

Berkeley Lab Accident Statistics Through November 30, 2010

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.

While every effort is made to present accurate and final data, data may change in subsequent months, as additional information becomes available and as later developments change the recordability of some cases.

Refer questions about these charts to rwwfisher@lbl.gov

Narrative of November 2010 Injury/Illness Cases

- Principal Subcontracts Administrator – Abrasion right hand
 - While walking, the employee was looking back over the right shoulder toward the Bevatron demolition project. The employee did not see the curb edge, faltered with the step down, and fell to the pavement, breaking the fall with hands and controlled body motion.

Narrative of November 2010 Injury/Illness Cases

- Safety Engineer/Specialist 4 – Sprain / strain of knee and back
 - Slipped on wet floor in cafeteria where spill had been cleaned up but was still wet. The area was not well demarcated or barricaded with clear definition of the hazardous area.
- Principal Scientific Engineering Associate – Contusion to finger
 - The employee was pushing a cart with two empty gas bottles through a doorway. The employee was holding the door open with one hand pushing the cart with the other and ran into a shelf injuring finger.

Narrative of November 2010 Injury/Illness Cases

- Secretary III – Strain – Bilateral forearm / upper arm
 - The employee had been performing work which involved significant mouse use. The employee splits the work day evenly between two groups and maintains work stations in 2 buildings. The employee performs administrative assignments including scanning documents, formatting documents, some phone use and some database work. The proportion of mouse to keyboard work is typically 60/40. The employee did not have previous discomfort in the upper extremities prior to this assignment.

Narrative of November 2010 Injury/Illness Cases

- Chemist Divisional Fellow - Strained pelvic region and right thigh
 - The employee and co-worker were adjusting the height of an xyz-stage. There is an existing hoist on the unit but it is currently out of service. The stage weighs 30 to 35 pounds, but one end is heavier than the other. The transfer of the stage required a combination of lifting and a minor rotation of the spinal axis of 10 to 15 degrees. The employee noticed the groin pain just after they completed the transfer.

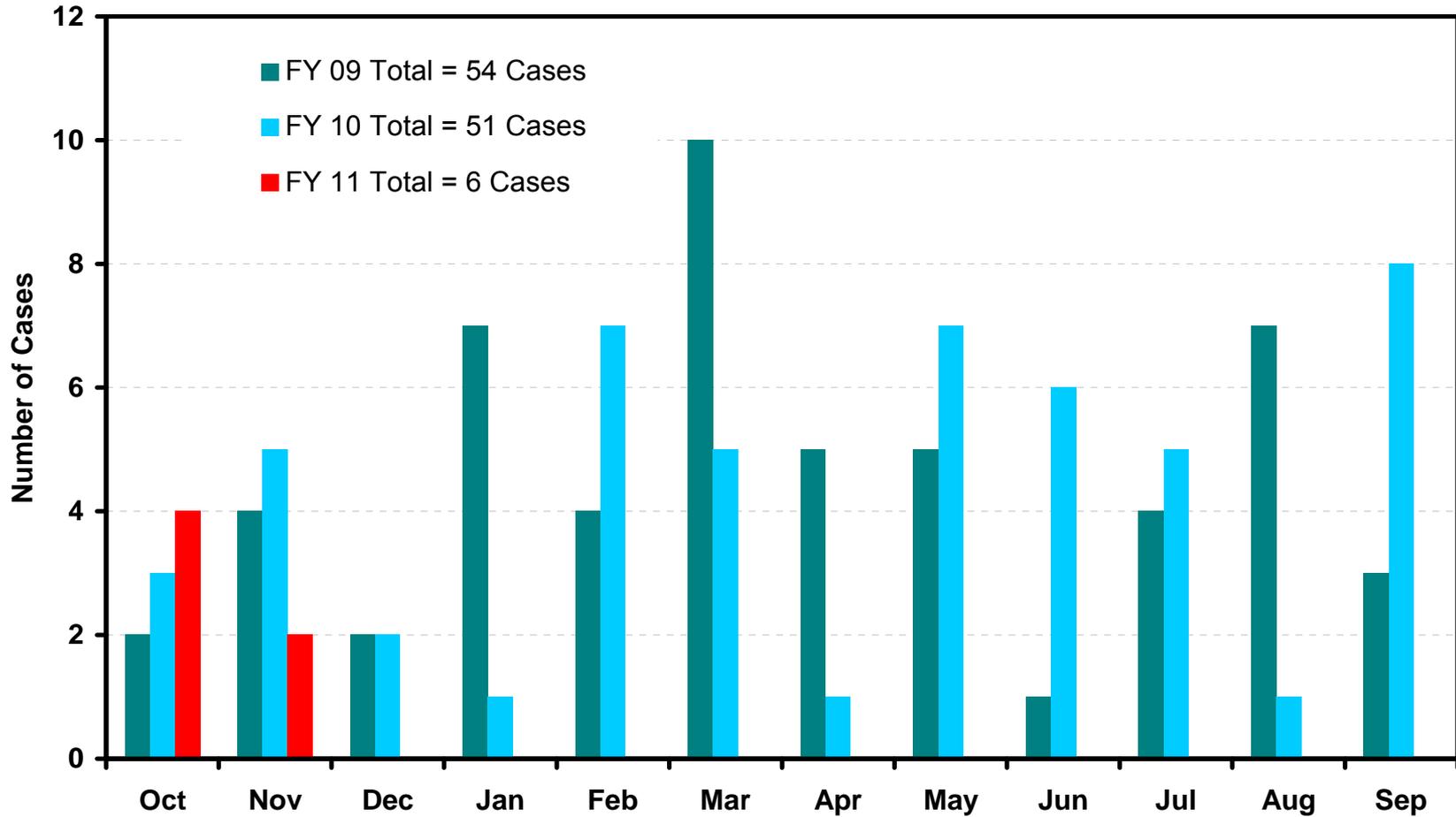
Narrative of November 2010 Injury/Illness Cases

- Student Assistant – Chemical contact
 - The employee was mixing dichloromethane, potassium hydroxide, sodium cyanoborohydride, ammonium acetate and a branched long chain ketone or amine. It became pressurized quicker than expected. The glass stopper popped out of the separatory funnel and the mixture sprayed the employee.

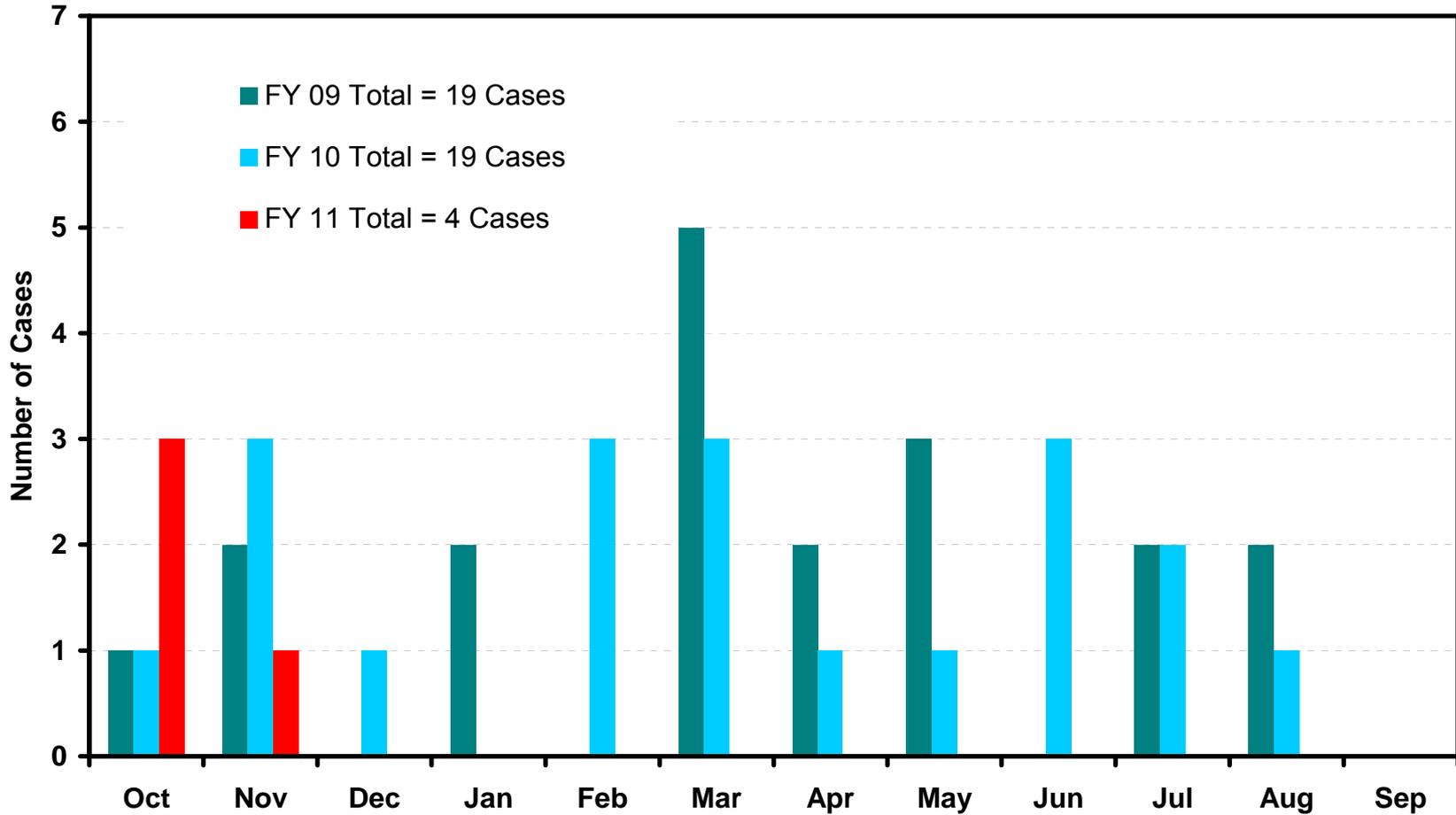
Narrative of November 2010 Injury/Illness Cases

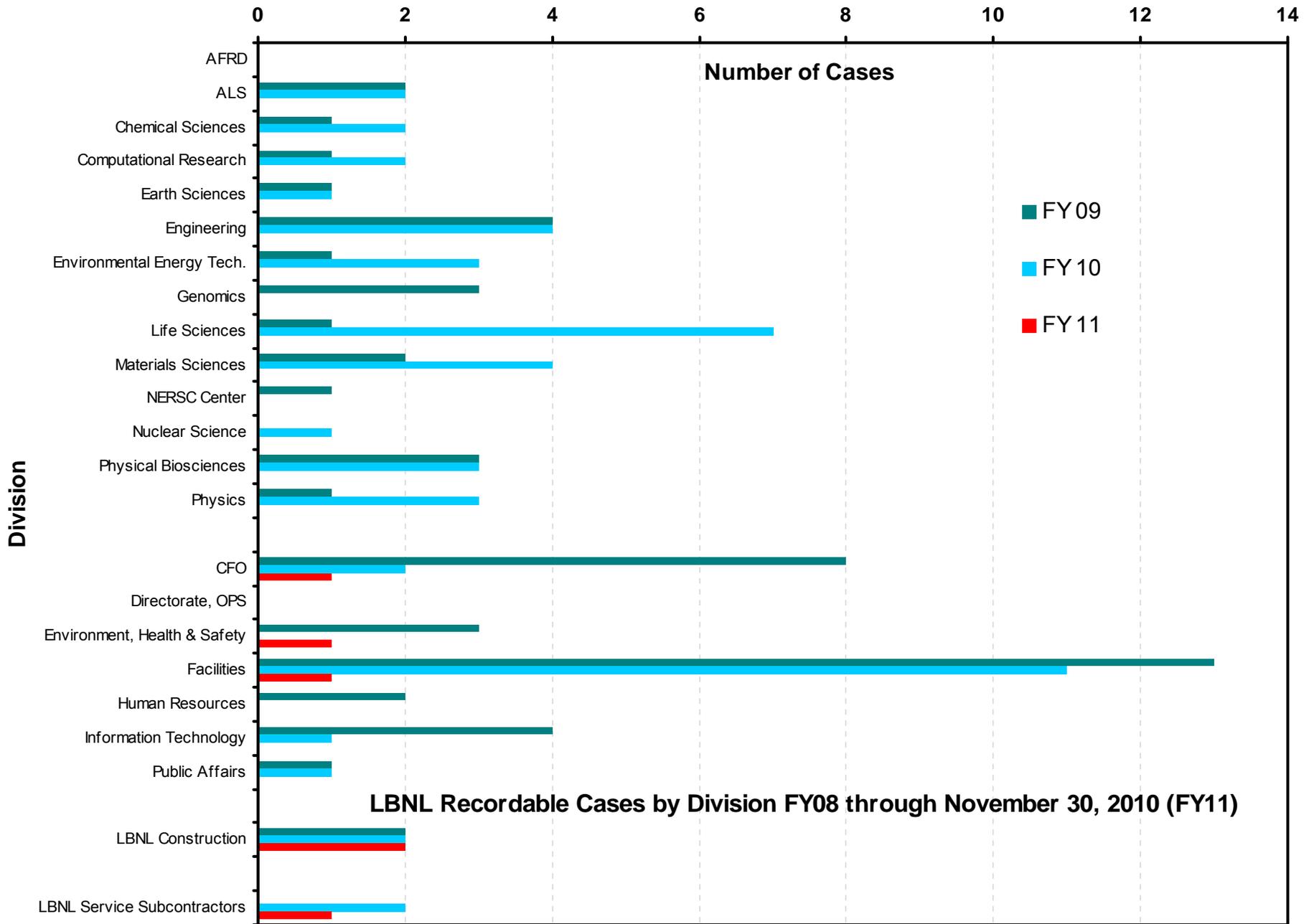
- Research Assistant – Abrasion to left knee joint
 - The employee was walking down the stairs inside building 70A between the 2nd and 3rd floors. The employee tripped, grabbed the rail, and hit head on the wall and then fell onto the left knee causing an abrasion.
- Administrator – Abrasions to knee and fingers
 - The employee was walking along McMillan Road watching for traffic while preparing to cross to walkway. The employee ran into a trailer hitch that was attached to the back of a parked pickup truck. The employee tripped over the hitch and fell.

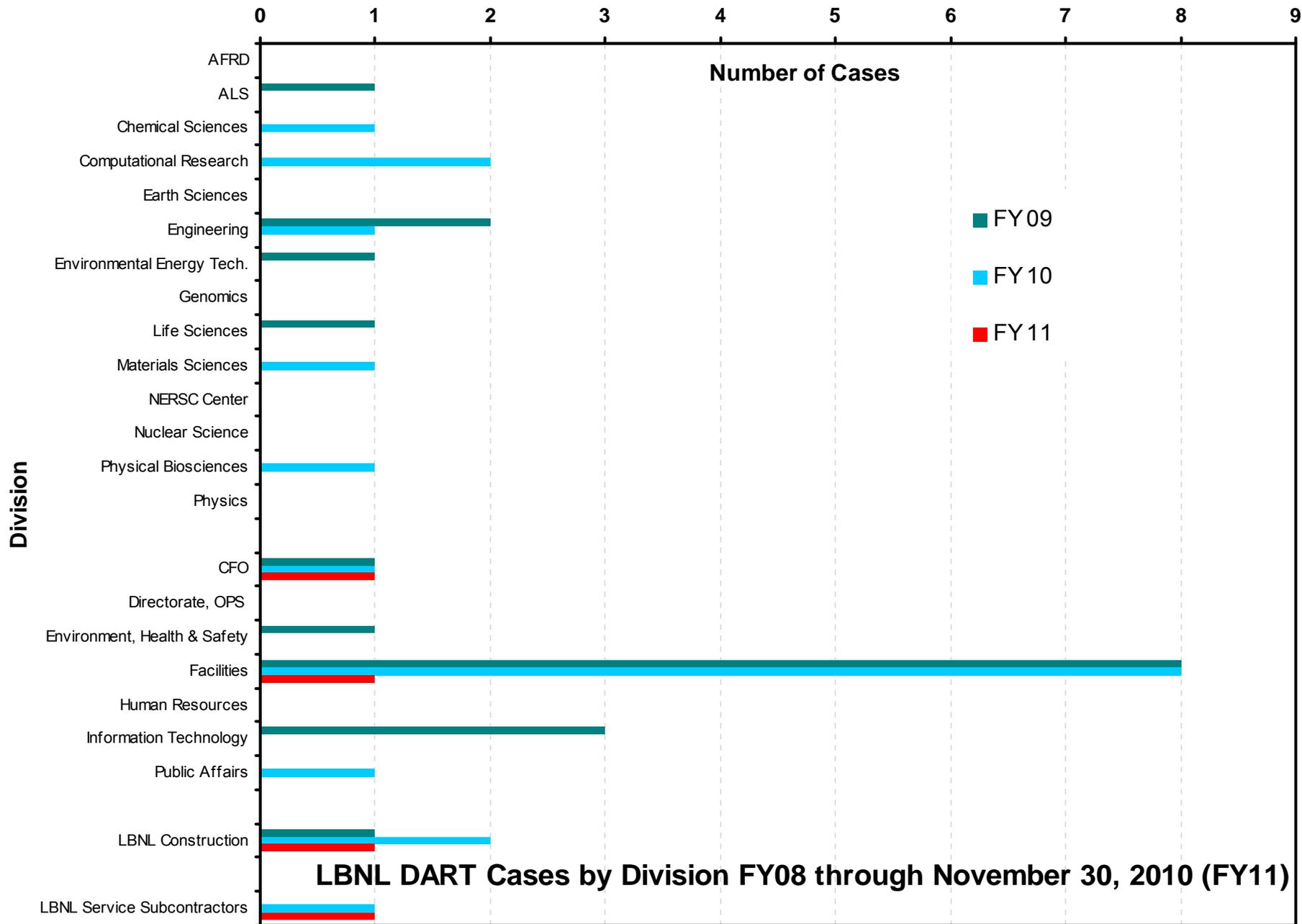
LBL Recordable Cases FY07 through November 30, 2010 (FY11)



LBL DART Cases FY07 through November 30, 2010 (FY11)



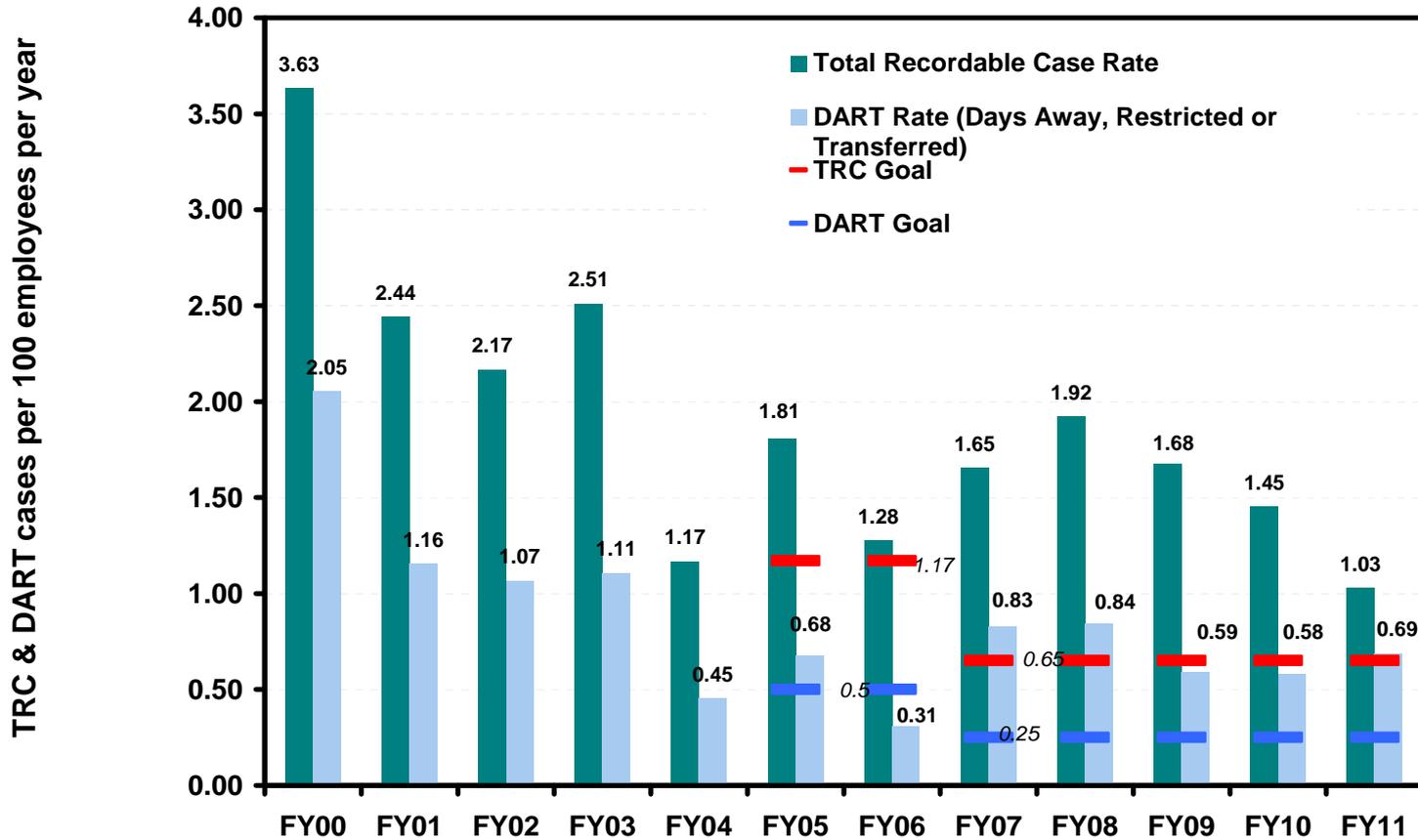




Berkeley Lab Site-Wide TRC & DART Rates

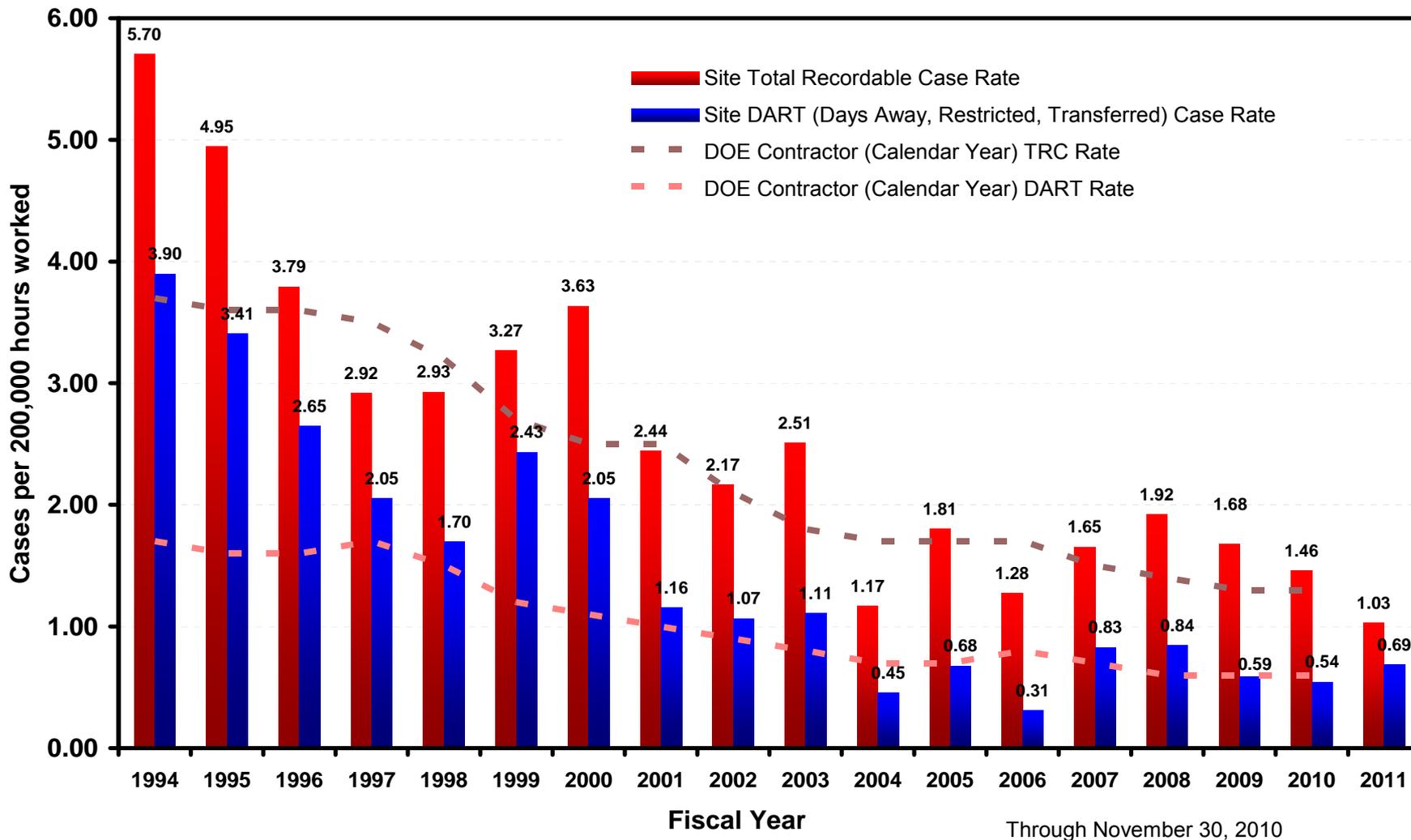
(Includes all Construction and Service Contractors)

Through November 30, 2010

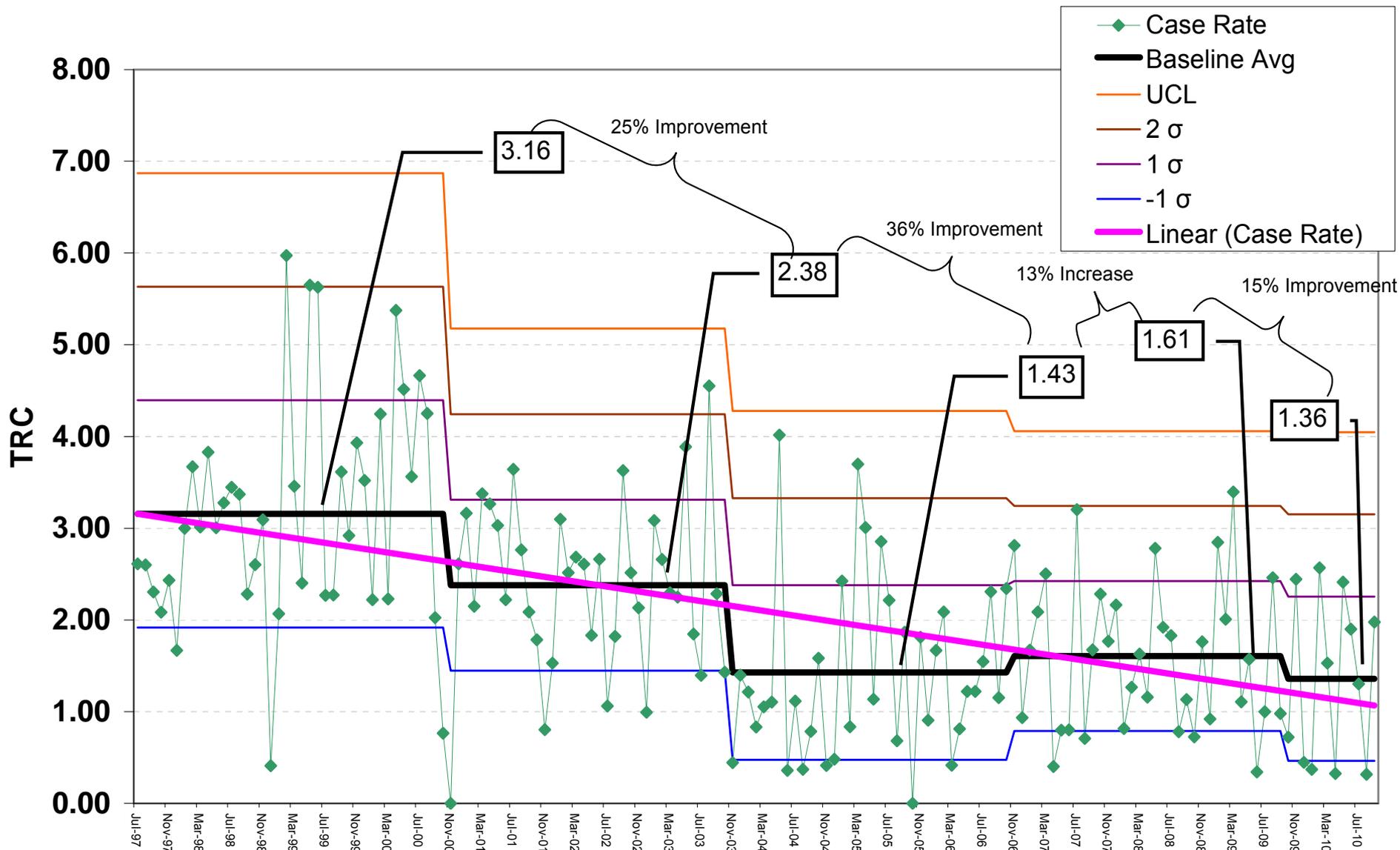


LBNL vs DOE Contractor Rates

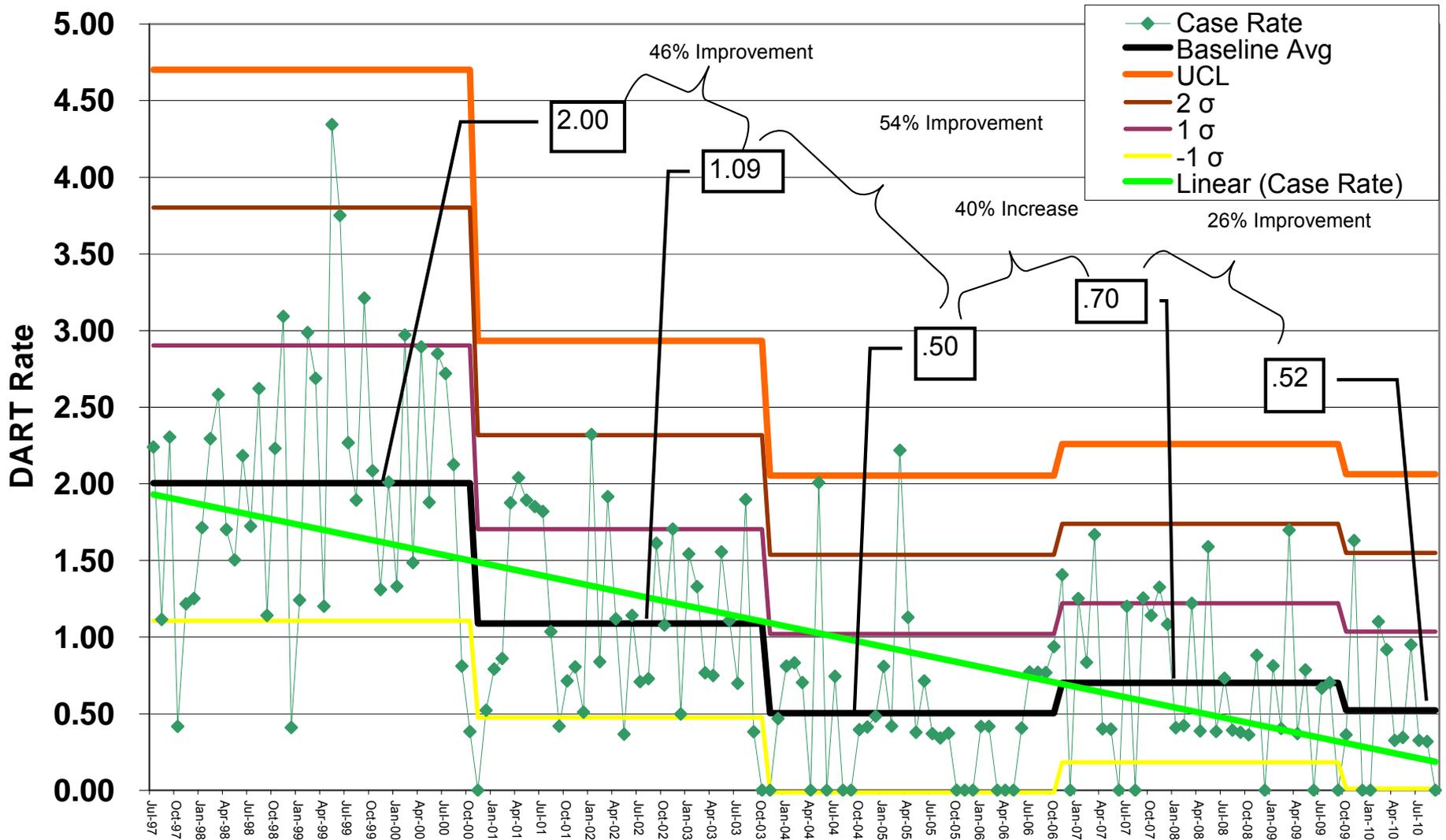
Berkeley Lab Site Accident Rates



TRC July '97 to September '10 Triennial Baselineing

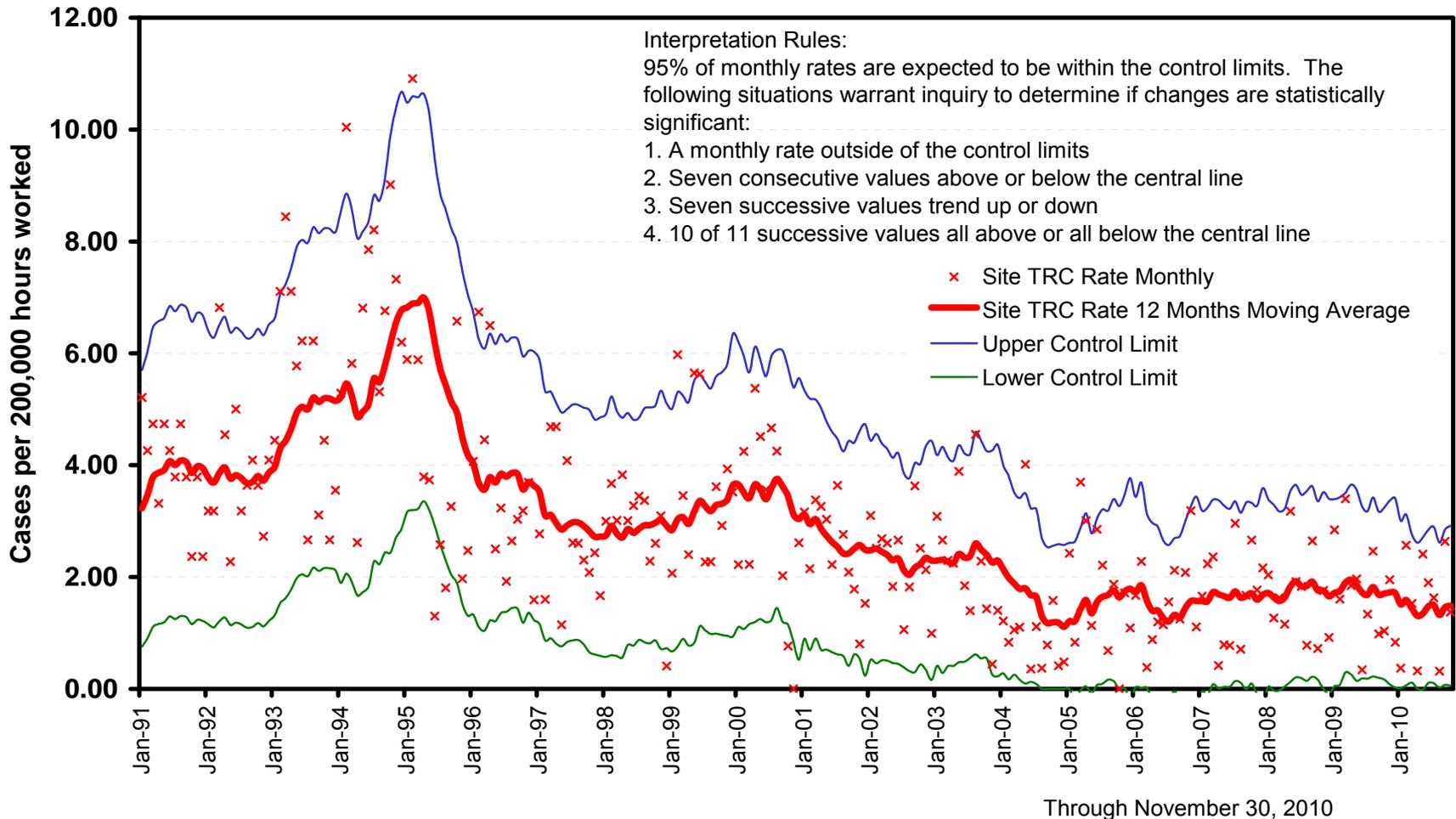


DART Rates Jul 97 to September 10 Triennial Baselineing



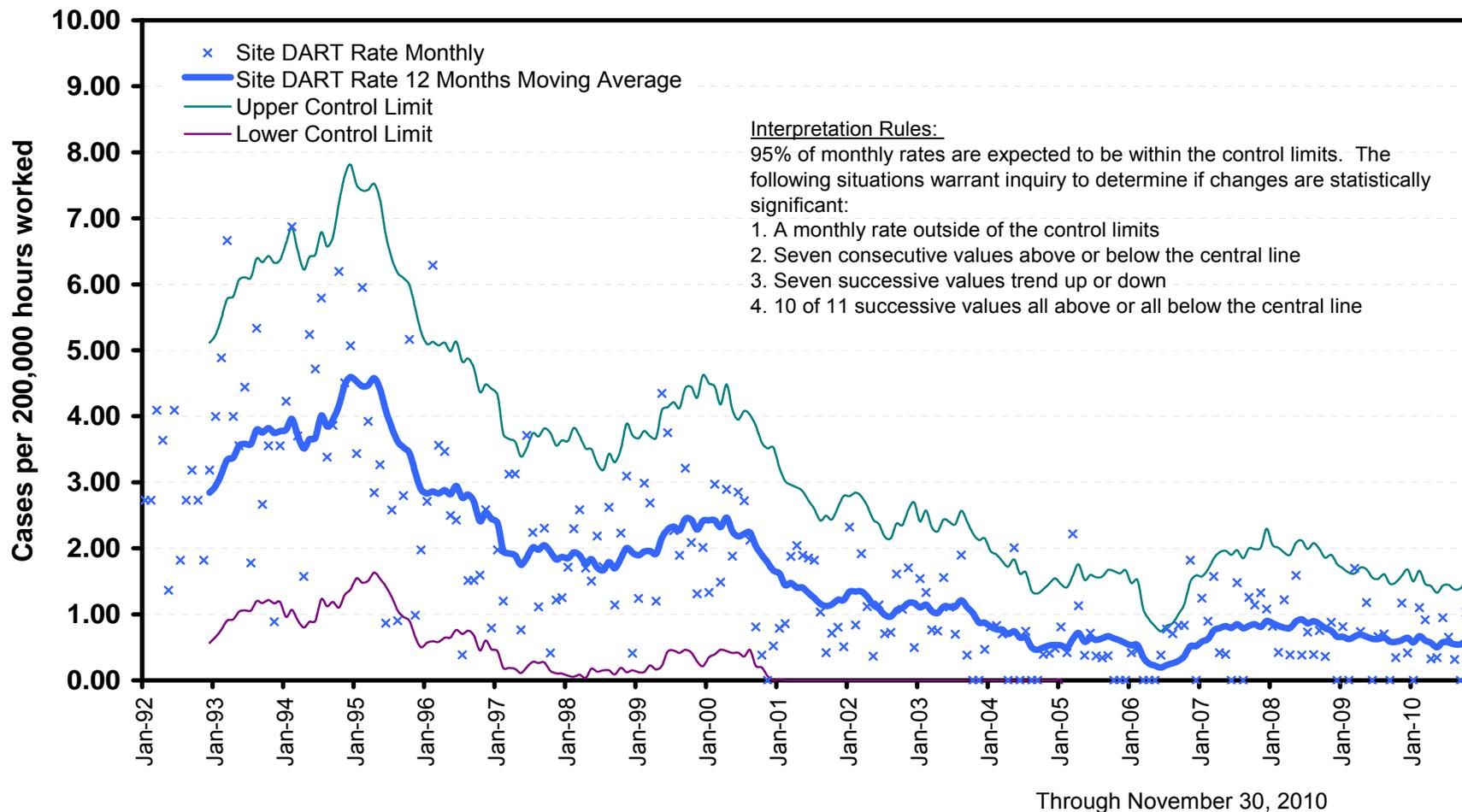
Long Term Injury Rates - TRC

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



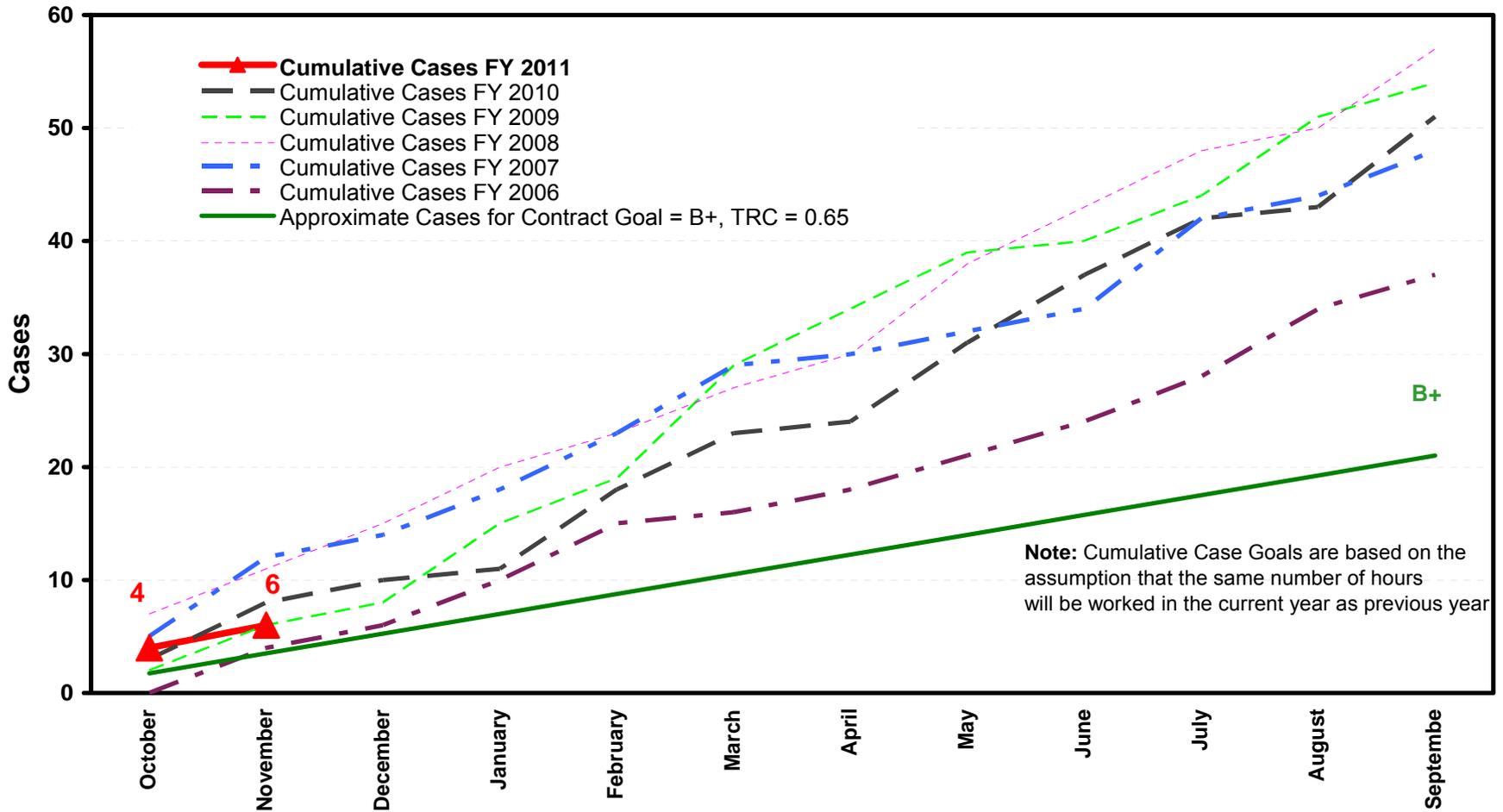
Long Term Injury Rates - DART

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



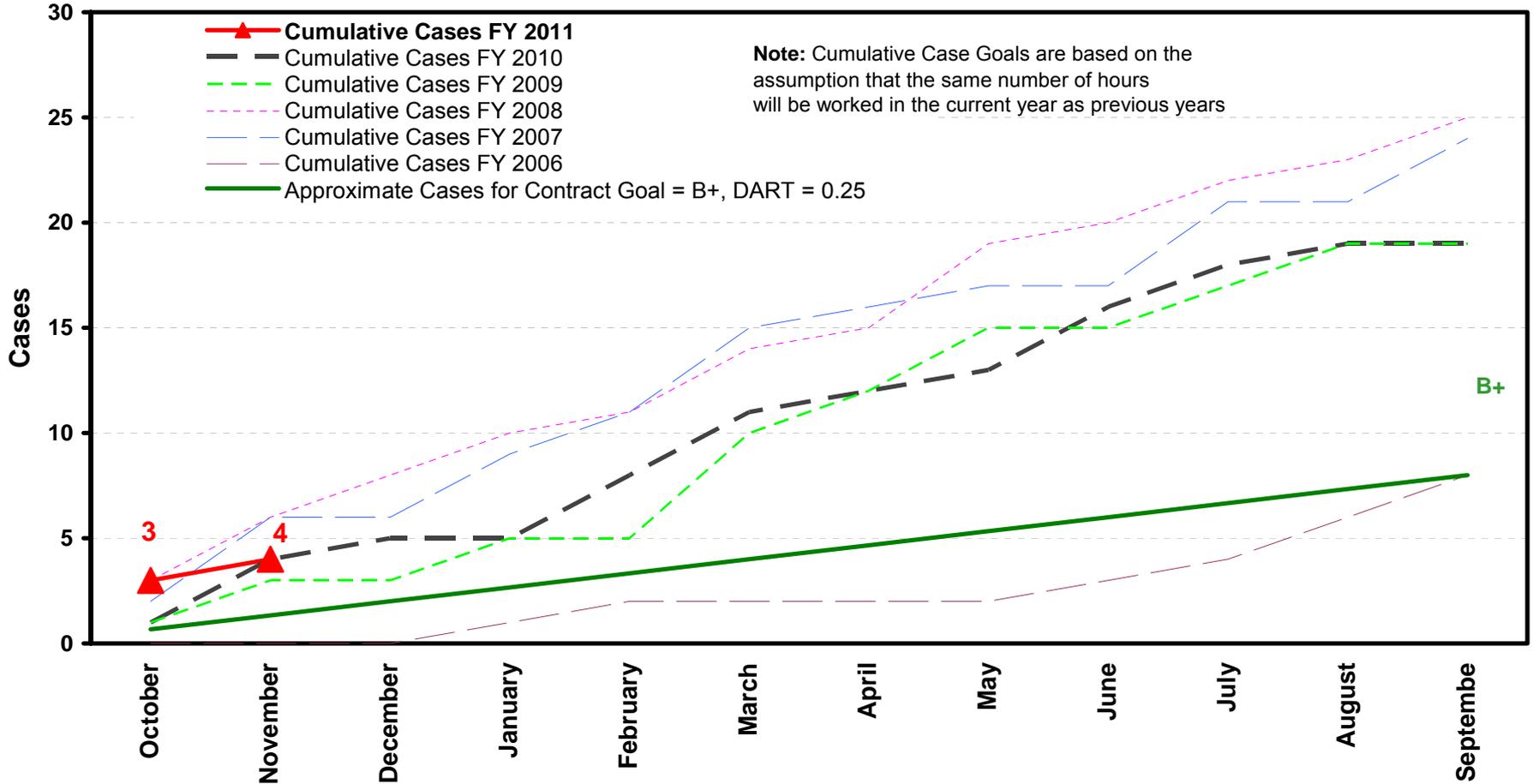
Performance vs Contract Goals - TRC

Berkeley Lab and Contractors
Cumulative Total Recordable Cases
By Fiscal Year

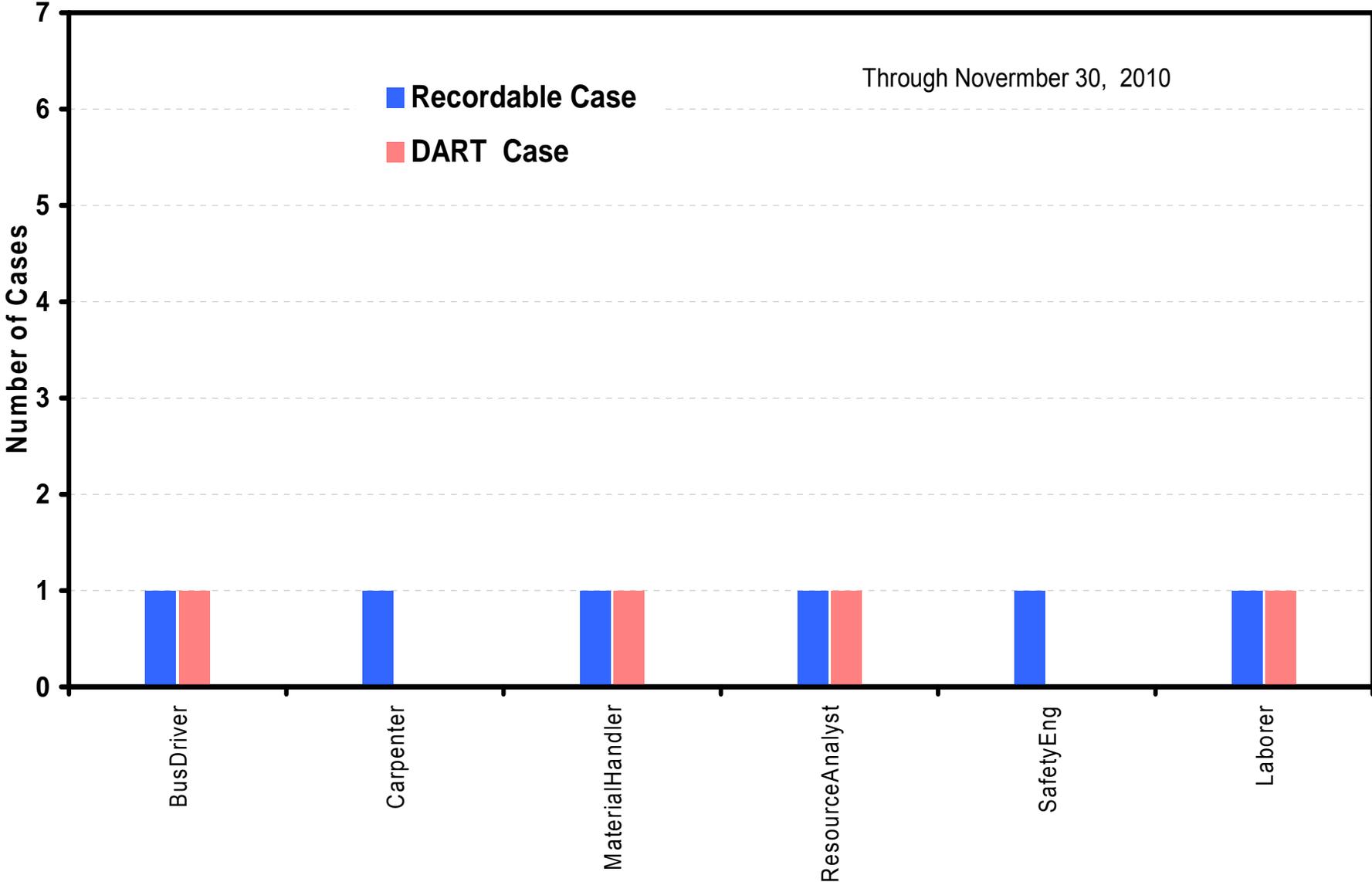


Performance vs Contract Goals - DART

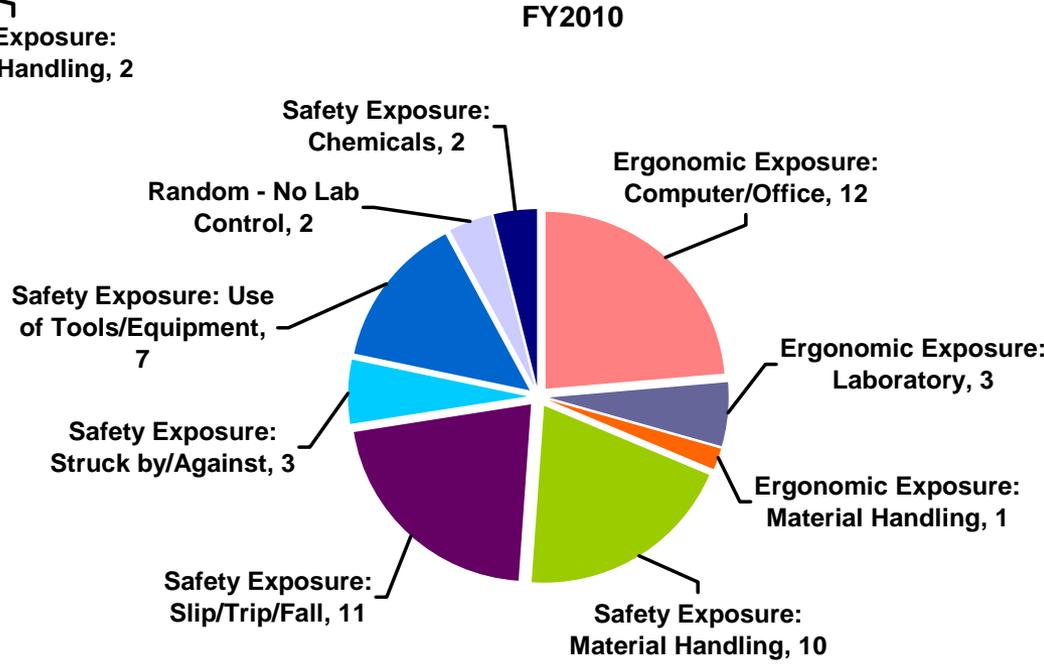
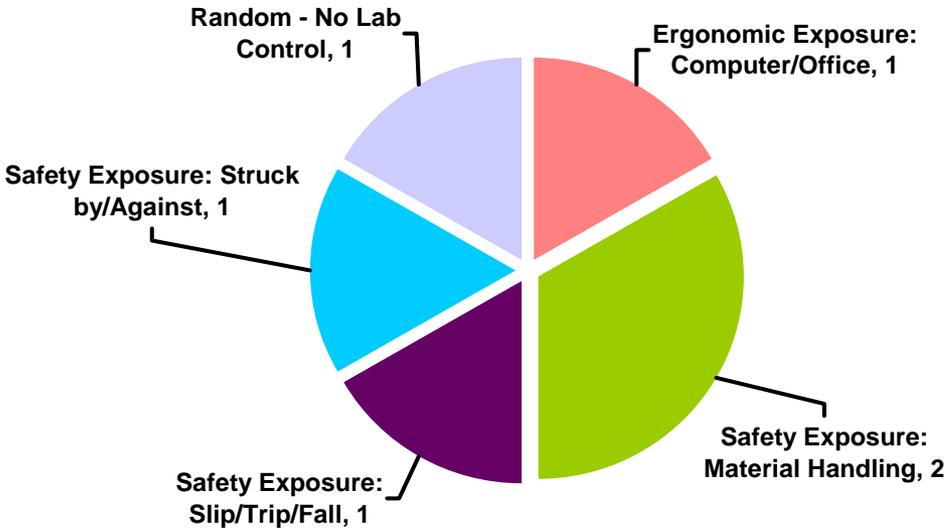
Berkeley Lab and Contractors
 Cumulative DART (Days Away, Restricted, Transferred) Cases
 By Fiscal Year



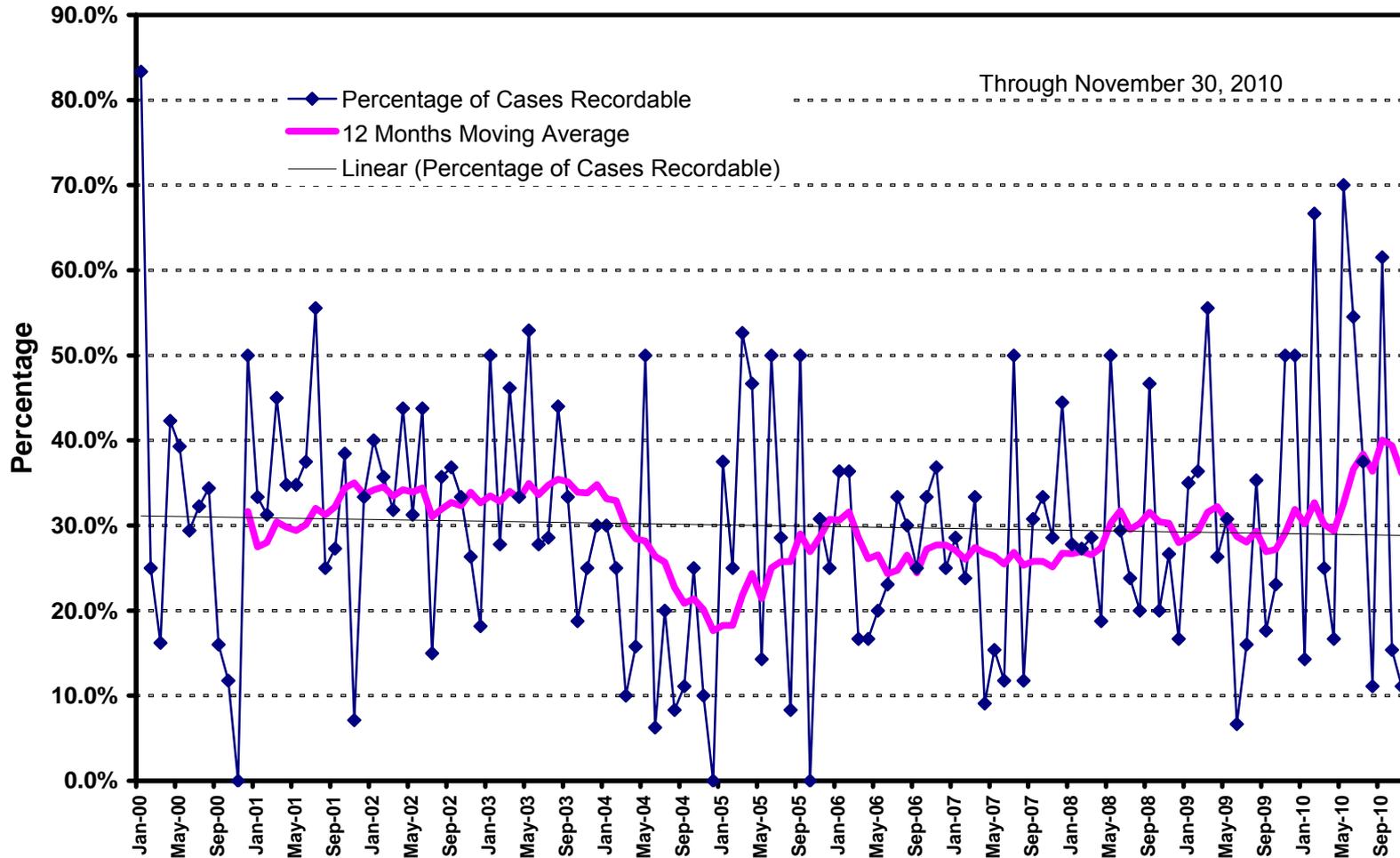
Recordable and DART Cases by Job Classification FY11



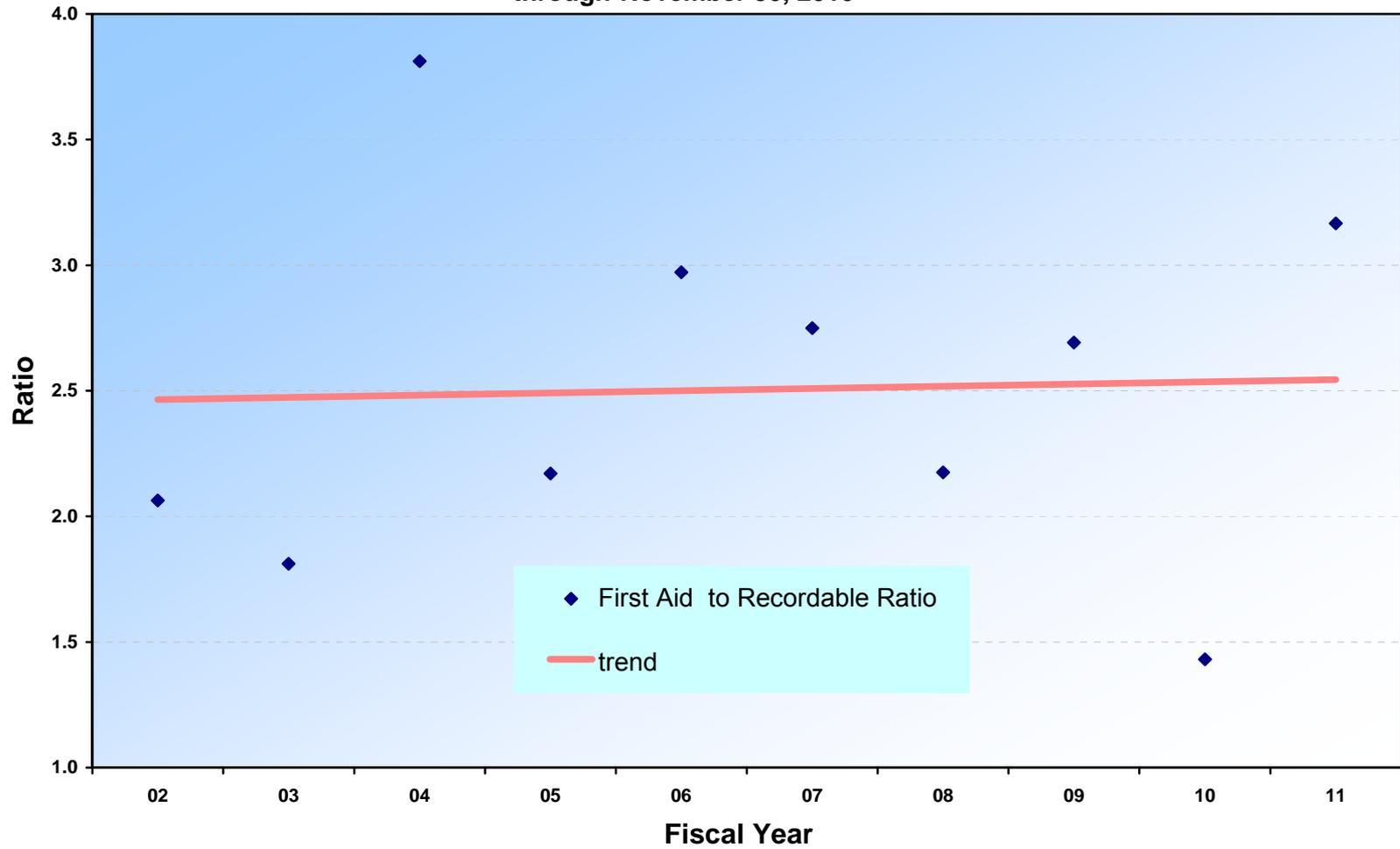
Recordable Injury Categories and Causes FY2011 through November 30, 2010



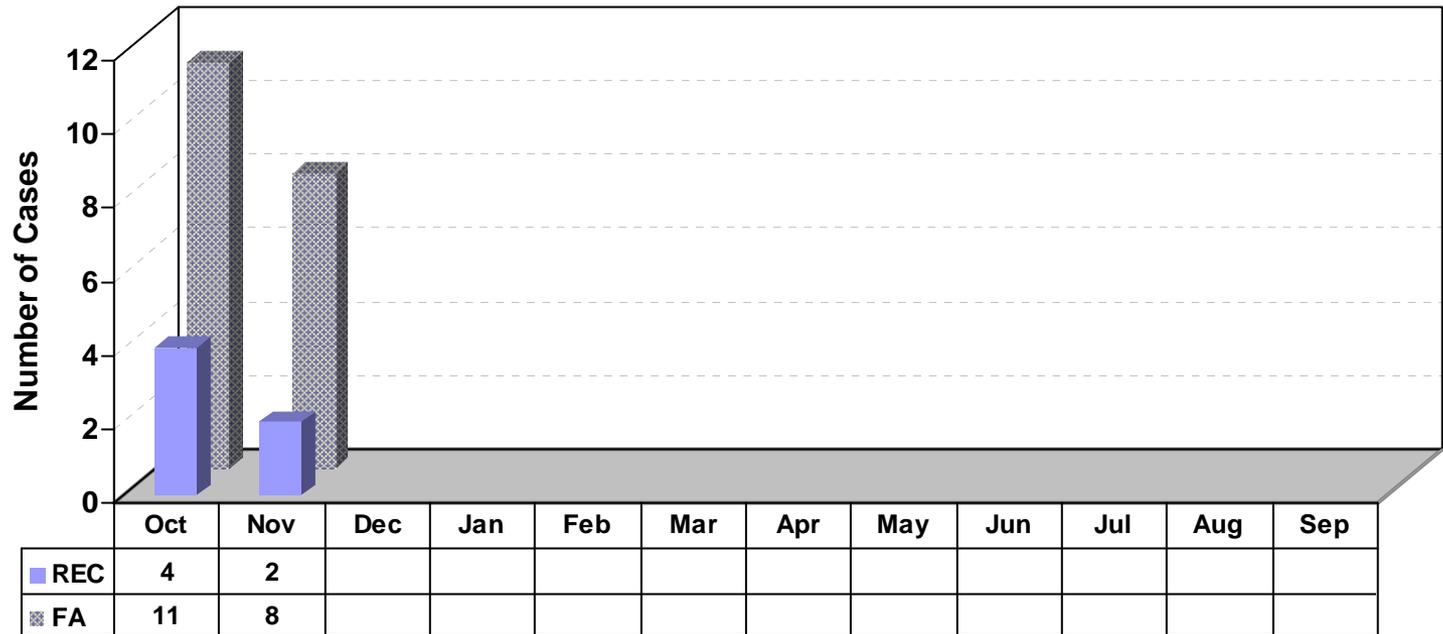
Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000



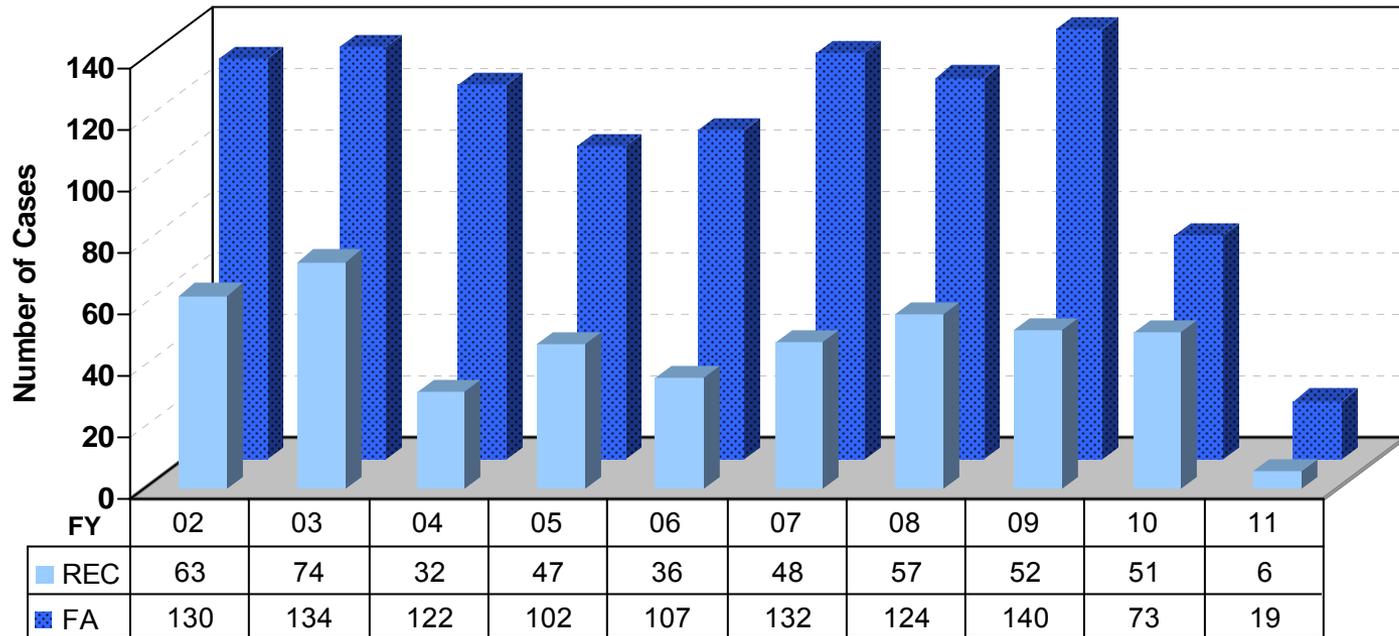
First Aid to Recordable Case Ratio through November 30, 2010



FY2011 First Aid to Recordable Comparison through November 30, 2010



FY02 to FY2011 First Aid to Recordable Comparison through November 30, 2010



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 | 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 | 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 |
| Life & Environmental 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 |
| 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 |
| LBNL Support | | | | | | | | | | | | | |
| Environment, Health & Safety | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 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 |
| Public Affairs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CFO | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Directorate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LBNL Support Sub-Total | 2 | 1 | 0 | 3 |
| LBNL Total | 2 | 1 | 0 | 3 |
| LBNL Construction | 1 | 1 | 0 | 2 |
| LBNL Service Subcontractors | 1 | 0 | 1 |
| Site Grand Total | 4 | 2 | 0 | 6 |
| <i>Prior Year (FY10) Site Grand Total</i> | 3 | 5 | 2 | 1 | 7 | 5 | 1 | 7 | 6 | 5 | 1 | 8 | 51 |
| <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 11/30/10

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 | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |
| 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 |
| Life & Environmental Sciences | | | | | | | | | | | | | |
| Earth Sciences | 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 Sciences | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | |
| LBNL Support | | | | | | | | | | | | | |
| Environment, Health & Safety | 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 |
| Public Affairs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CFO | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Directorate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LBNL Support Sub-Total | | | | | | | | | | | | | |
| LBNL Total | | | | | | | | | | | | | |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| LBNL Construction | | | | | | | | | | | | | |
| | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| LBNL Service Subcontractors | | | | | | | | | | | | | |
| | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Site Grand Total | | | | | | | | | | | | | |
| | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| <i>Prior Year (FY10) Site Grand Total</i> | 1 | 3 | 1 | 0 | 3 | 3 | 1 | 1 | 3 | 2 | 1 | 0 | 19 |
| <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 11/30/10

Notes: Projections assume that hours worked will remain constant