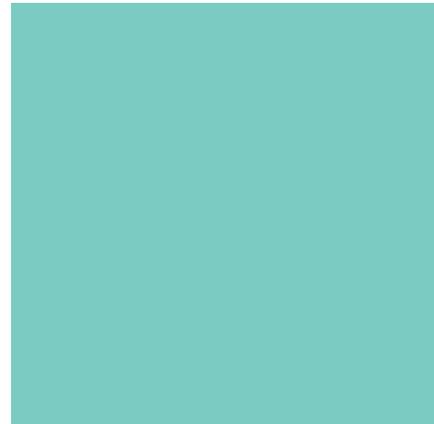




Berkeley Lab Accident Statistics Through

February 28, 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 – February 2014

Ergonomic Related Injuries

- **Strain of upper extremities**
 - The Geological Research Scientist reported discomfort in the right arm likely associated with intense keyboard and mouse/track pad use while on travel and while at computer workstation here at the Lab.
- **Bilateral strain of upper extremities and of neck**
 - The Construction Projects Coordinator reported flare up of episodic pain in the upper extremities (bilateral), trunk, and neck associated with work at computer workstation.

Injury/Illness Cases – February 2014

Ergonomic Related Injuries

- **Finger and hand discomfort**

- The Senior Human Resources Division Partner reported discomfort in the index finger and hand associated with computer workstation use.

- **Thumb discomfort**

- The Administrative Assistant reported intermittent discomfort in the right thumb over the previous month associated with use of computer keyboard and mouse.

Injury/Illness Cases – February 2014

Lacerations / Cuts / Abrasions

- **Minor cut to finger**
 - The HVAC Mechanic caught the middle finger on a sharp metal edge while working on an air conditioning system.

- **Minor laceration to finger**
 - The Chemist Postdoctoral Fellow's middle finger was caught between two vacuum chamber sections during disassembly of the unit causing a minor laceration of the middle finger.

Injury/Illness Cases – February 2014

Lacerations / Cuts / Abrasions

- **Minor avulsion to forearm**
 - The EHS Contract Guest Management Team member's forearm struck against a mounted pencil sharpener from which the cover had been removed causing a small avulsion.

- **Minor cut to finger**
 - While disconnecting a gas line fitting from a gas cylinder the Principal Scientific Engineering Associate sustained a minor cut to the finger when the wrench slipped off of the compressed gas fitting nut.

Injury/Illness Cases – February 2014

Slip Trip Fall

- **Contusion on knee**
 - The Chemist Postdoctoral Fellow slipped on an exterior balcony in Latimer Hall on the UCB campus. The balcony was wet due to rain.
-

Material Handling

- **Shoulder pain**
 - The Custodian reports that recent pain developing in the shoulder is associated with some of the work tasks that involve lifting and arm movements over the head.

Injury/Illness Cases – February 2014

Chemical Use Related

- **Chemical contact with eye**

- The Principal Research Associate spilled a small volume of 70% aqueous acetonitrile into the left eye while attempting to affix a rinseate tube to a shelf ledge above eye level. The employee was wearing safety glasses with side shields, but the liquid flowed down the brow behind the back edge of the safety glasses and contacted the eye. The employee flushed the eye with water and then reported to Health Services.

Contact With Electricity

- **Static electricity discharge to thumb**

- The Plumber / Fitter reported a minor shock on the right thumb while touching an electric welder head. Subsequent investigation determined the shock to be the result of static electricity build up on the device.

Injury/Illness Cases – February 2014

Other Trauma

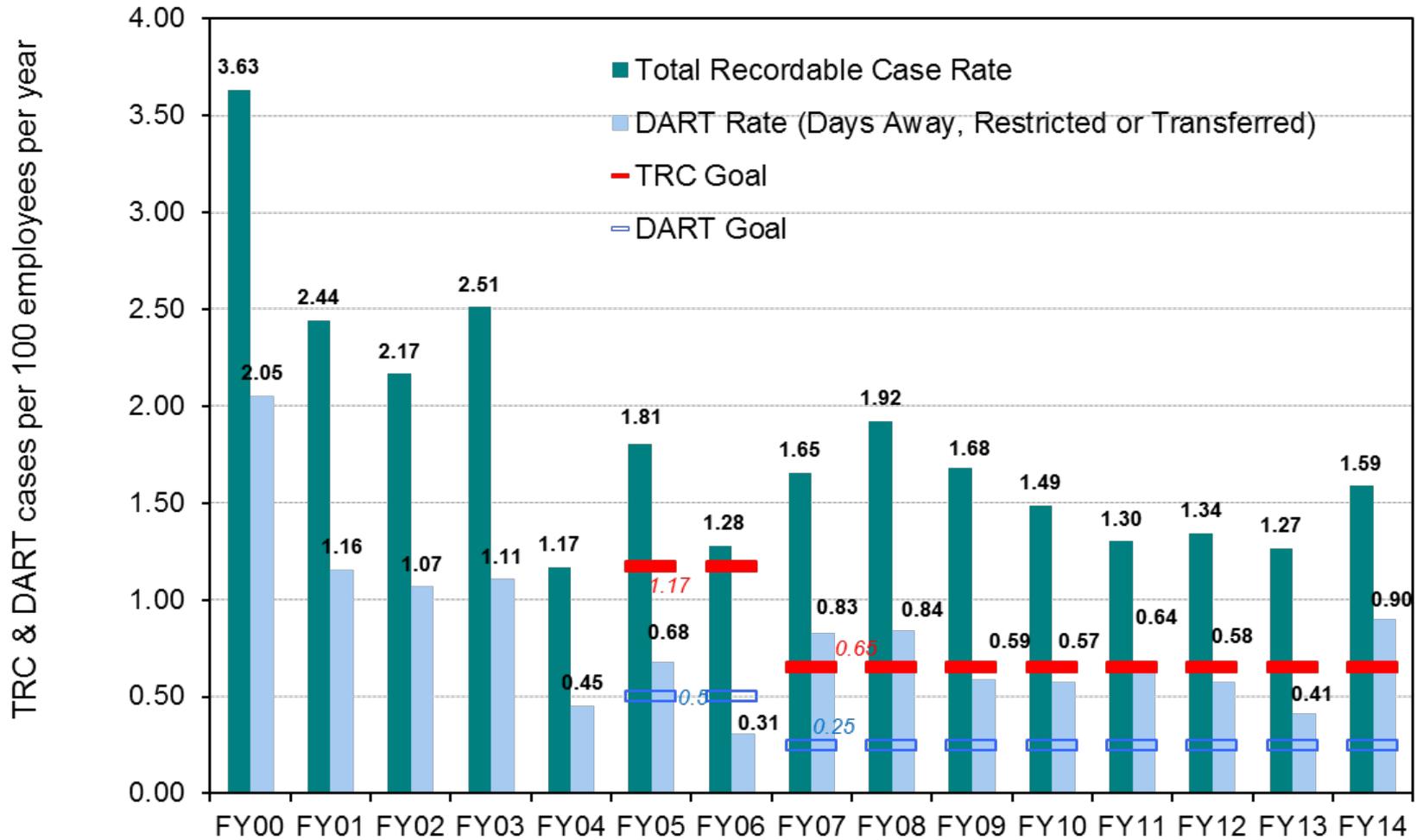
- **Lower back muscle spasm**
 - The Personnel Assistant III experienced pain in the lower back while bending down to pick up a piece of paper.

- **Wasp Sting**
 - The Plant Maintenance Technician Specialist was stung by a wasp while working on the Building 34 cooling towers.

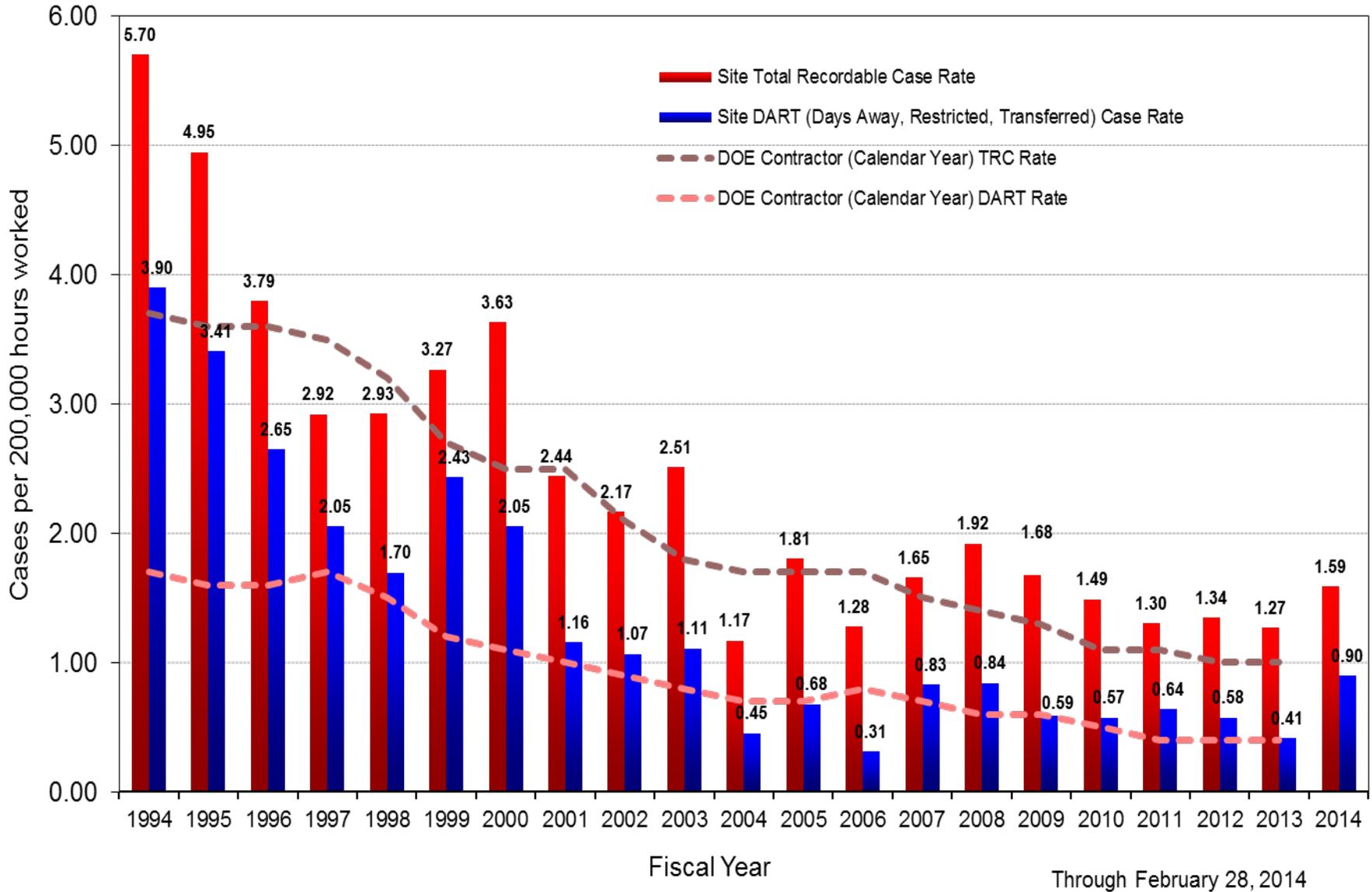
Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

Through February 28, 2014

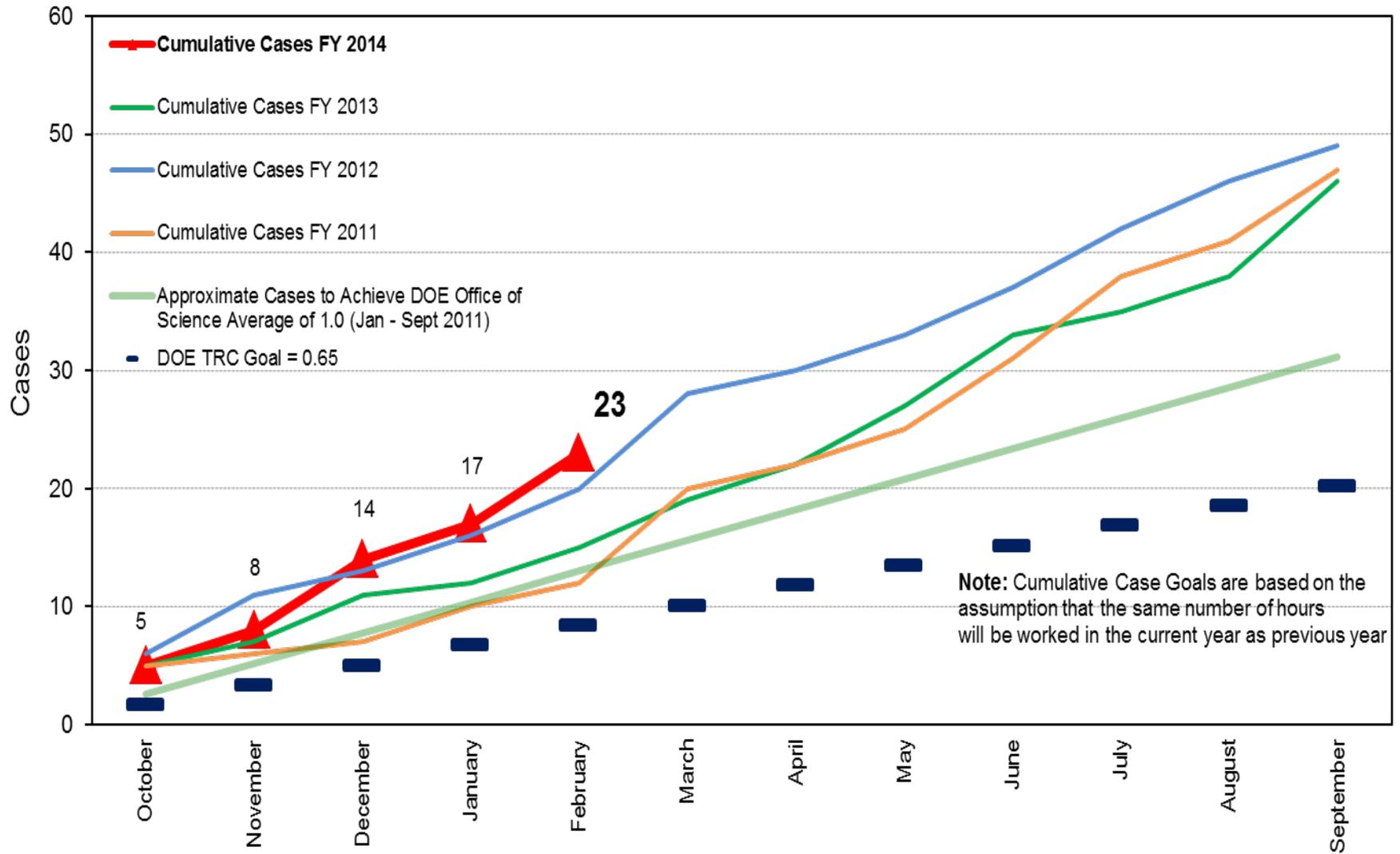


Berkeley Lab Site Accident Rates

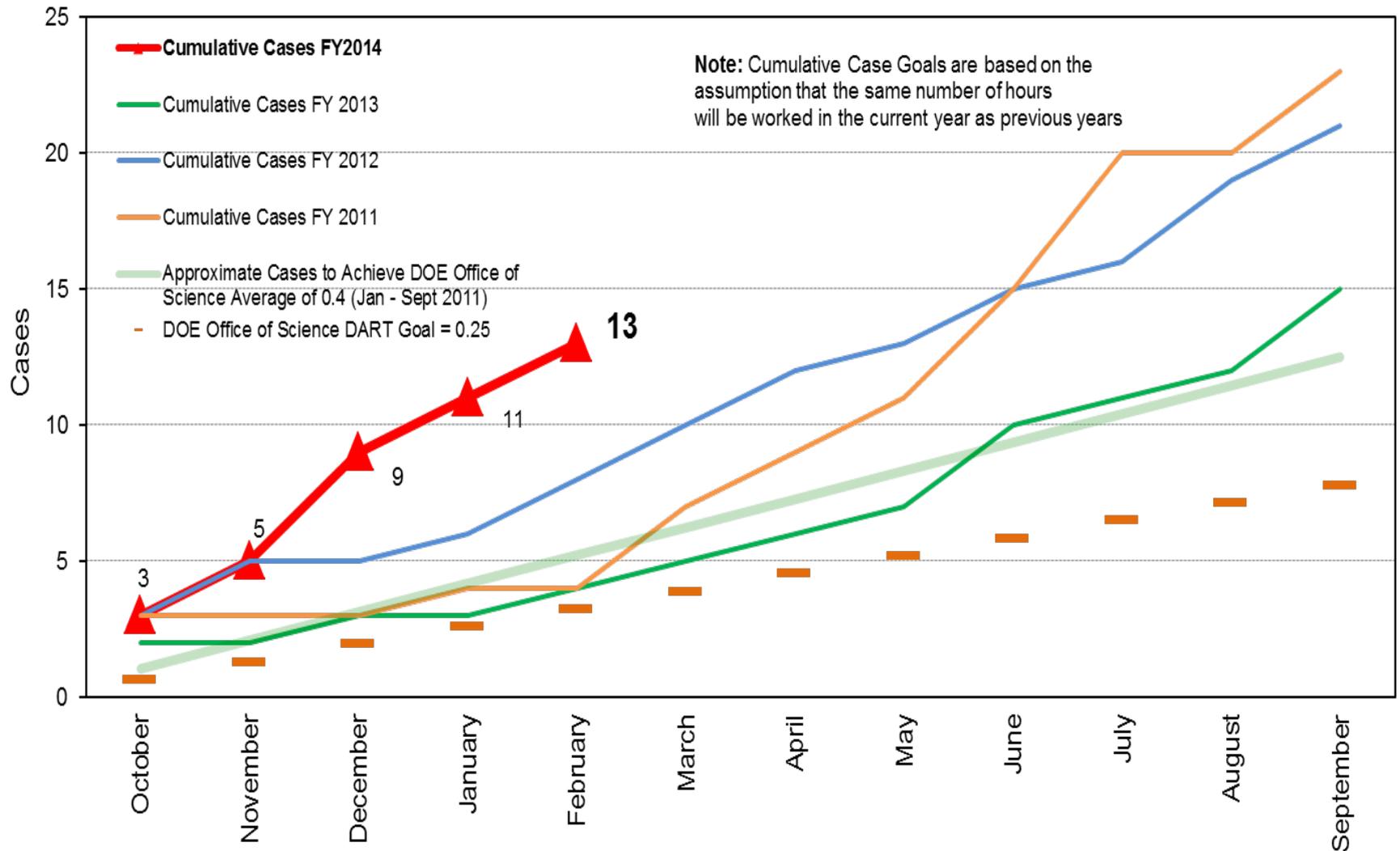


Through February 28, 2014

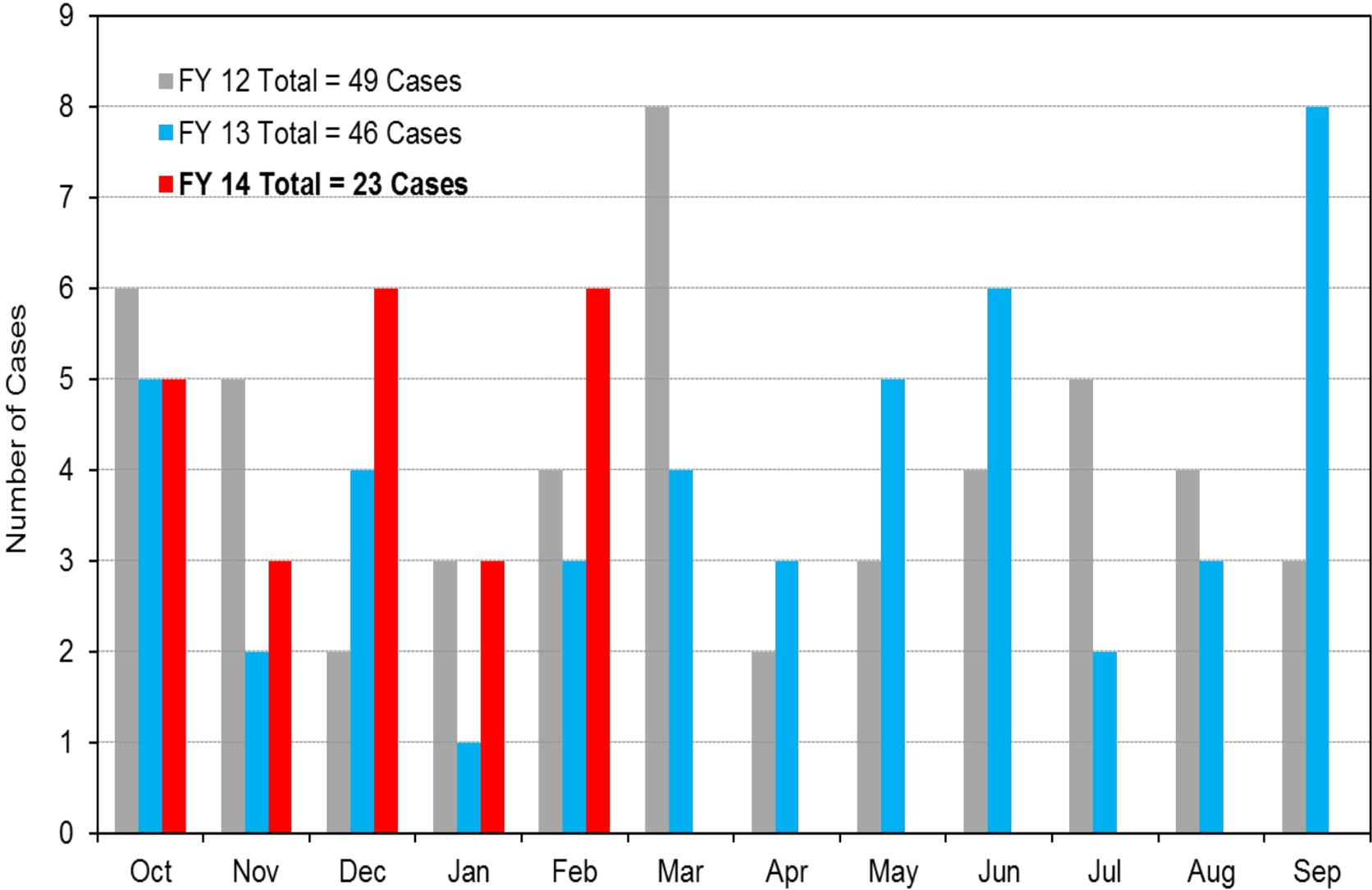
Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



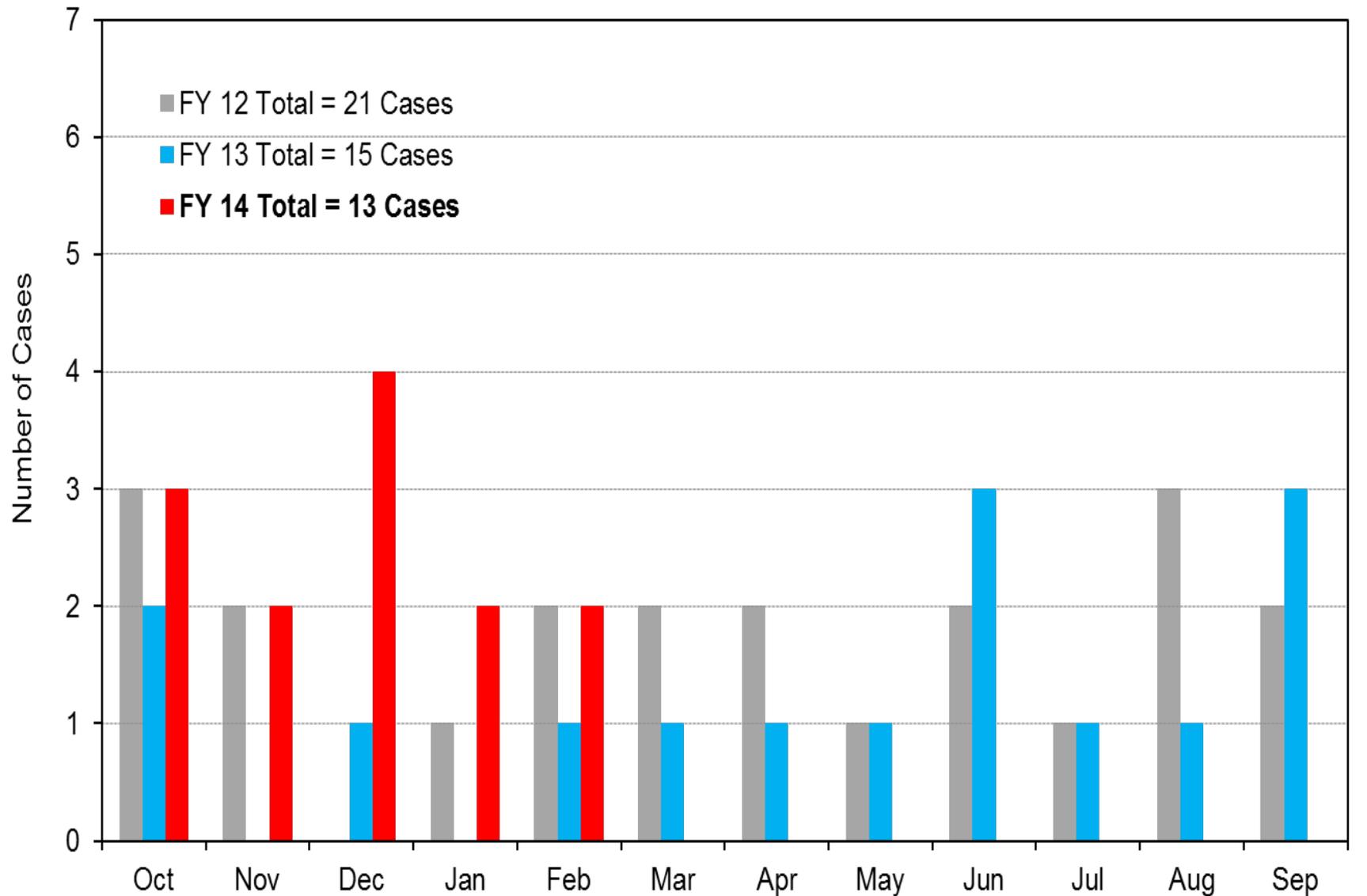
Berkeley Lab and Contractors Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

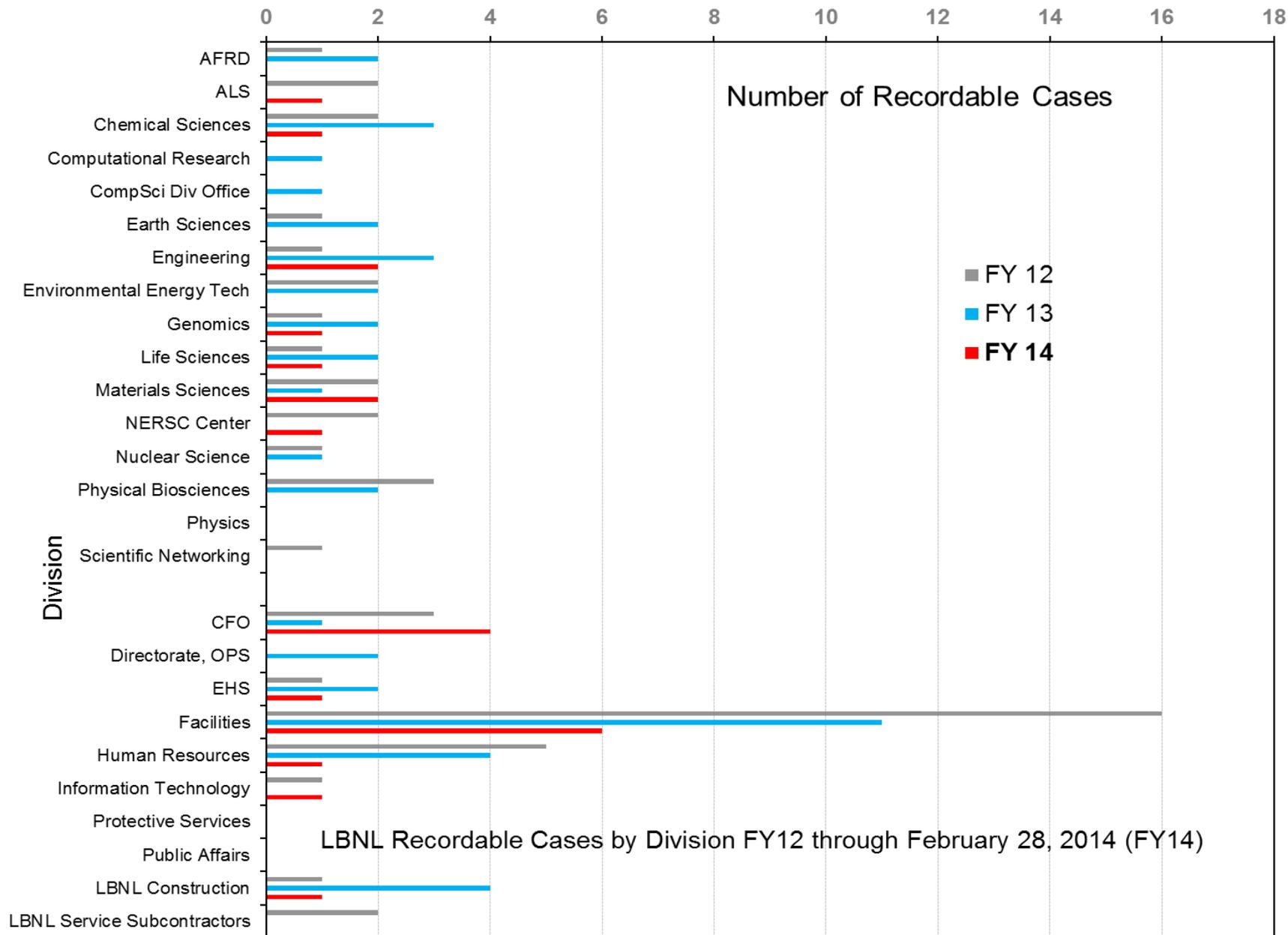


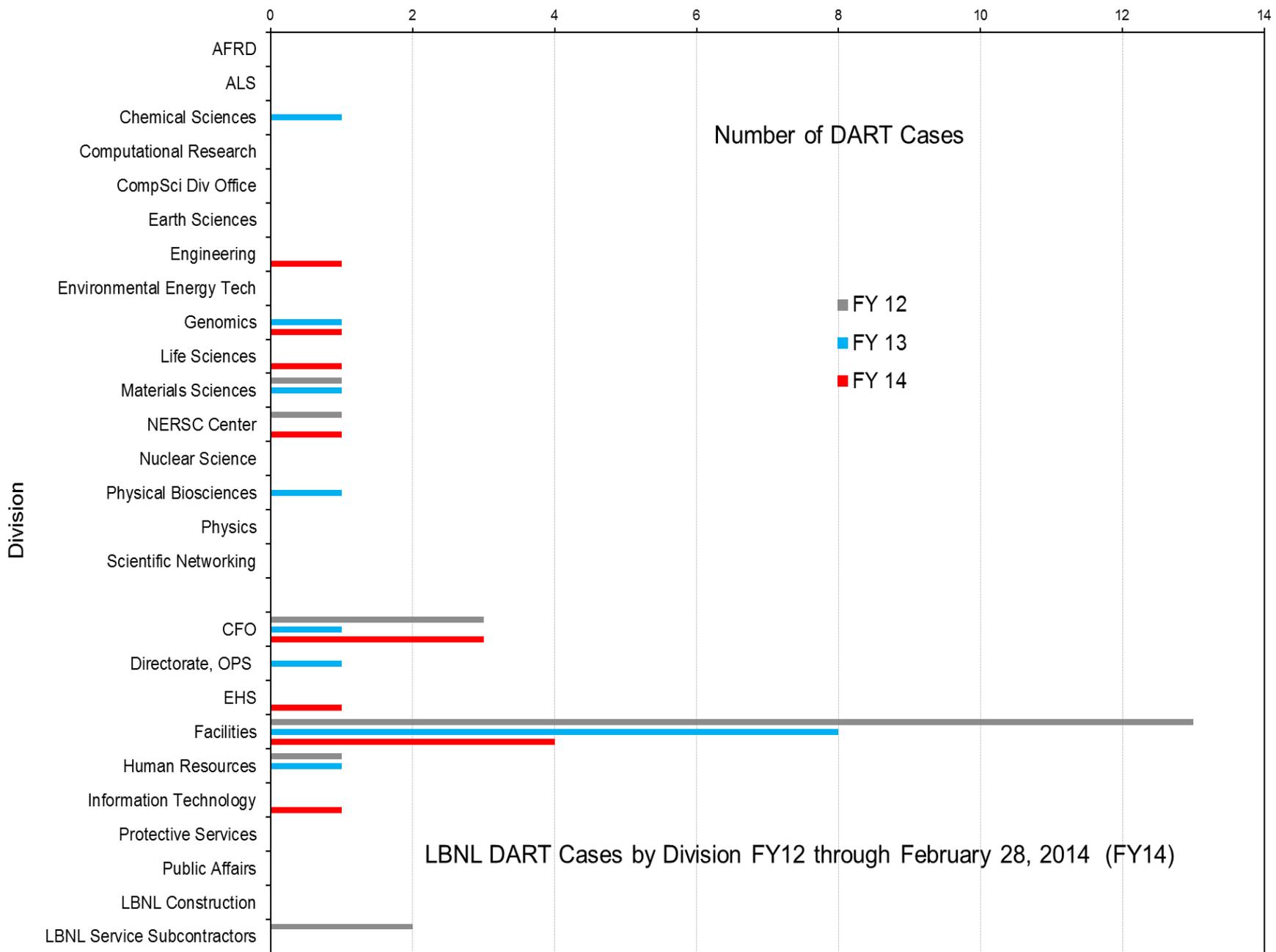
LBNL Recordable Cases FY12 through February 28, 2014 (FY14)



LBNL DART Cases FY12 through February 28, 2014 (FY14)

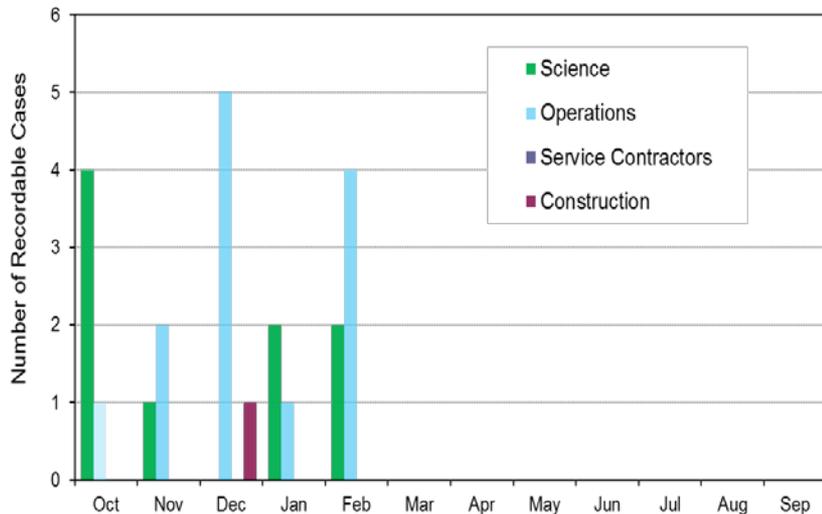




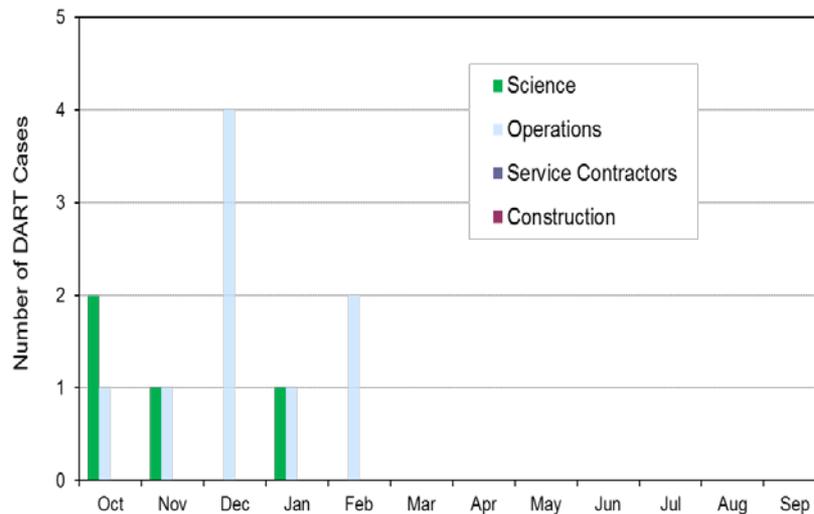


LBNL DART Cases by Division FY12 through February 28, 2014 (FY14)

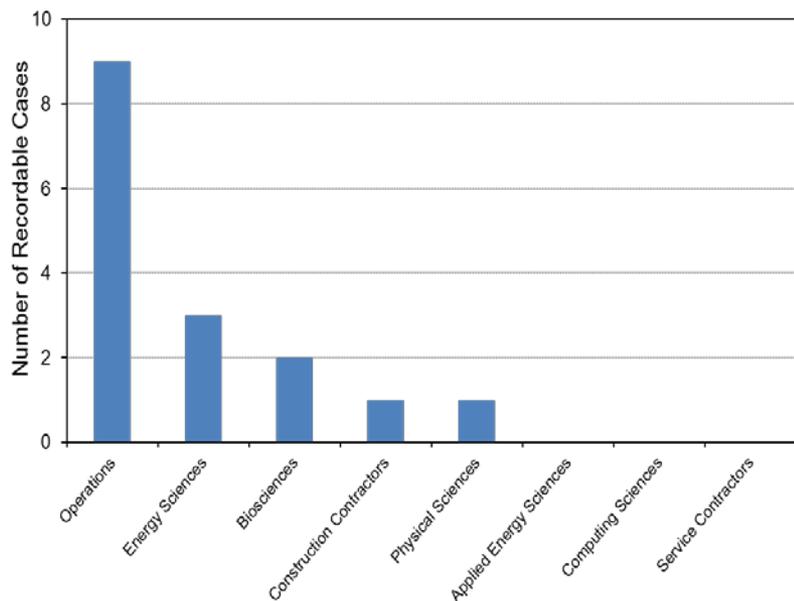
Recordable Cases by LBNL Major Organization
FY 2014 To Date February 28, 2014



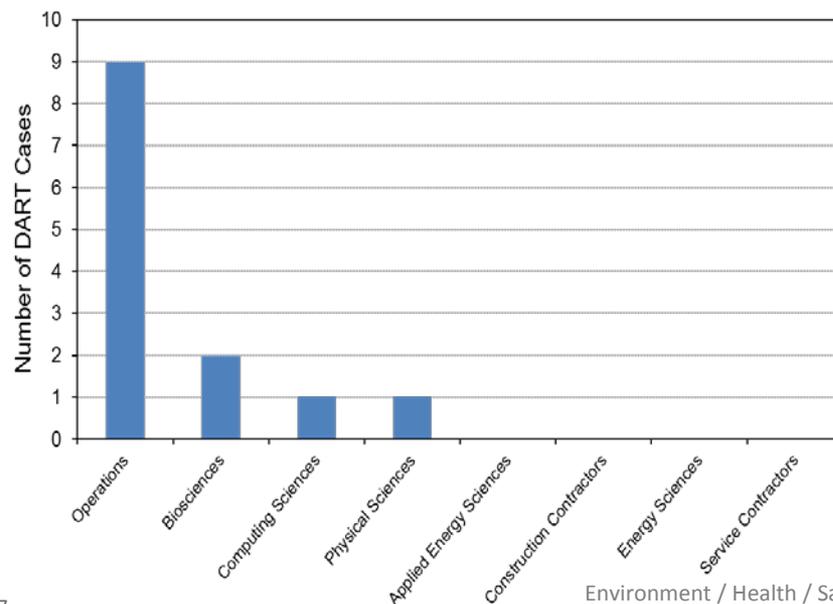
DART Cases by LBNL Major Organization
FY 2014 To Date February 28, 2014



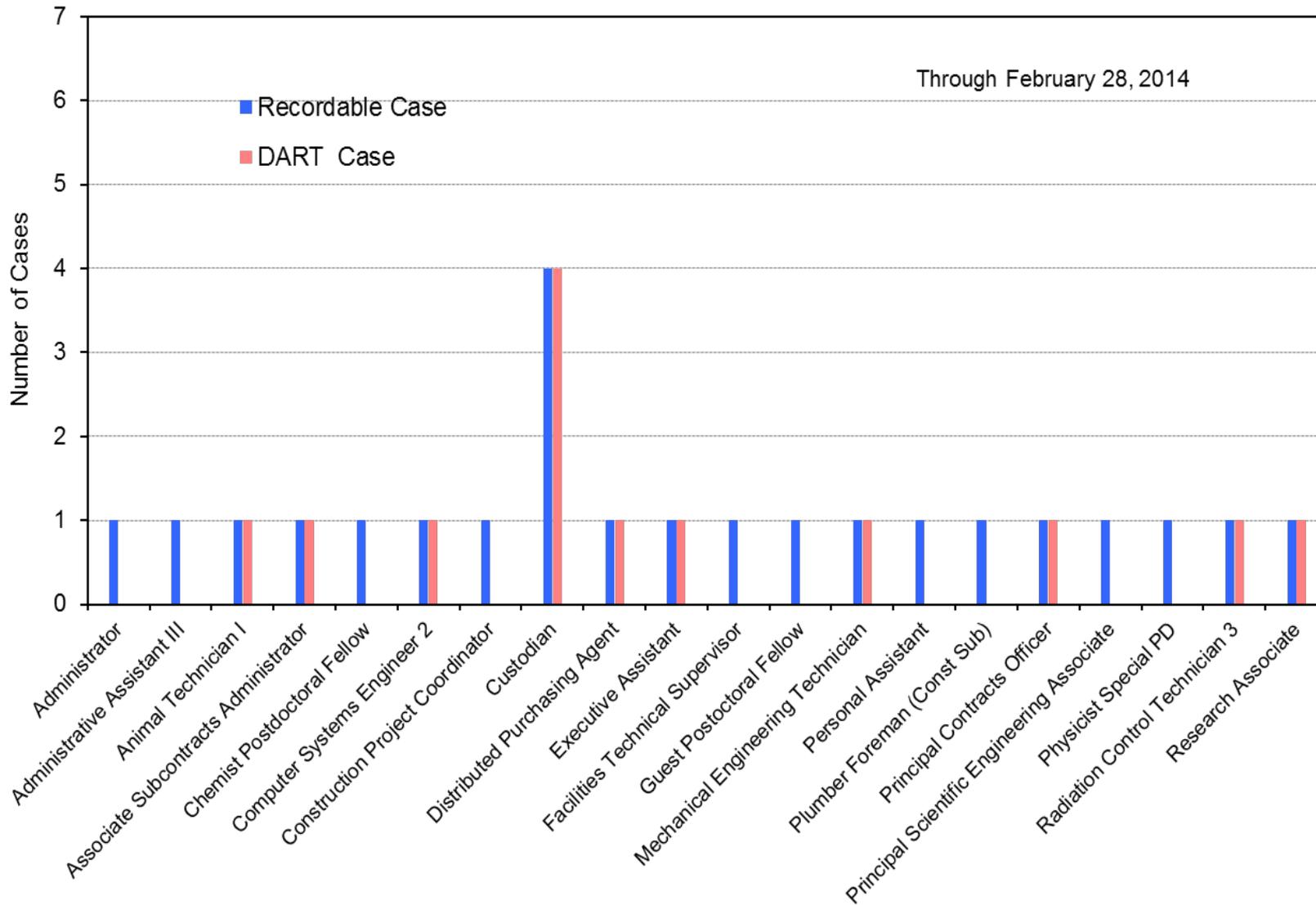
Recordable Cases by Associate Laboratory Directorate
FY 2014 To Date February 28, 2014



DART Cases by Associate Laboratory Directorate
FY 2014 To February 28, 2014

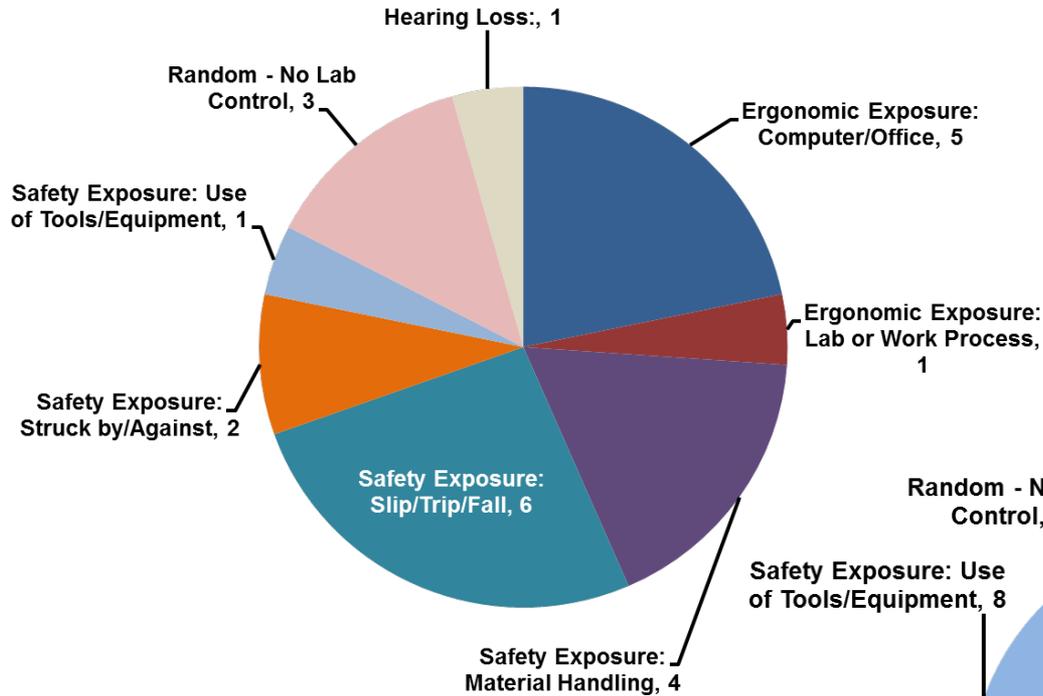


Recordable and DART Cases by Job Classification

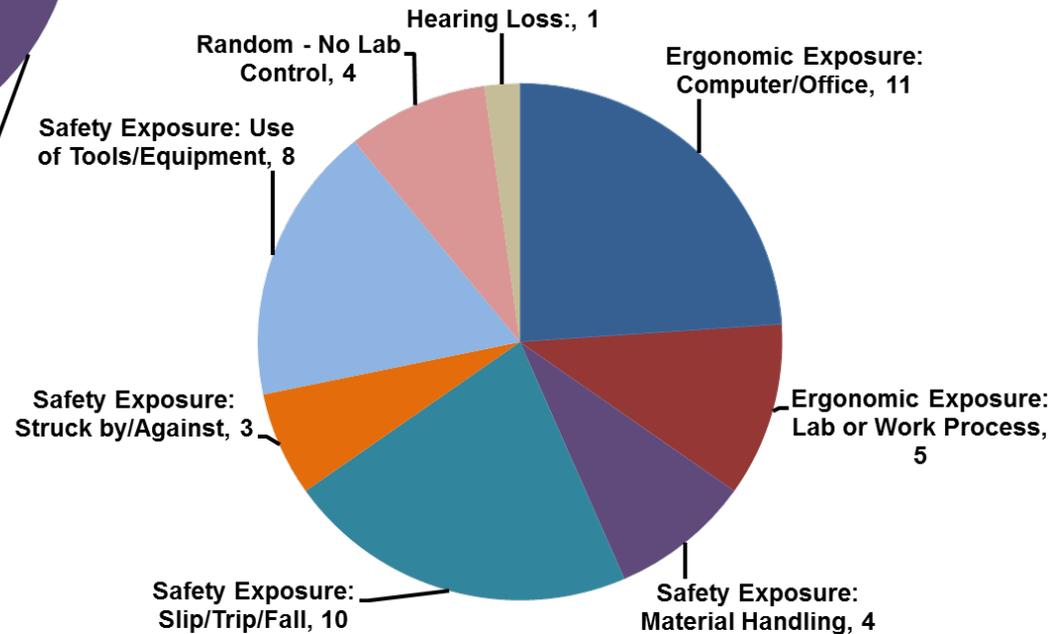


Recordable Injury Categories and Causes

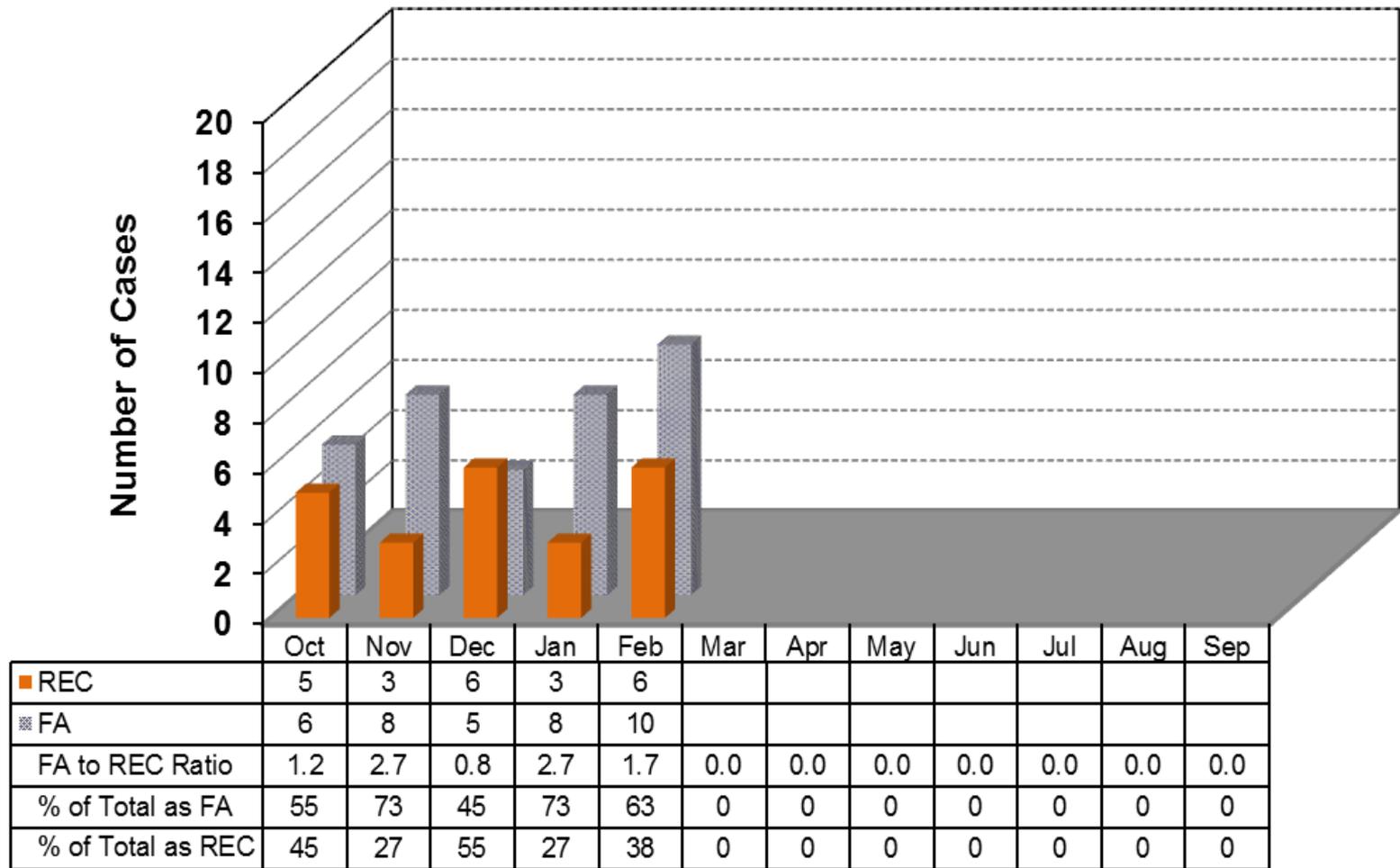
FY 2014 through February, 2014



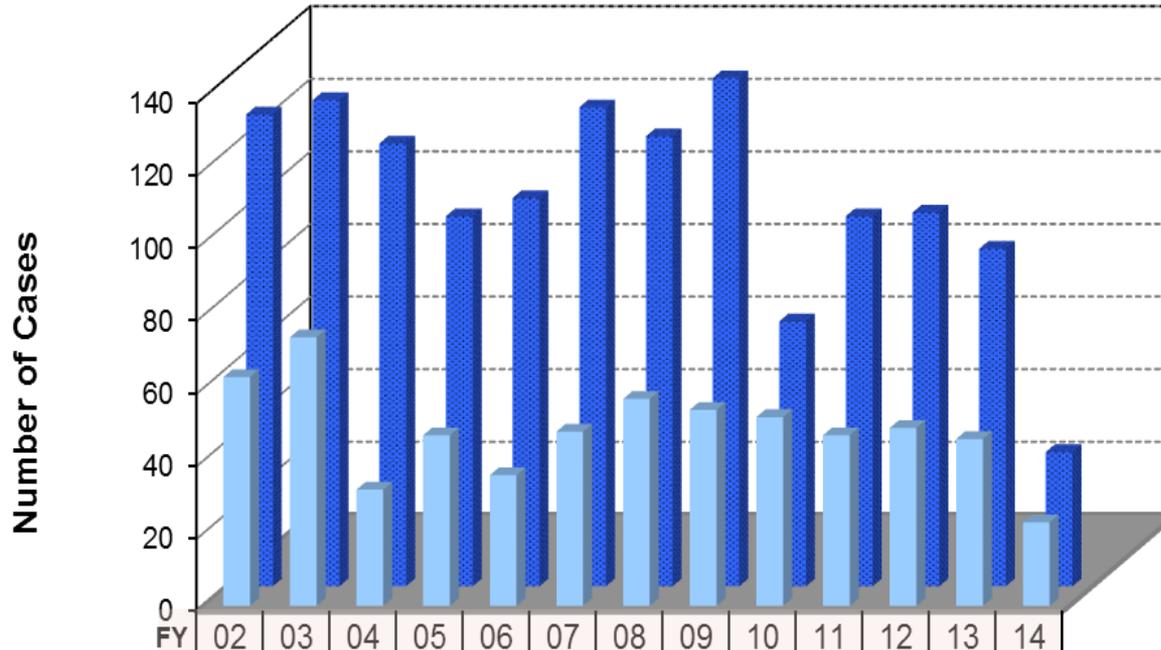
FY 2013



FY2014 First Aid to Recordable Comparison by Month through February 28, 2014



FY02 to FY2014 First Aid to Recordable Comparison by Year through February 28, 2014



| FY | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ■ REC | 63 | 74 | 32 | 47 | 36 | 48 | 57 | 54 | 52 | 47 | 49 | 46 | 23 |
| ■ FA | 130 | 134 | 122 | 102 | 107 | 132 | 124 | 140 | 73 | 102 | 103 | 93 | 37 |
| FA to REC Ratio | 2.1 | 1.8 | 3.8 | 2.2 | 3.0 | 2.8 | 2.2 | 2.6 | 1.4 | 2.2 | 2.1 | 2.0 | 1.6 |
| % of Total as FA | 67 | 64 | 79 | 68 | 75 | 73 | 69 | 72 | 58 | 68 | 68 | 67 | 62 |
| % of Total as REC | 33 | 36 | 21 | 32 | 25 | 27 | 31 | 28 | 42 | 32 | 32 | 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 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Scientific Networking | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Energy Sciences | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 2 | 0 | 9 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Facilities | 0 | 1 | 2 | 0 | 3 | 0 | 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 | 2 | 5 | 1 | 4 | 0 | 13 |
| LBNL Total | 5 | 3 | 5 | 3 | 6 | 0 | 22 |
| 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 | 6 | 0 | 23 |
| <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 | 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+ | | | | |

Environment / Health / Safety
DIVISION

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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 | 0 | 4 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Human Resources | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 2 | 0 | 9 |
| LBNL Total | 3 | 2 | 4 | 2 | 2 | 0 | 13 |
| 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 | 2 | 0 | 13 |
| <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 | 0 | 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 02/28/14

Notes: Projections assume that hours worked will remain constant



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