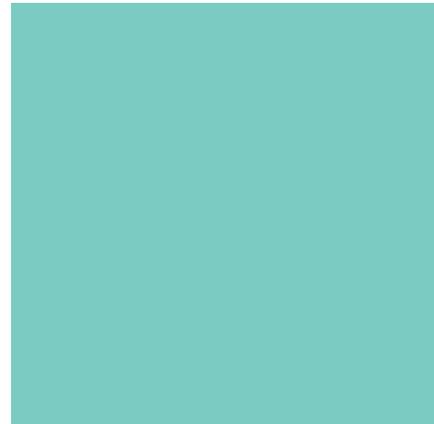




Berkeley Lab Accident Statistics Through

April 30, 2014



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 – April 2014

Ergonomic Related Injuries

- **Arm discomfort**

- An Administrative Assistant reported pain in the upper arm region as a result of repetitive use of a computer mouse.

Slip and Fall

- **Lower back strain**

- While retrieving samples from a minus 80 degree freezer, a Biochemist Project Scientist / Engineer slipped on a wet portion of a highly waxed floor in front of the freezer and fell striking the lower back and an elbow on the floor. Small amounts of ice / frost frequently fall onto the floor when opening a minus 80 degree freezer door.

Injury/Illness Cases – April 2014

Laceration

- **Laceration on back of hand**

- A Graduate Student Research Assistant was reaching under the Steelcase desk file drawer to grab a pair of shoes. The back of the employee's hand struck against a metal burr under the metal drawer frame. The burr was determined to be an artifact of the manufacturing process. Identical burrs were found in the same location on approximately 8 other of the older Steelcase desks in the immediate area.

Injury/Illness Cases – April 2014

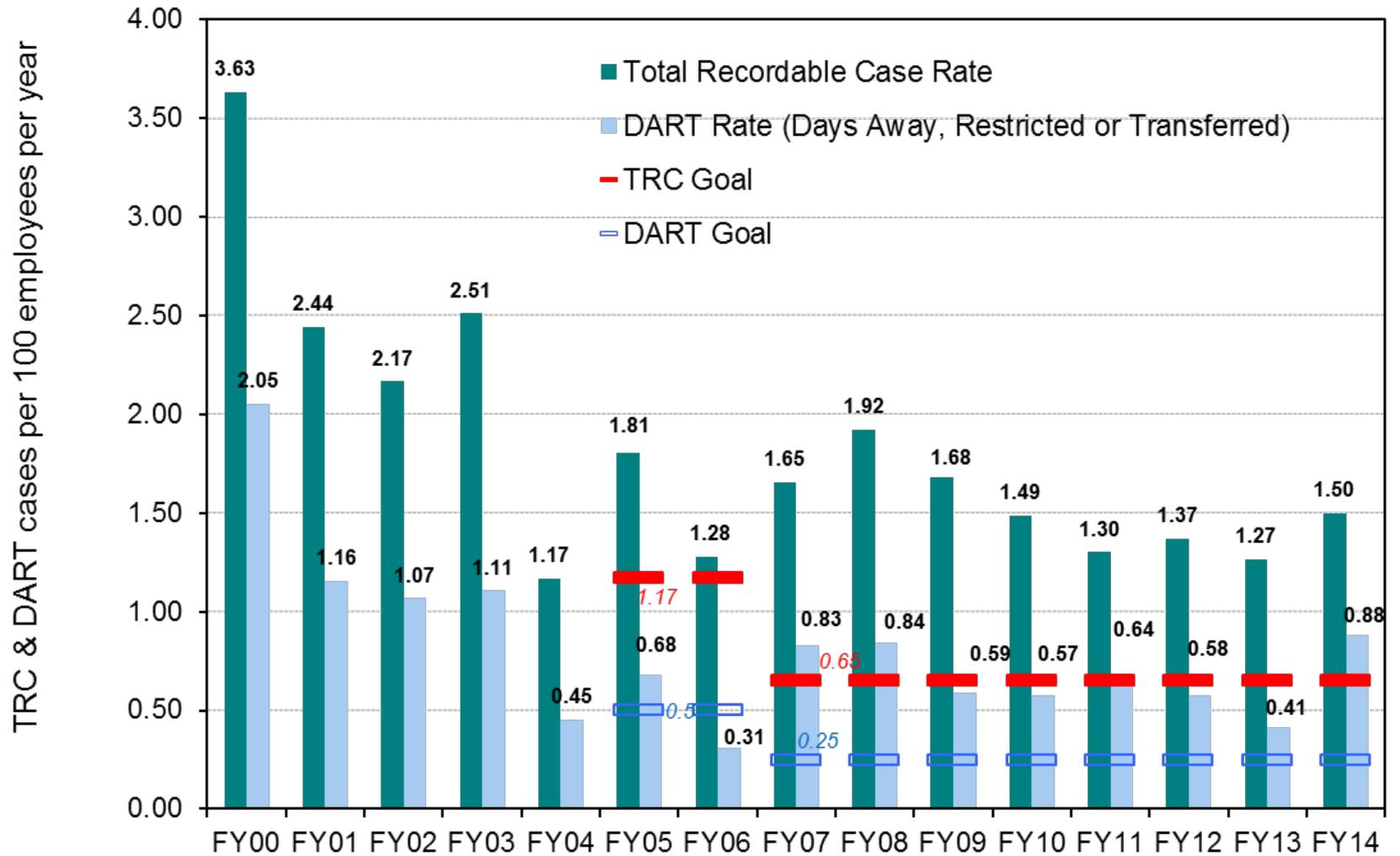
Chemical Use Related

- **Possible hydrofluoric acid contact**
 - A Research Assistant experienced a burning sensation and tingling bilaterally from the forearm to the palm of the hand about 6 hours after working in a chemical hood where hydrofluoric acid (HF) is used (the employee was not working with HF). The employee called the supervisor and then reported to Alta Bates emergency room and was treated with calcium gluconate.
- **White board cleaner in eyes**
 - While preparing to clean a pair of safety glasses with white board cleaner a Painter inadvertently pressed the pump tab while the nozzle was pointed at the employee's face and sprayed a stream of the cleaner into both eyes.

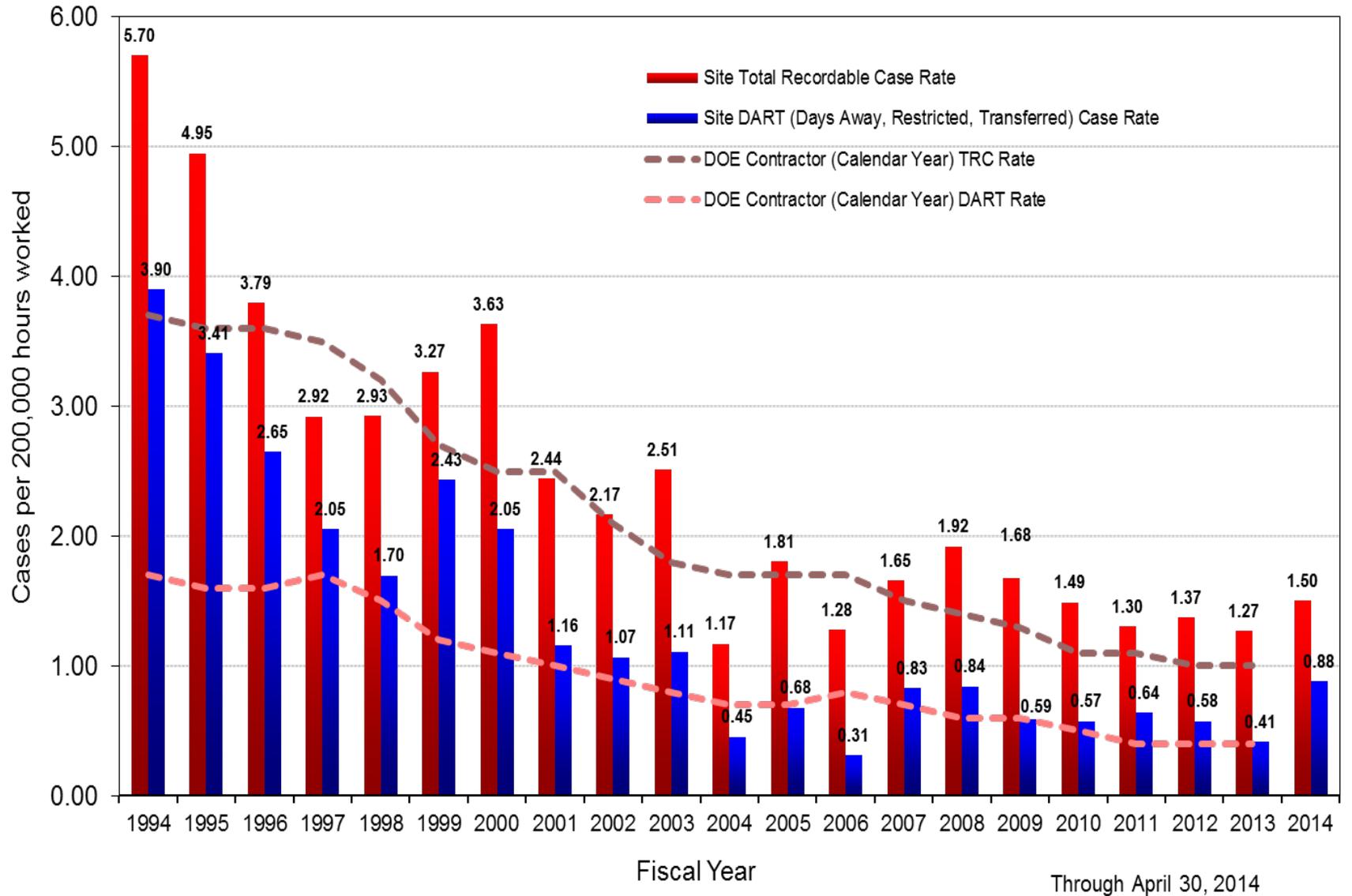
Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

Through April 30, 2014

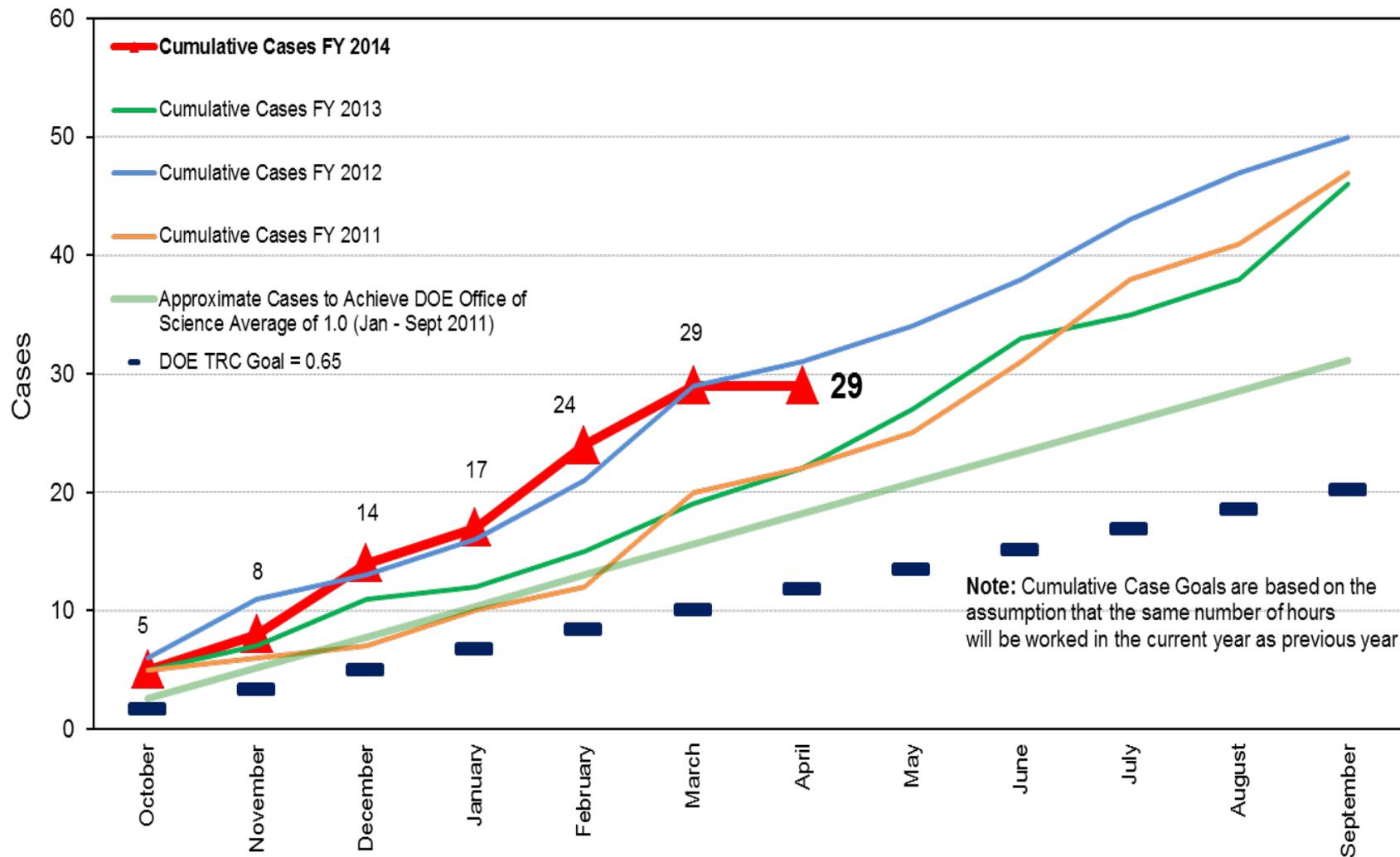


Berkeley Lab Site Accident Rates

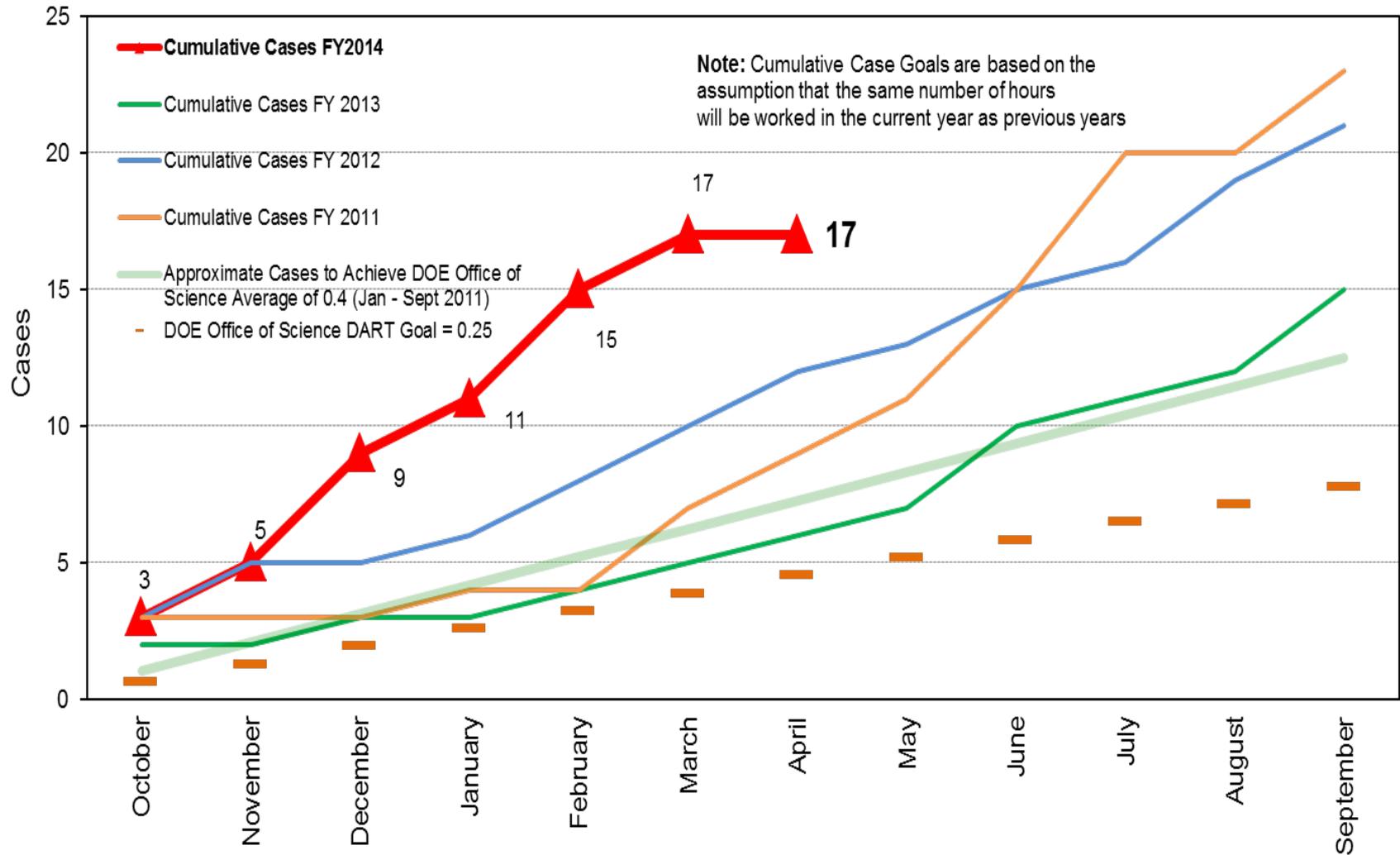


Through April 30, 2014

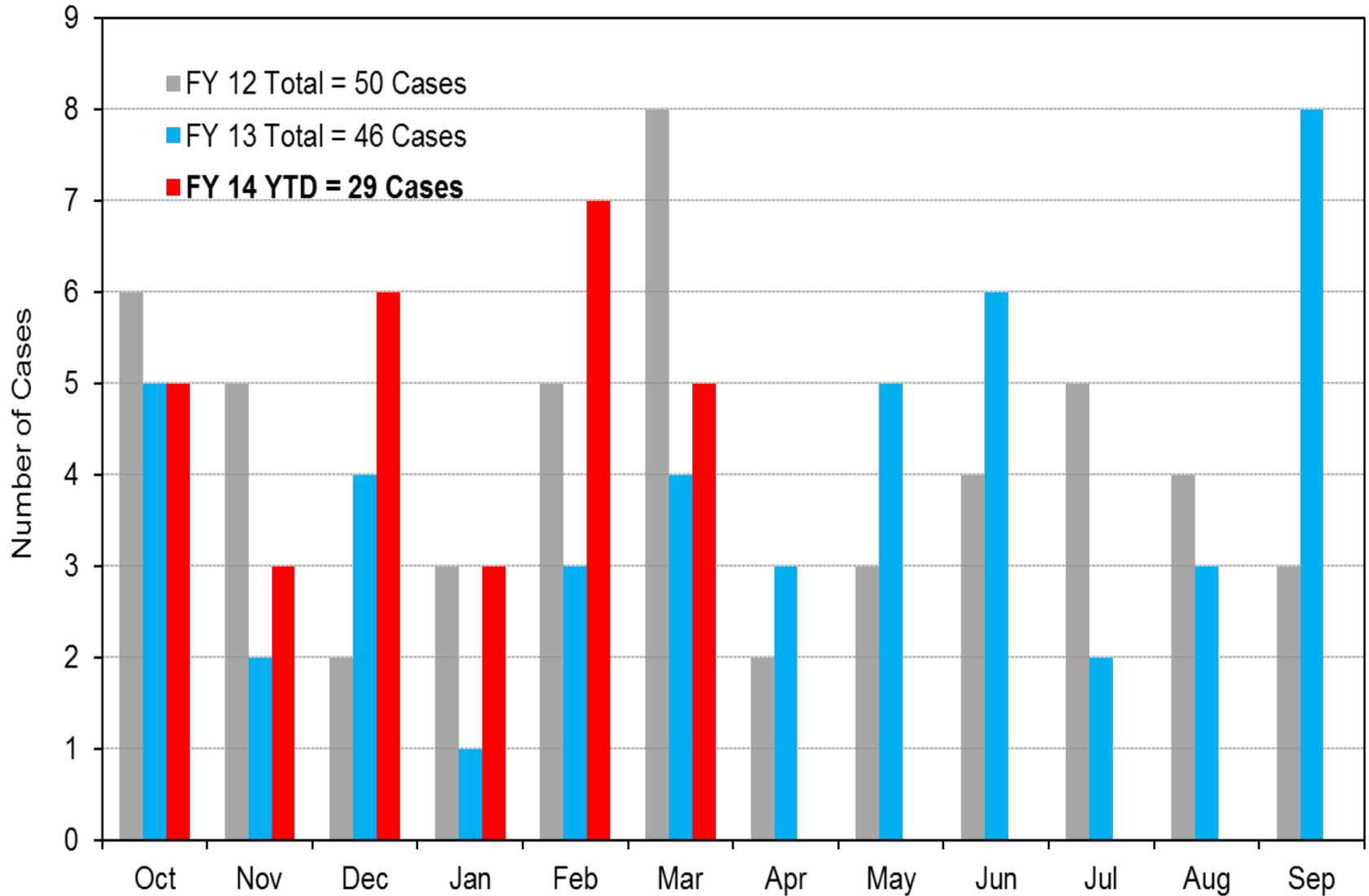
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



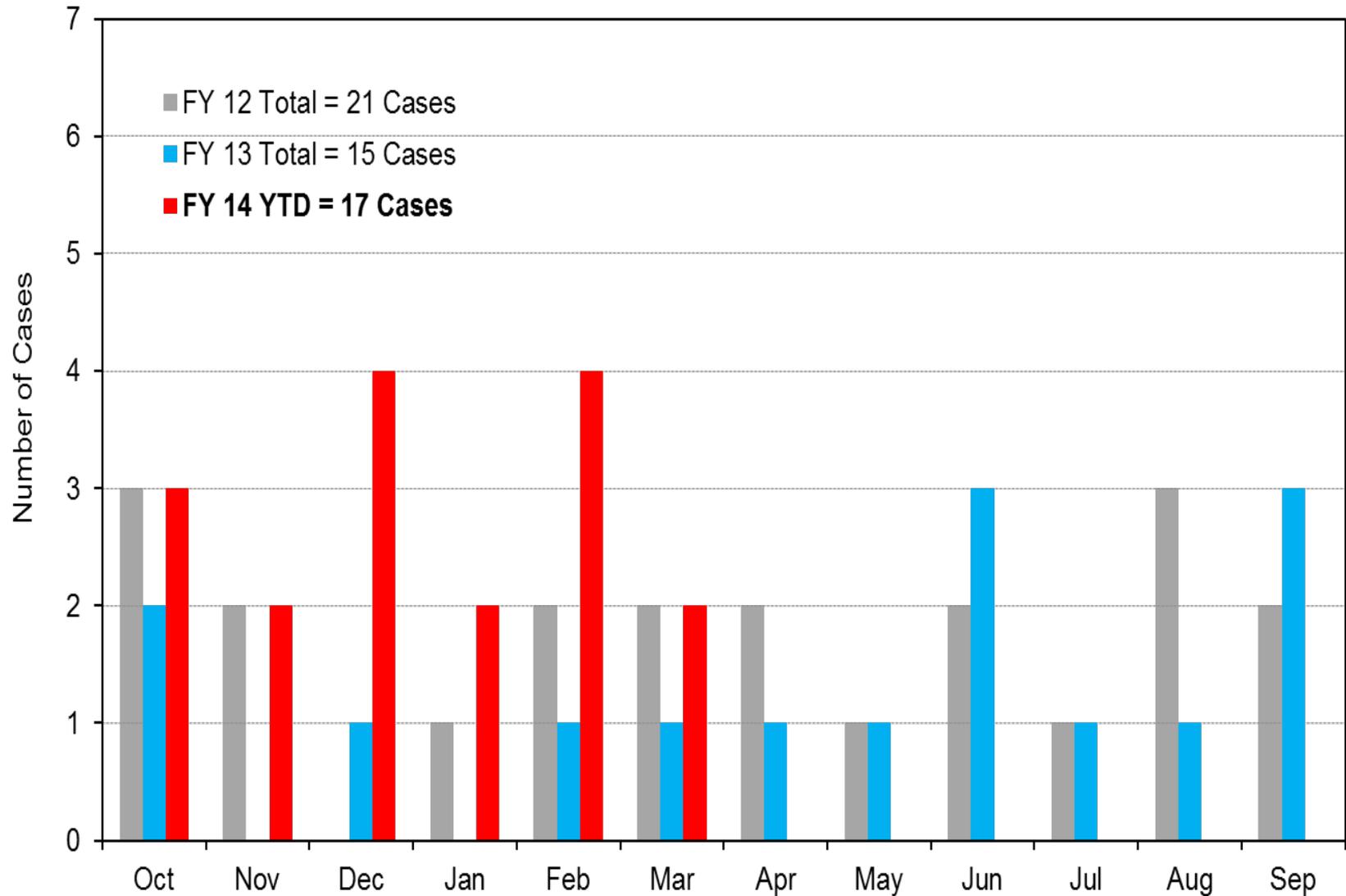
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

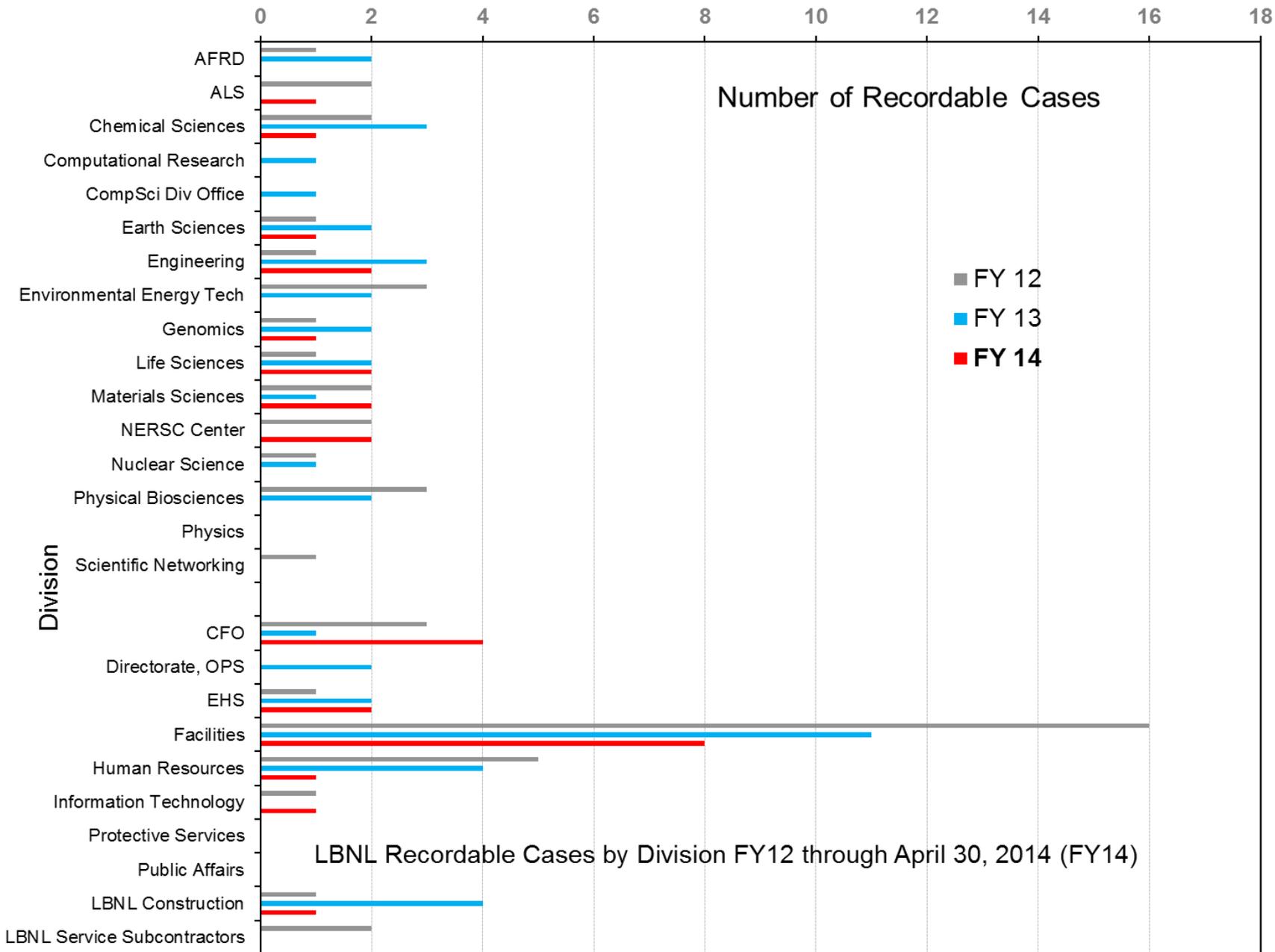


LBNL Recordable Cases FY12 through April 30, 2014 (FY14)

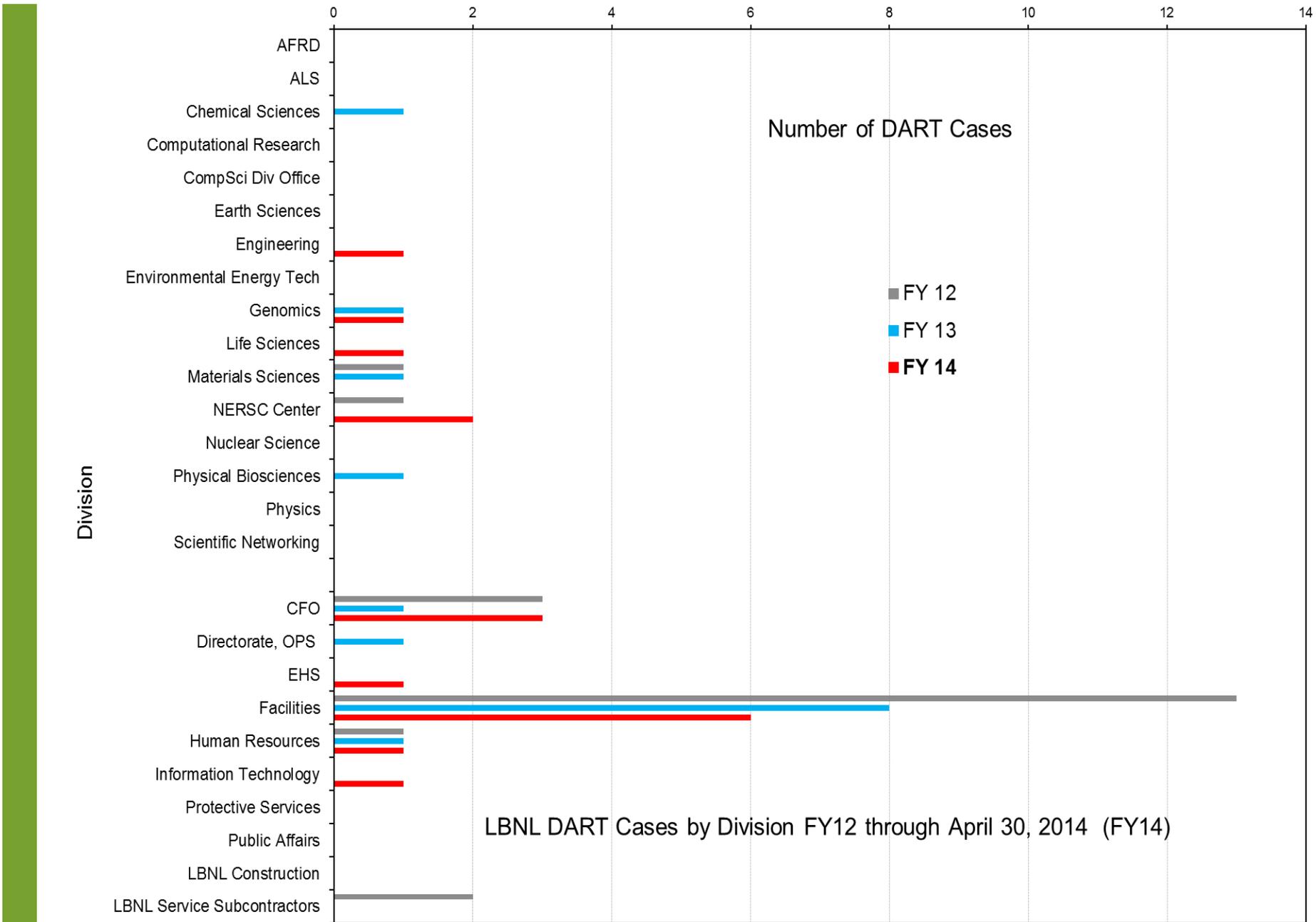


LBNL DART Cases FY12 through April 30, 2014 (FY14)



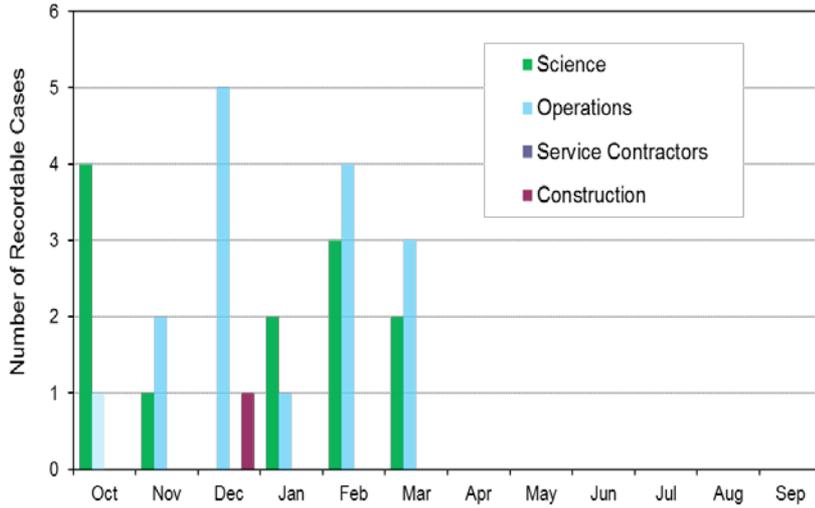


LBNL Recordable Cases by Division FY12 through April 30, 2014 (FY14)

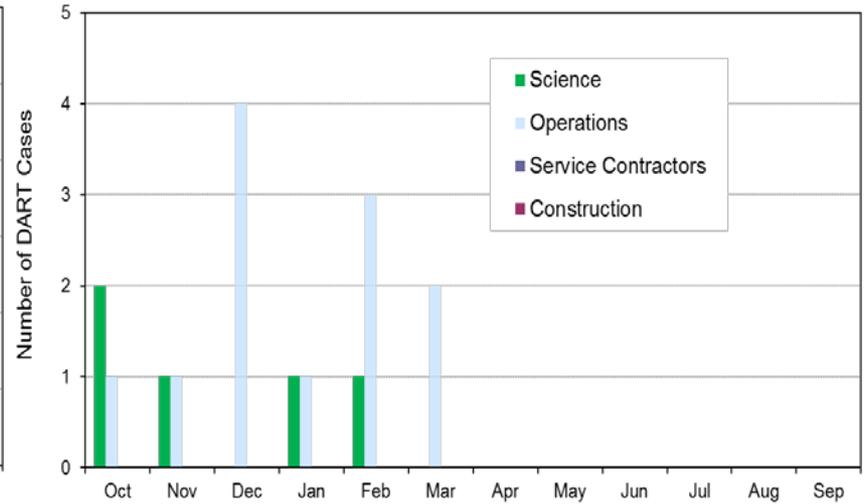


LBNL DART Cases by Division FY12 through April 30, 2014 (FY14)

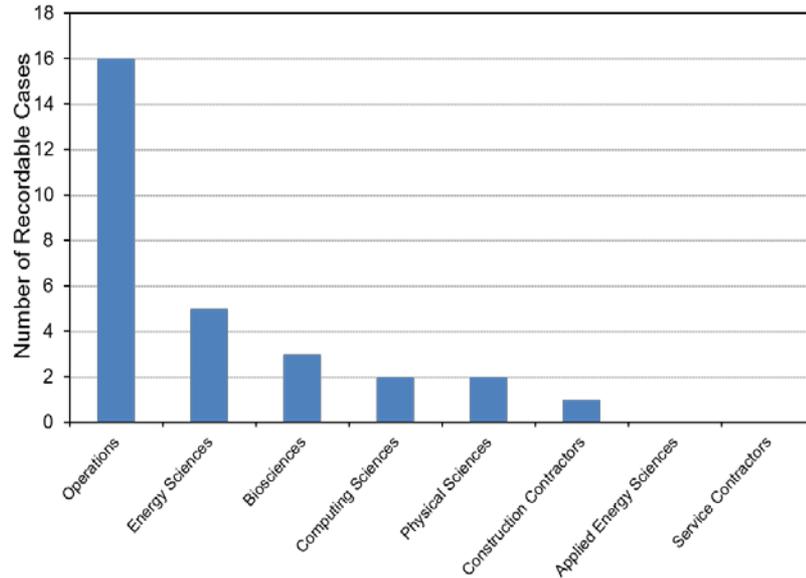
Recordable Cases by LBNL Major Organization
FY 2014 To Date April 30, 2014



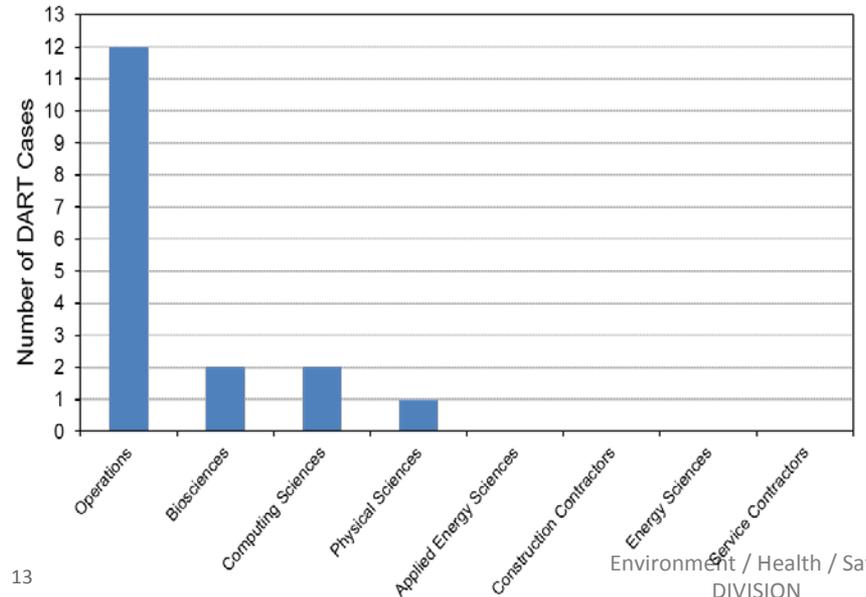
DART Cases by LBNL Major Organization
FY 2014 To Date April 30, 2014



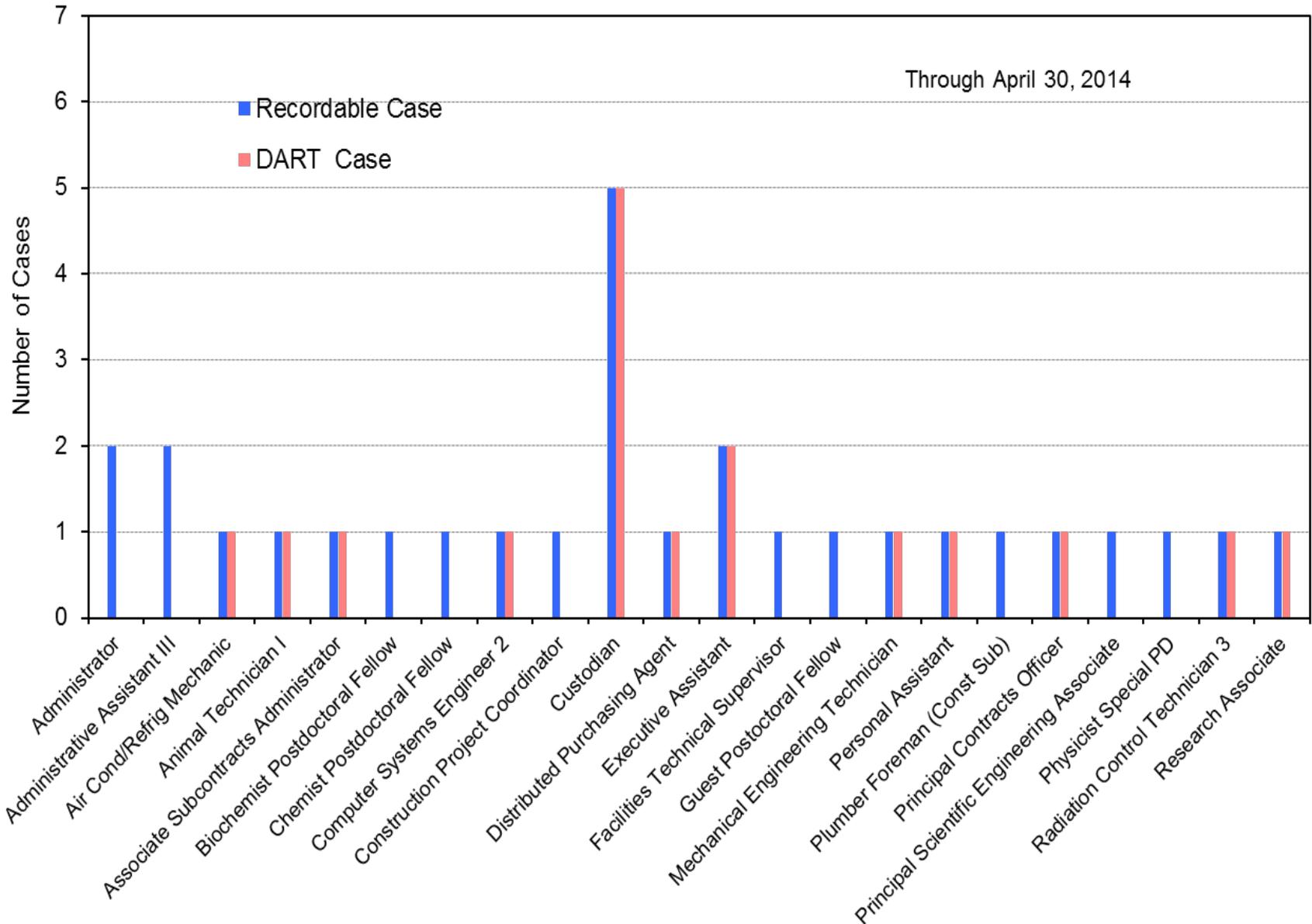
Recordable Cases by Associate Laboratory Directorate
FY 2014 To Date April 30, 2014



DART Cases by Associate Laboratory Directorate
FY 2014 To Date April 30, 2014

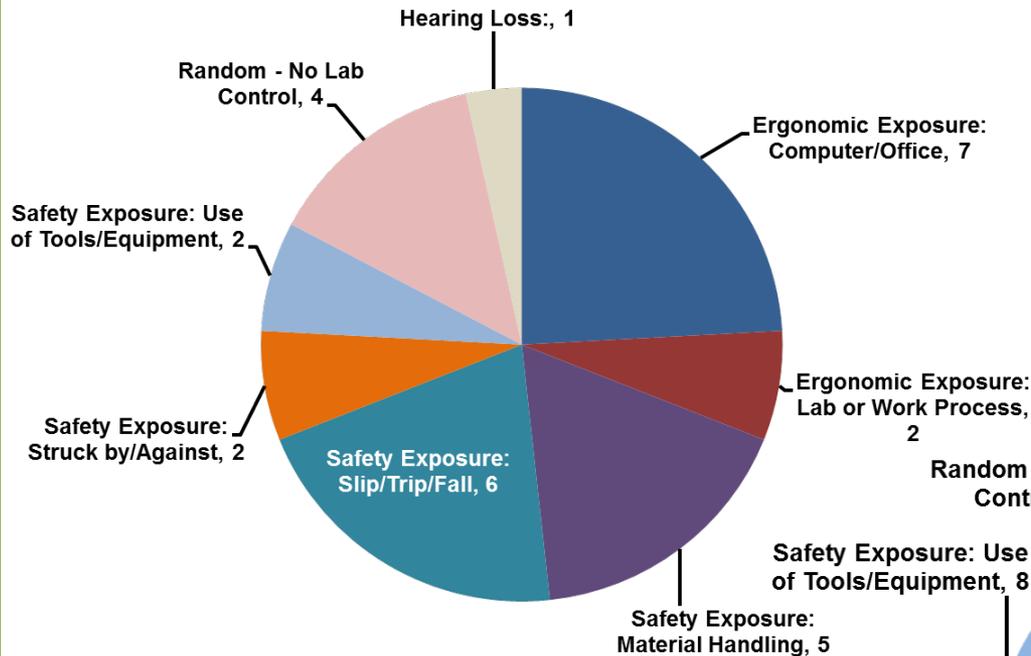


Recordable and DART Cases by Job Classification

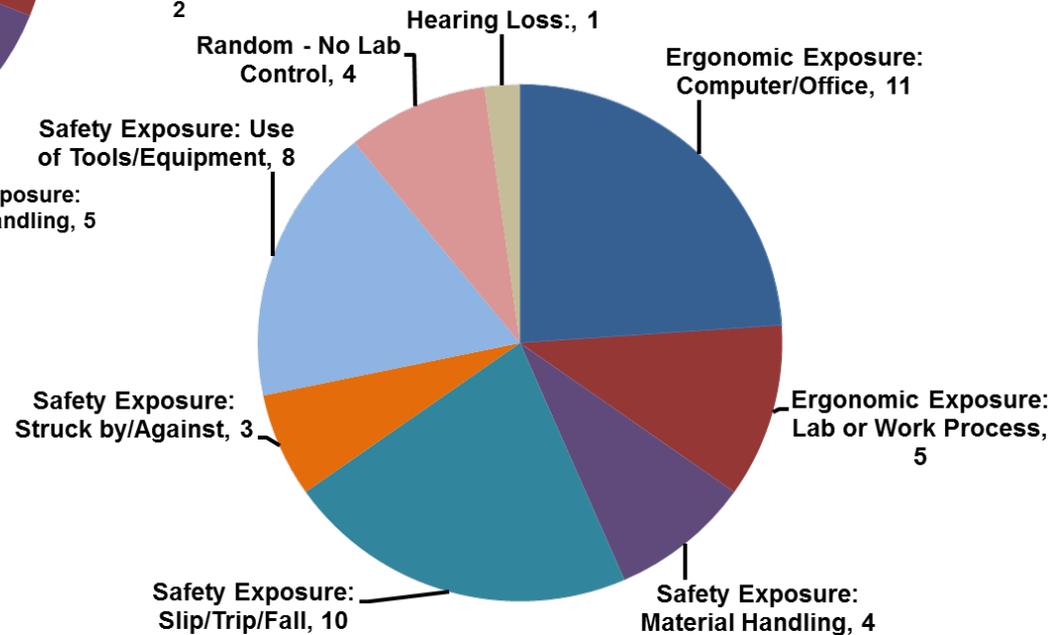


Recordable Injury Categories and Causes

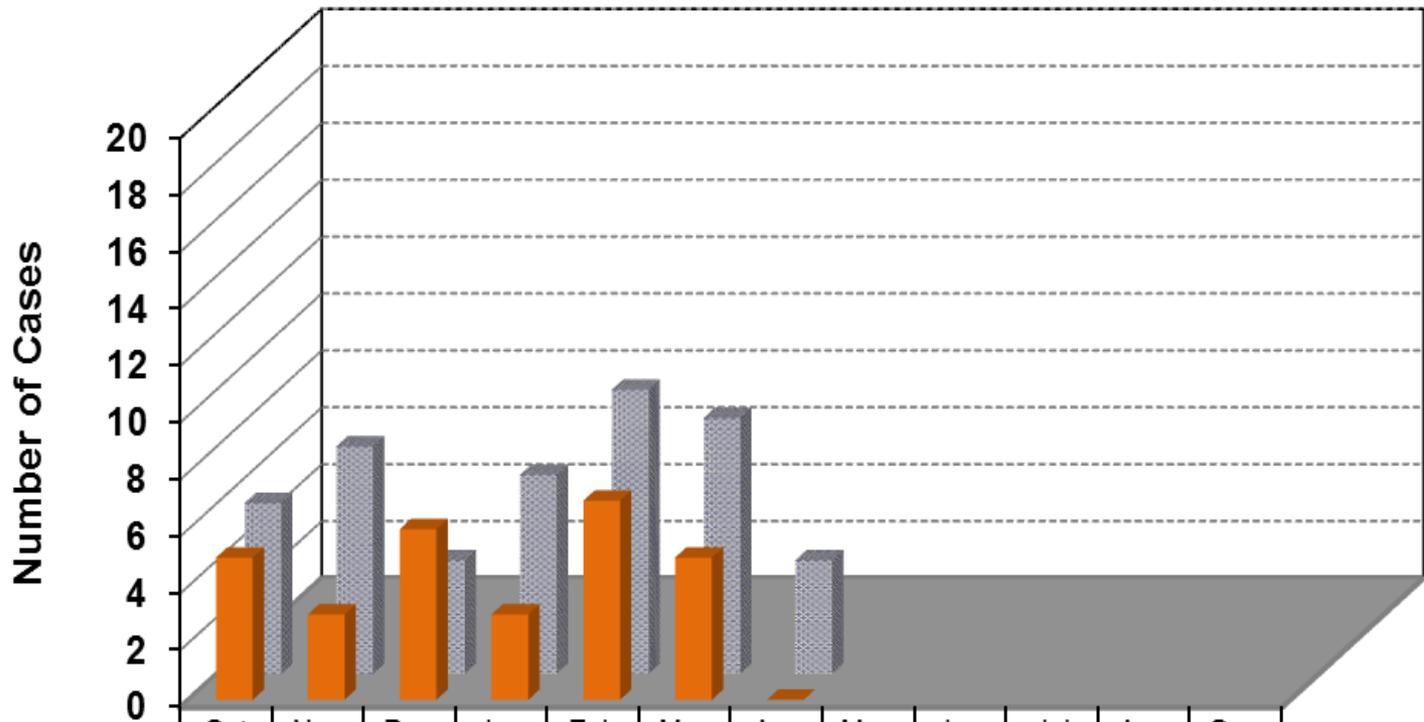
FY 2014 through April 30, 2014



FY 2013

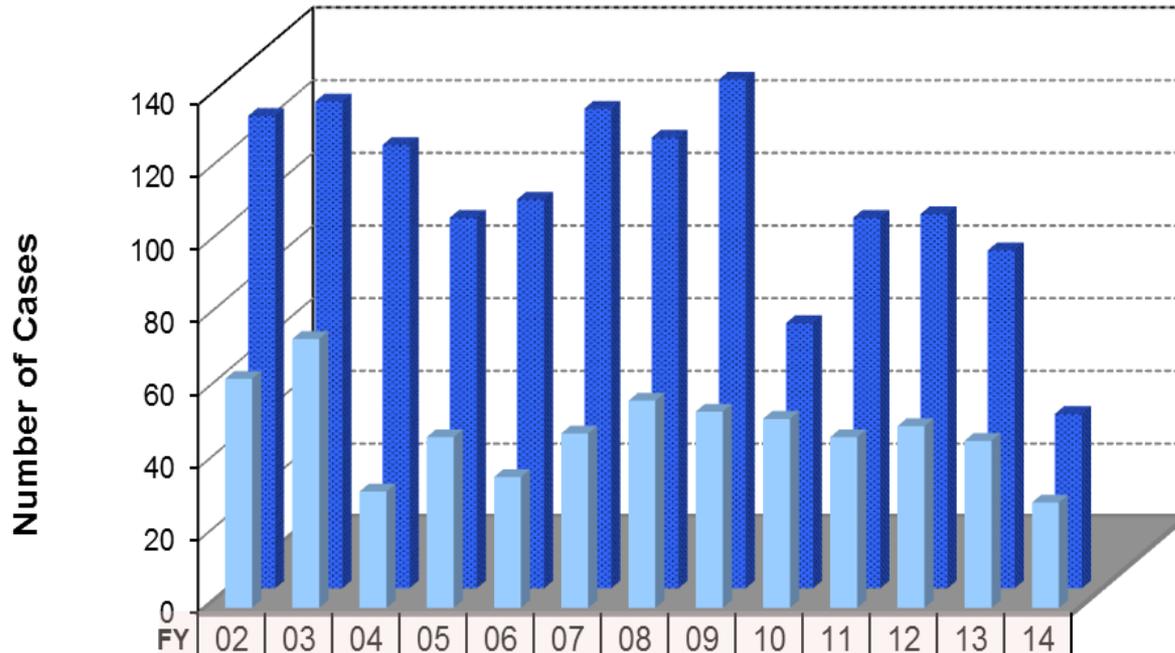


FY2014 First Aid to Recordable Comparison by Month through April 30, 2014



| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ■ REC | 5 | 3 | 6 | 3 | 7 | 5 | 0 | | | | | |
| ■ FA | 6 | 8 | 4 | 7 | 10 | 9 | 4 | | | | | |
| FA to REC Ratio | 1.2 | 2.7 | 0.7 | 2.3 | 1.4 | 1.8 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| % of Total as FA | 55 | 73 | 40 | 70 | 59 | 64 | 100 | 0 | 0 | 0 | 0 | 0 |
| % of Total as REC | 45 | 27 | 60 | 30 | 41 | 36 | 0 | 0 | 0 | 0 | 0 | 0 |

FY02 to FY2014 First Aid to Recordable Comparison by Year through April 30, 2014



| | | | | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ■ REC | 63 | 74 | 32 | 47 | 36 | 48 | 57 | 54 | 52 | 47 | 50 | 46 | 29 |
| ■ FA | 130 | 134 | 122 | 102 | 107 | 132 | 124 | 140 | 73 | 102 | 103 | 93 | 48 |
| FA to REC Ratio | 2.1 | 1.8 | 3.8 | 2.2 | 3.0 | 2.8 | 2.2 | 2.6 | 1.4 | 2.2 | 2.0 | 2.0 | 1.6 |
| % of Total as FA | 67 | 64 | 79 | 68 | 75 | 73 | 69 | 72 | 58 | 68 | 67 | 67 | 62 |
| % of Total as REC | 33 | 36 | 21 | 32 | 25 | 27 | 31 | 28 | 42 | 32 | 33 | 33 | 38 |

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 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Genomics | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Life Sciences | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Physical Biosciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Computing Sciences | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Scientific Networking | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Energy Sciences | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Advanced Light Source | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Chemical Sciences | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Earth Sciences | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Materials Sciences | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Physical Sciences | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| AFRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 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 | 1 | 0 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| LBNL Operations | | | | | | | | | | | | | |
| CFO | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Directorate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHS | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Facilities | 0 | 1 | 2 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Human Resources | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Information Technology | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 2 | 5 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| LBNL Total | 5 | 3 | 5 | 3 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| LBNL Construction | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| LBNL Service Subcontractors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Grand Total | 5 | 3 | 6 | 3 | 7 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| <i>Prior Year (FY13) Site Grand Total</i> | 5 | 2 | 4 | 1 | 3 | 4 | 3 | 5 | 6 | 2 | 3 | 8 | 46 |
| <i>Prior Year (FY12) Site Grand Total</i> | 6 | 5 | 2 | 3 | 5 | 8 | 2 | 3 | 4 | 5 | 4 | 3 | 50 |
| <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 04/30/14

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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Genomics | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 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 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 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 | 1 | 0 | 1 | 1 | 0 | 5 |
| LBNL Operations | | | | | | | | | | | | | |
| CFO | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Directorate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHS | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Facilities | 0 | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Human Resources | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Information Technology | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 1 | 4 | 1 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| LBNL Total | 3 | 2 | 4 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 |
| Site Grand Total | 3 | 2 | 4 | 2 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| <i>Prior Year (FY13) Site Grand Total</i> | 2 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 3 | 1 | 1 | 3 | 15 |
| <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 | 3 | 4 | 5 | 0 | 3 | 24 |
| <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 04/30/14

Notes: Projections assume that hours worked will remain constant



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