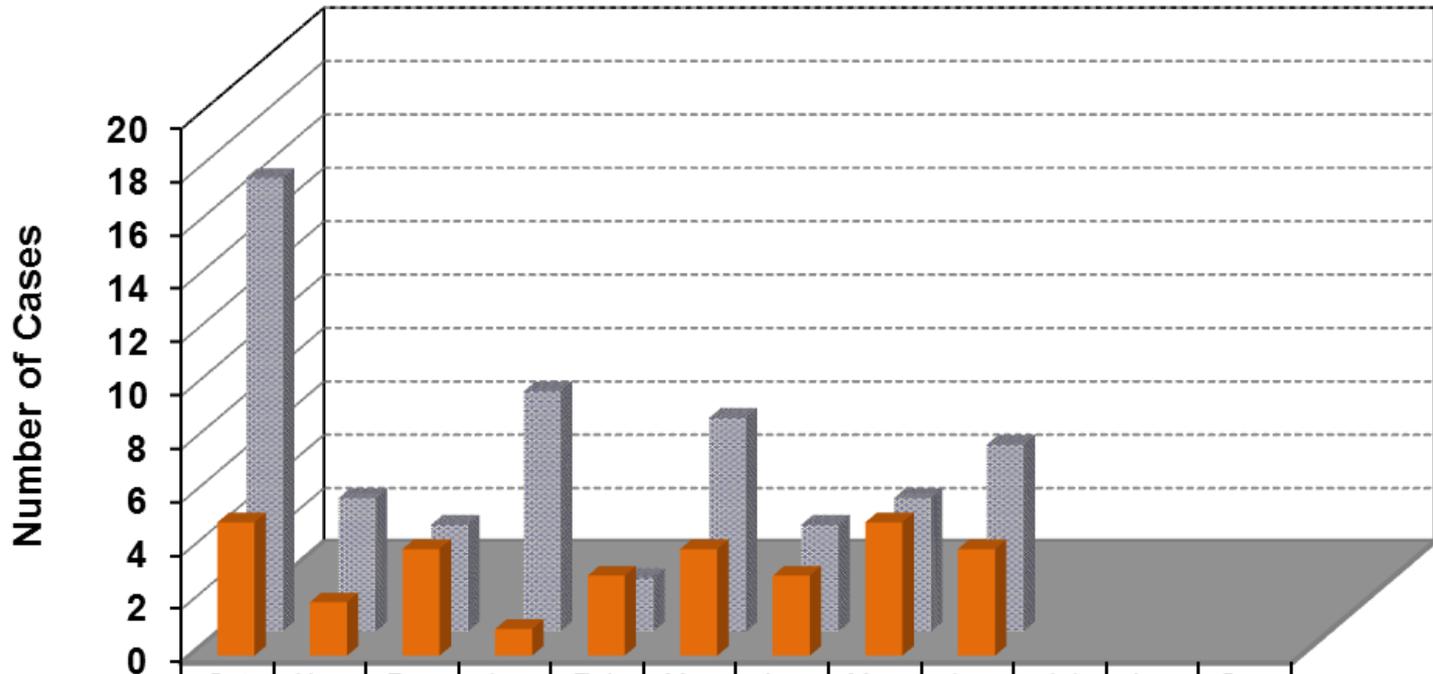
FY 2013 through 6/30/13



FY 2012

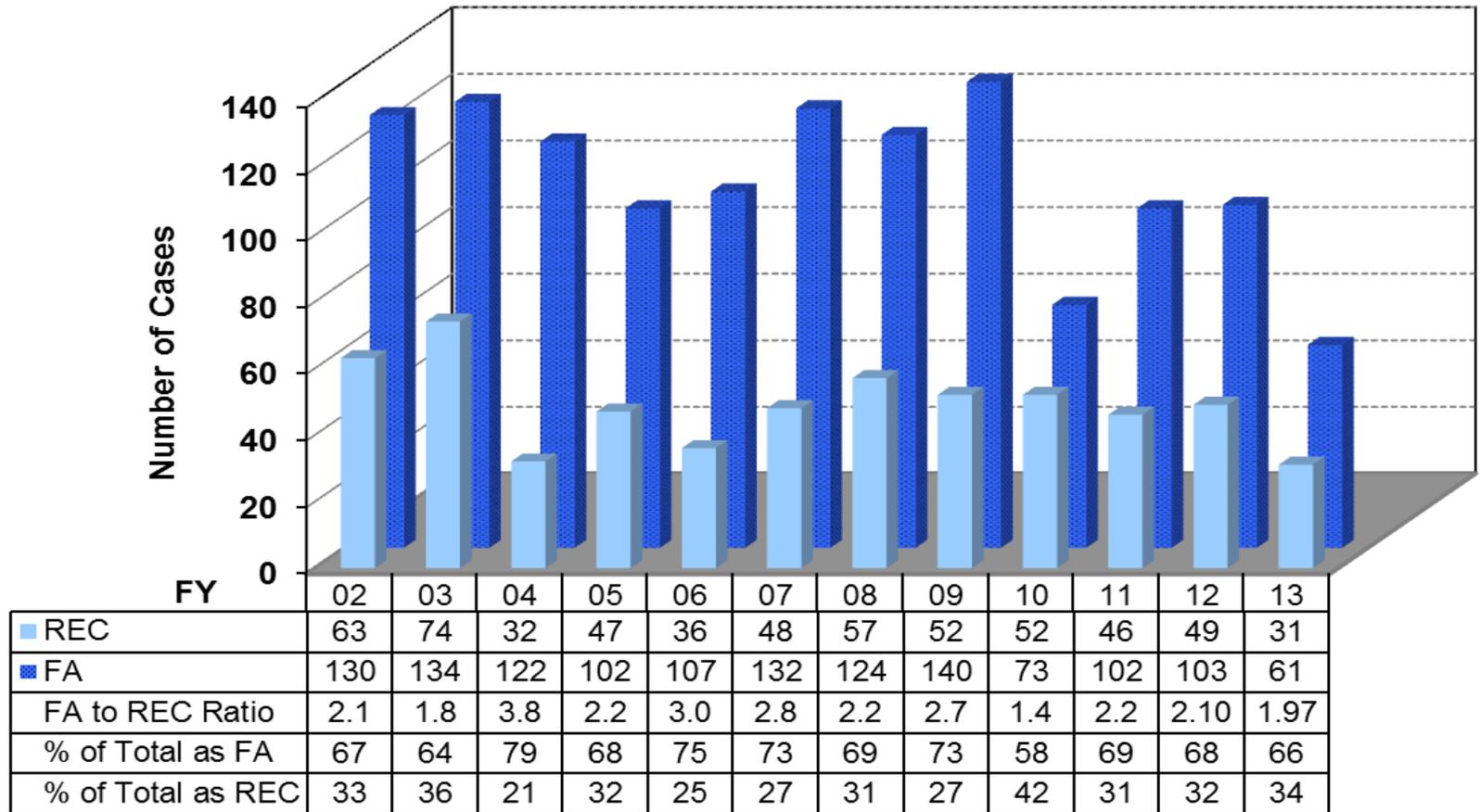


FY2013 First Aid to Recordable Comparison by Month through June 30, 2013



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	5	2	4	1	3	4	3	5	4			
■ FA	17	5	4	9	2	8	4	5	7			
FA to REC Ratio	3.4	2.5	1.0	9.0	0.7	2.0	1.3	1.0	1.8			
% of Total as FA	77	71	50	90	40	67	57	50	64			
% of Total as REC	23	29	50	10	60	33	43	50	36			

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



LBNL Total Recordable Cases October 1, 2012 - September 30, 2013 (FY-13)

	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	0	0	3
AFRD	0	0	0	1	0	0	0	0	0	0	0	0	1
Engineering	0	0	0	0	0	0	0	0	1	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	1	1	1	0	0	1	1	1	0	0	0	0	6
Chemical Sciences	0	1	0	0	0	0	1	0	0	0	0	0	2
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	0	0
Biosciences	0	0	1	0	2	0	0	0	0	0	0	0	3
Genomics	0	0	1	0	0	0	0	0	0	0	0	0	1
Life Sciences	0	0	0	0	1	0	0	0	0	0	0	0	1
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	1	0	0	0	14
LBNL Operations													
EHSS & PS	0	0	0	0	0	1	0	0	0	0	0	0	1
Facilities	3	0	1	0	0	2	0	1	1	0	0	0	8
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	0	1
LBNL Operations Sub-Total	3	0	2	0	1	3	1	2	3	0	0	0	15
LBNL Total	5	1	4	1	3	4	2	5	4	0	0	0	29
LBNL Construction	0	1	0	0	0	0	1	0	0	0	0	0	2
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	4	0	0	0	31
<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 06/30/13

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety / Security
DIVISION

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													
EHSS & 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	0	0	6
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	1	0	0	0	1
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Operations Sub-Total	2	0	1	0	0	1	0	1	2	0	0	0	7
LBNL Total	2	0	1	0	1	1	1	1	2	0	0	0	9
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	2	0	0	0	9
<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 06/30/13

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety / Security
DIVISION



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