

Berkeley Lab Accident Statistics Through June 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 June 2010 Recordable Injury Cases

- Custodian – Shoulder strain
 - Use of a wet vacuum with worn rollers caused strain of shoulder region.
- Custodian – Contusion of thumb
 - Due to construction site activity, the walkway was constricted and obstructed. Movement of the refuse barrel on the walkway became awkward and difficult to manage causing the thumb to be caught between the building wall and the barrel.

Narrative of June 2010 Recordable Injury Cases

- Program Manager – Contusion of face and head
 - While walking on the stepping stone pathway (overgrown by the adjacent trees and bushes) leading to the ‘patio’ area between B62 and B66 the employee tripped and fell. The employee’s head struck a stepping stone.
- Program Manager – Repetitive strain of hands and forearms
 - While using desk and laptop computers for 8 to 10 hours per day at work and then additionally at home. Increased mousing requirements due to type of work.

Narrative of June 2010 Recordable Injury Cases

- Program Manager – Repetitive strain hand and wrist
 - While using laptop and desktop computers.
 - Frequent travel and extensive laptop use.
- Administrator – Strain / sprain of upper arm
 - While attempting to move an older typewriter from atop a shelf unit to place under a work table, the weight was more than expected. Sudden shift in position and weight of load led to a sharp back pain. The employee's kinetic reaction led to the upper arm injury.

Narrative of June 2010 First Aid Cases

- Safety Engineering Specialist – Minor hand laceration
 - The self-closing door of a chemical storage cabinet struck employee's hand while sliding a tray into the cabinet.
- Scientific Engineering Associate – Low voltage shock
 - The employee sensed a slight shock when his left hand touched both the metallic table surface and a terminal strip mounted on the table. – THIS IS A REPORT OF SHOCK ONLY - No treatment required – below hazard level.

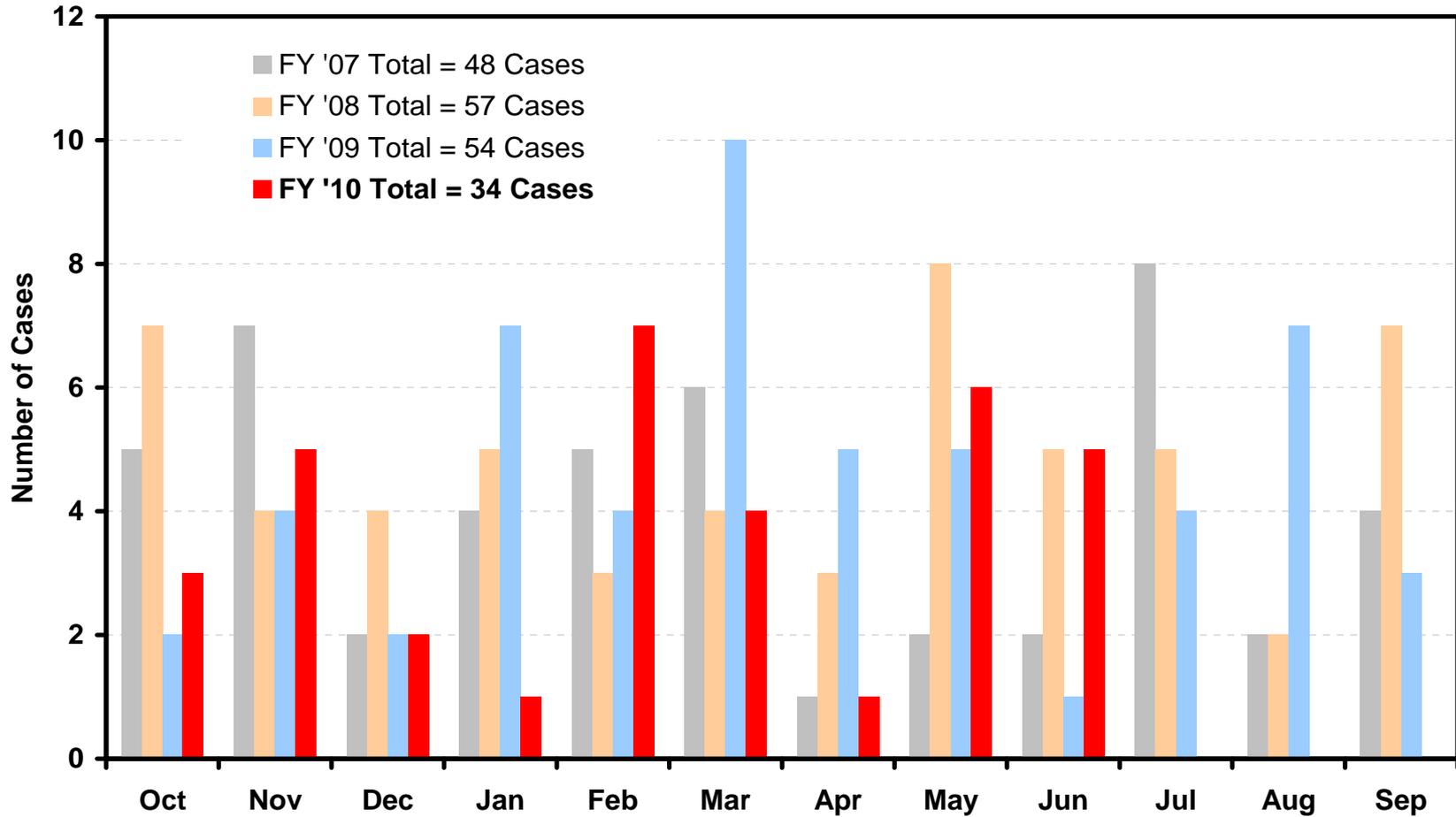
Narrative of June 2010 First Aid Cases

- Chemist Postdoctoral Fellow – Eye Irritation, chemical
 - A 2” x 15” glass column shattered while using house air to pressurize it. Methylene chloride and 3% methanol sprayed into both eyes and onto the face. The employee also fell to the floor and sustained a small laceration on the right forearm. The employee used the lab’s emergency eyewash for 20 minutes before being treated at the ER.

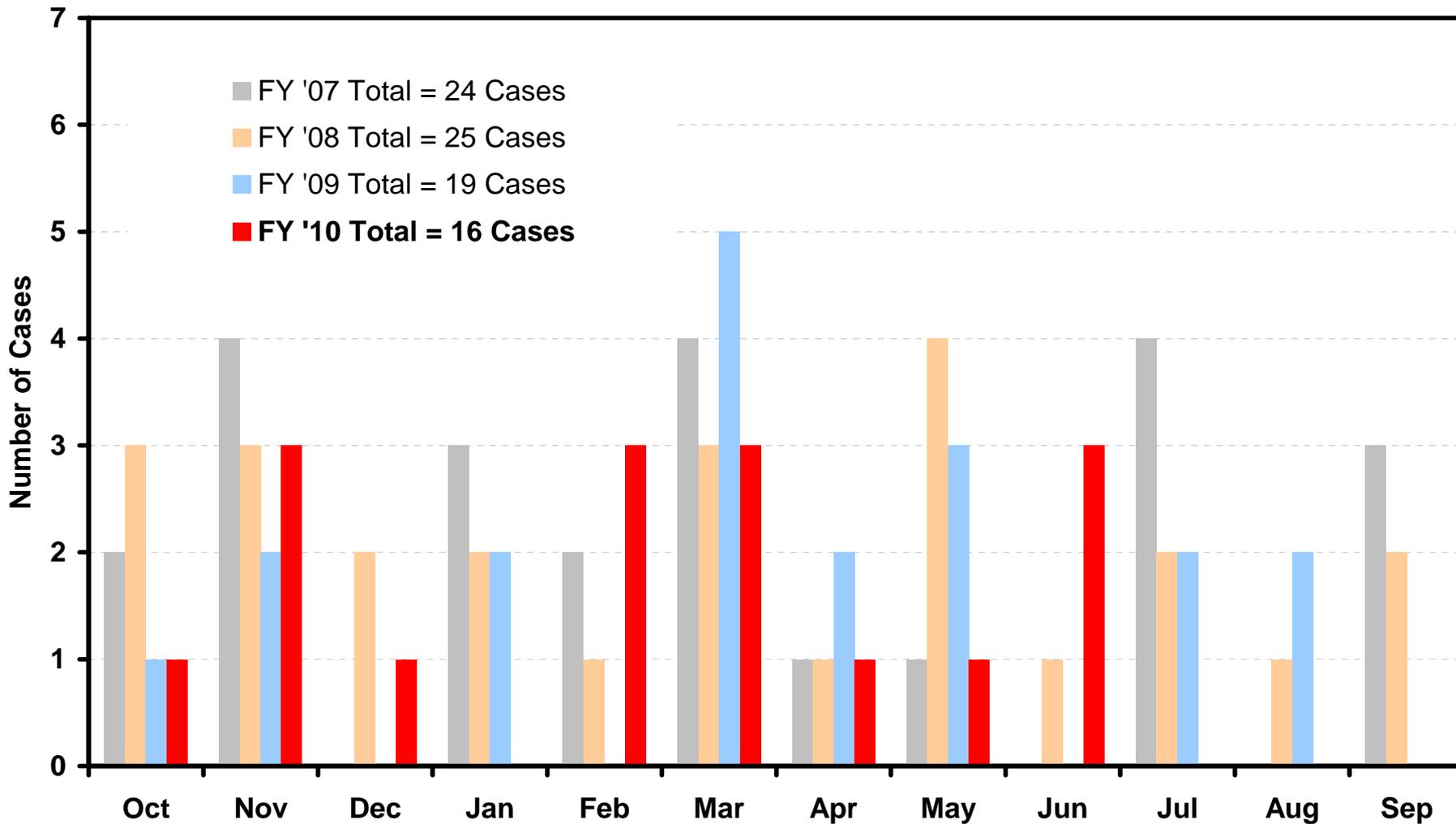
Narrative of June 2010 First Aid Cases

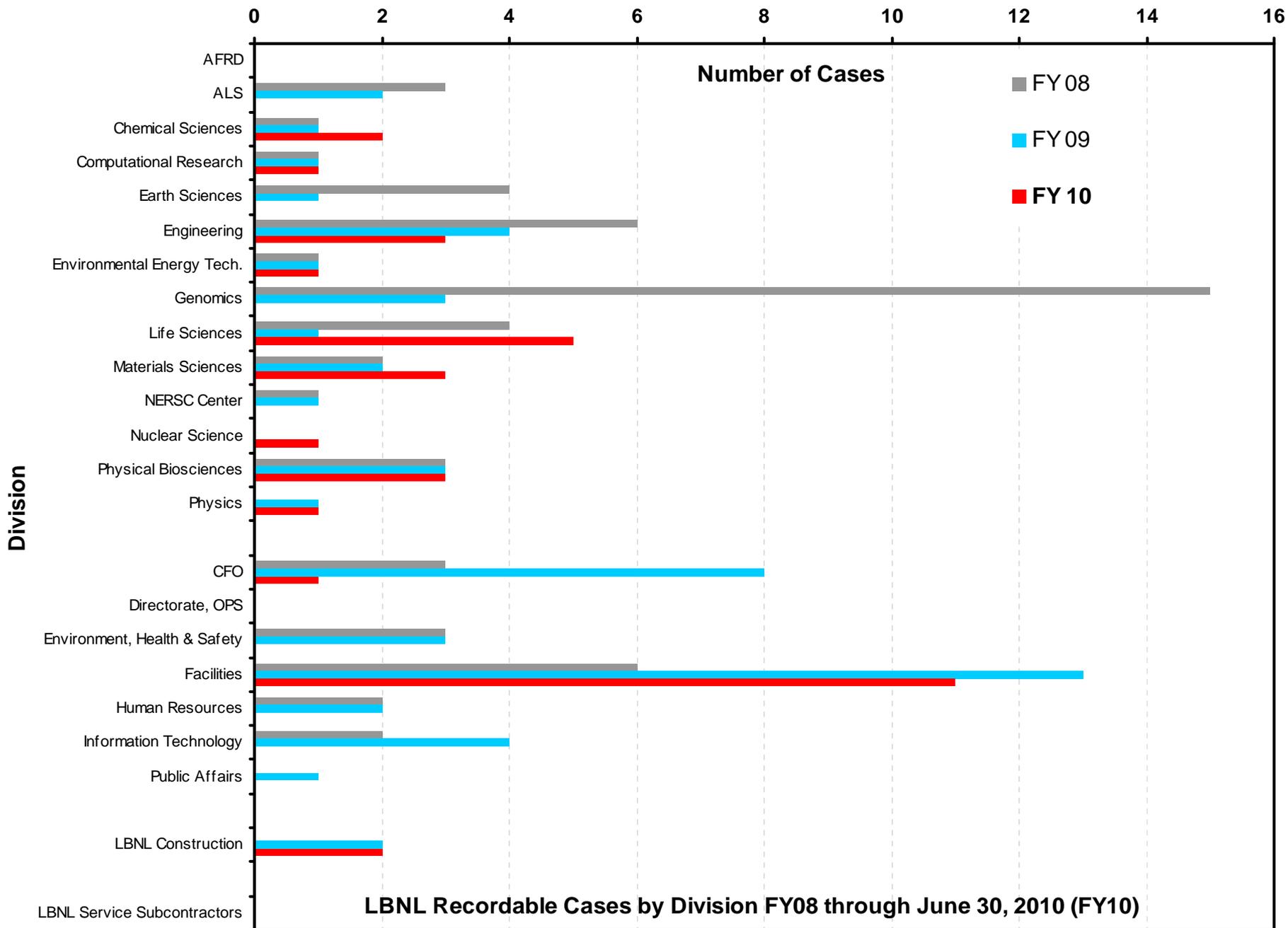
- Human Resources Assistant – Repetitive strain hand and forearm
 - The employee was engaged in a special project using mouse intensive software.
- Truck Driver – Contusion of finger
 - While stepping down out of the cab of the truck and closing the door the driver's hand was struck by the closing door pinching the right middle finger.

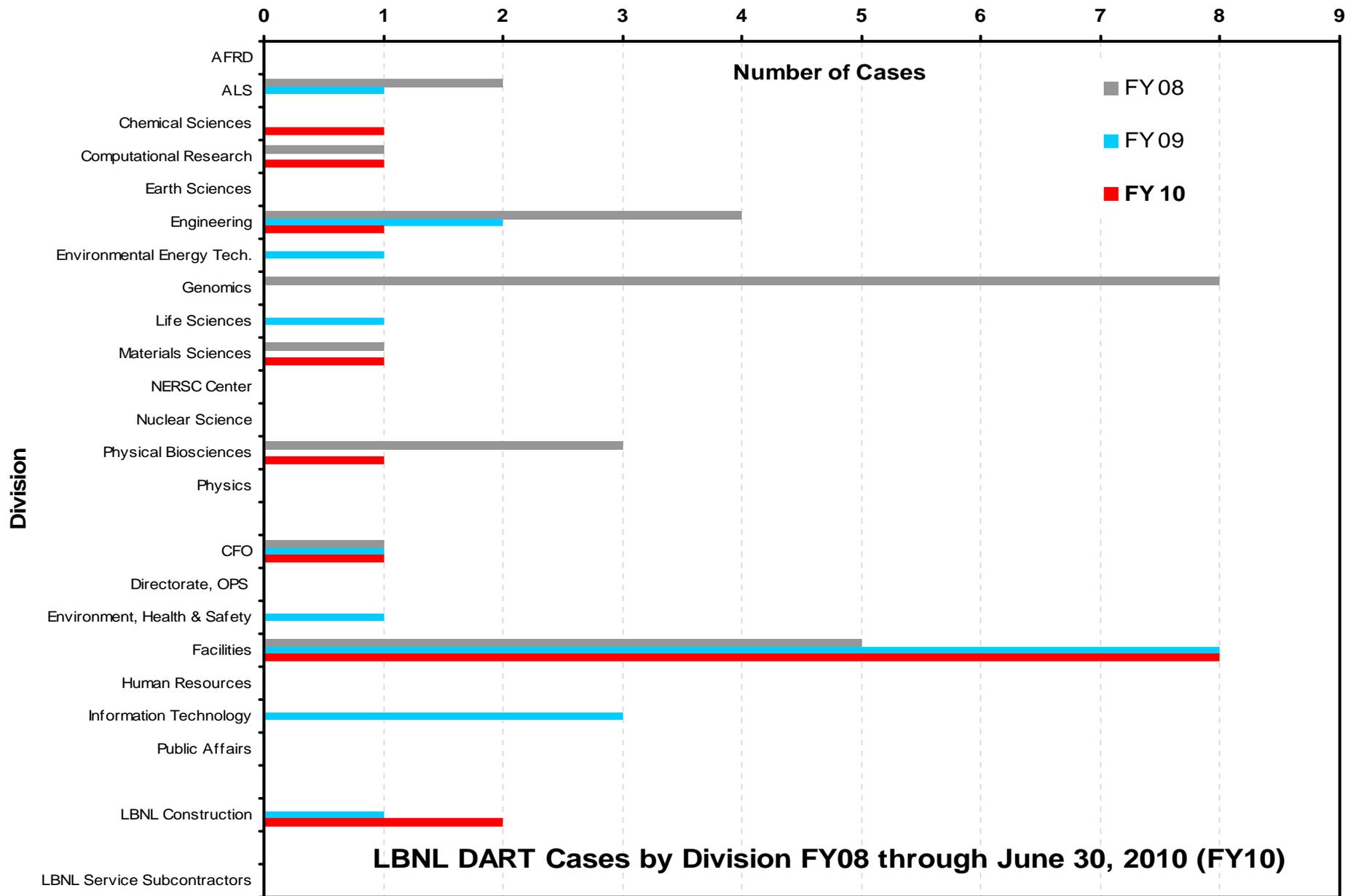
LBL Recordable Cases FY07 through June 30, 2010 (FY10)



LBL DART Cases FY07 through June 30, 2010 (FY10)





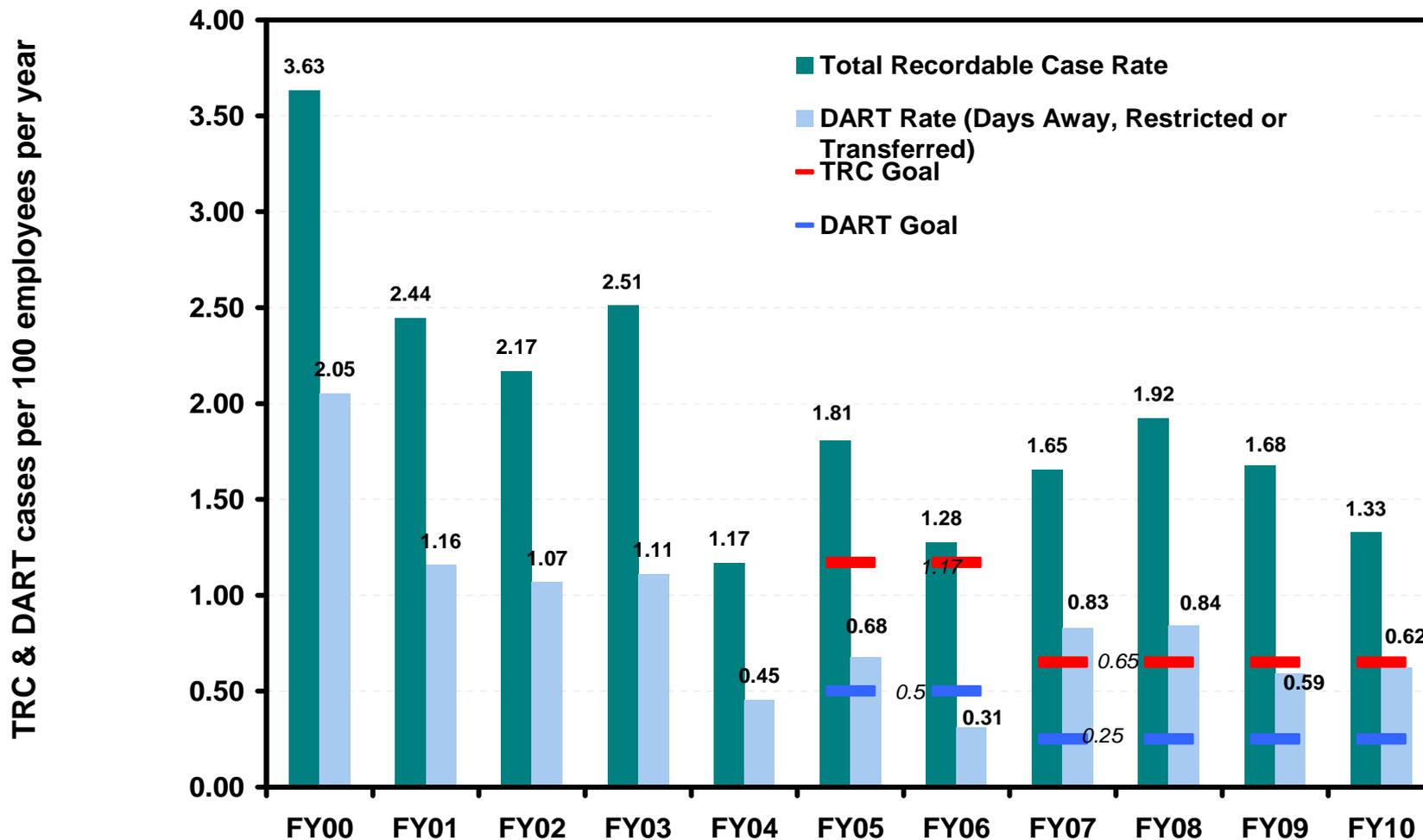


LBNL DART Cases by Division FY08 through June 30, 2010 (FY10)

Berkeley Lab Site-Wide TRC & DART Rates

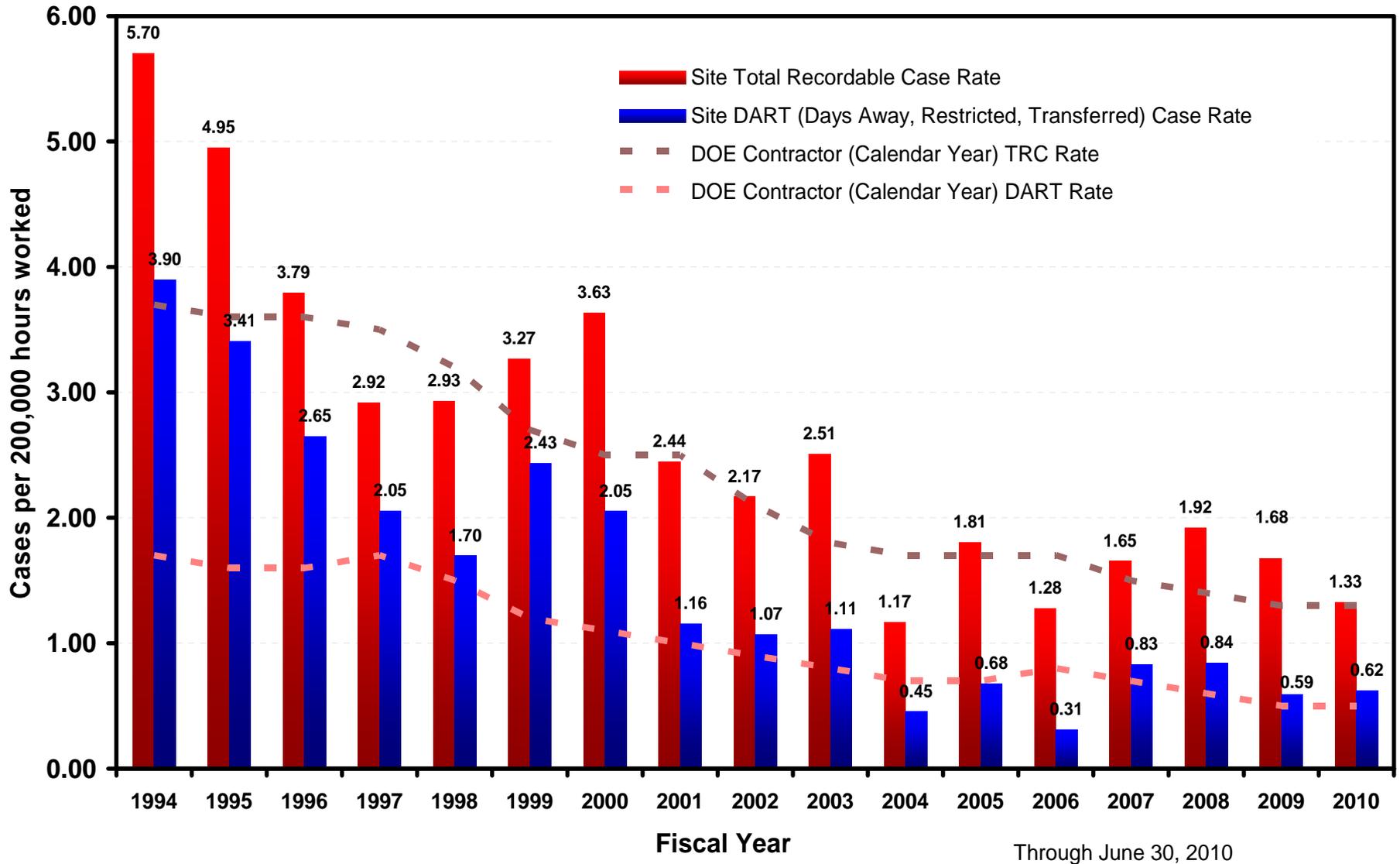
(Includes all Construction and Service Contractors)

Through June 30, 2010



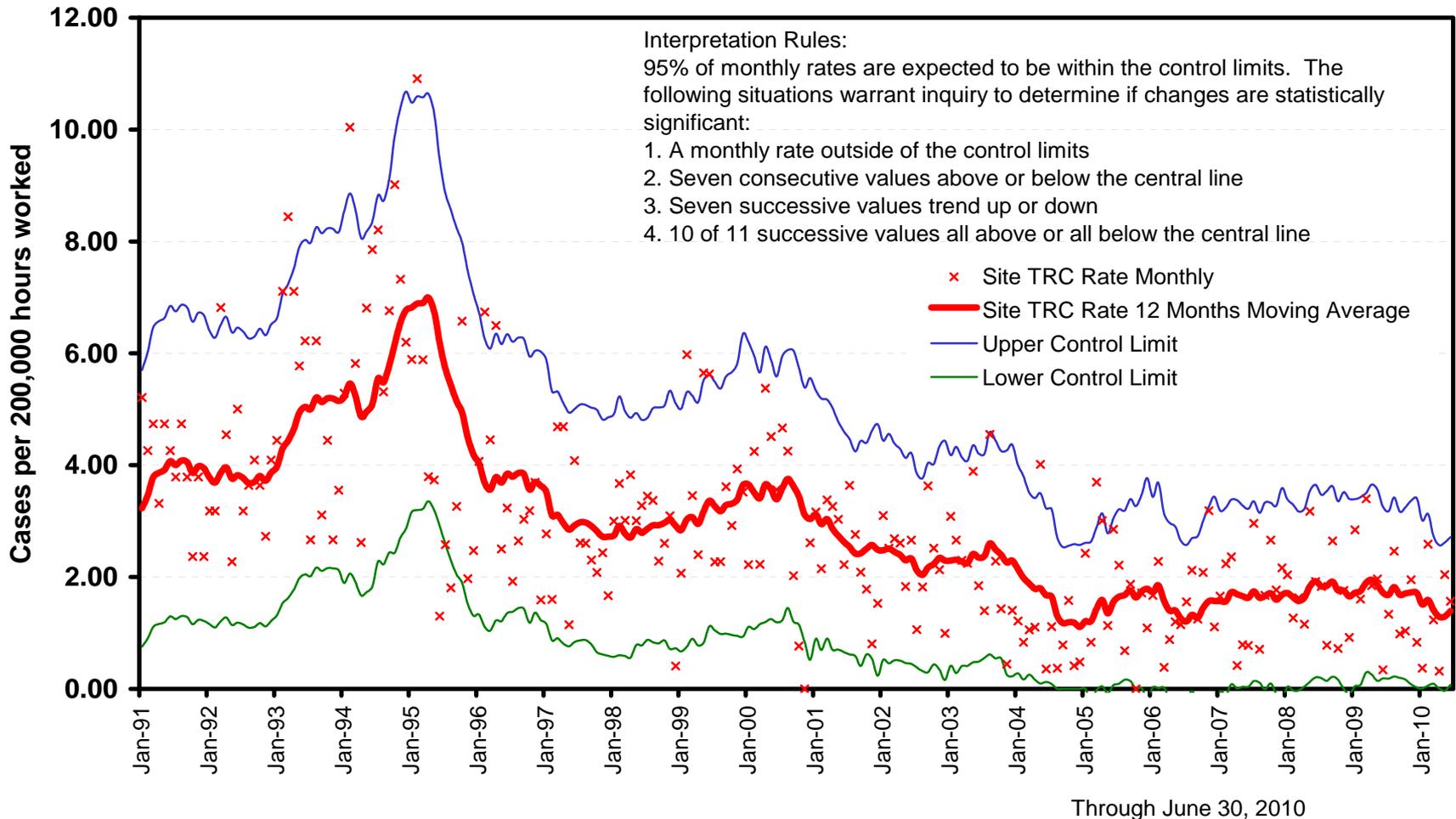
LBNL vs DOE Contractor Rates

Berkeley Lab Site Accident Rates



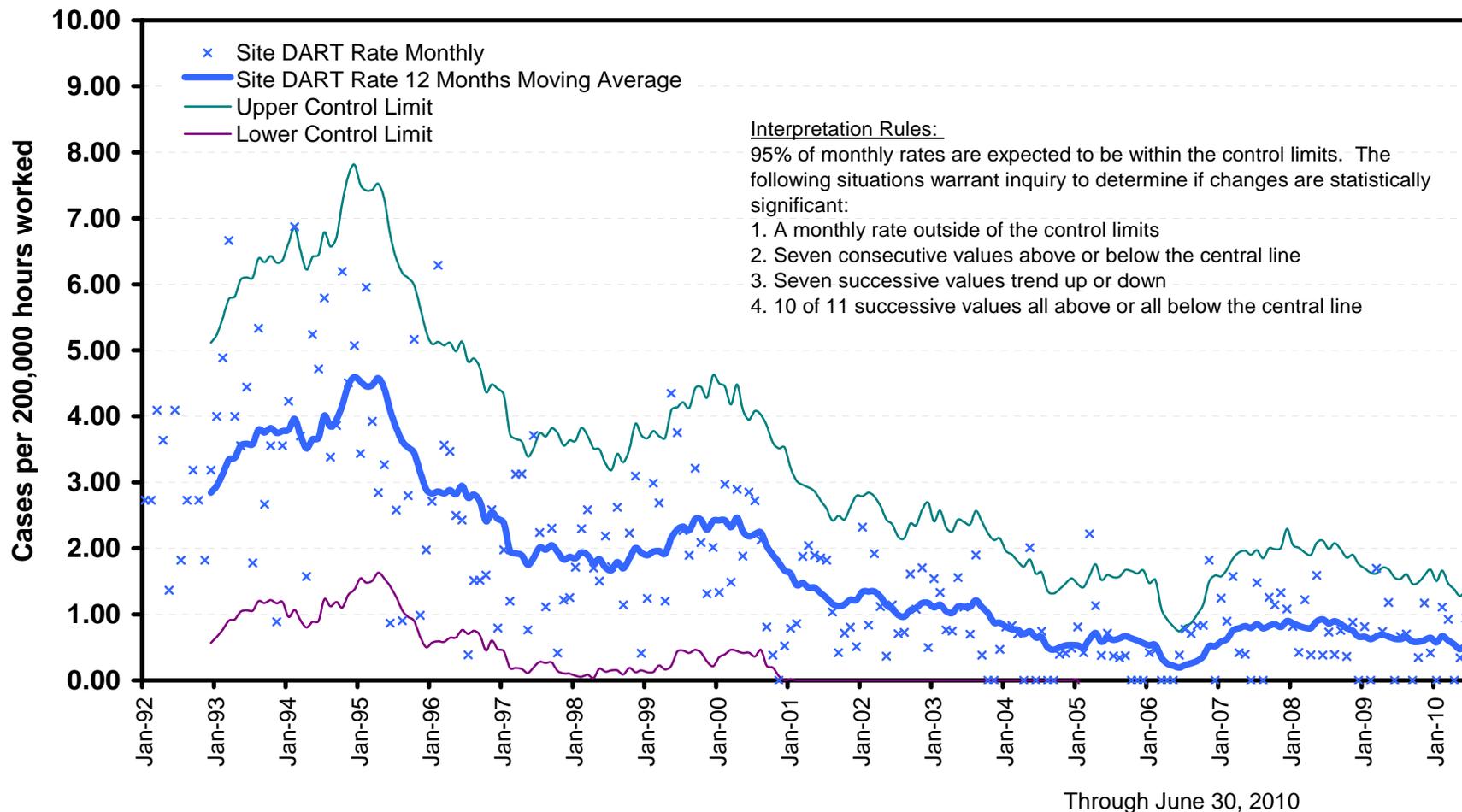
Long Term Injury Rates - TRC

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



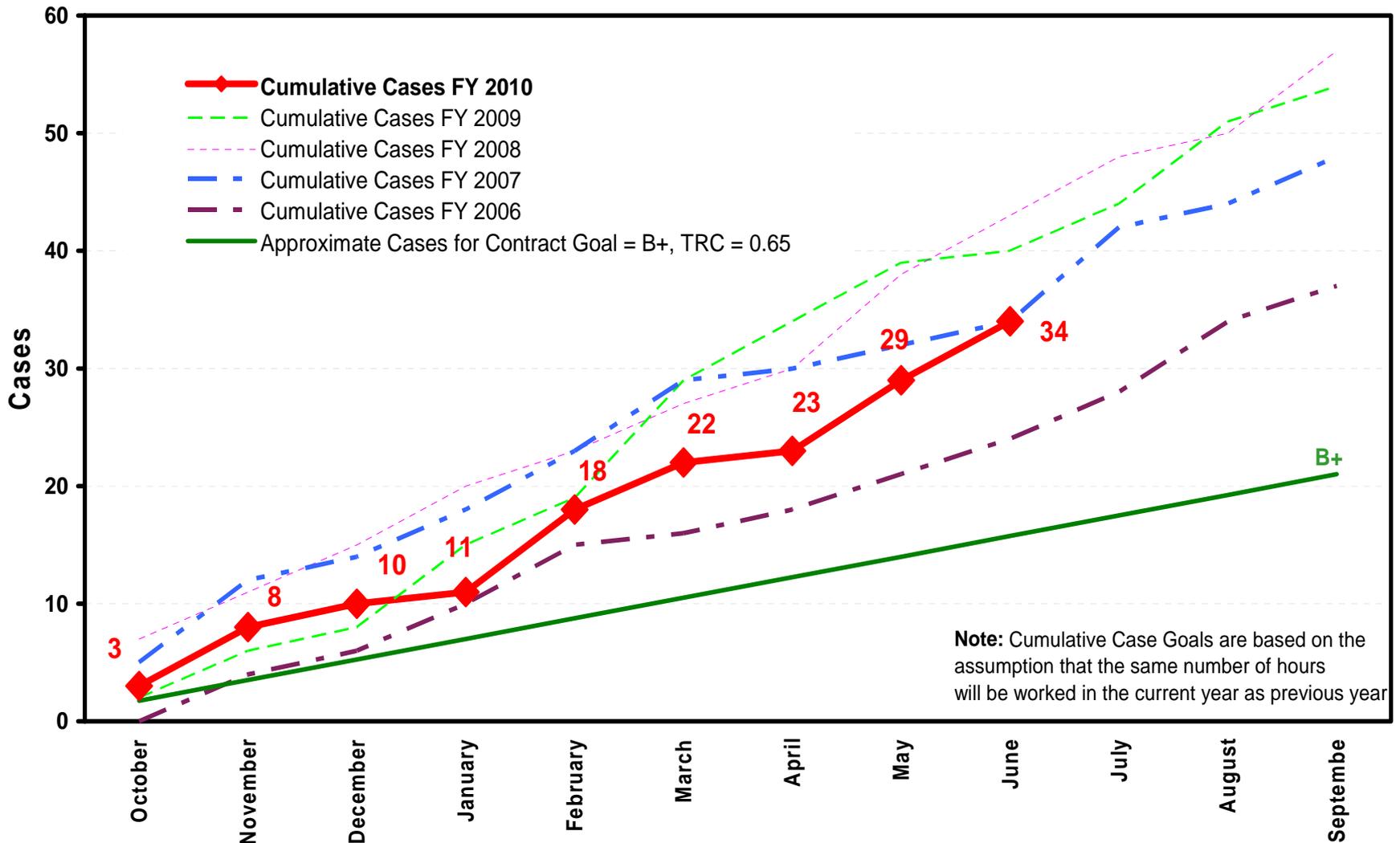
Long Term Injury Rates - DART

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



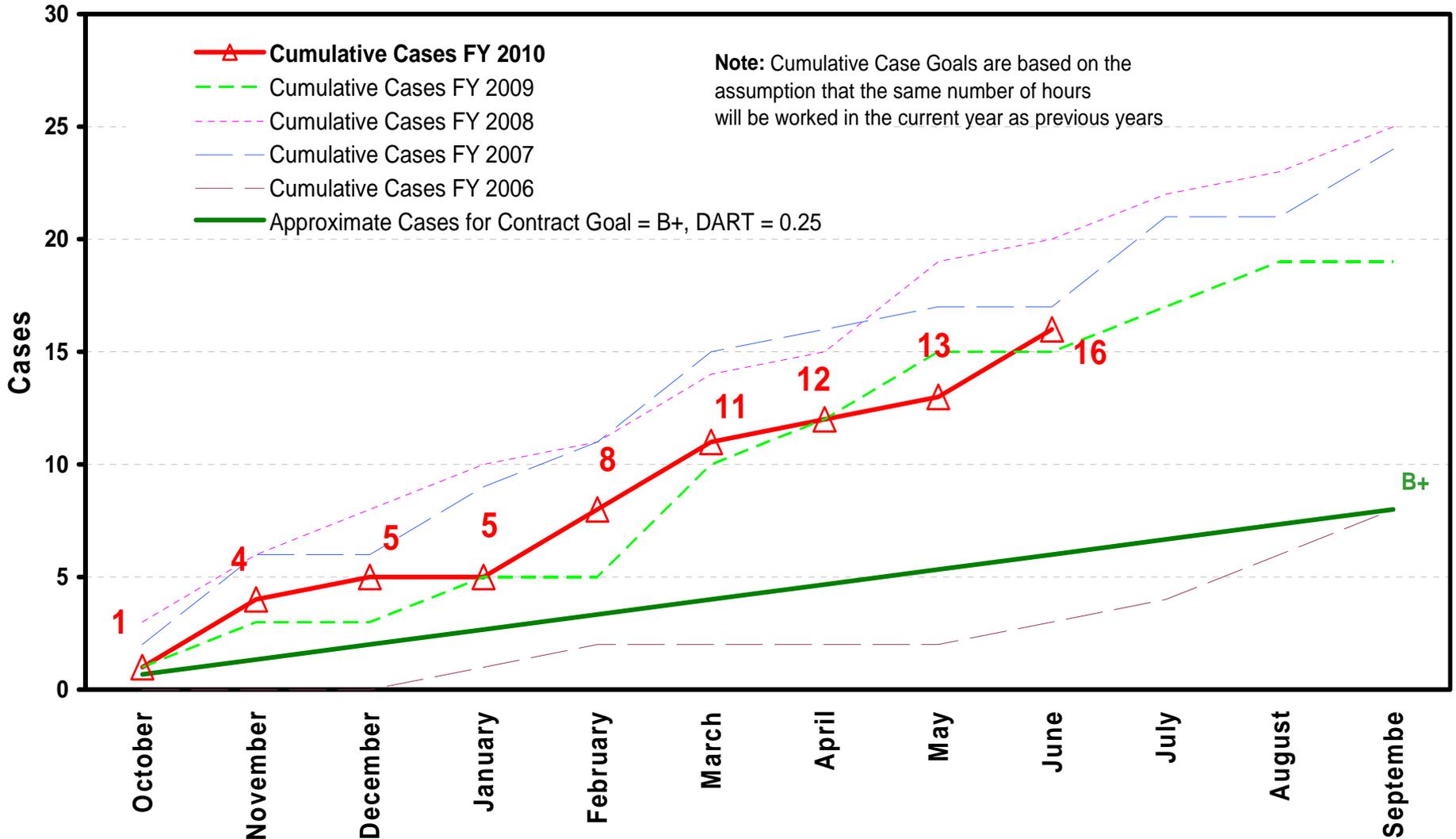
Performance vs Contract Goals - TRC

Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year

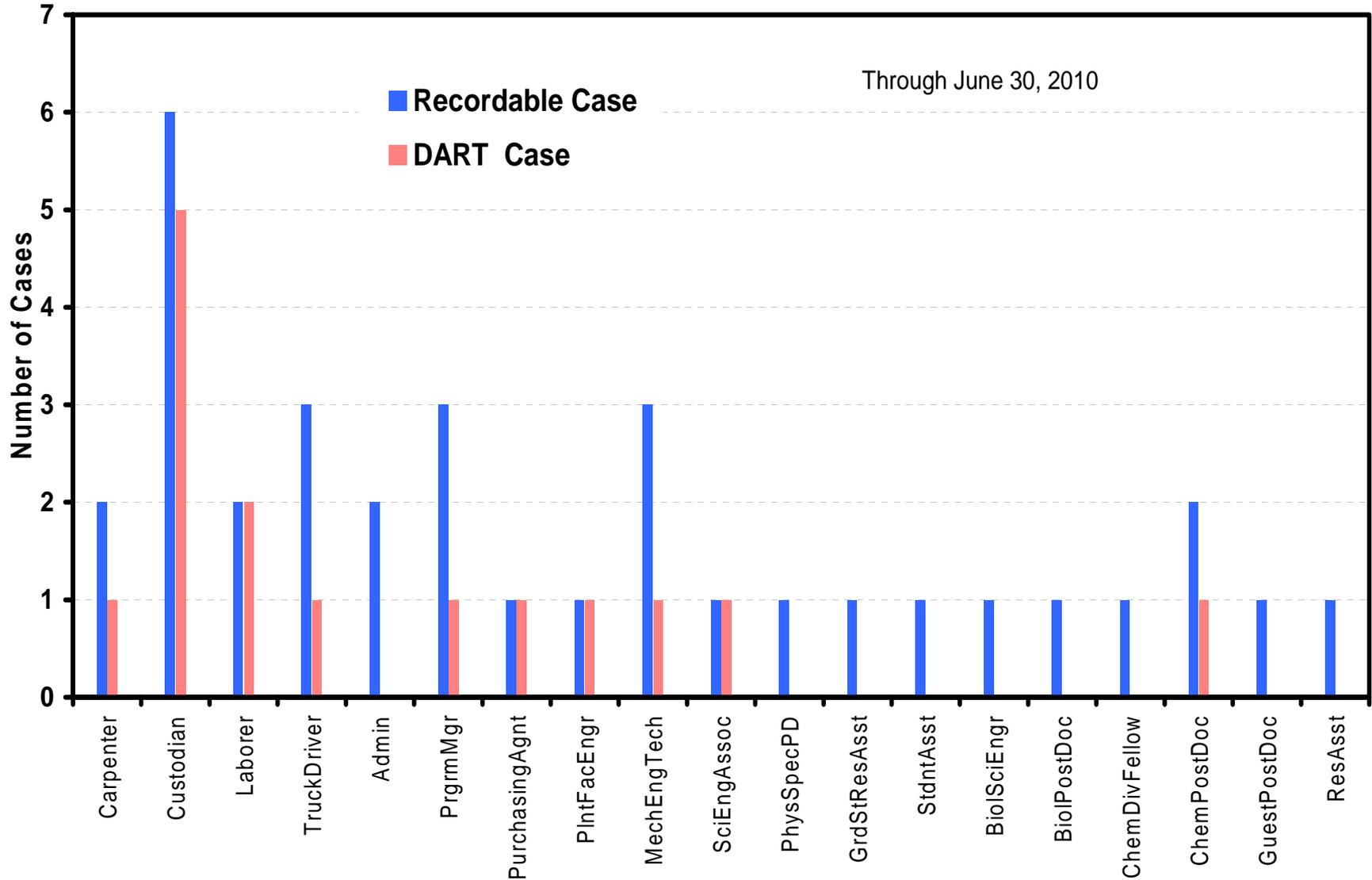


Performance vs Contract Goals - DART

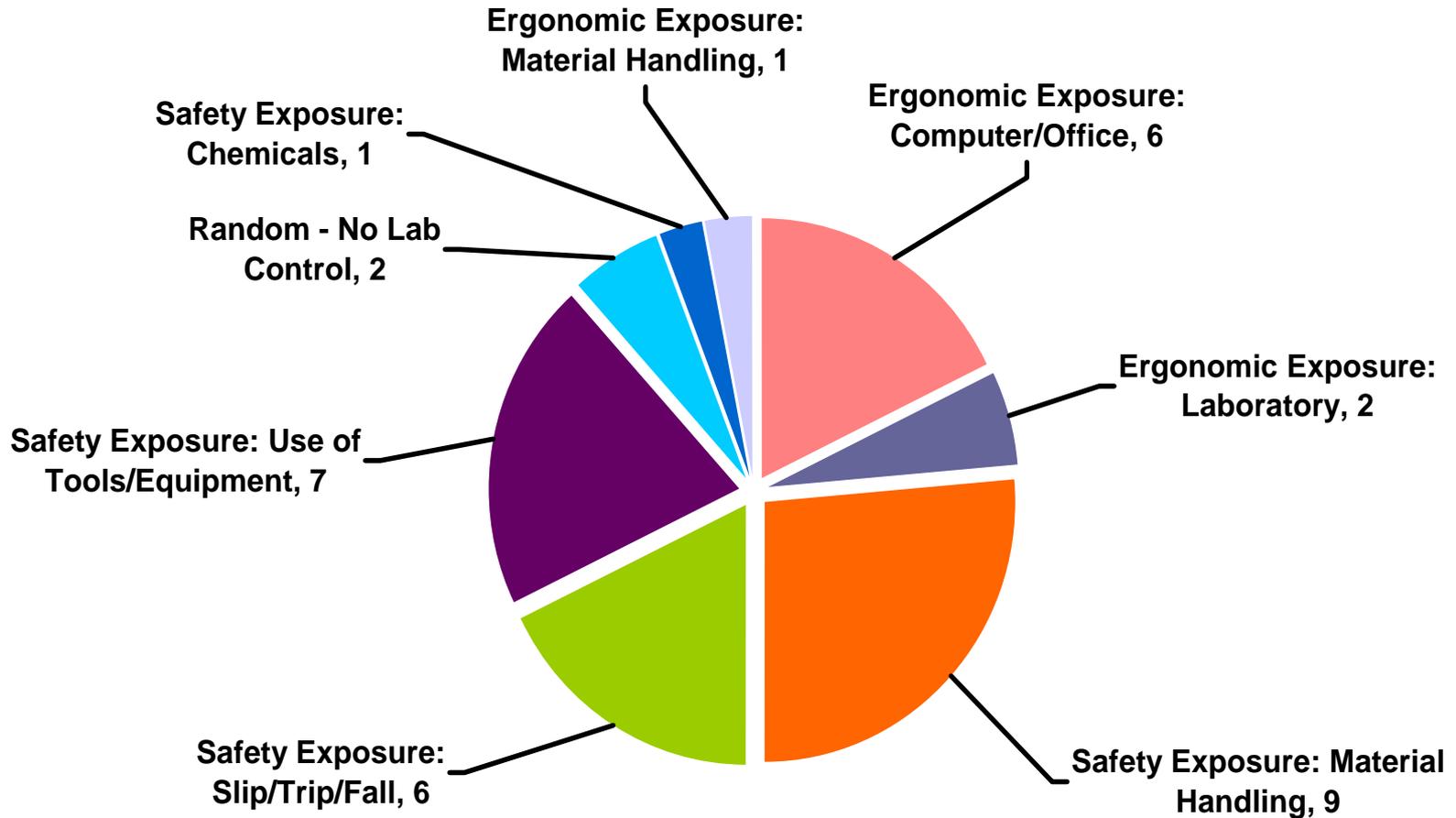
Berkeley Lab and Contractors
 Cumulative DART (Days Away, Restricted, Transferred) Cases
 By Fiscal Year



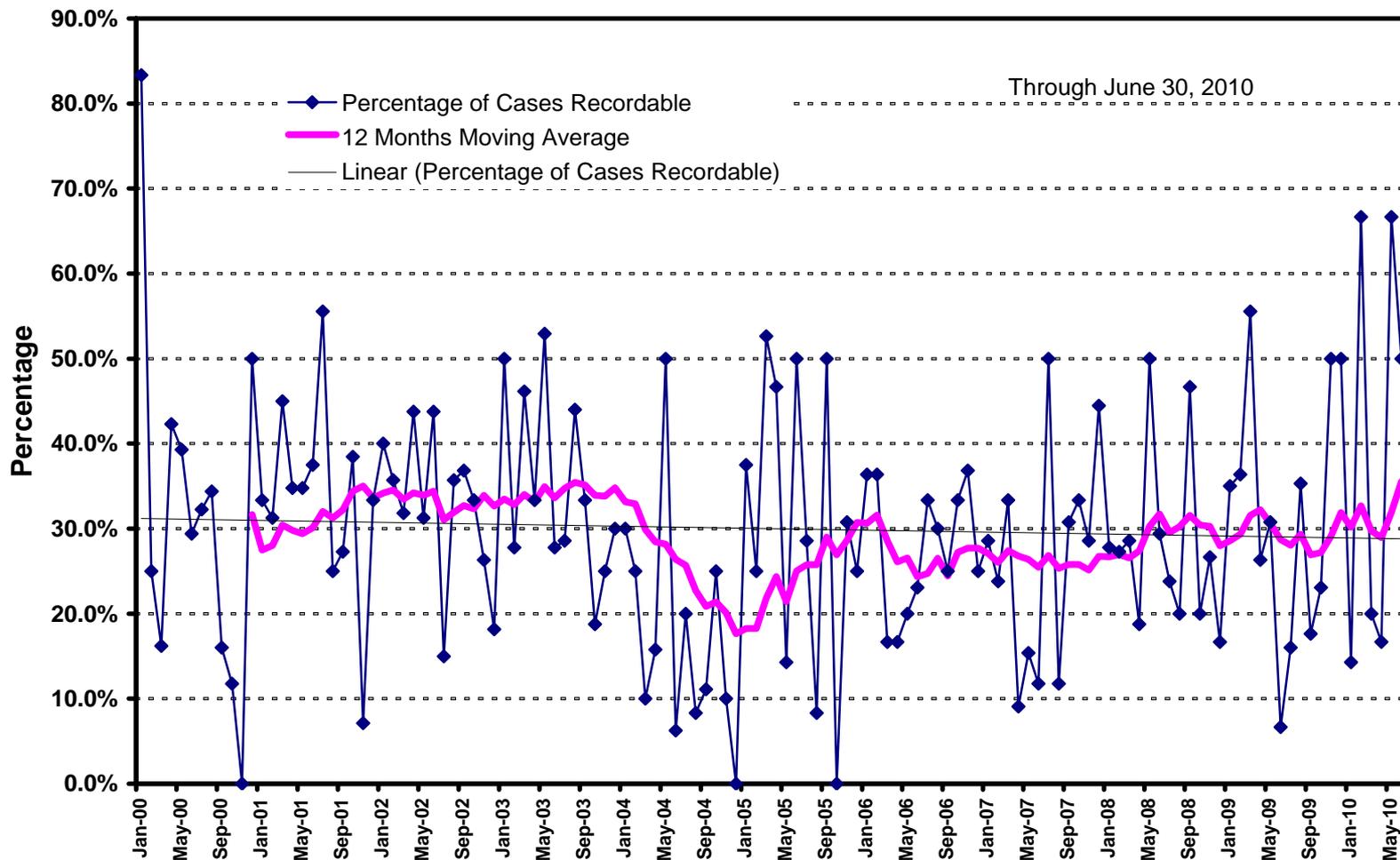
Recordable and DART Cases by Job Classification



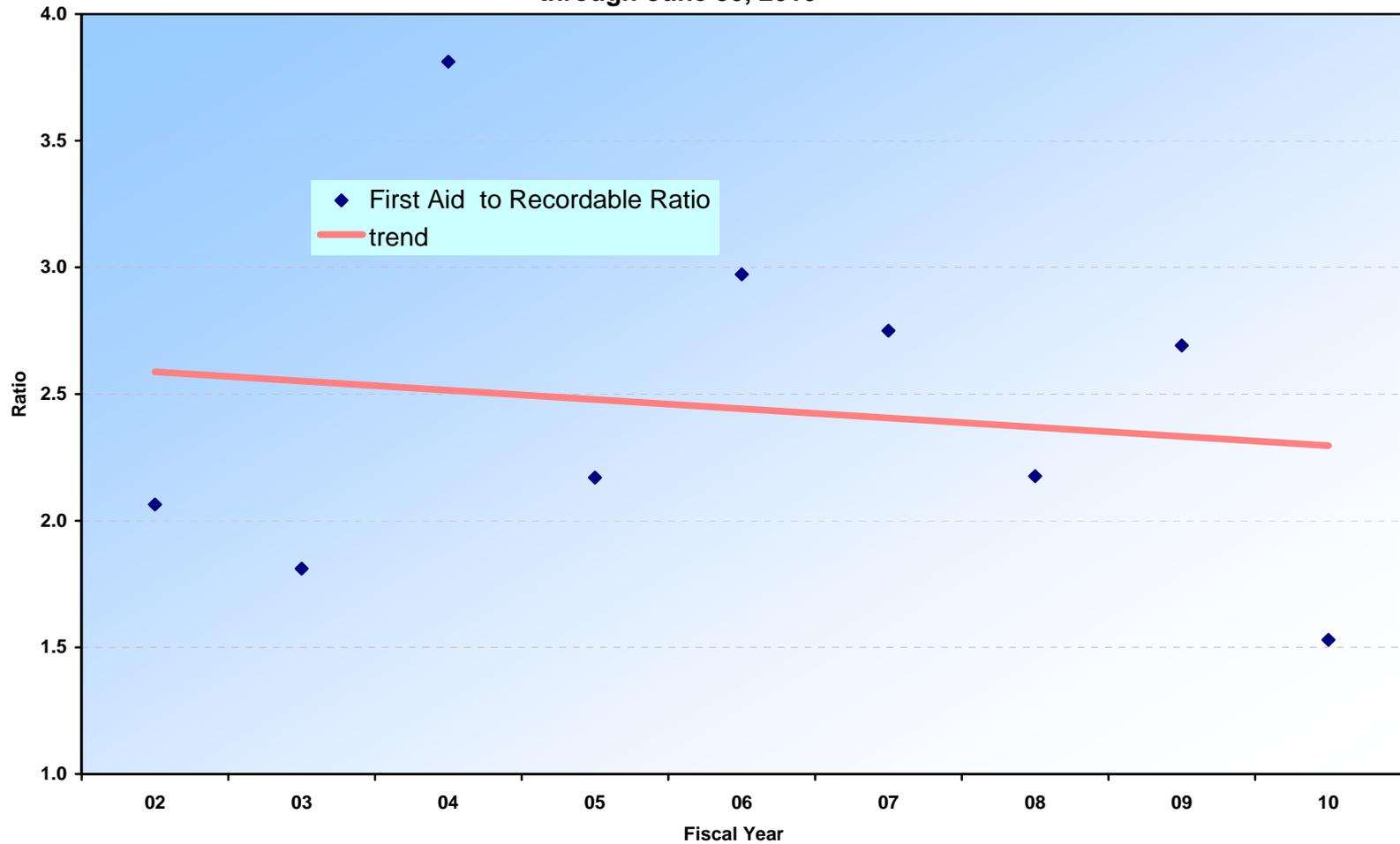
Recordable Injury Categories and Causes FY10 through June 30, 2010



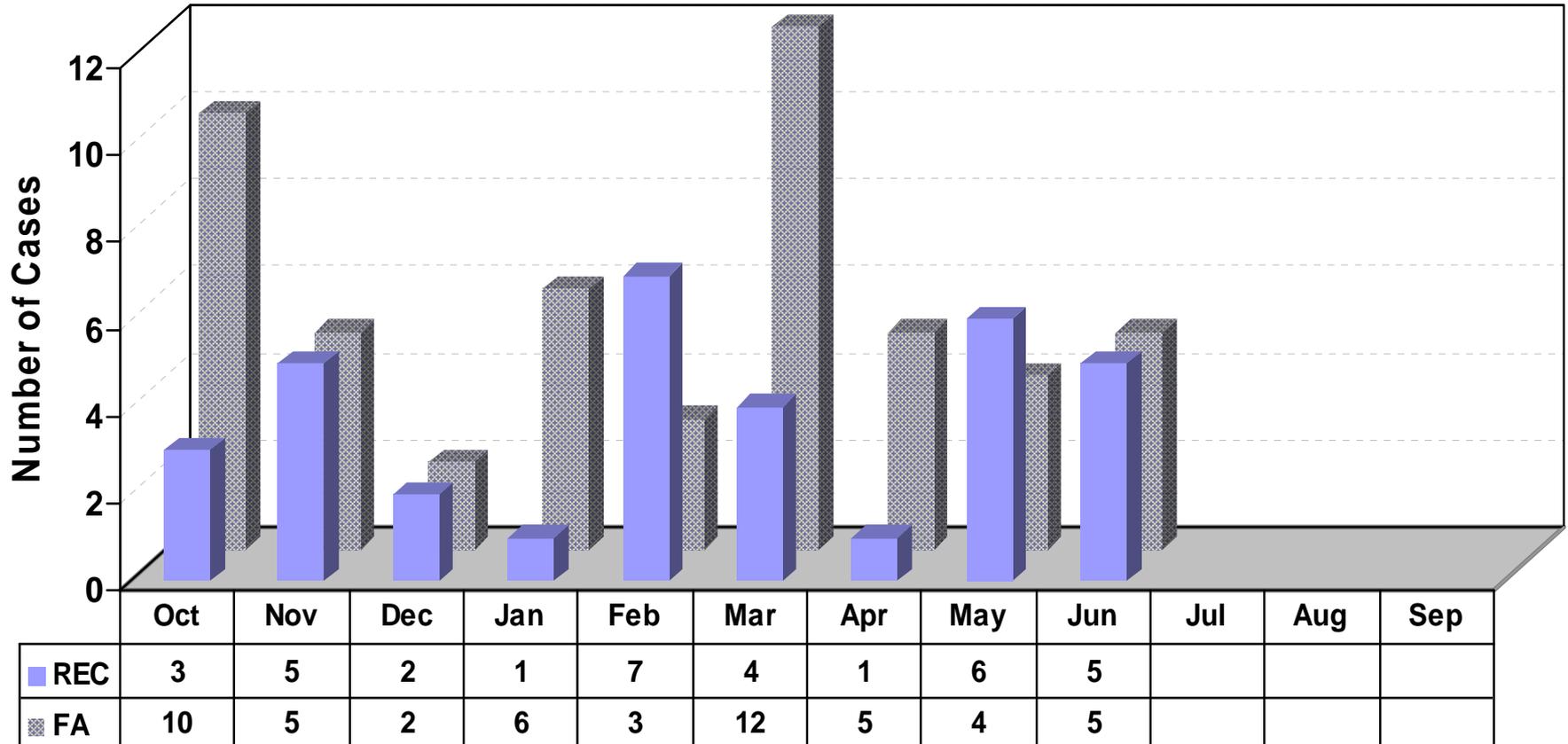
Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000



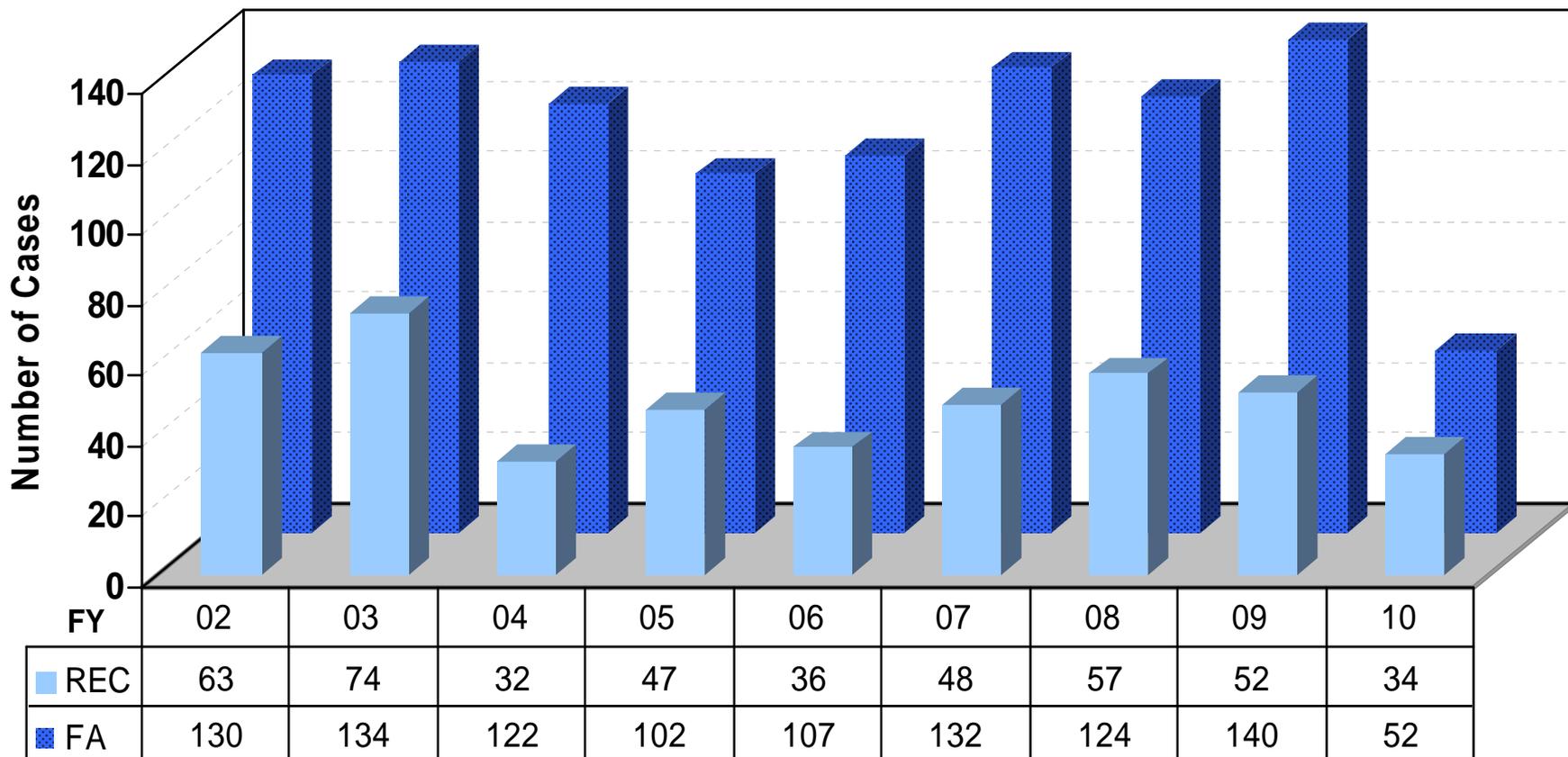
First Aid to Recordable Case Ratio through June 30, 2010



FY2010 First Aid to Recordable Comparison through June 30, 2010



FY02 to FY2010 First Aid to Recordable Comparison through June 30, 2010



LBNL Total Recordable Cases October 1, 2009 - September 30, 2010 (FY10)

| | Oct-09 | Nov-09 | Dec-09 | Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | Jul-10 | Aug-10 | Sep-10 | Contract Goal TRC = 0.65 | Total YTD | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------------------------|--------------|--|
| LBNL Research | | | | | | | | | | | | | | | |
| Computing Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | |
| Computational Research | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 1 | |
| NERSC Center | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| General Sciences | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 5 | |
| AFRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| Engineering | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 3 | |
| Nuclear Science | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 1 | |
| Physics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 1 | |
| Life & Environmental Sciences | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 4 | 5 | |
| 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 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | | 5 | |
| Physical Sciences | 1 | 2 | 0 | 1 | 0 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 5 | 9 | |
| ALS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| Chemical Sciences | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | | 2 | |
| Environmental Energy Tech. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | 1 | |
| Materials Sciences | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | 3 | |
| Physical Biosciences | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 3 | |
| LBNL Research Sub-Total | 1 | 4 | 1 | 1 | 3 | 2 | 0 | 5 | 3 | 0 | 0 | 0 | 13 | 20 | |
| LBNL Support | | | | | | | | | | | | | | | |
| Environment, Health & Safety | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | |
| Facilities | 2 | 1 | 1 | 0 | 2 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | | 11 | |
| 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 | 0 | 0 | 0 | 0 | 1 | 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 | 1 | 0 | 3 | 1 | 1 | 1 | 2 | 0 | 0 | 0 | 4 | 12 | |
| LBNL Total | 3 | 5 | 2 | 1 | 6 | 3 | 1 | 6 | 5 | 0 | 0 | 0 | 17 | 32 | |
| LBNL Construction | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | |
| LBNL Service Subcontractors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | |
| Site Grand Total | 3 | 5 | 2 | 1 | 7 | 4 | 1 | 6 | 5 | 0 | 0 | 0 | 18 | 34 | |
| <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 6/30/10

Notes: Projections assume that hours worked will remain constant

LBNL DART (Days Away, Restricted, Transferred) Cases October 1, 2009 - September 30, 2010 (FY10)

| | Oct-08 | Nov-08 | Dec-08 | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Contract Goal DART = 0.25 | Total YTD |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------------------------|--------------|
| LBNL Research | | | | | | | | | | | | | | |
| Computing Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| Computational Research | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 |
| NERSC Center | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| General Sciences | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| AFRD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Engineering | 0 | 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 | 0 |
| Physics | 0 | 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 | 2 | 0 |
| Earth Sciences | 0 | 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 | 0 |
| Life Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Physical Sciences | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 3 |
| ALS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chemical Sciences | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Environmental Energy Tech. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Materials Sciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |
| Physical Biosciences | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| LBNL Research Sub-Total | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 5 | 5 |
| LBNL Support | | | | | | | | | | | | | | |
| Environment, Health & Safety | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Facilities | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 8 |
| Human Resources | 0 | 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 | 0 |
| Public Affairs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CFO | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Directorate | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LBNL Support Sub-Total | 1 | 1 | 1 | 0 | 2 | 1 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 9 |
| LBNL Total | 1 | 3 | 1 | 0 | 2 | 2 | 1 | 1 | 3 | 0 | 0 | 0 | 7 | 14 |
| LBNL Construction | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| LBNL Service Subcontractors | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Site Grand Total | 1 | 3 | 1 | 0 | 3 | 3 | 1 | 1 | 3 | 0 | 0 | 0 | 7 | 16 |
| <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+ | | | | | |

As of 6/30/10

Notes: Projections assume that hours worked will remain constant