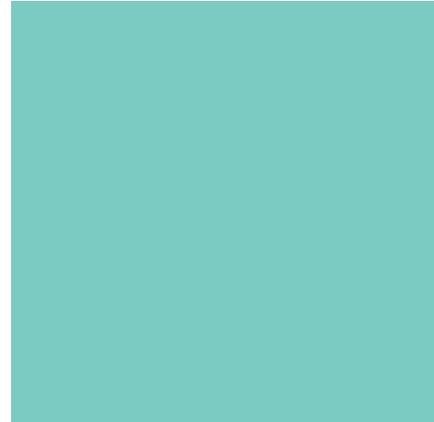




# Berkeley Lab Accident Statistics Through

## October 31, 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](mailto:rwfisher@lbl.gov)**

# Injury/Illness Cases – October 2014

## Ergonomic Related Injury

- **Bilateral wrist strain**
  - An Administrative Assistant III reported wrist discomfort associated with computer workstation use.
- **Bilateral hand and wrist pain**
  - A Graphics Designer reported a sudden onset of bilateral hand and wrist pain associated with computer workstation use.
- **Bilateral finger discomfort**
  - A UC Graduate Student Research Assistant reported finger discomfort associated with computer workstation use.

# Injury/Illness Cases – October 2014

## Ergonomic Related Injury

- **Shoulder and neck pain**
  - A Senior Subcontracts Administrator reported shoulder and neck pain associated with computer workstation use.
- **Low back pain**
  - A Facilities Project Coordinator reported lower back pain associated with project file archiving activities.
- **Left wrist pain**
  - A Technician reported wrist pain associated with repetitive equipment cleaning processes.

# Injury/Illness Cases – October 2014

## Laceration/Abrasion/Puncture

- **Laceration at base of thumb**
  - A 40 ml glass cell homogenizer tube broke during use in the Guest Student Assistant's hand causing a laceration at the base of the thumb.
- **Laceration of finger**
  - While attempting to place a vacuum gauge inside glass tubing, the glass shattered causing laceration of a Guest Postdoctoral Fellow's finger.
- **Laceration of thumb**
  - While washing a 150 ml glass beaker the rim of the beaker fractured and caused laceration of the Research Assistant's thumb.

# Injury/Illness Cases – October 2014

## Laceration/Abrasion/Puncture

- **Abrasion on head**
  - A Custodian struck forehead on a shelf while working in a restroom.
- **Scalp laceration**
  - A Scientific Engineering Associate struck head against the edge of a parking lot sign while picking up a paper that had been dropped on the pavement.
- **Puncture wound on thumb**
  - A Senior Scientific Engineering Associate punctured thumb on sharp point of pair of dividers while reaching for a tool on work surface.

# Injury/Illness Cases – October 2014

## Trauma

- **Wasp stings**
  - A Senior Business manager was stung several times by wasps while walking along McMillan Road.
- **Foot pain**
  - A custodian reported to Health Services with foot pain that originated while walking between two buildings.
- **Contusion on top of head**
  - A Plant Maintenance Technical Specialist struck top of head on a beam while stepping up a ladder at Building 33 cooling tower.

# Injury/Illness Cases – October 2014

## Trauma

- **Minor contusion to finger**
  - An electrician pinched a finger between ladder legs while folding the step ladder.

## Chemical Related

- **Chemical Irritation**
  - A Material Handler was opening a package that had been damaged in shipment and was apparently leaking. The employee sensed the odor and later experience some eye irritation.

# Injury/Illness Cases – October 2014

## Slip/Trip/Fall

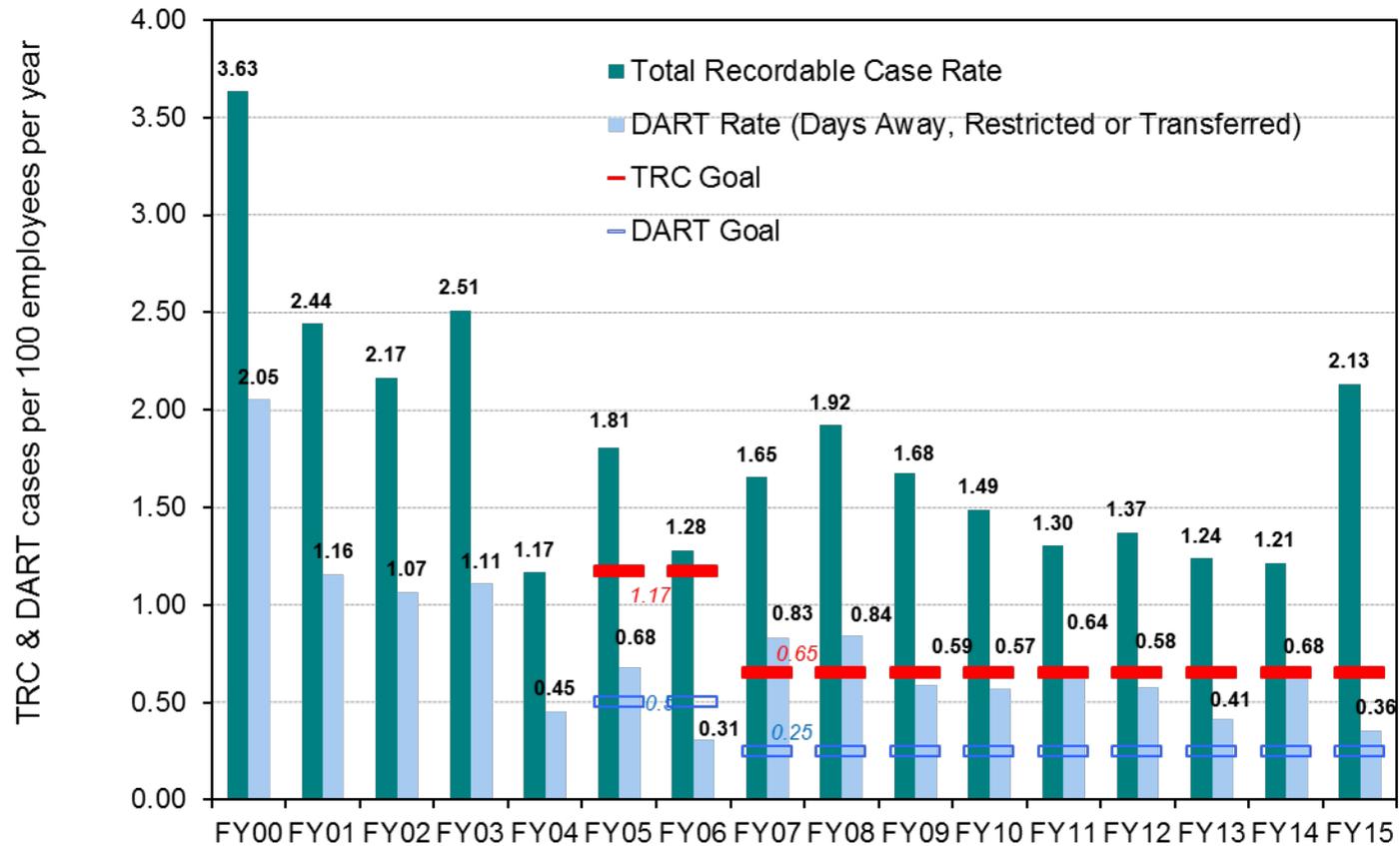
- **Ankle sprain**
  - A Chemist Postdoctoral Fellow rolled an ankle while walking in Building 7.
- **Laceration on head**
  - A Guest Senior Scientist fell while walking along hallway inside Building 50B.
- **Ankle Sprain**
  - A Program Manager 4 rolled an ankle off side of curved walkway while walking to office after arriving at work.

# Injury/Illness Cases – October 2014

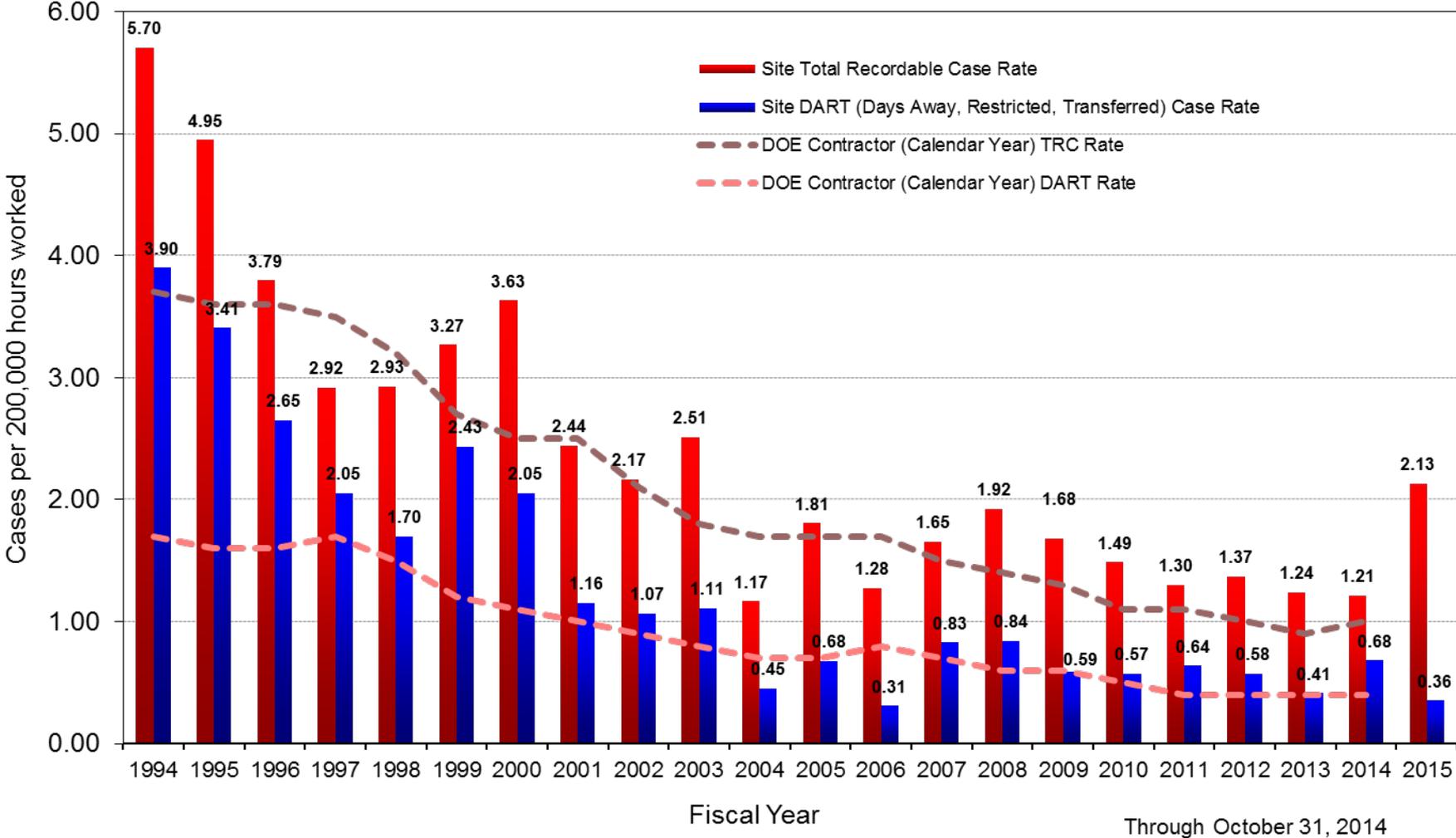
## Material Handling

- **Shoulder and neck pain**
  - An electrician reported shoulder and neck pain after handling an electrical panel cover.

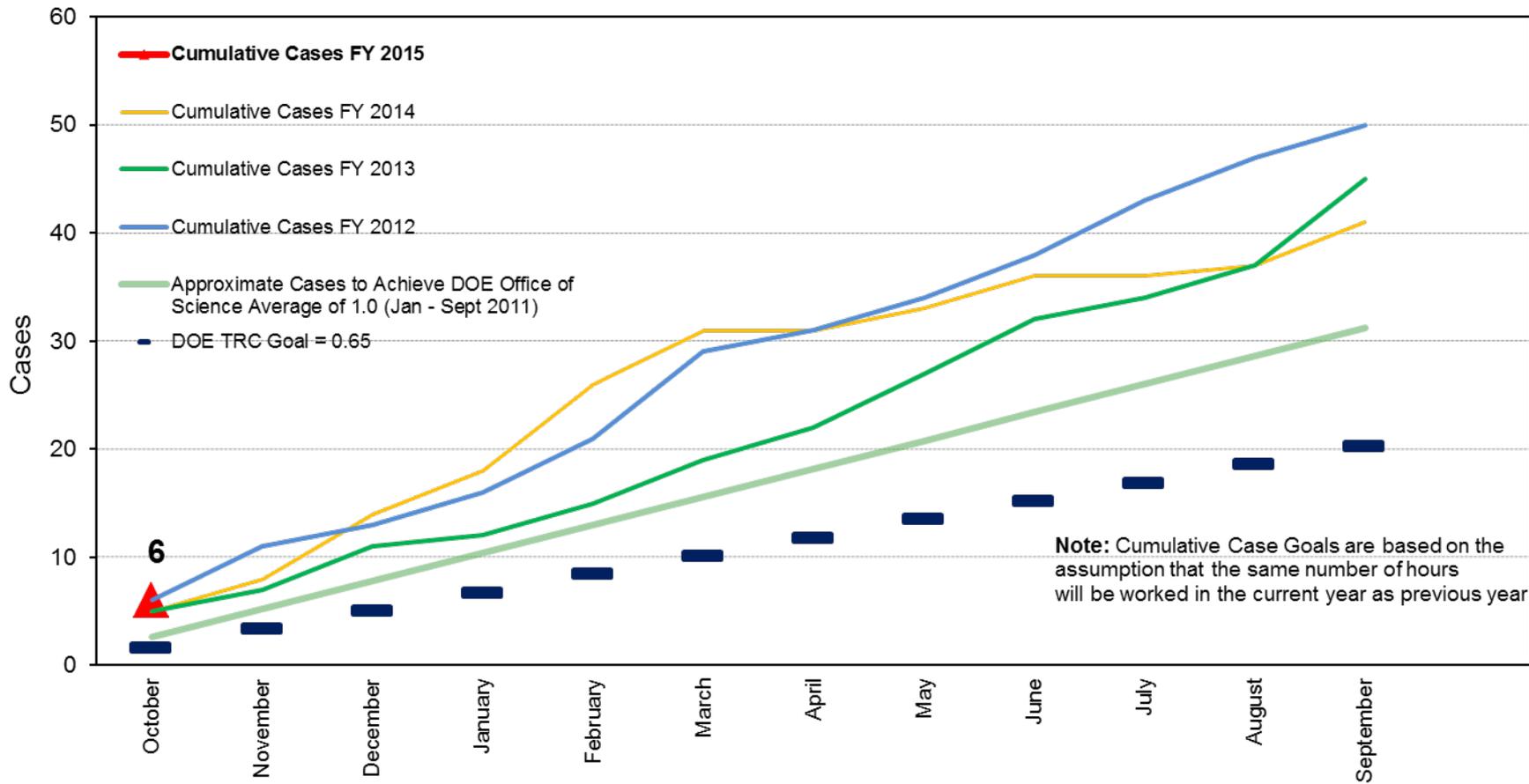
## Berkeley Lab Site-Wide TRC & DART Rates (Includes all Construction and Service Contractors) Through October 31, 2014



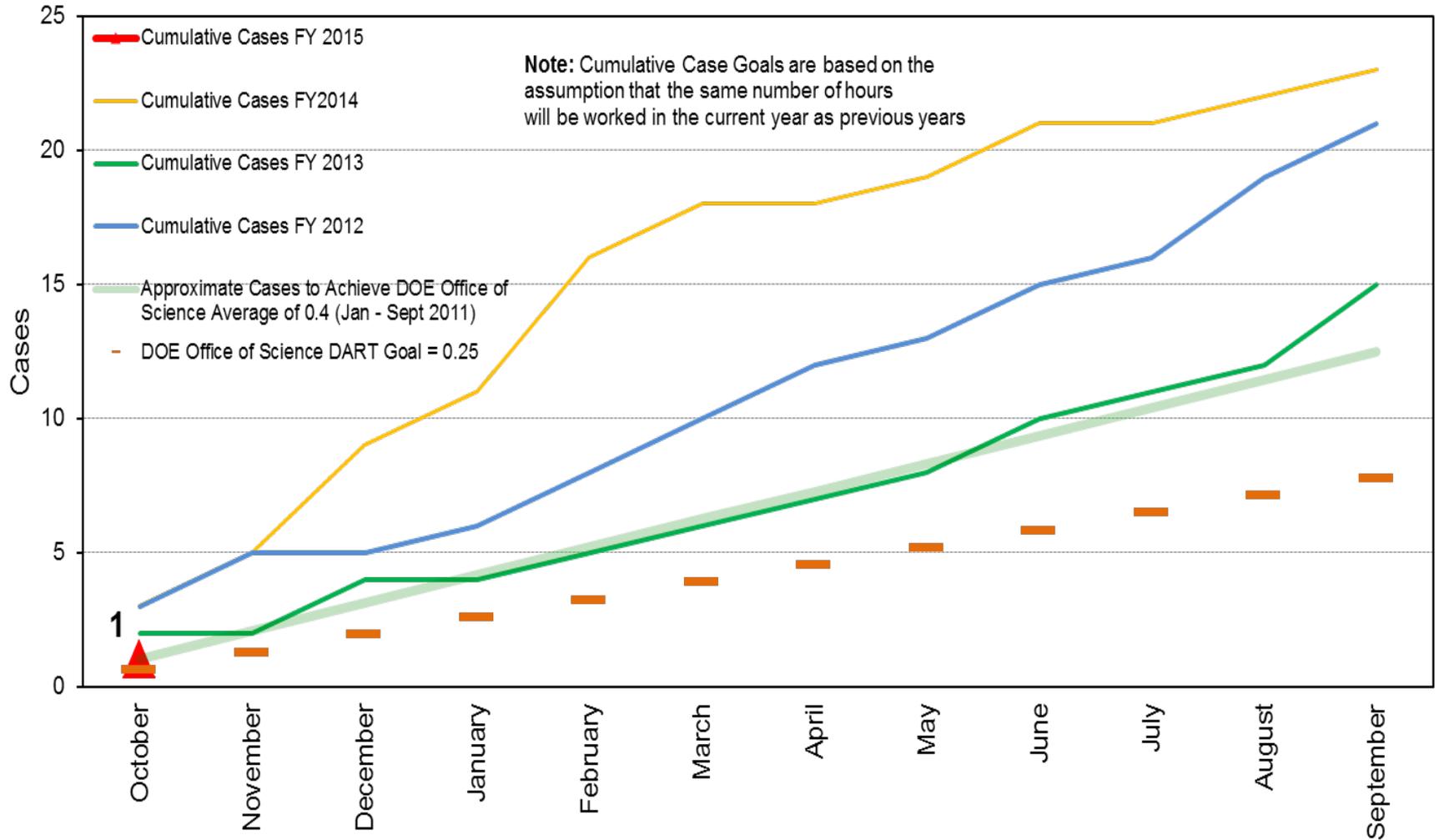
# Berkeley Lab Site Accident Rates



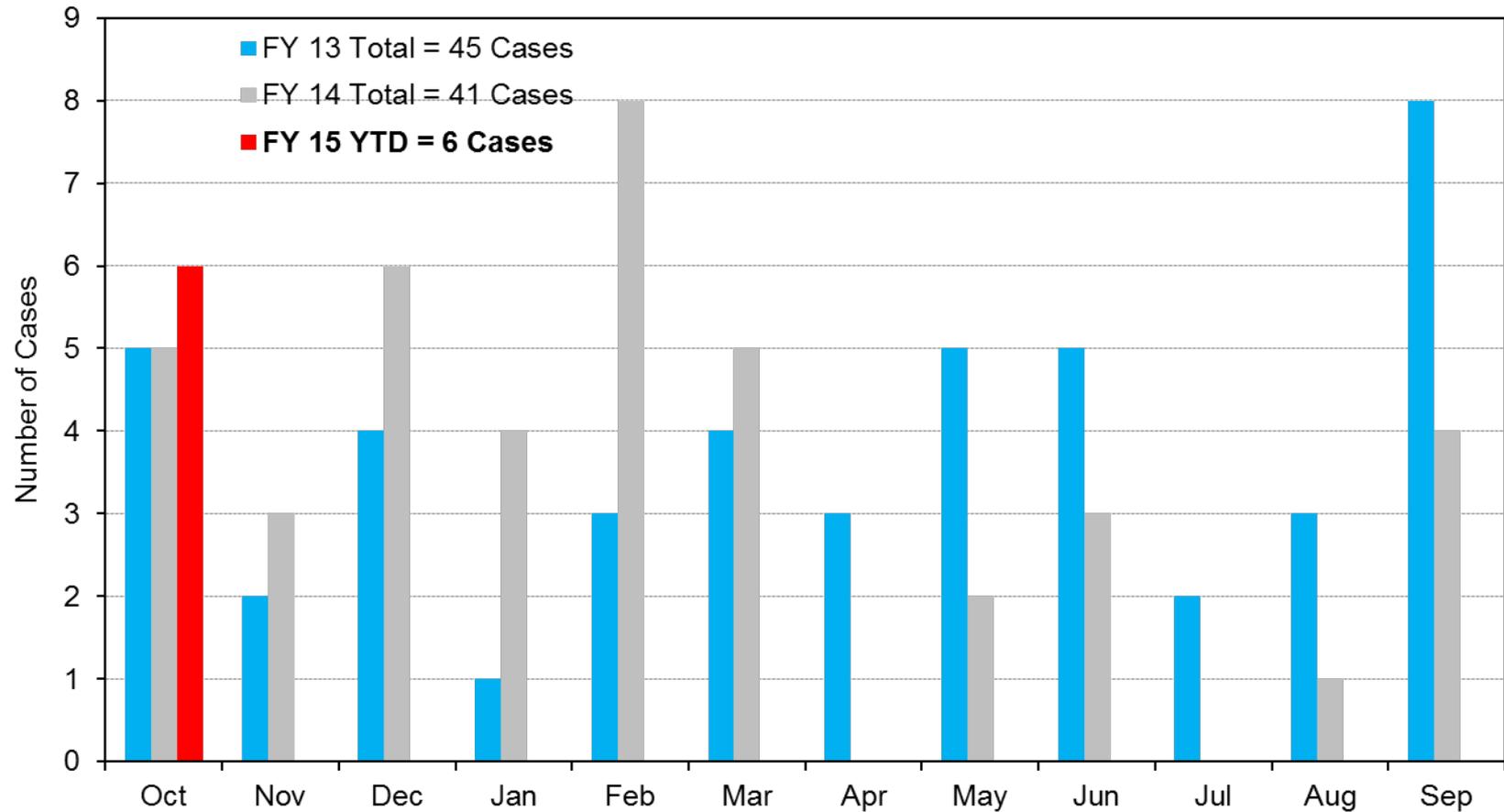
## Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



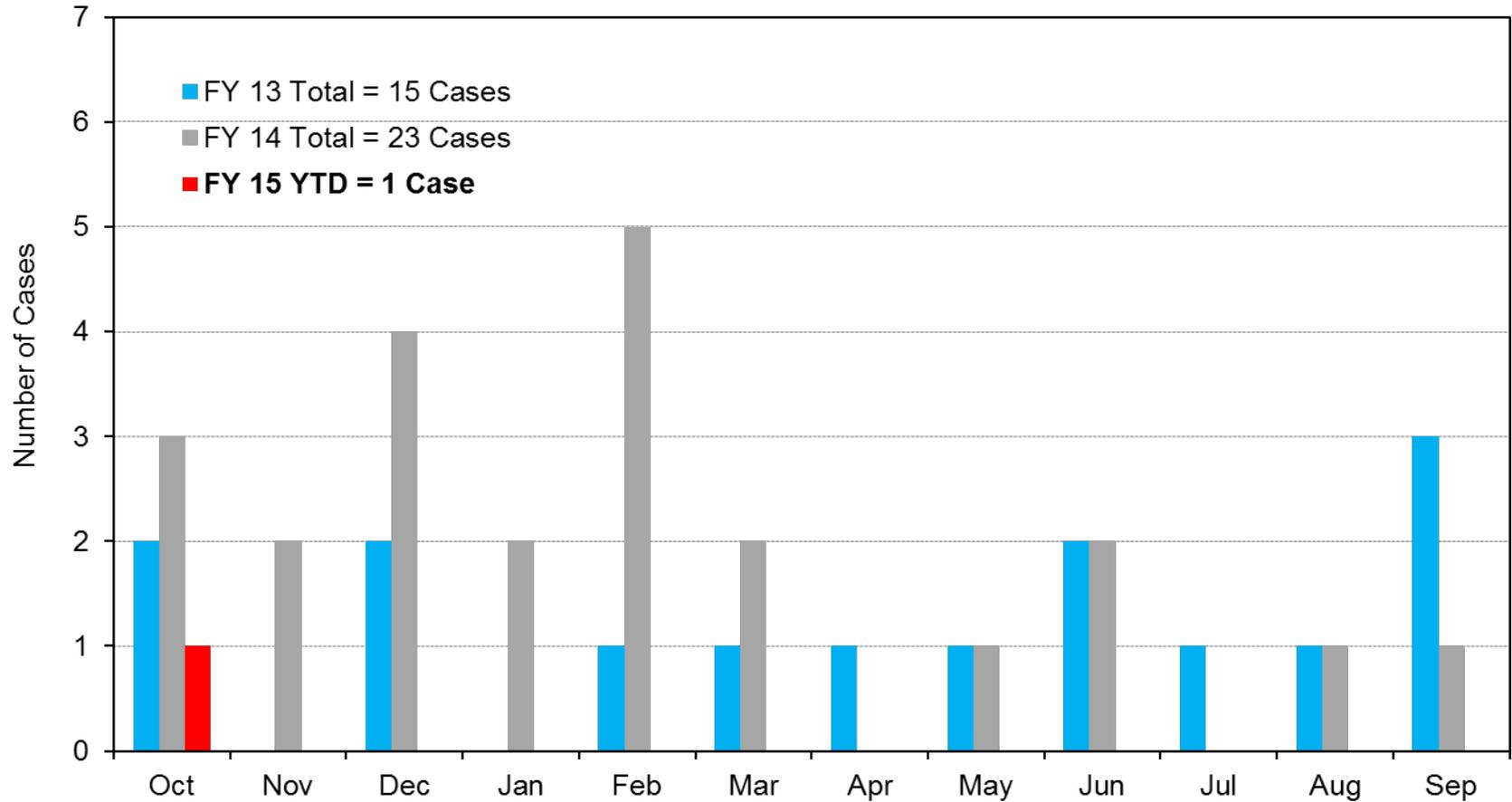
## Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year



## LBNL Recordable Cases FY13 through October 31, 2014 (FY15)

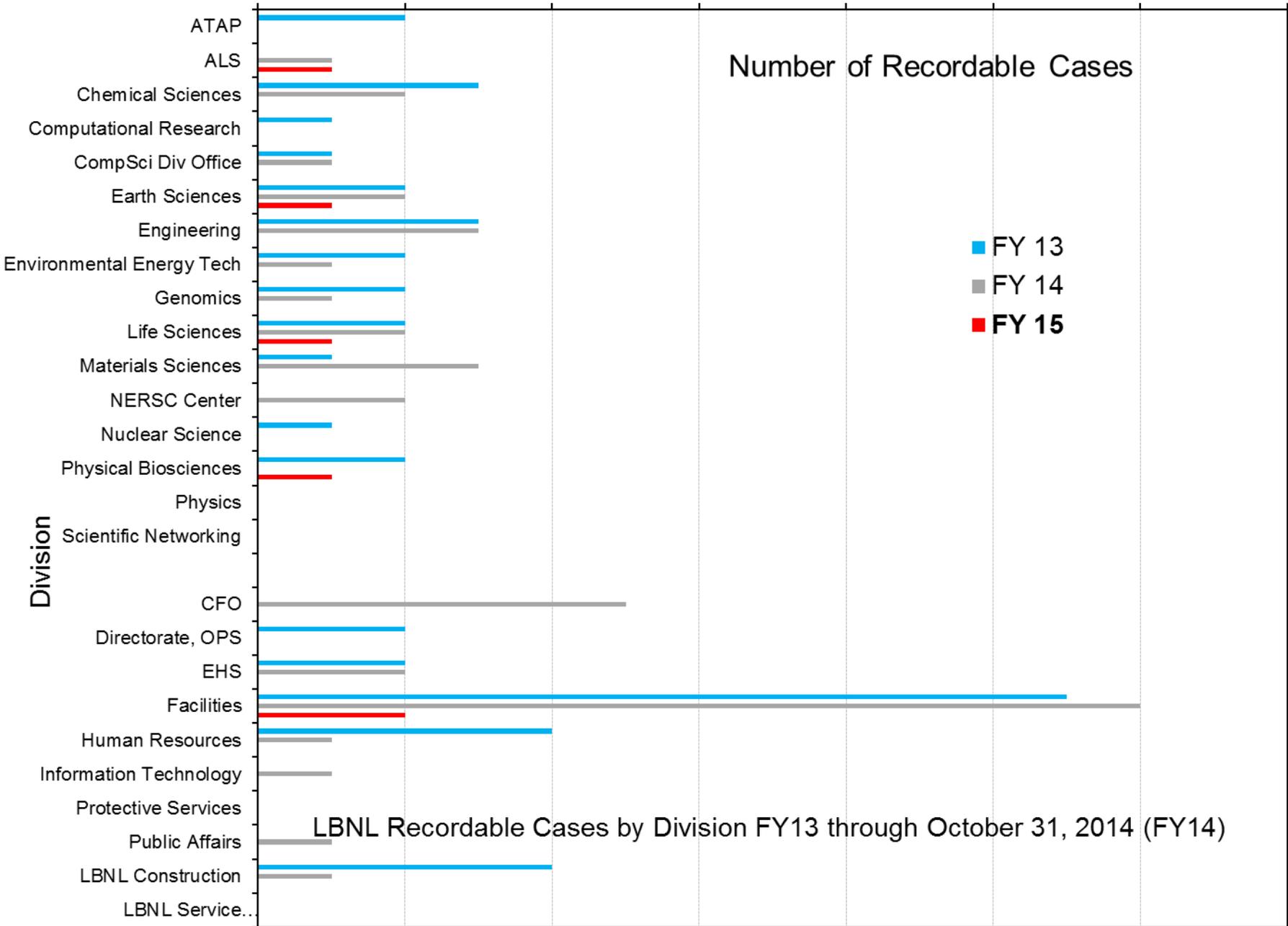


## LBNL DART Cases FY13 through October 31, 2014 (FY15)

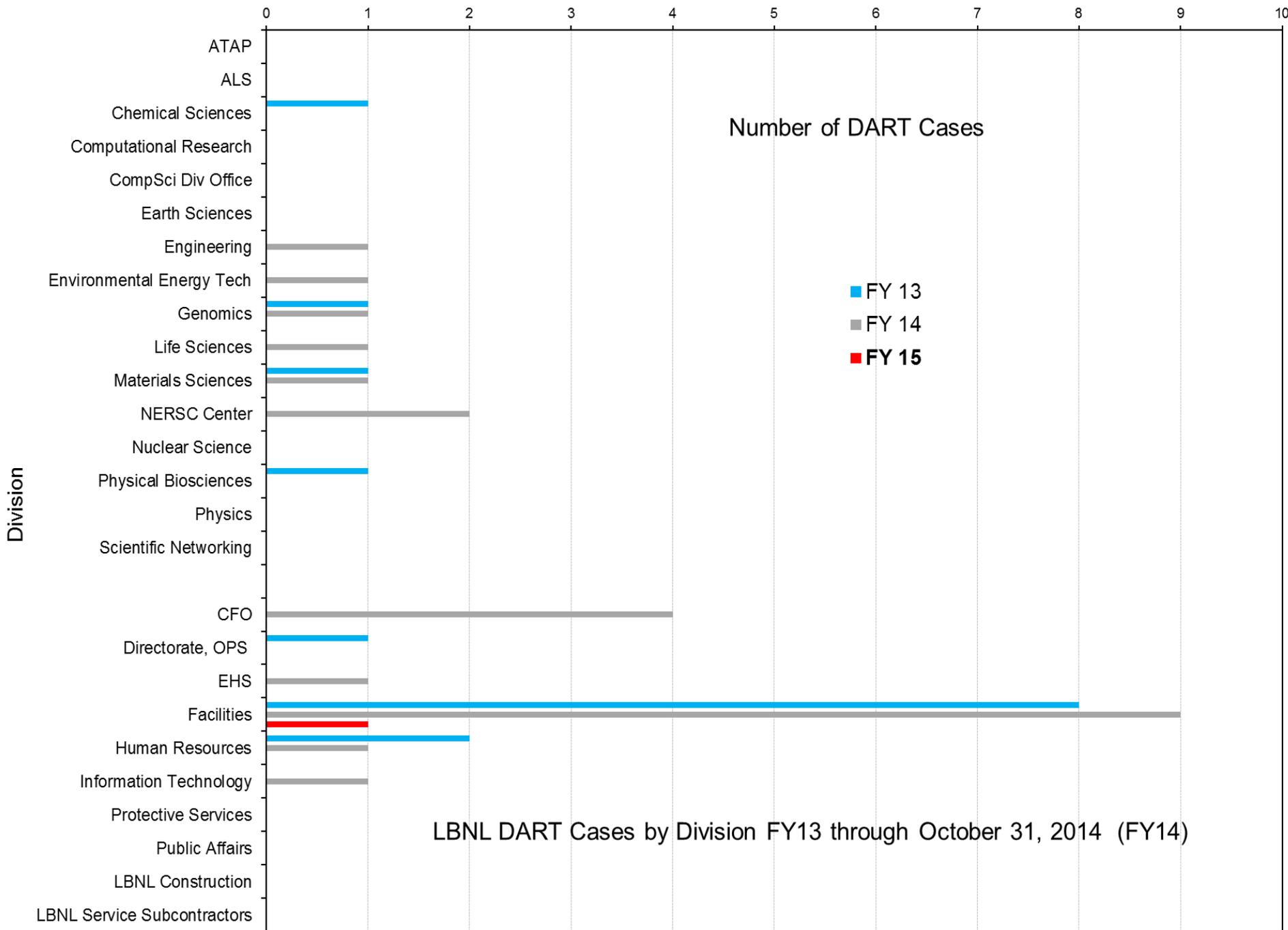


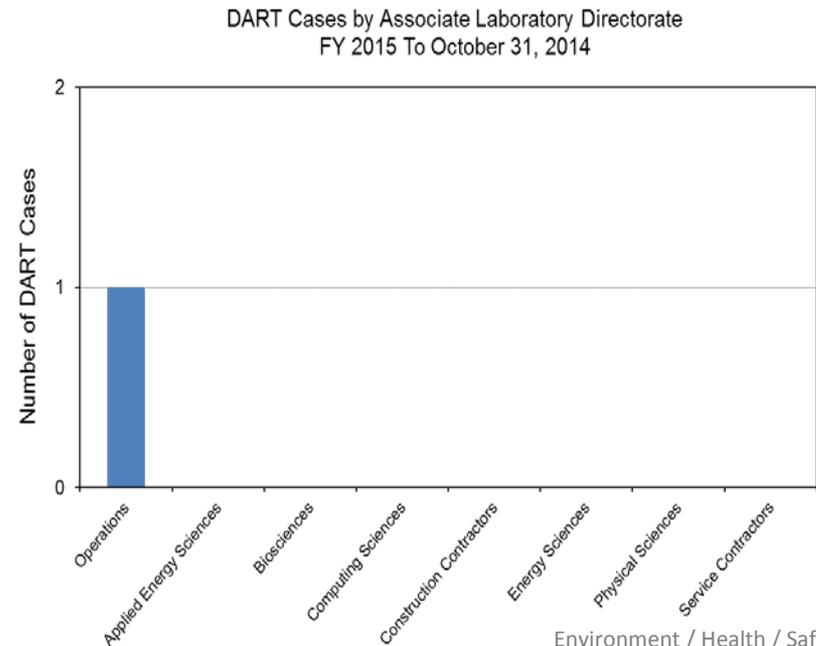
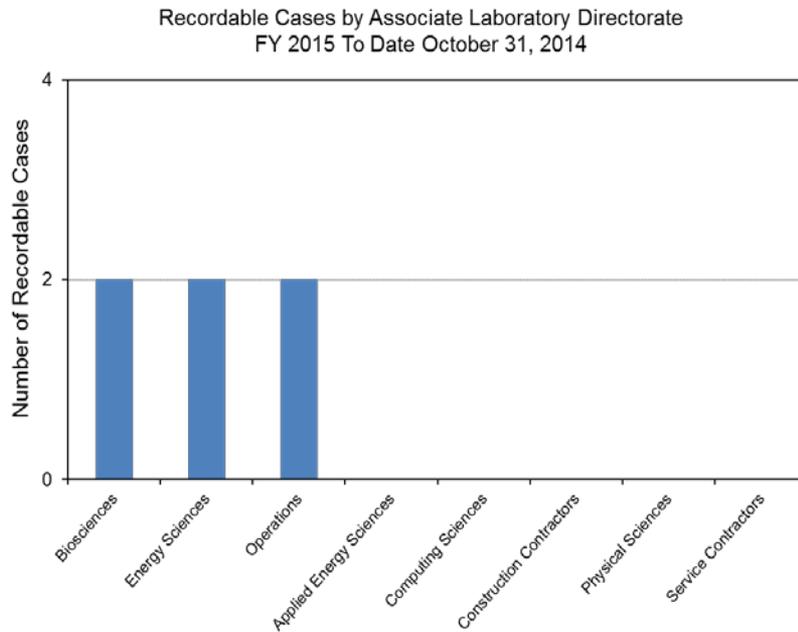
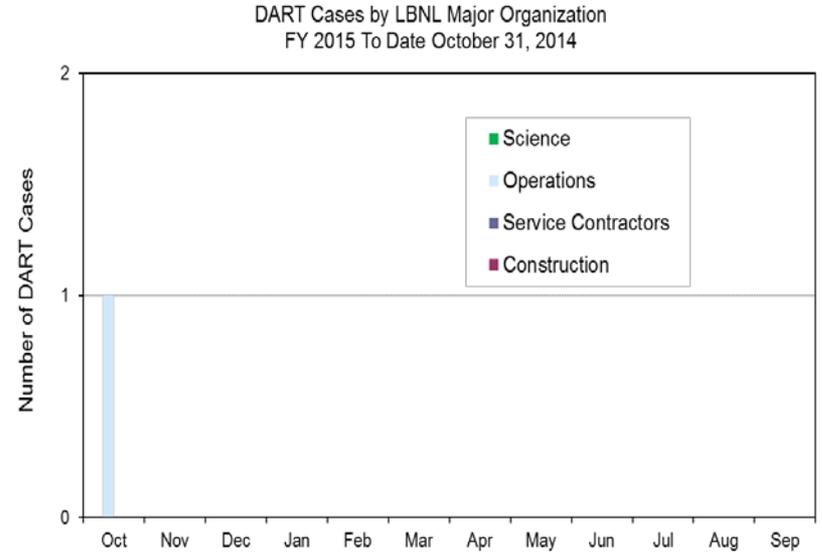
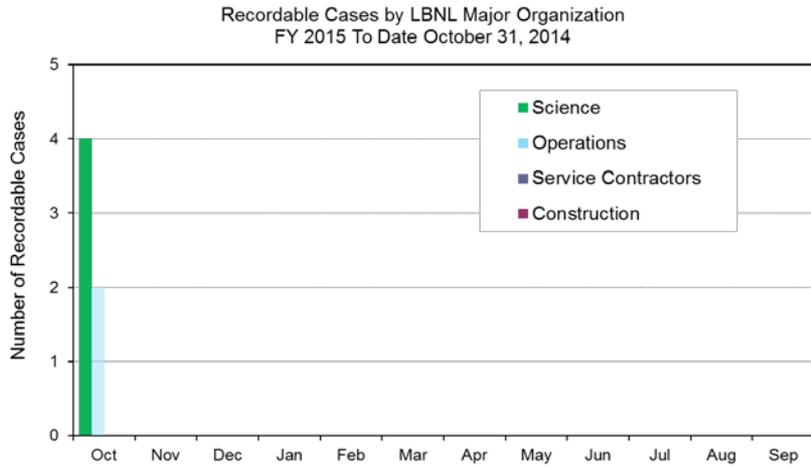
0 2 4 6 8 10 12 14

# Number of Recordable Cases

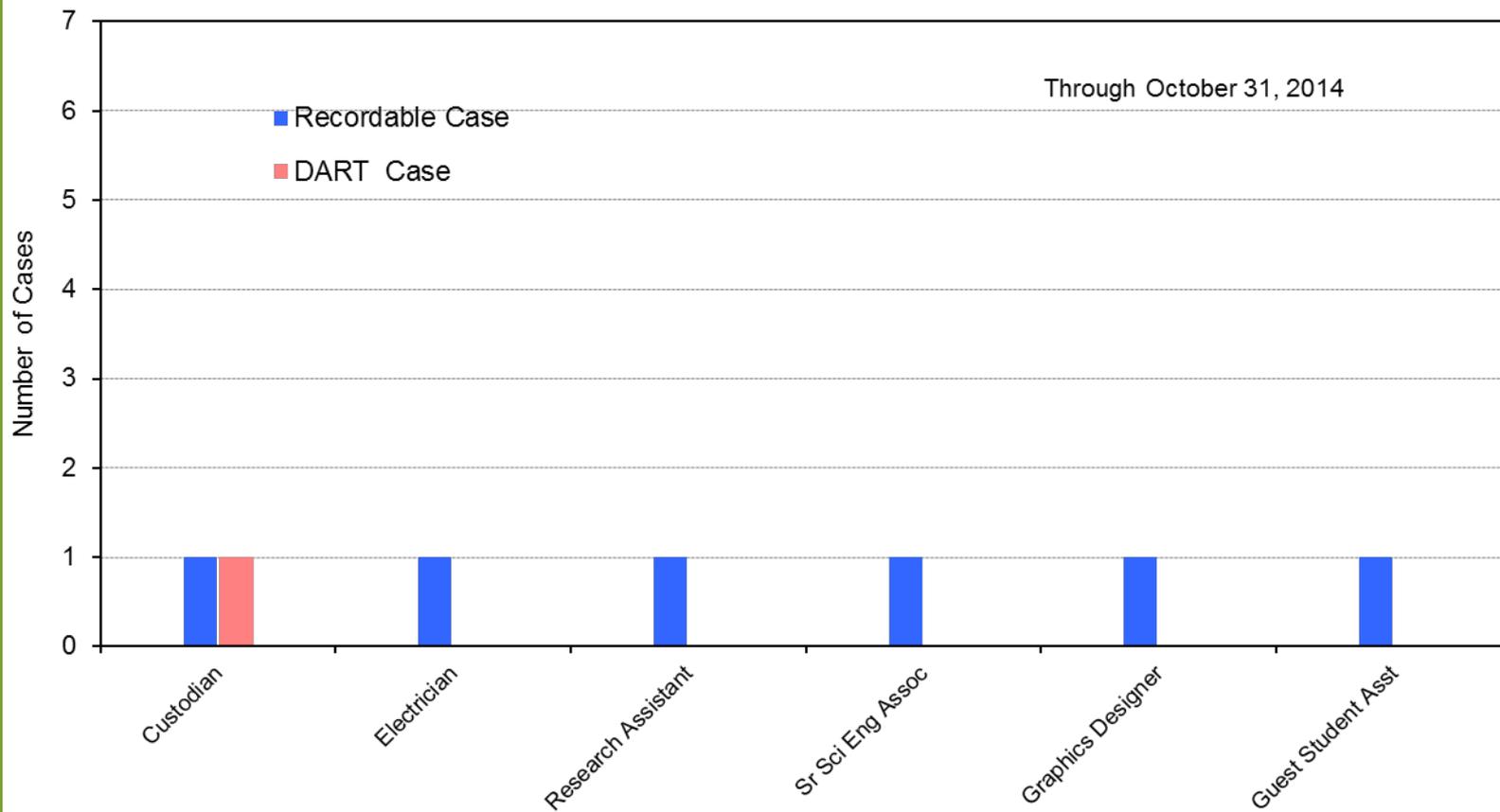


LBNL Recordable Cases by Division FY13 through October 31, 2014 (FY14)



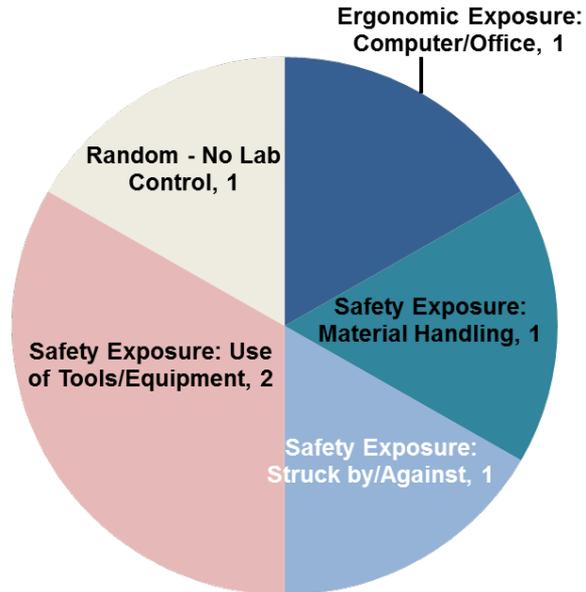


## Recordable and DART Cases by Job Classification

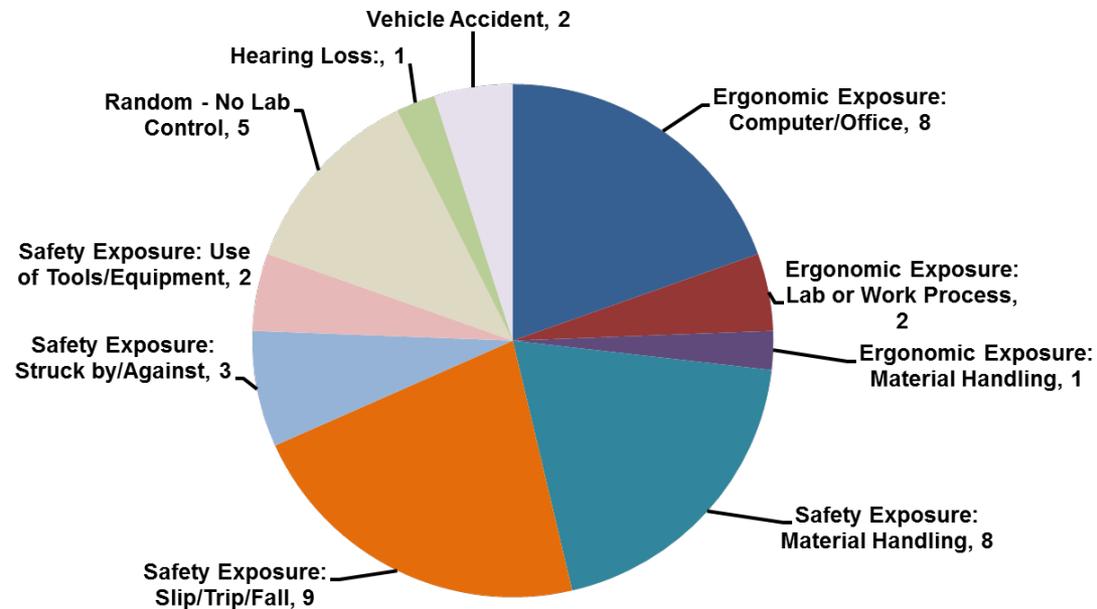


# Recordable Injury Categories and Causes

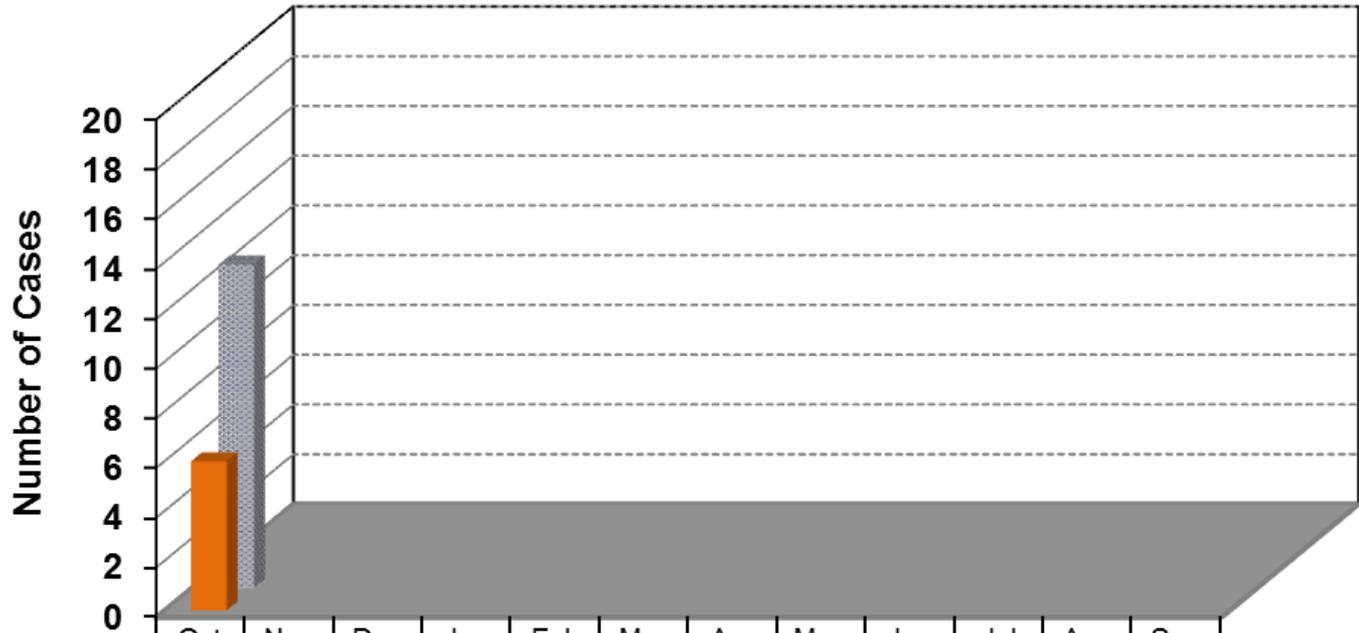
FY 2015 through October 31, 2014



FY 2014

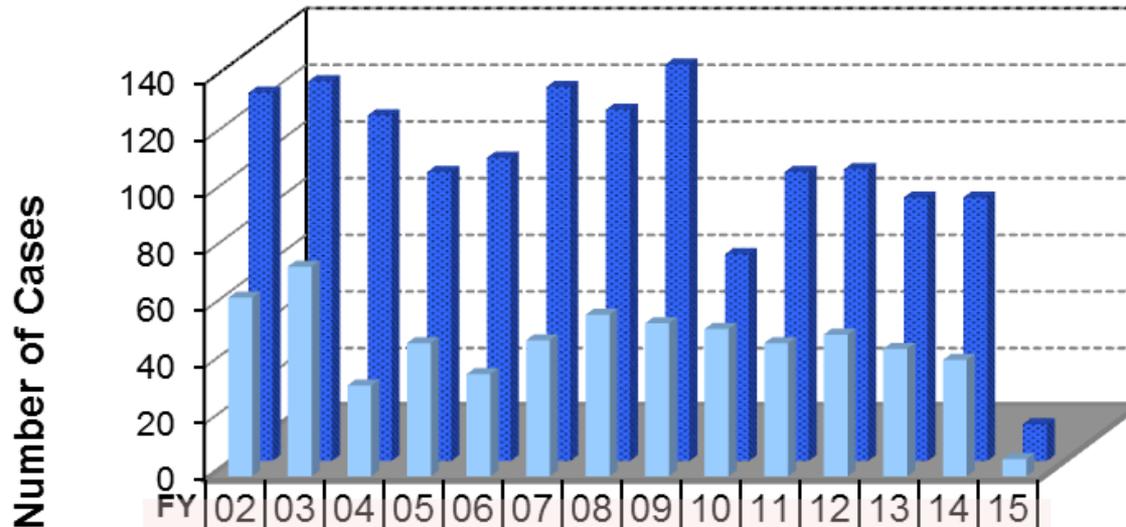


## FY2015 First Aid to Recordable Comparison by Month through October 31, 2014



|                   | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ■ REC             | 6   |     |     |     |     |     |     |     |     |     |     |     |
| ■ FA              | 13  |     |     |     |     |     |     |     |     |     |     |     |
| FA to REC Ratio   | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| % of Total as FA  | 68  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| % of Total as REC | 32  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |

## FY02 to FY2015 First Aid to Recordable Comparison by Year through October 31, 2014



|                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| REC               | 63  | 74  | 32  | 47  | 36  | 48  | 57  | 54  | 52  | 47  | 50  | 45  | 41  | 6   |
| FA                | 130 | 134 | 122 | 102 | 107 | 132 | 124 | 140 | 73  | 102 | 103 | 93  | 93  | 13  |
| 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 | 2.2 | 2.1 |
| % of Total as FA  | 67  | 64  | 79  | 68  | 75  | 73  | 69  | 72  | 58  | 68  | 67  | 67  | 69  | 68  |
| % of Total as REC | 33  | 36  | 21  | 32  | 25  | 27  | 31  | 28  | 42  | 32  | 33  | 33  | 31  | 32  |

# LBNL Total Recordable Cases October 1, 2014 - September 30, 2015 (FY15)

|   | Oct-14   | Nov-14   | Dec-14   | Jan-15   | Feb-15   | Mar-15   | Apr-15   | May-15   | Jun-15   | Jul-15   | Aug-15   | Sep-15   | Total YTD |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| <b>LBNL Research</b>                      |          |          |          |          |          |          |          |          |          |          |          |          |           |
| <b>Applied Energy Sciences</b>            | 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         |
| <b>Biosciences</b>                        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         |
| Genomics                                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| Life Sciences                             | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
| Physical Biosciences                      | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
| <b>Computing Sciences</b>                 | 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         |
| Computational Research                    | 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         |
| <b>Energy Sciences</b>                    | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 2         |
| Advanced Light Source                     | 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         |
| Materials Sciences                        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <b>Physical Sciences</b>                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| ATAP                                      | 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         |
| <b>LBNL Research Sub-Total</b>            | <b>4</b> | <b>0</b> | <b>4</b>  |
| <b>LBNL Operations</b>                    |          |          |          |          |          |          |          |          |          |          |          |          |           |
| 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         |
| EHS                                       | 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         |
| 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         |
| <b>LBNL Operations Sub-Total</b>          | <b>2</b> | <b>0</b> | <b>2</b>  |
| <b>LBNL Total</b>                         | <b>6</b> | <b>0</b> | <b>6</b>  |
| <b>LBNL Construction</b>                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <b>LBNL Service Subcontractors</b>        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <b>Site Grand Total</b>                   | <b>6</b> | <b>0</b> | <b>6</b>  |
| <i>Prior Year (FY14) Site Grand Total</i> | 5        | 3        | 6        | 4        | 8        | 5        | 0        | 2        | 3        | 0        | 1        | 4        | 41        |
| <i>Prior Year (FY13) Site Grand Total</i> | 5        | 2        | 4        | 1        | 3        | 4        | 3        | 5        | 5        | 2        | 3        | 8        | 45        |
| <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 10/31/14

Notes: Projections assume that hours worked will remain constant

# LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2014 - September 30, 2015 (FY15)

|   | Oct-14   | Nov-14   | Dec-14   | Jan-15   | Feb-15   | Mar-15   | Apr-15   | May-15   | Jun-15   | Jul-15   | Aug-15   | Sep-15   | Total YTD |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| <b>LBNL Research</b>                      |          |          |          |          |          |          |          |          |          |          |          |          |           |
| <b>Applied Energy Sciences</b>            | 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         |
| <b>Biosciences</b>                        | 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         |
| <b>Computing Sciences</b>                 | 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         |
| Computational Research                    | 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         |
| <b>Energy Sciences</b>                    | 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         |
| <b>Physical Sciences</b>                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| ATAP                                      | 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         |
| <b>LBNL Research Sub-Total</b>            | <b>0</b>  |
| <b>LBNL Operations</b>                    |          |          |          |          |          |          |          |          |          |          |          |          |           |
| 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         |
| EHS                                       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| Facilities                                | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 1         |
| 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         |
| 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         |
| <b>LBNL Operations Sub-Total</b>          | <b>1</b> | <b>0</b> | <b>1</b>  |
| <b>LBNL Total</b>                         | <b>1</b> | <b>0</b> | <b>1</b>  |
| <b>LBNL Construction</b>                  | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <b>LBNL Service Subcontractors</b>        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         |
| <b>Site Grand Total</b>                   | <b>1</b> | <b>0</b> | <b>1</b>  |
| <i>Prior Year (FY14) Site Grand Total</i> | 3        | 2        | 4        | 2        | 5        | 2        | 0        | 1        | 2        | 0        | 1        | 1        | 23        |
| <i>Prior Year (FY12) Site Grand Total</i> | 2        | 0        | 2        | 0        | 1        | 1        | 1        | 1        | 2        | 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 10/31/14

Notes: Projections assume that hours worked will remain constant



U.S. DEPARTMENT OF  
**ENERGY**



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UNIVERSITY OF CALIFORNIA

