

Berkeley Lab Accident Statistics Through August 31, 2011

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 rwwfisher@lbl.gov

Injury/Illness Cases – Slip / Trip / Fall August 2011

- Administrator – Abrasions and contusions, multiple
 - The employee lost balance and fell from the second step of a platform ladder while retrieving supplies from a shelf in the supply storage room.

Injury/Illness Cases – Material Handling August 2011

- Material Handler – Back strain
 - Multiple urgent conference table moves were done over a short period of time without lift team assistance.
- Custodian – Shoulder strain
 - The employee and colleague were manually lifting a machine into the back of a pickup truck (lift gate truck out for maintenance).

Injury/Illness Cases – Ergonomic August 2011

- Administrative Assistant – Repetitive strain, both hands
 - The employee manages chronic ergonomic discomfort but has recently experienced more severe symptoms with ongoing use of keyboard and mouse at less than optimal workstation height.
- Material Specialist – Neck strain
 - The employee developed pain in the upper neck and back while working at his workstation. The monitor height was found to be poorly adjusted.

Injury/Illness Cases – Ergonomic August 2011

- Business Process Analyst – Repetitive strain, both hands
 - The employee developed discomfort in the neck, shoulders, and both hands. The discomfort increased over a one week period and did not resolve over the weekend. The only change in the past few weeks was using a different mouse due to the old mouse breaking.
- Administrative Services Supervisor – Repetitive strain, wrist
 - Symptoms of wrist strain increased in association with mouse usage.

Injury/Illness Cases – Ergonomic August 2011

- Administrative Assistant – Repetitive strain, wrist
 - The employee experienced increasing discomfort and pain in the right wrist over the prior 2 to 3 weeks due to increased work load and deadlines.

Injury/Illness Cases – Chemical August 2011

- Post Doctoral Fellow – Needle stick (chemicals)
 - While wearing gloves and working with a solution of engineered nanomaterial the employee stuck the right index finger tip with a syringe needle.

Injury/Illness Cases – Trauma

July 2011

- Graduate Student Research Assistant – Eye irritation
 - Preparing for an office move, the employee had rolled up a display poster and was attempting to put an outer protective cover around the outside of the poster. The outer cover sprung open and contacted the employees face and eye.
- Project Manager – Ankle sprain
 - The employee slipped off the edge of the curb while using the walkway downhill along McMillan Road from B17 to B46. The employee did not fall to the ground.

Injury/Illness Cases – Trauma

July 2011

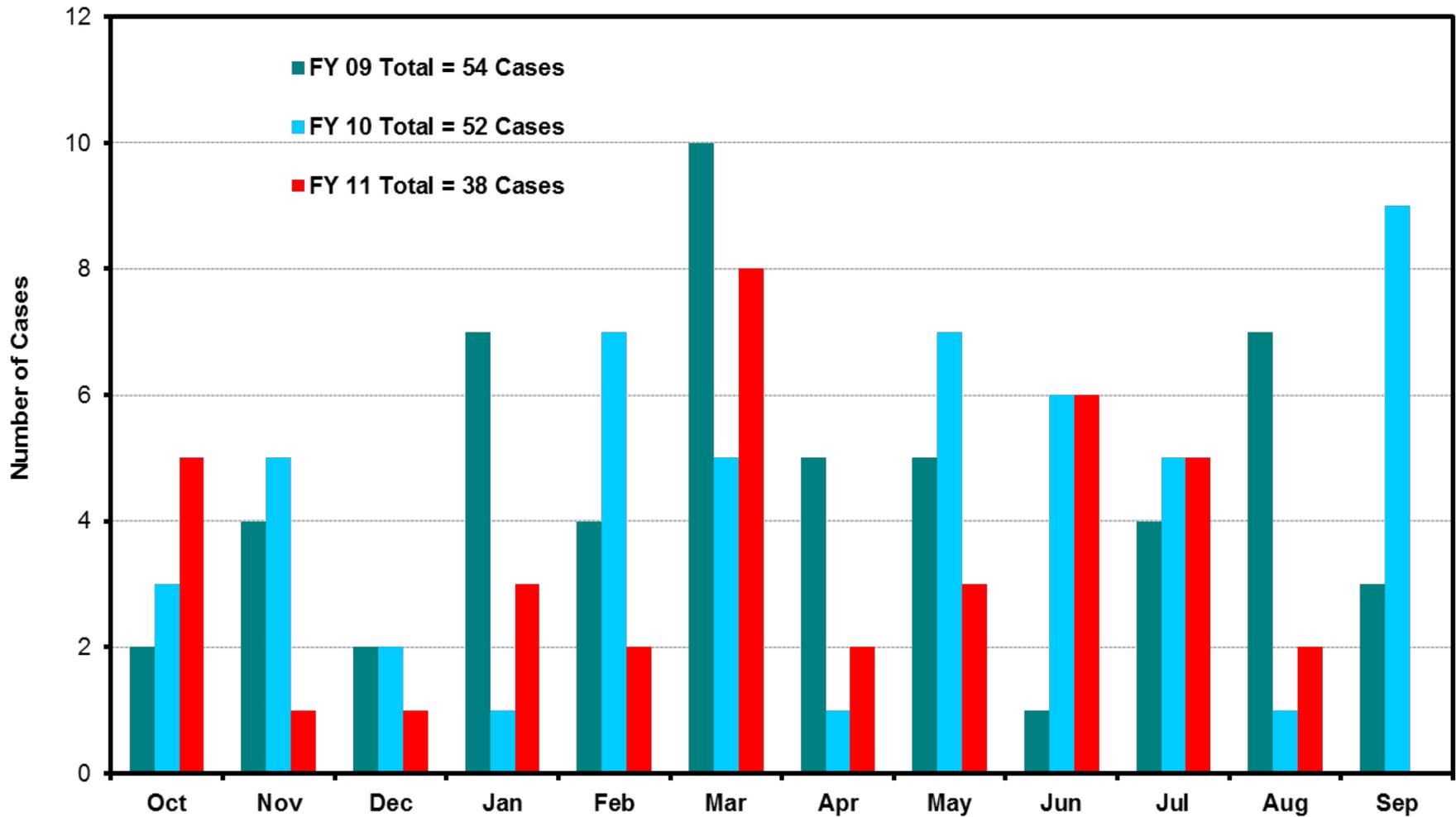
- Administrative Assistant – Wrist strain
 - In a new cubicle space, the employee was using the panel mounted shelf over the desktop. The heavy shelf door hinges upward to open. The employee lifted the door edge upward with the left hand to place material in the shelf unit with the right hand. The weight of the door caught the employee off guard, with the wrist at just the wrong angle, and strained the left wrist as the door fell to the closed position.

Injury/Illness Cases – Trauma

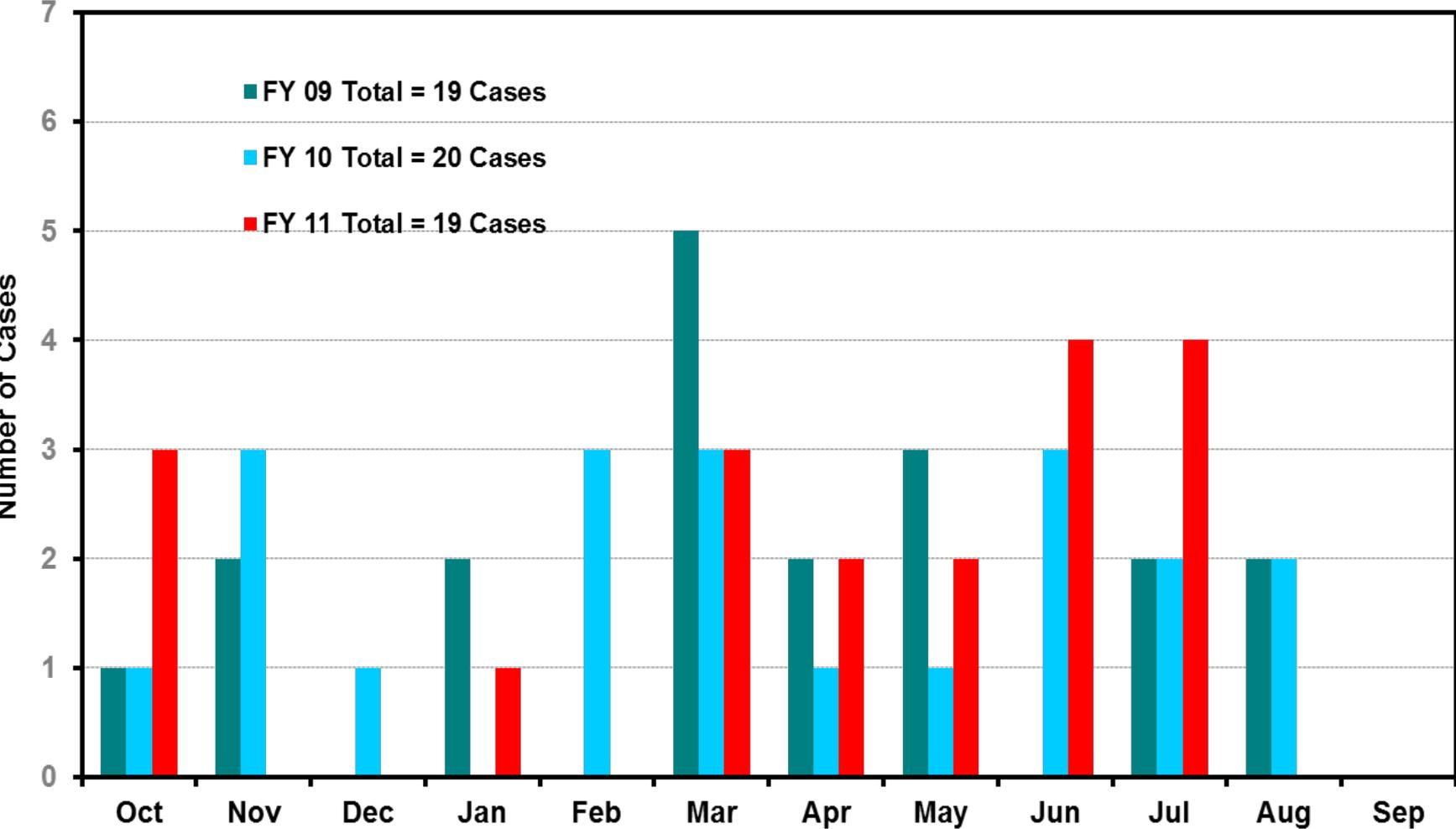
July 2011

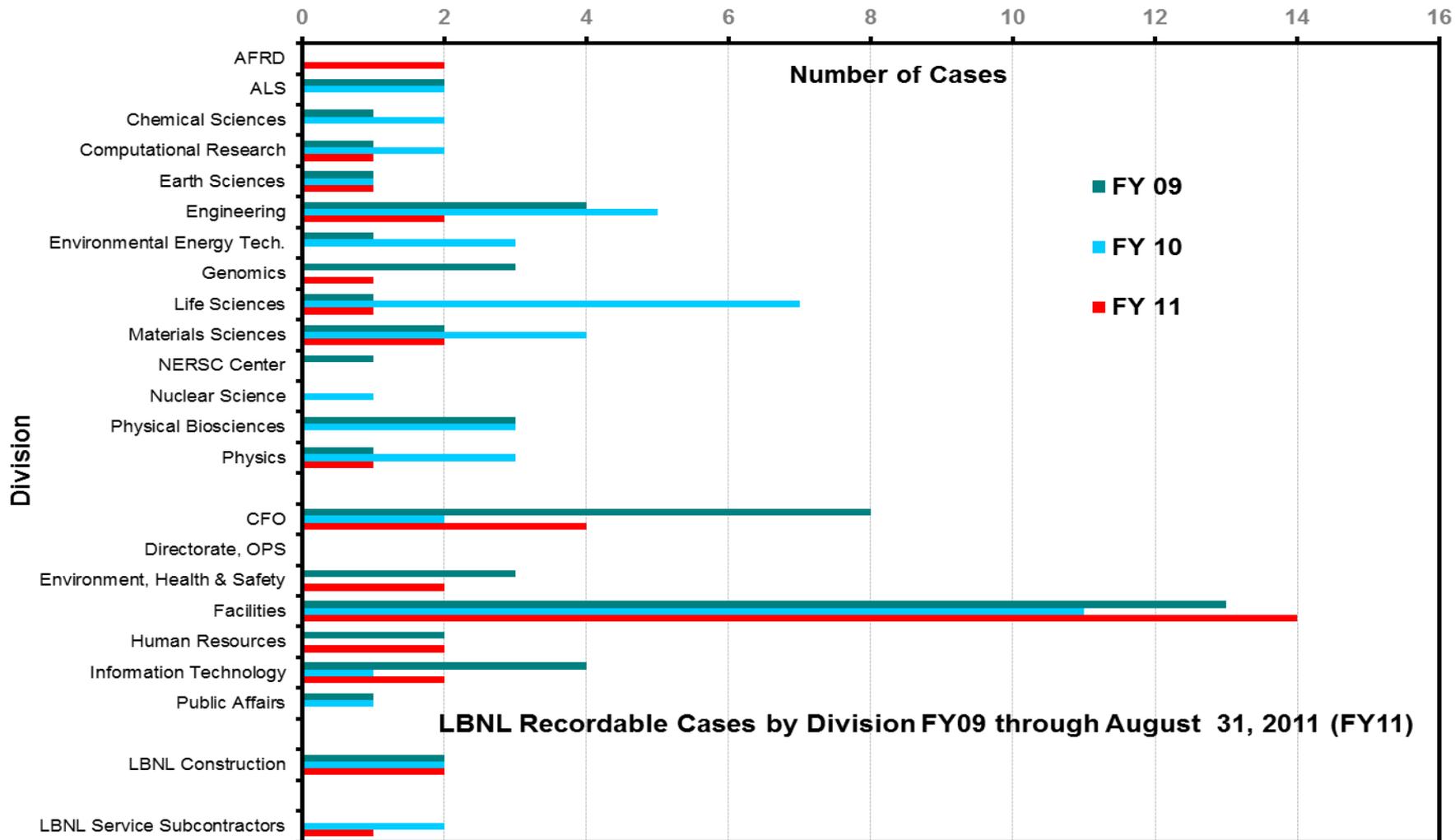
- Mechanical Engineering Technician – Knee contusion
 - After completing a task using a band saw, the employee walked back, around the saw to retrieve a tool. He grabbed the tool with his left hand, did a right hand U-turn pivoting off his right foot, swinging his left leg around, and struck his knee on part of the saw.
- Human Resources Manager – Shoulder strain
 - While speaking on the telephone and not directly facing the workstation the employee reached awkwardly for computer mouse and felt pain in the right shoulder and upper arm.

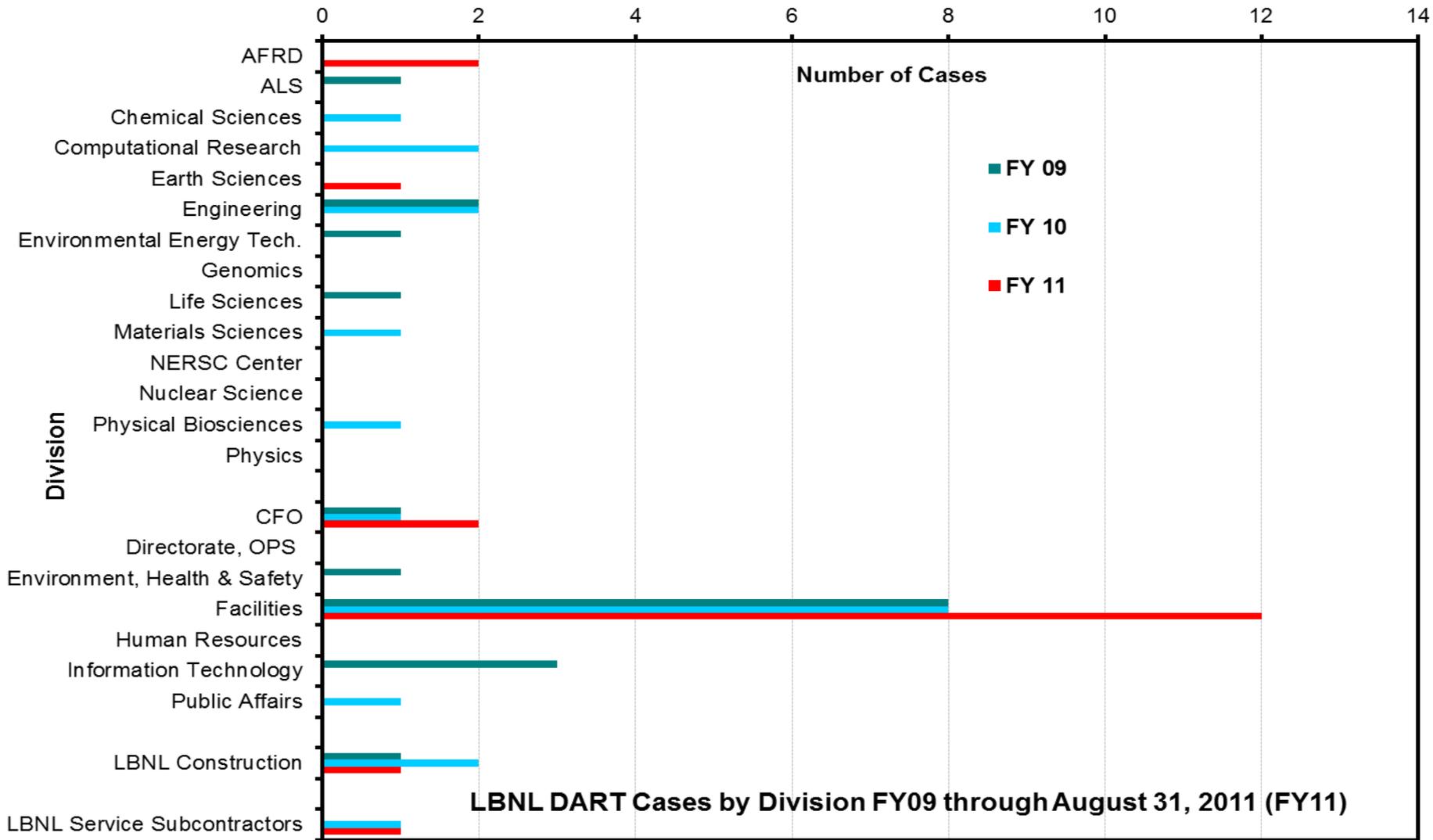
LBNL Recordable Cases FY09 through August 31, 2011 (FY11)



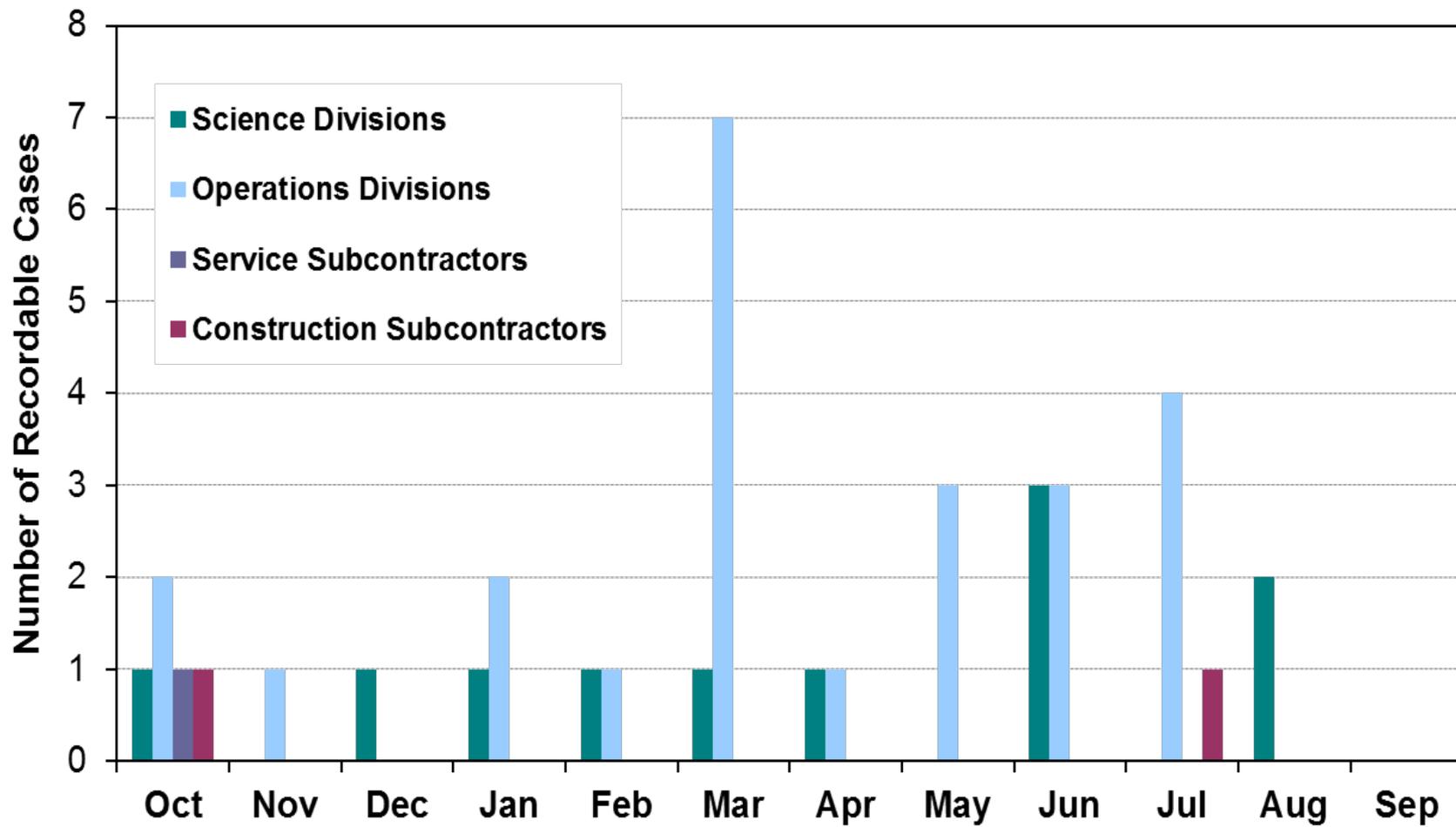
LBLN DART Cases FY09 through August 31, 2011 (FY11)



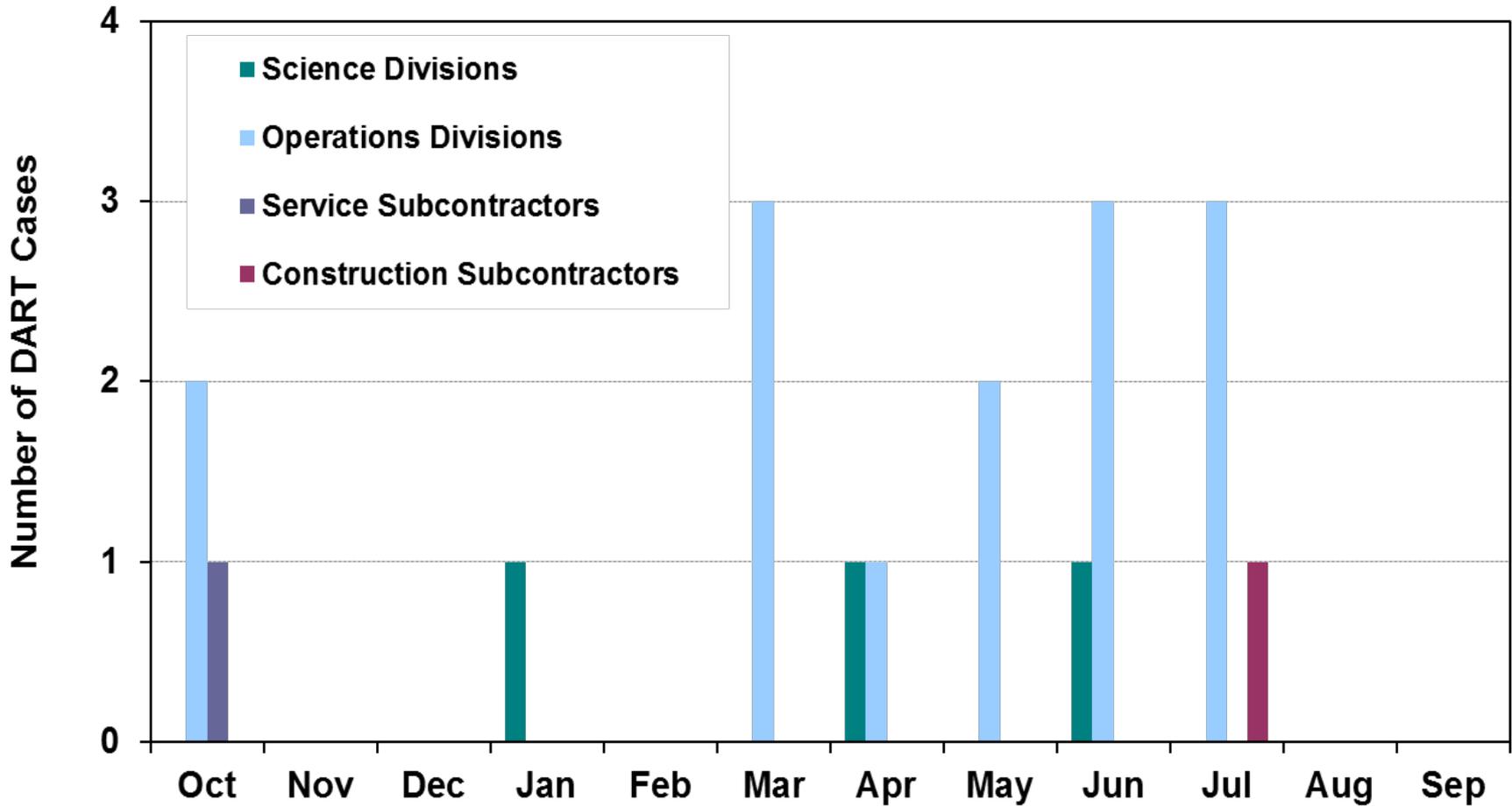




Recordable Cases by LBNL Major Organization FY 2011 To Date August 31, 2011



DART Cases by LBNL Major Organization FY 2011 To Date August 31, 2011

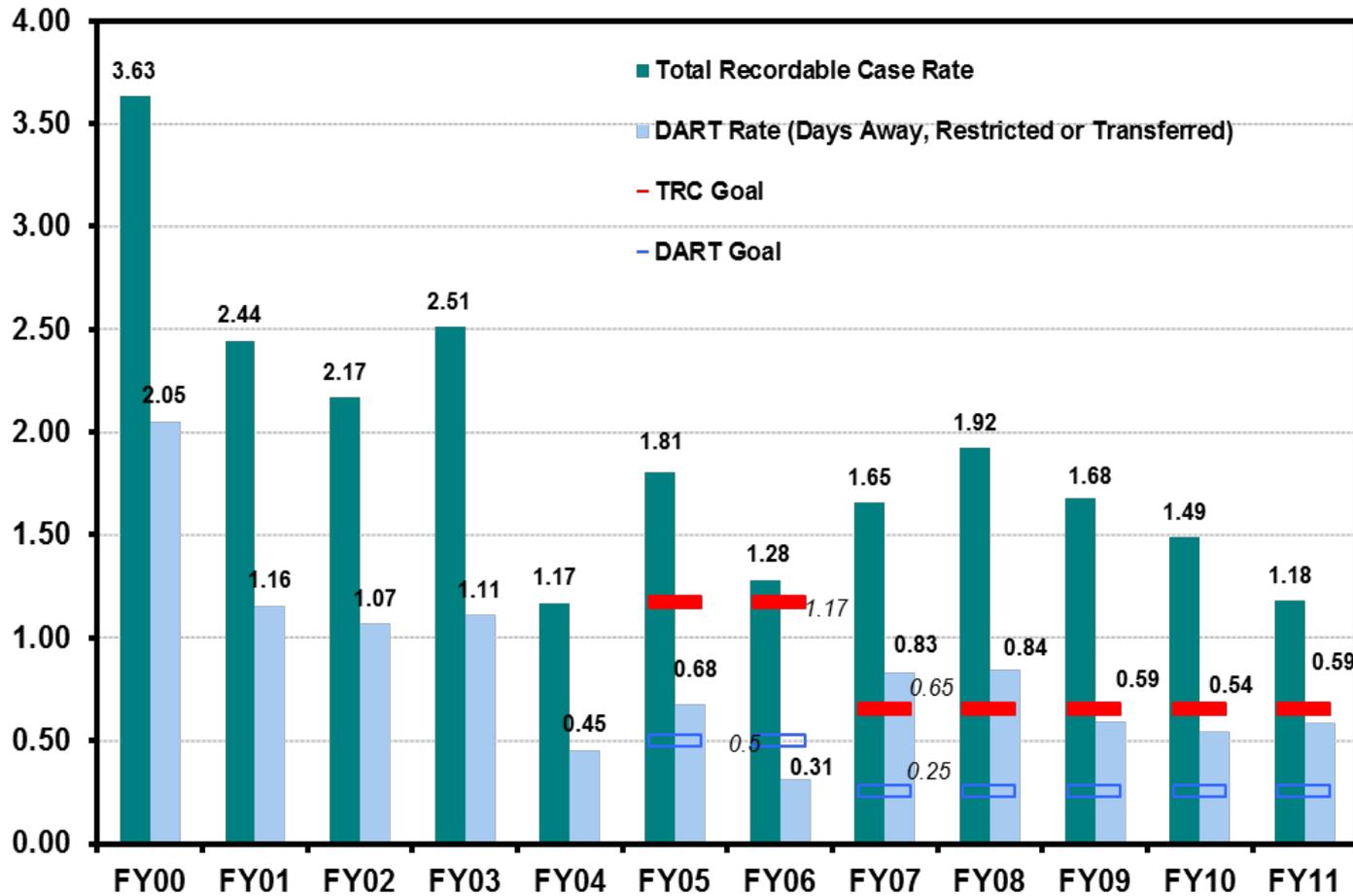


Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

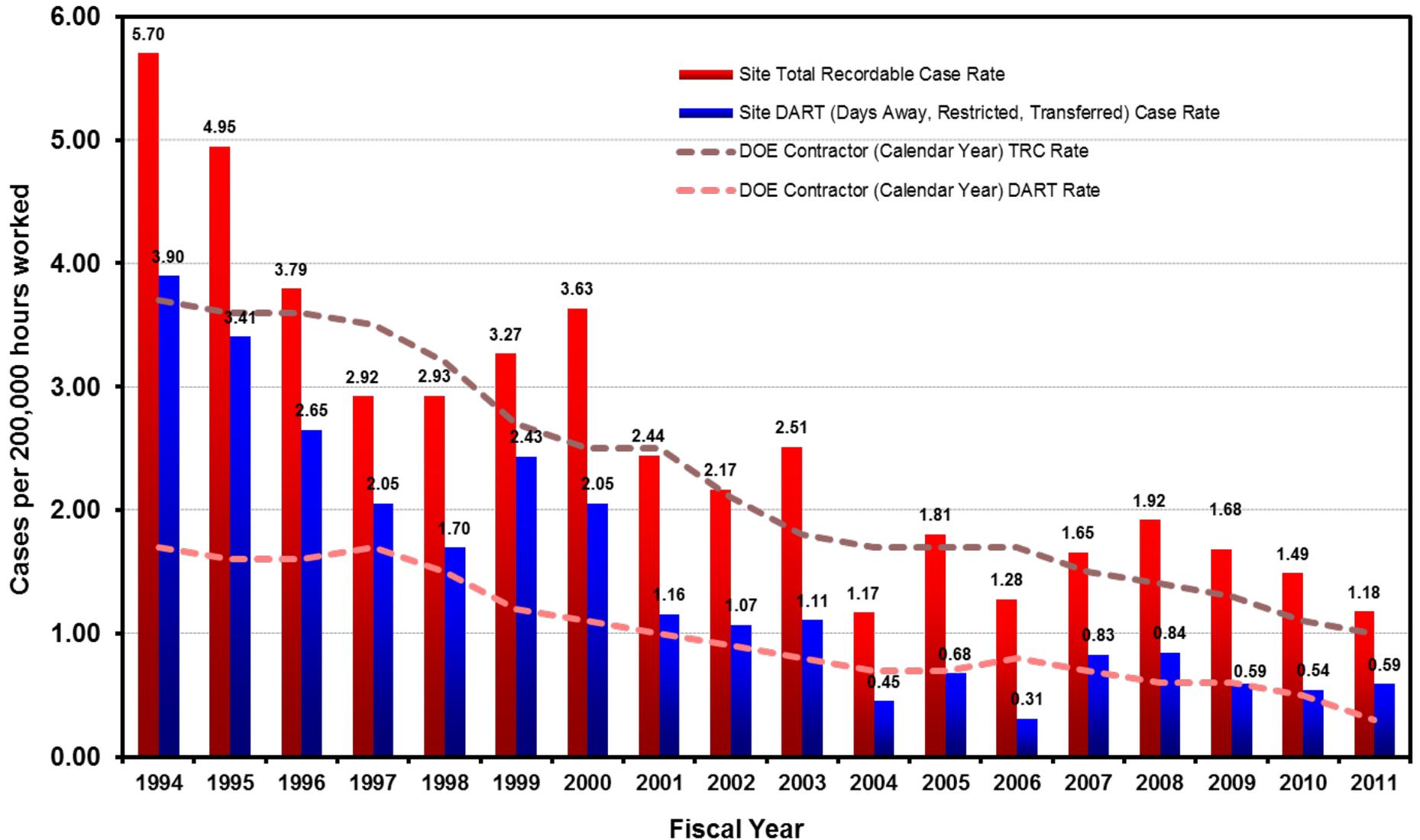
Through August 31, 2011

TRC & DART cases per 100 employees per year



LBNL vs. DOE Contractor Rates

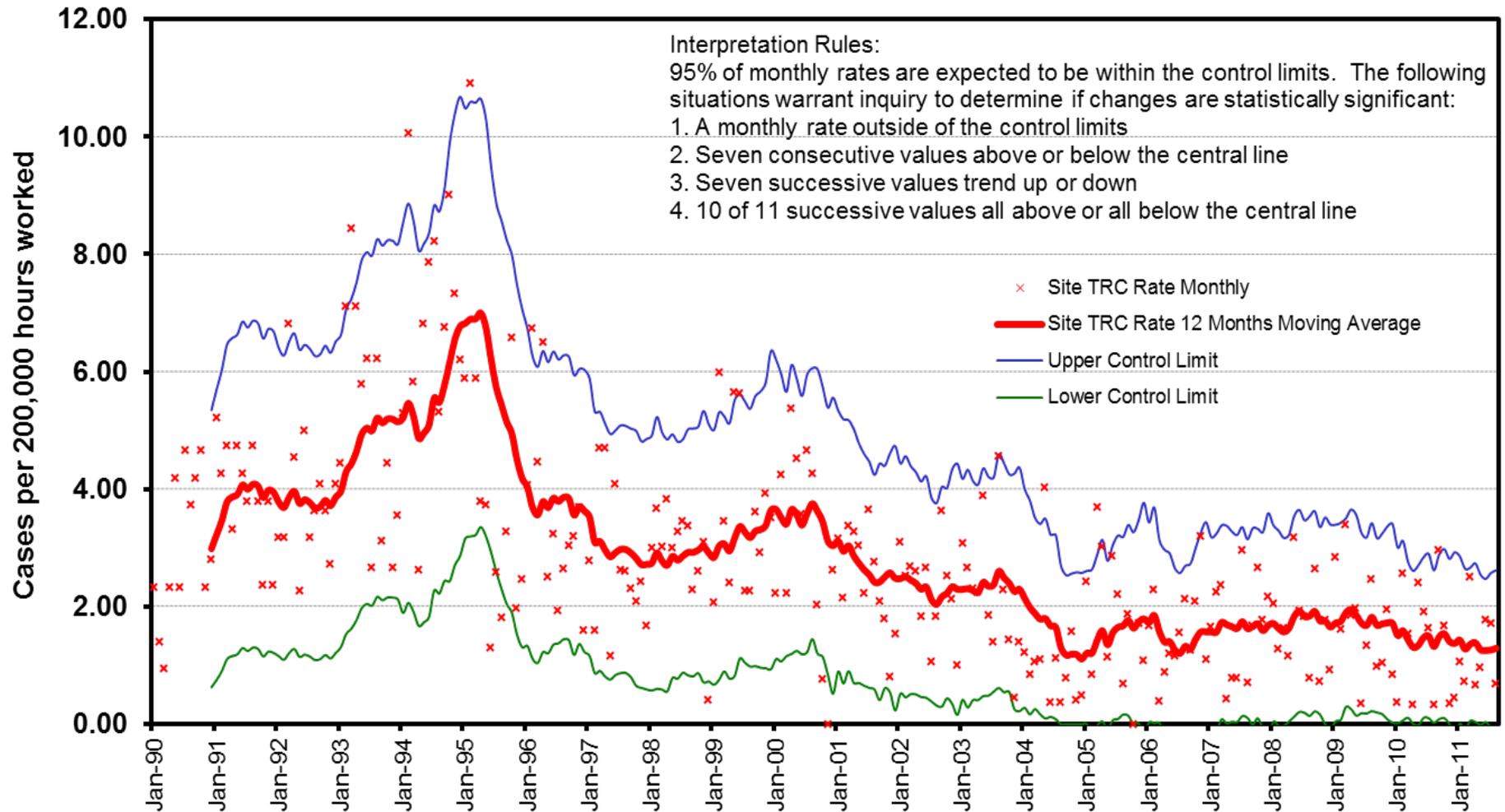
Berkeley Lab Site Accident Rates



Through August 31, 2011

Long Term Injury Rates - TRC

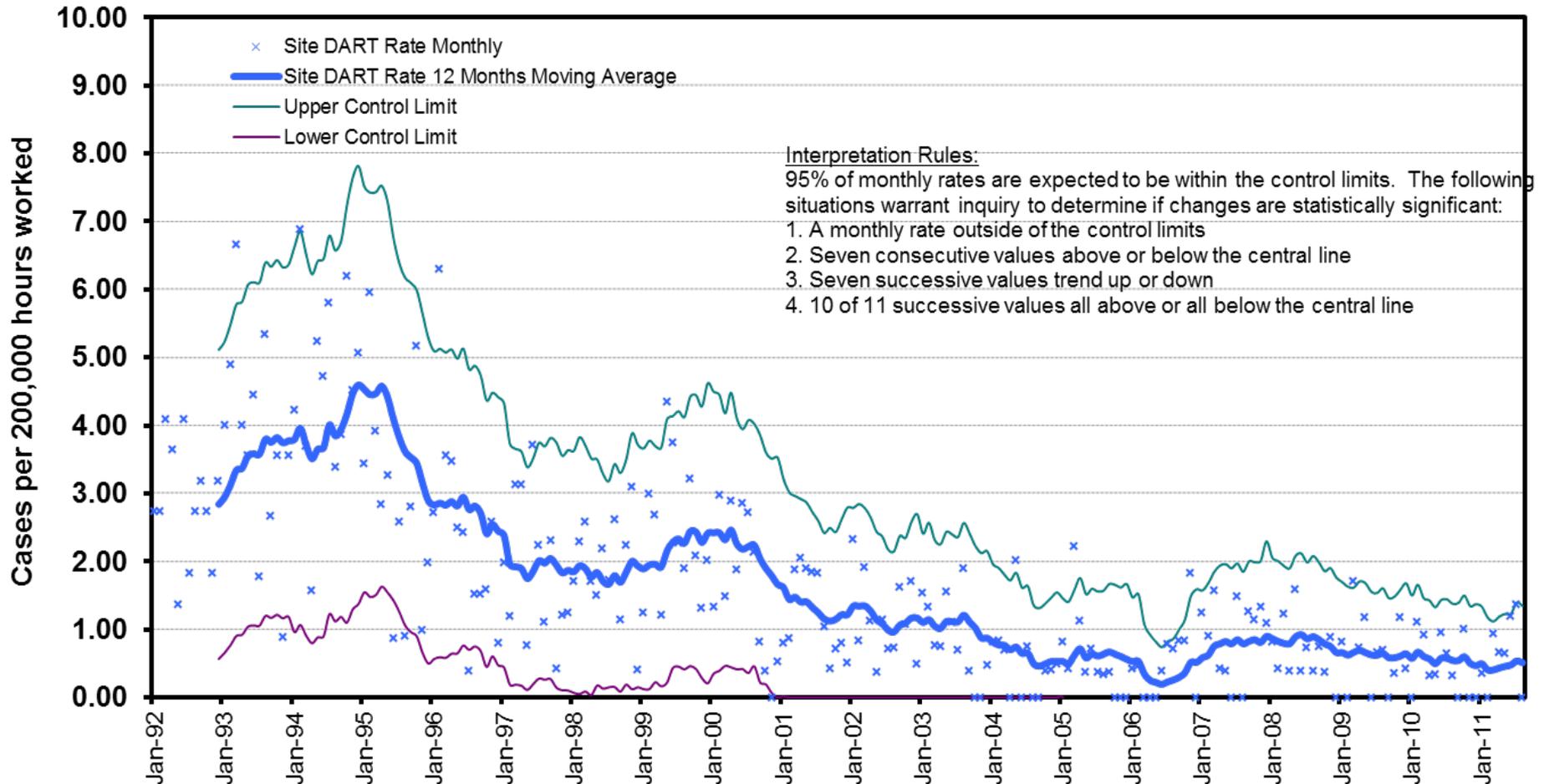
Berkeley Lab Total Recordable Case Rates With Control Limits At 95% Confidence Level



Through August 31, 2011

Long Term Injury Rates - DART

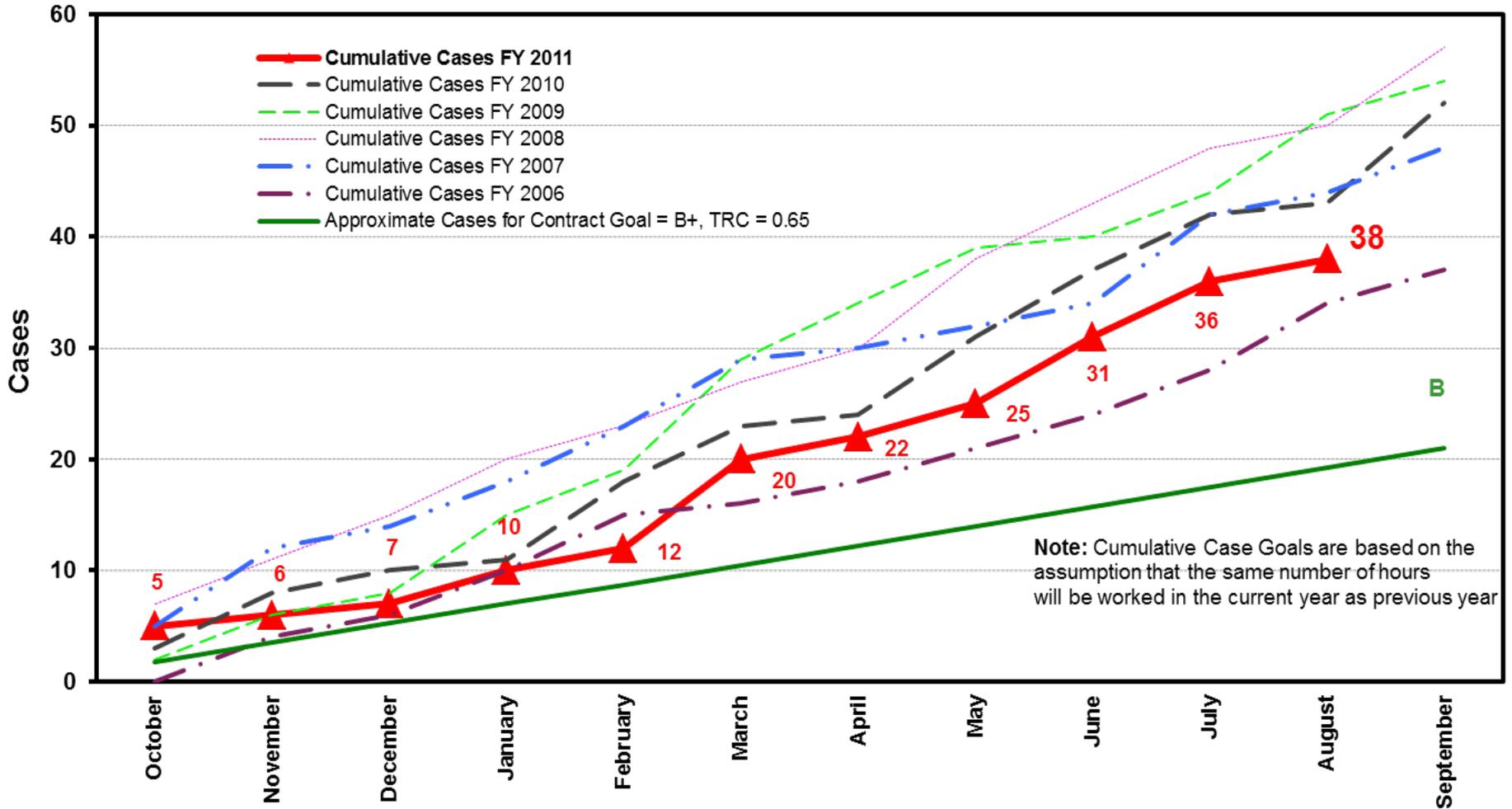
Berkeley Lab DART Rates With Control Limits At 95% Confidence Level
(Cases with Days Away, Restricted or Transferred)



Through Augusts 31, 2011

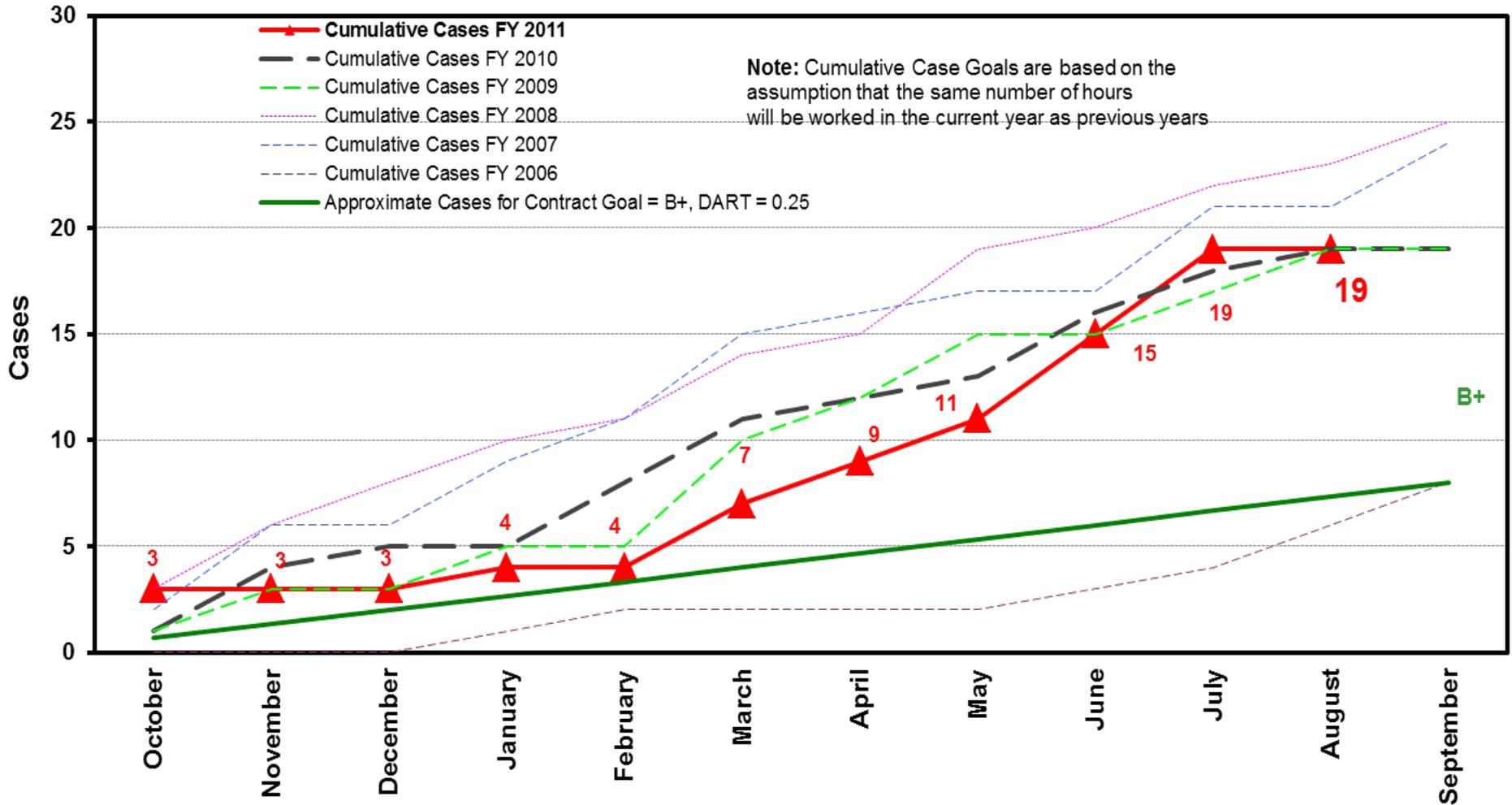
Performance vs. Contract Goals - TRC

Berkeley Lab and Contractors
 Cumulative Total Recordable Cases
 By Fiscal Year

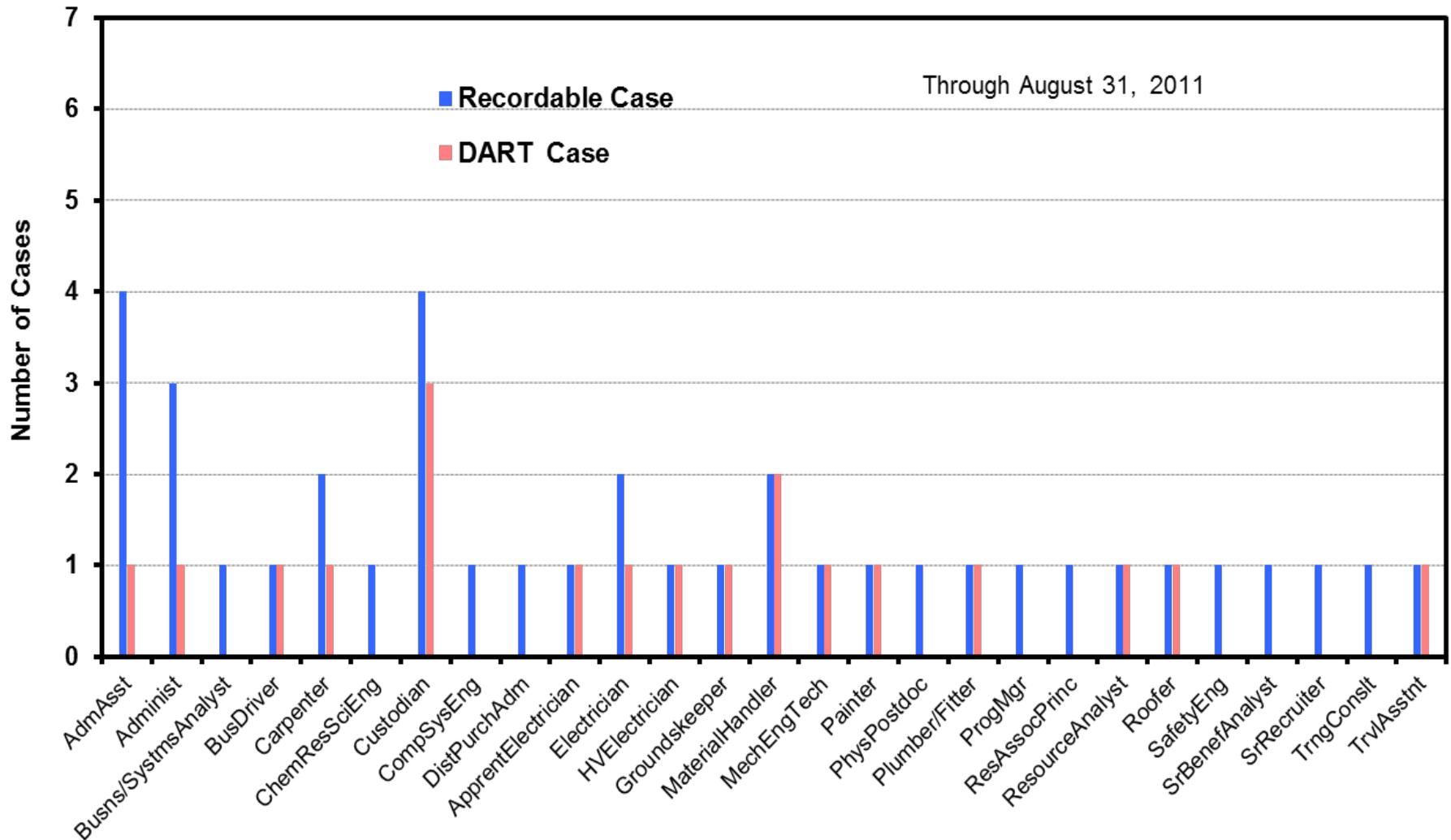


Performance vs. Contract Goals - DART

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

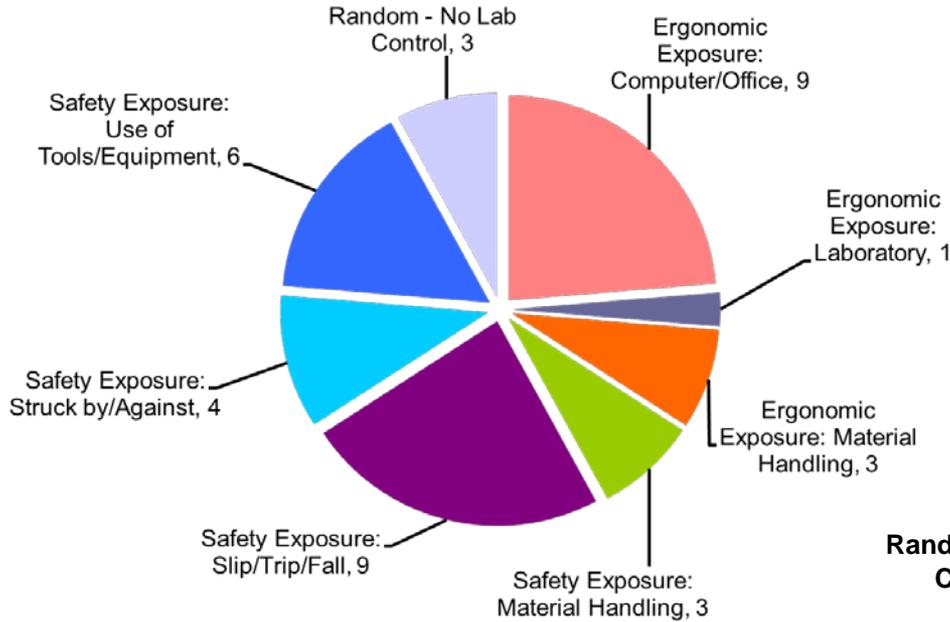


Recordable and DART Cases by Job Classification

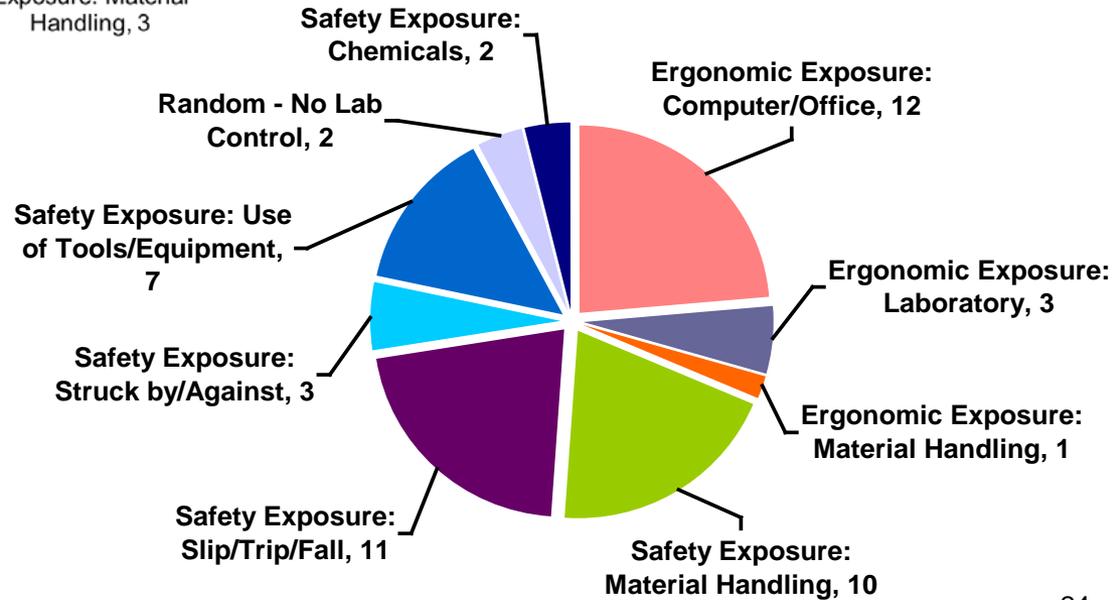


Recordable Injury Categories and Causes

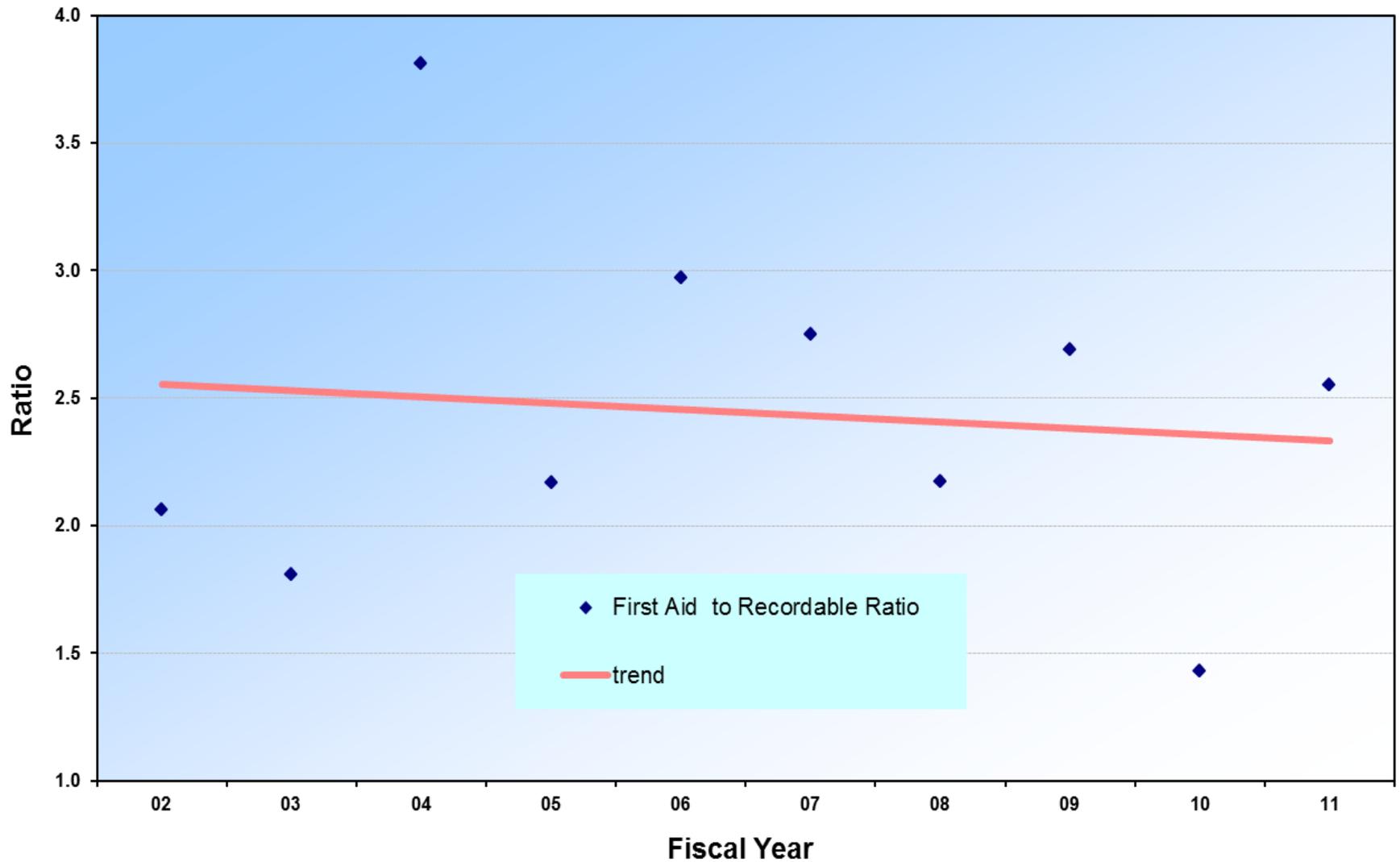
FY 2011 through August 31, 2011



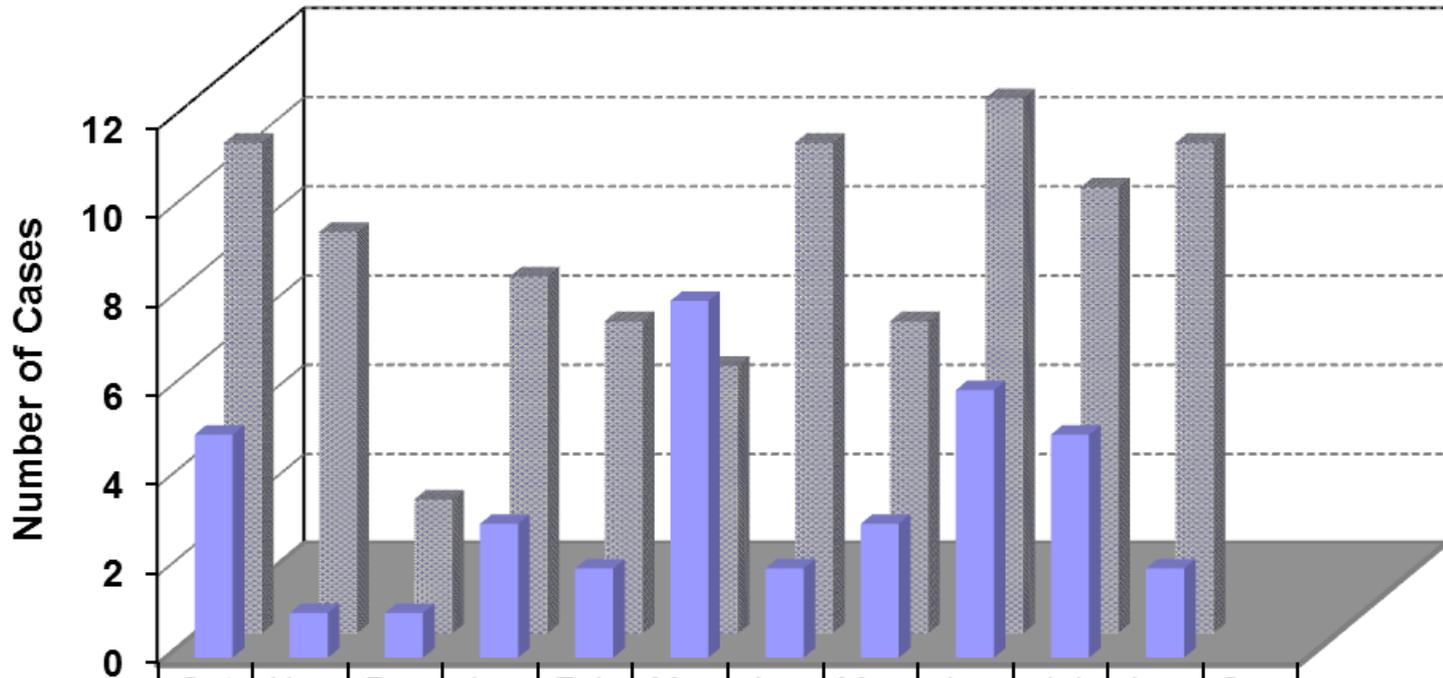
FY2010



First Aid to Recordable Case Ratio through August 31, 2011

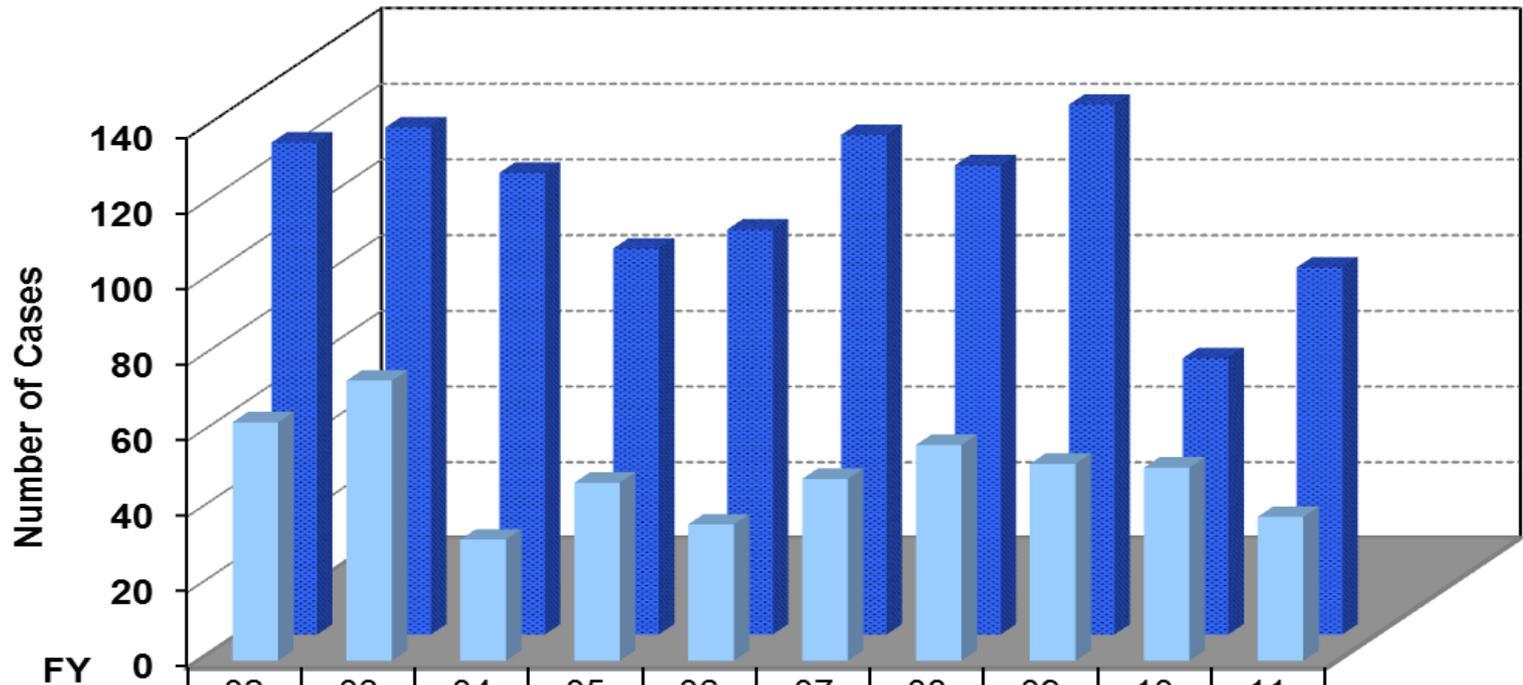


FY2011 First Aid to Recordable Comparison by Month through August 31, 2011



| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ■ REC | 5 | 1 | 1 | 3 | 2 | 8 | 2 | 3 | 6 | 5 | 2 | |
| ■ FA | 11 | 9 | 3 | 8 | 7 | 6 | 11 | 7 | 14 | 10 | 11 | |
| FA to REC Ratio | 2.2 | 9.0 | 3.0 | 2.7 | 3.5 | 0.8 | 5.5 | 2.3 | 2.3 | 2.0 | 5.5 | |
| % of Total as FA | 69 | 90 | 75 | 73 | 78 | 43 | 85 | 70 | 70 | 67 | 85 | |
| % of Total as REC | 31 | 10 | 25 | 27 | 22 | 57 | 15 | 30 | 30 | 33 | 15 | |

FY02 to FY2011 First Aid to Recordable Comparison by Year through August 31, 2011



| | | | | | | | | | | |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ■ REC | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 |
| ■ FA | 63 | 74 | 32 | 47 | 36 | 48 | 57 | 52 | 51 | 38 |
| FA to REC Ratio | 2.1 | 1.8 | 3.8 | 2.2 | 3.0 | 2.8 | 2.2 | 2.7 | 1.4 | 2.6 |
| % of Total as FA | 67 | 64 | 79 | 68 | 75 | 73 | 69 | 73 | 59 | 72 |
| % of Total as REC | 33 | 36 | 21 | 32 | 25 | 27 | 31 | 27 | 41 | 28 |

LBNL Total Recordable Cases October 1, 2010 - September 30, 2011 (FY11)

| | Oct-10 | Nov-10 | Dec-10 | Jan-11 | Feb-11 | Mar-11 | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Total YTD | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|----|
| LBNL Research | | | | | | | | | | | | | | |
| Computing Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | |
| Computational Research | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | |
| NERSC Center | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| General Sciences | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | |
| AFRD | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Engineering | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 0 | 0 | 1 | |
| Life & Environmental Sciences | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | |
| Earth Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | |
| Genomics | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Life Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | |
| Physical Sciences | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | |
| ALS | 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 | |
| Environmental Energy Tech. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Materials Sciences | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | |
| Physical Biosciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LBNL Research Sub-Total | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 3 | 0 | 2 | 0 | 11 | |
| LBNL Support | | | | | | | | | | | | | | |
| Environment, Health & Safety | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Facilities | 1 | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 3 | 4 | 0 | 0 | 14 | |
| Human Resources | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Information Technology | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | |
| Public Affairs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| CFO | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | |
| Directorate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LBNL Support Sub-Total | 2 | 1 | 0 | 2 | 1 | 7 | 1 | 3 | 3 | 4 | 0 | 0 | 24 | |
| LBNL Total | 3 | 1 | 1 | 3 | 2 | 8 | 2 | 3 | 6 | 4 | 2 | 0 | 35 | |
| LBNL Construction | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | |
| LBNL Service Subcontractors | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| Site Grand Total | 5 | 1 | 1 | 3 | 2 | 8 | 2 | 3 | 6 | 5 | 2 | 0 | 38 | |
| <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+ | | | | | 28 |

Data as of 8/31/11

Notes: Projections assume that hours worked will remain constant

LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2010 - September 30, 2011 (FY11)

| | Oct-10 | Nov-10 | Dec-10 | Jan-11 | Feb-11 | Mar-11 | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | 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 |
| NERSC Center | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| General Sciences | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| AFRD | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 2 |
| 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 |
| Life & Environmental Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Earth Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 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 Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALS | 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 |
| 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 |
| Physical Biosciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LBNL Research Sub-Total | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 3 |
| LBNL Support | | | | | | | | | | | | | |
| Environment, Health & Safety | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Facilities | 1 | 0 | 0 | 0 | 0 | 2 | 1 | 2 | 3 | 3 | 0 | 0 | 12 |
| 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 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Directorate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LBNL Support Sub-Total | 2 | 0 | 0 | 0 | 0 | 3 | 1 | 2 | 3 | 3 | 0 | 0 | 14 |
| LBNL Total | 2 | 0 | 0 | 1 | 0 | 3 | 2 | 2 | 4 | 3 | 0 | 0 | 17 |
| LBNL Construction | 0 | 1 | 0 | 0 | 1 |
| LBNL Service Subcontractors | 1 | 0 | 1 |
| Site Grand Total | 3 | 0 | 0 | 1 | 0 | 3 | 2 | 2 | 4 | 4 | 0 | 0 | 19 |
| <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 8/31/11

Notes: Projections assume that hours worked will remain constant