

Berkeley Lab Accident Statistics Through October 31, 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 October 2010 Injury/Illness Cases

- Guest Student Assistant – Finger contusion
 - While plumbing additional signal cables in a NIM bin rack the left middle finger struck the blade of one of the cooling fans.
- Materials Project Scientist/Engineer – Allergic response
 - Employee experienced a sudden onset of allergy symptoms while working in lab where heavy metal crystals were being cut with a diamond saw without water bath.

Narrative of October 2010 Injury/Illness Cases

- Laborer Specialist – Back strain
 - The employee had been working setting up and tending the 6 inch Excavac hoses while cleaning out a stormceptor vault and then returned the trailer mounted system to the equipment storage area. After securing the equipment and applying wheel chocks, the employee noted some back pain.
- Computer Systems Engineer – Laceration to head
 - The employee's head struck an awkwardly placed coat hook in the men's restroom.

Narrative of October 2010 Injury/Illness Cases

- Senior Laborer – Contusion on thumb
 - The employee experienced a minor contusion of the left thumb when the 5 lb. hammer he was using to stamp ID numbers on metal tags glanced off the top of one of the metal number stamps.
- Material Handler – Back strain
 - The employee developed low back pain after lifting approximately 35 boxes which weighed 35 to 45 pounds each.

Narrative of October 2010 Injury/Illness Cases

- Service Contractor Bus Driver – Strain, multiple, neck and back
 - The employee suffered neck and back strain as a result of a passenger car striking the rear of his bus after the car's brakes had failed.
- Safety Engineer / Specialist – Bee sting
 - The employee was stung by a bee while walking in a parking lot.

Narrative of October 2010 Injury/Illness Cases

- Animal Technician – Muscle spasms in both hands
 - The employee has been getting muscle cramps in both hands. The cramps have been increasing in frequency and now occur 4-5 times per day. The employee uses a pinching motion with hands to lift animal cages all day.
- Administrative Assistant – Jammed toe (possible hairline fracture)
 - During an earthquake drill the soft toe of the employee's loafer collided with the hard tip of a drill participant's shoe.

Narrative of October 2010 Injury/Illness Cases

- Construction Subcontractor Carpenter – Laceration on finger
 - The employee suffered a finger laceration while attempting to move a sign in the contractor storage area by the B90 loading dock. The employee grasped the sign at the edges and was cut by a sharp edge (gloves not worn).
- Principal Research Associate – Contusion on head
 - The employee was using a metal shear. He returned the handle to a vertical position from which it dropped down striking him on the frontal area of his head.

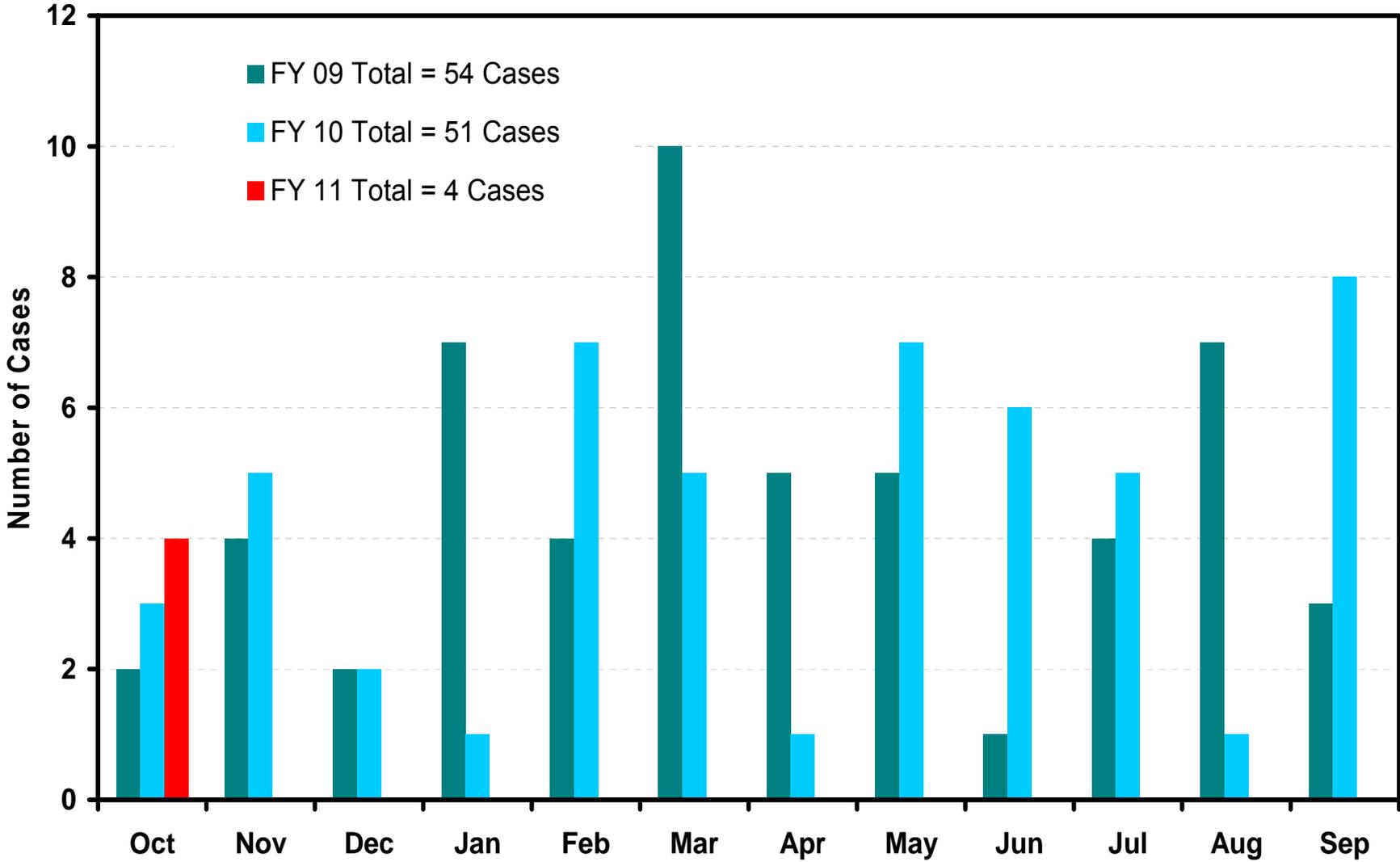
Narrative of October 2010 Injury/Illness Cases

- Guest Post Doc – Wrist strain
 - The employee attempted to open a reactor vessel using only his hands. The vessel temperature was approximately 50 degrees Centigrade. He attempted three times to twist off the vessel lid and on the third attempt he experienced discomfort in his left wrist. His discomfort increased over the next four days.

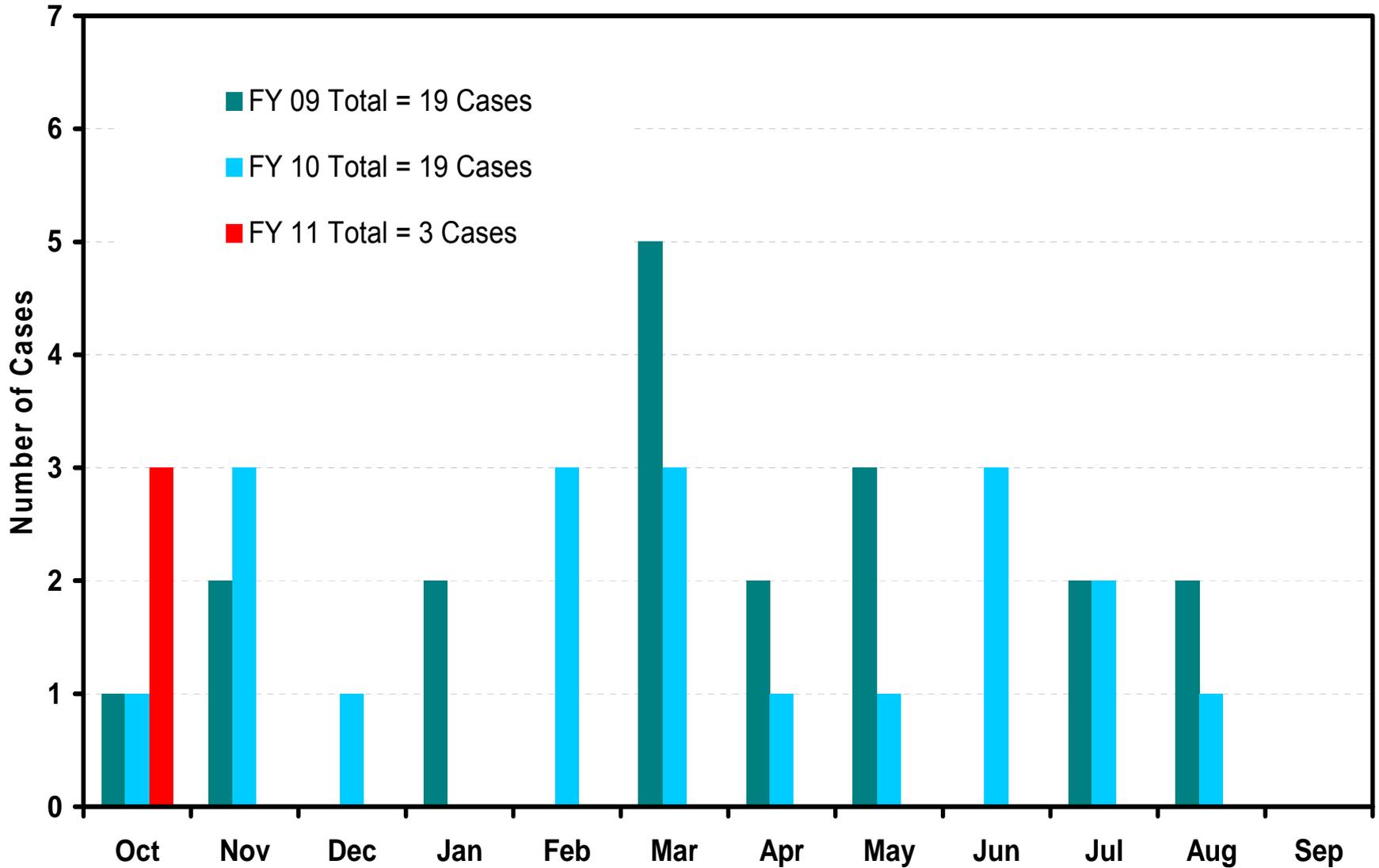
Narrative of October 2010 Injury/Illness Cases

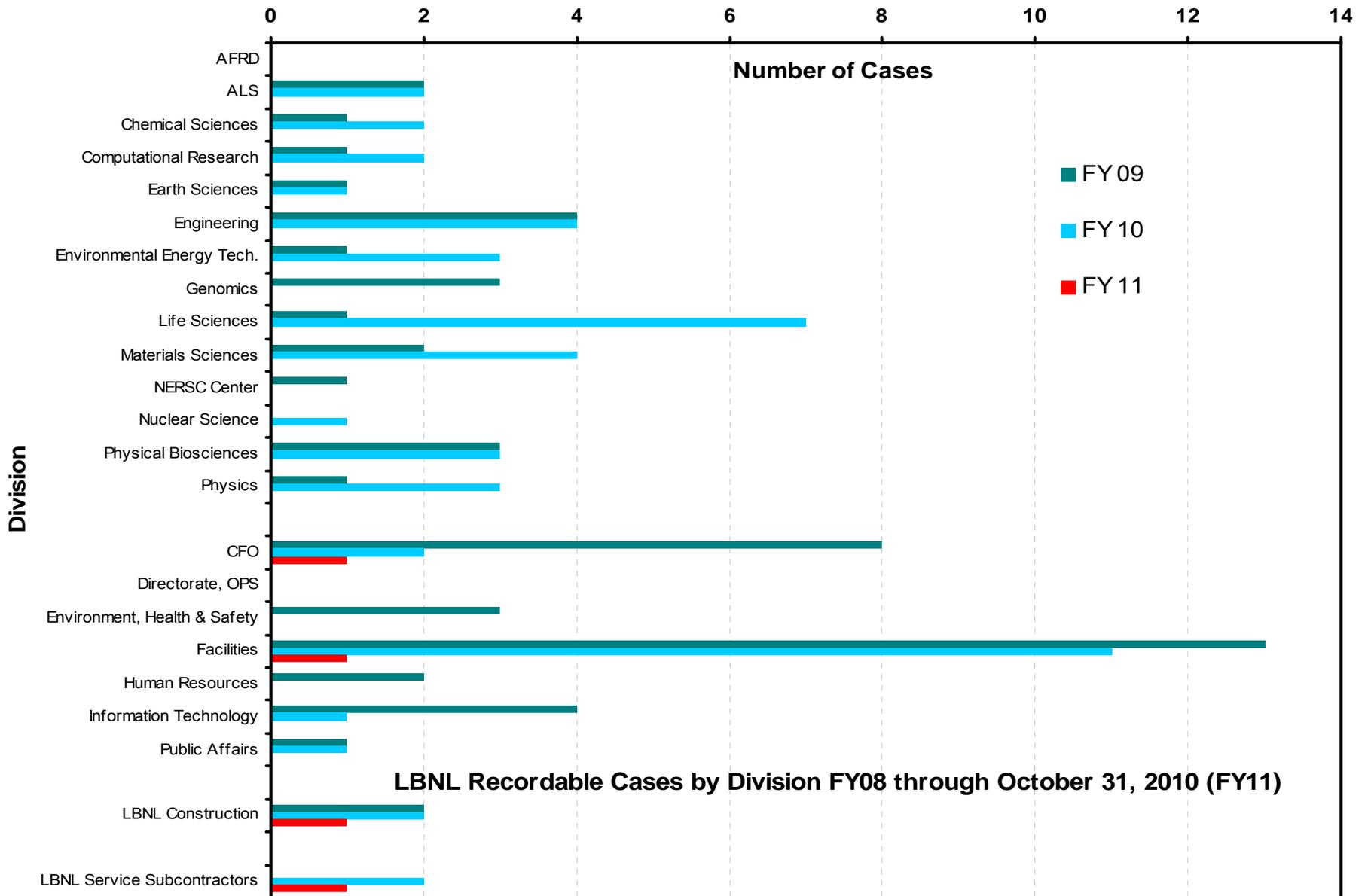
- Senior Resource Analyst – Shoulder strain
 - The employee aggravated a previous shoulder injury while working long hours using click & drag techniques working on spreadsheets. There were RSI Guard malfunctions and the employee was not taking adequate breaks from the keyboard and mouse activity.
- Post Doc Fellow – Bilateral forearm strain
 - The employee worked on a modeling project for 9 - 10 hours per day. The employee was not taking regular rest breaks away from the keyboard. Until the injury surfaced, the supervisor was not aware the employee had taken on this project.

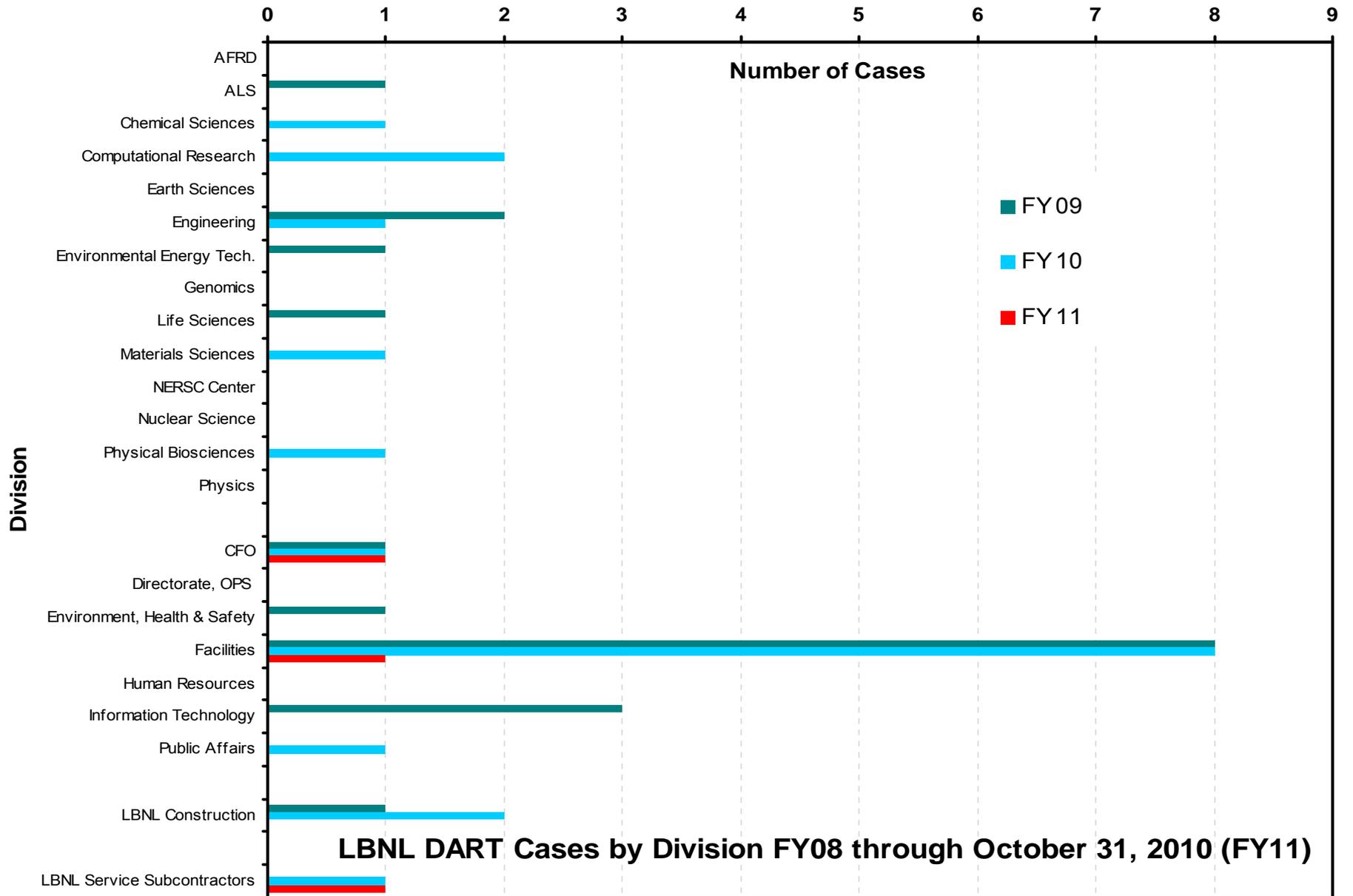
LBNL Recordable Cases FY07 through October 31, 2010 (FY11)



LBL DART Cases FY07 through October 31, 2010 (FY11)



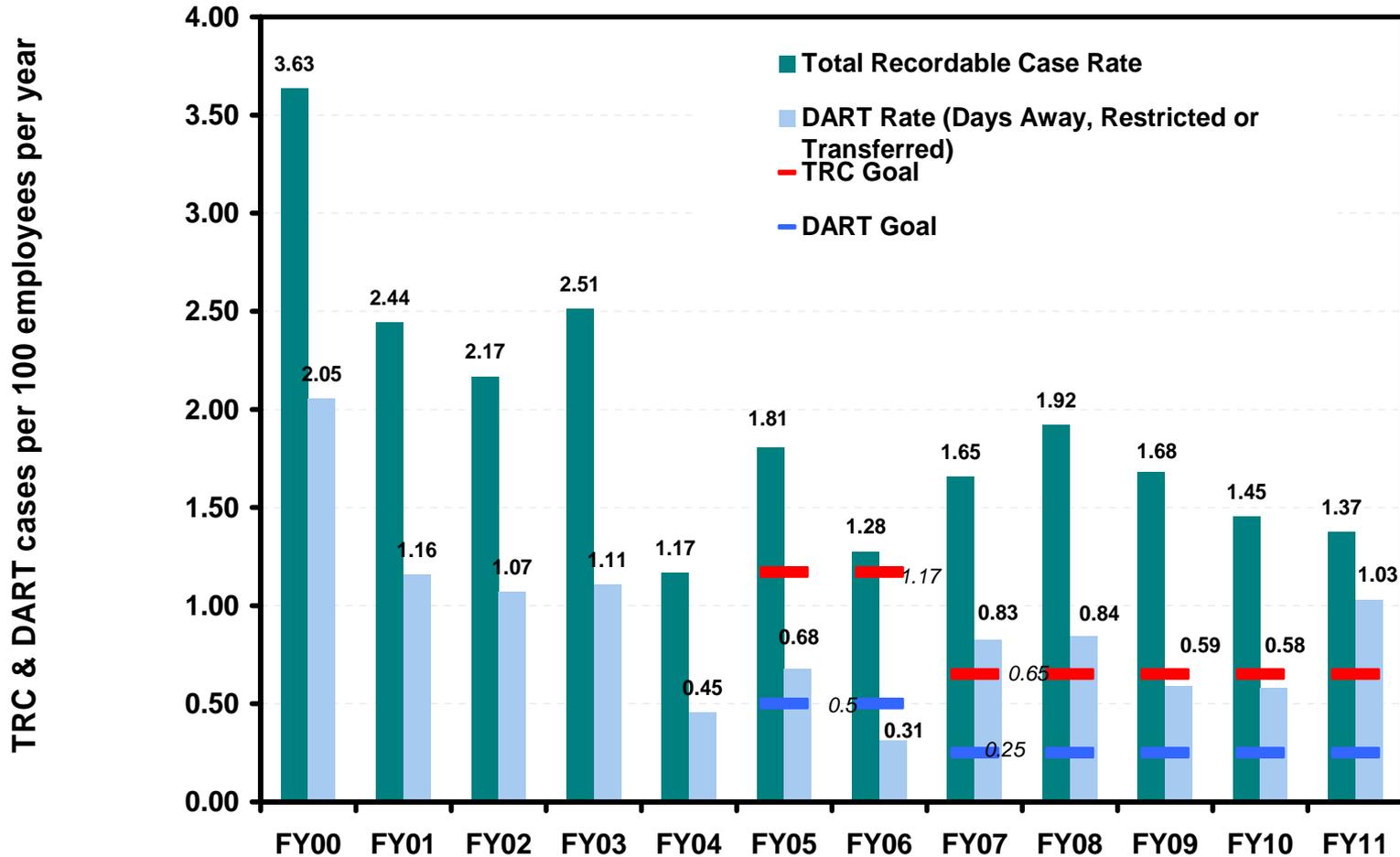




Berkeley Lab Site-Wide TRC & DART Rates

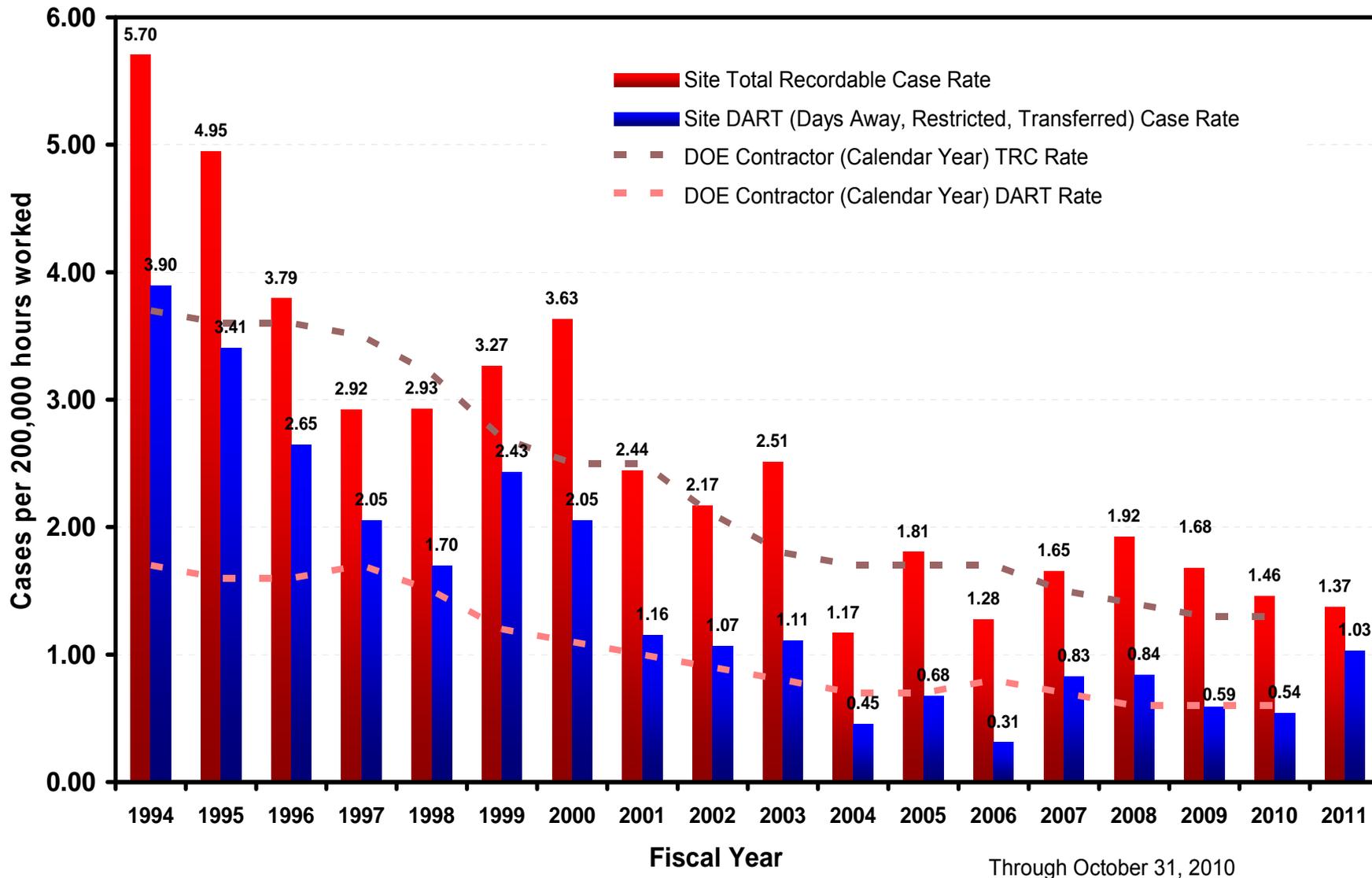
(Includes all Construction and Service Contractors)

Through October 31, 2010

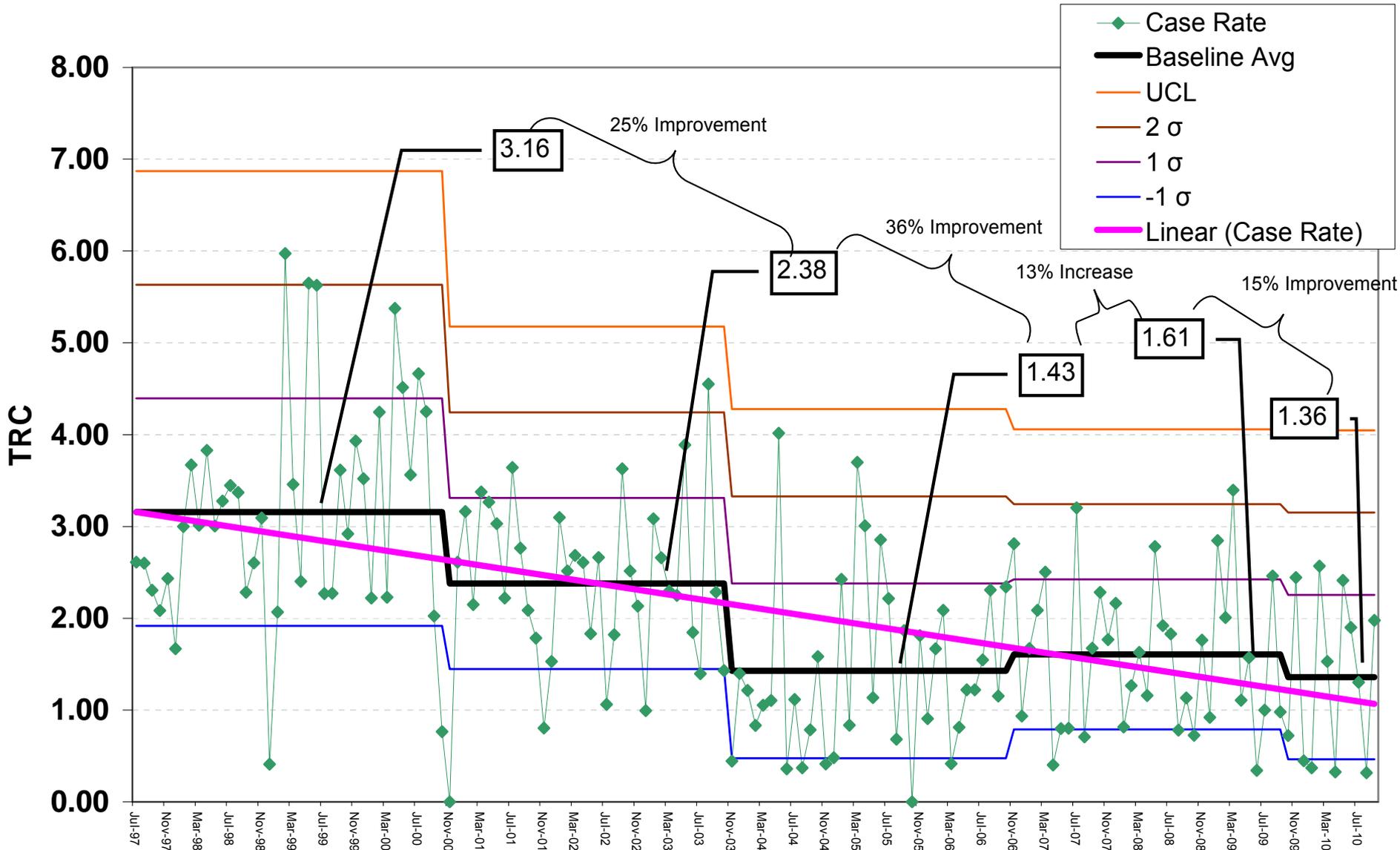


LBNL vs DOE Contractor Rates

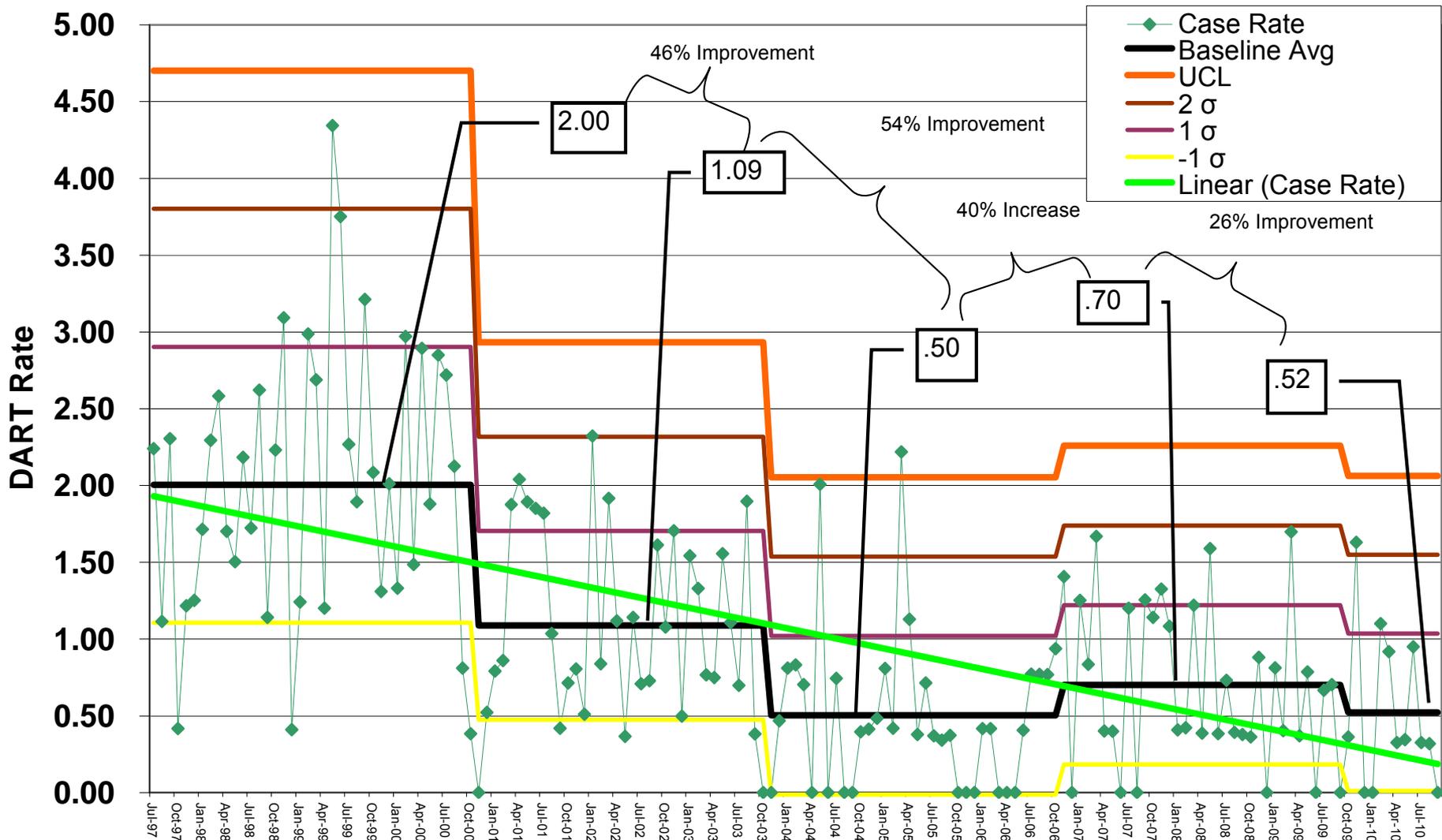
Berkeley Lab Site Accident Rates



TRC July '97 to September '10 Triennial Baseline

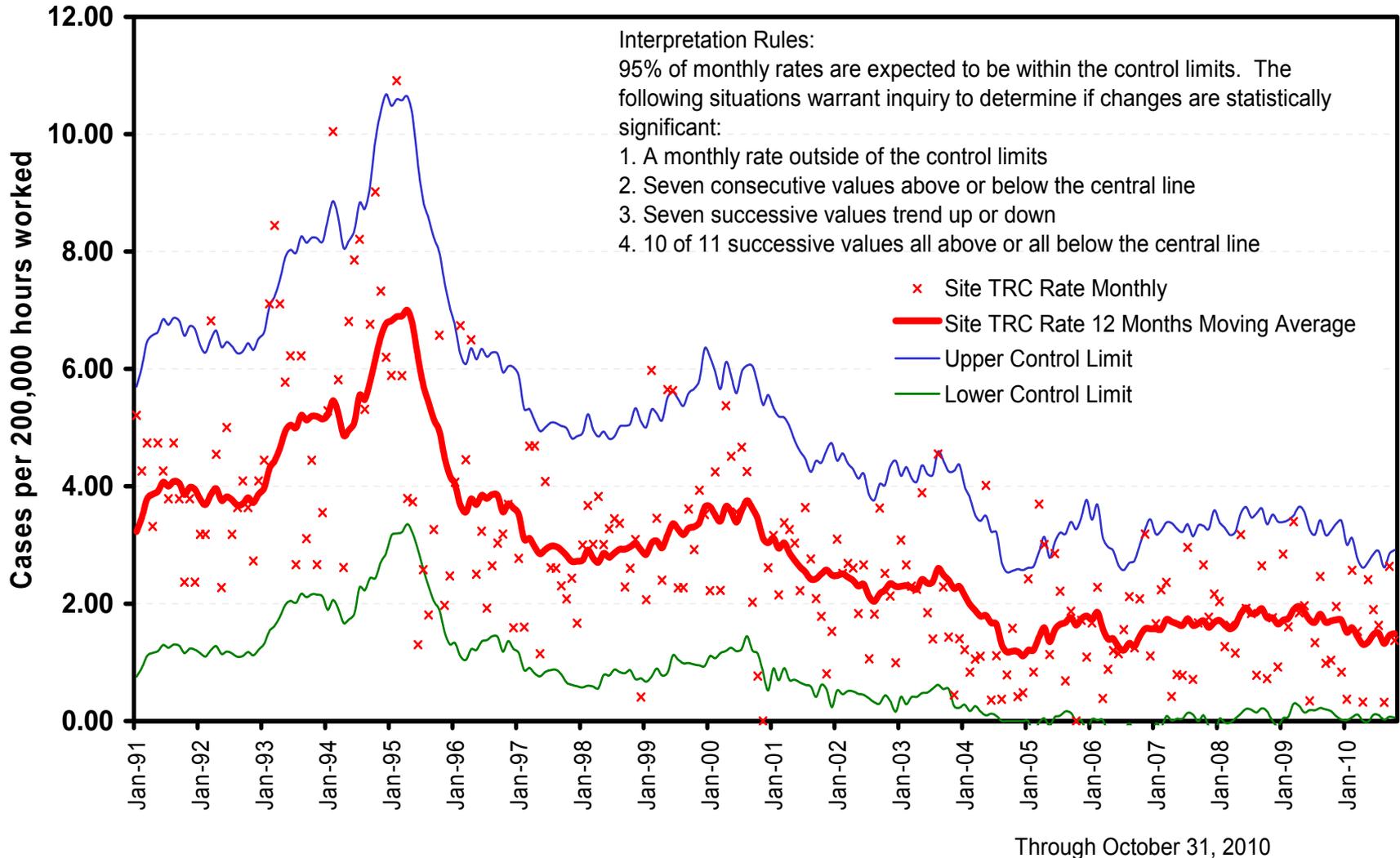


DART Rates Jul 97 to September 10 Triennial Baselining



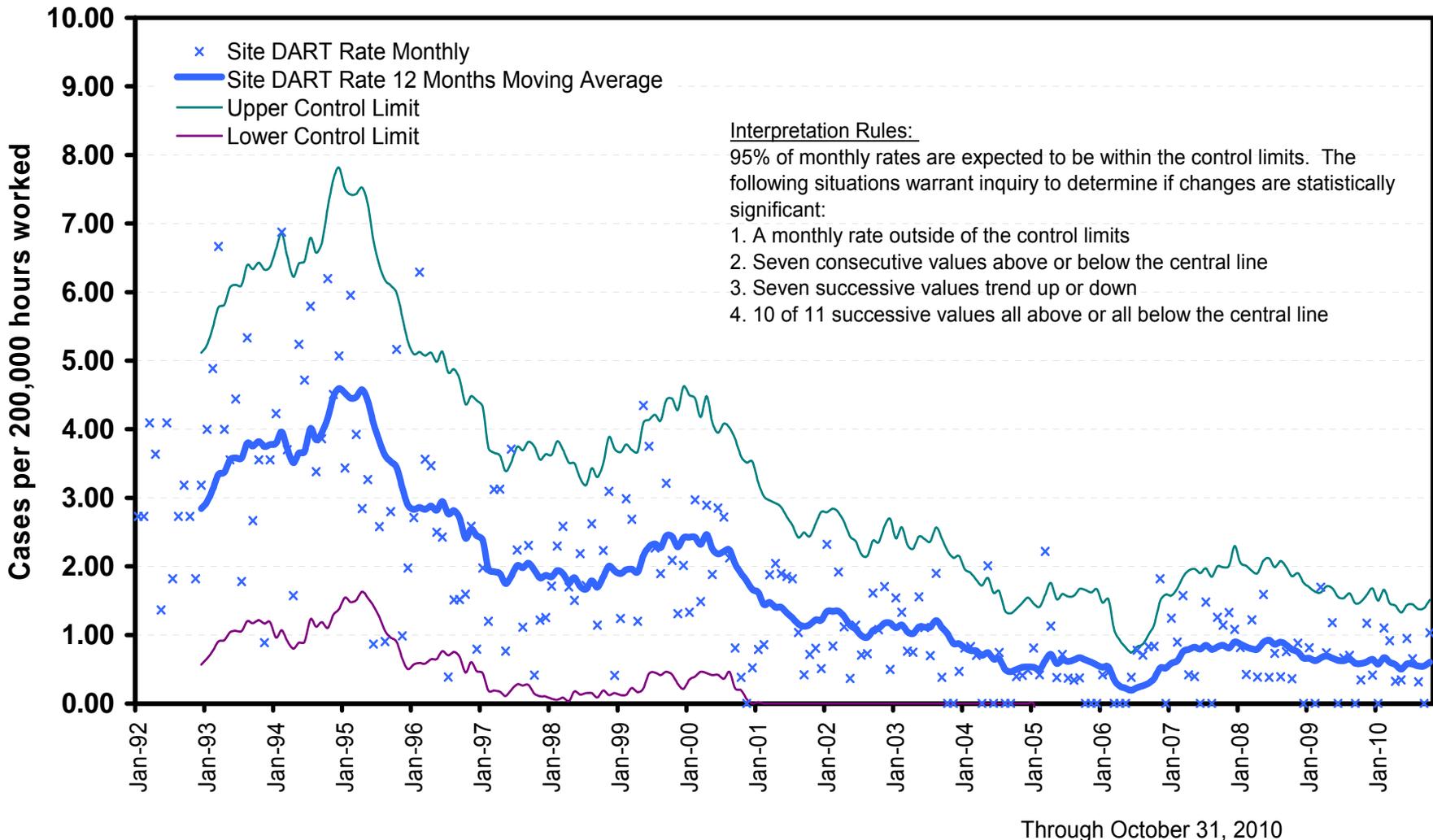
Long Term Injury Rates - TRC

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



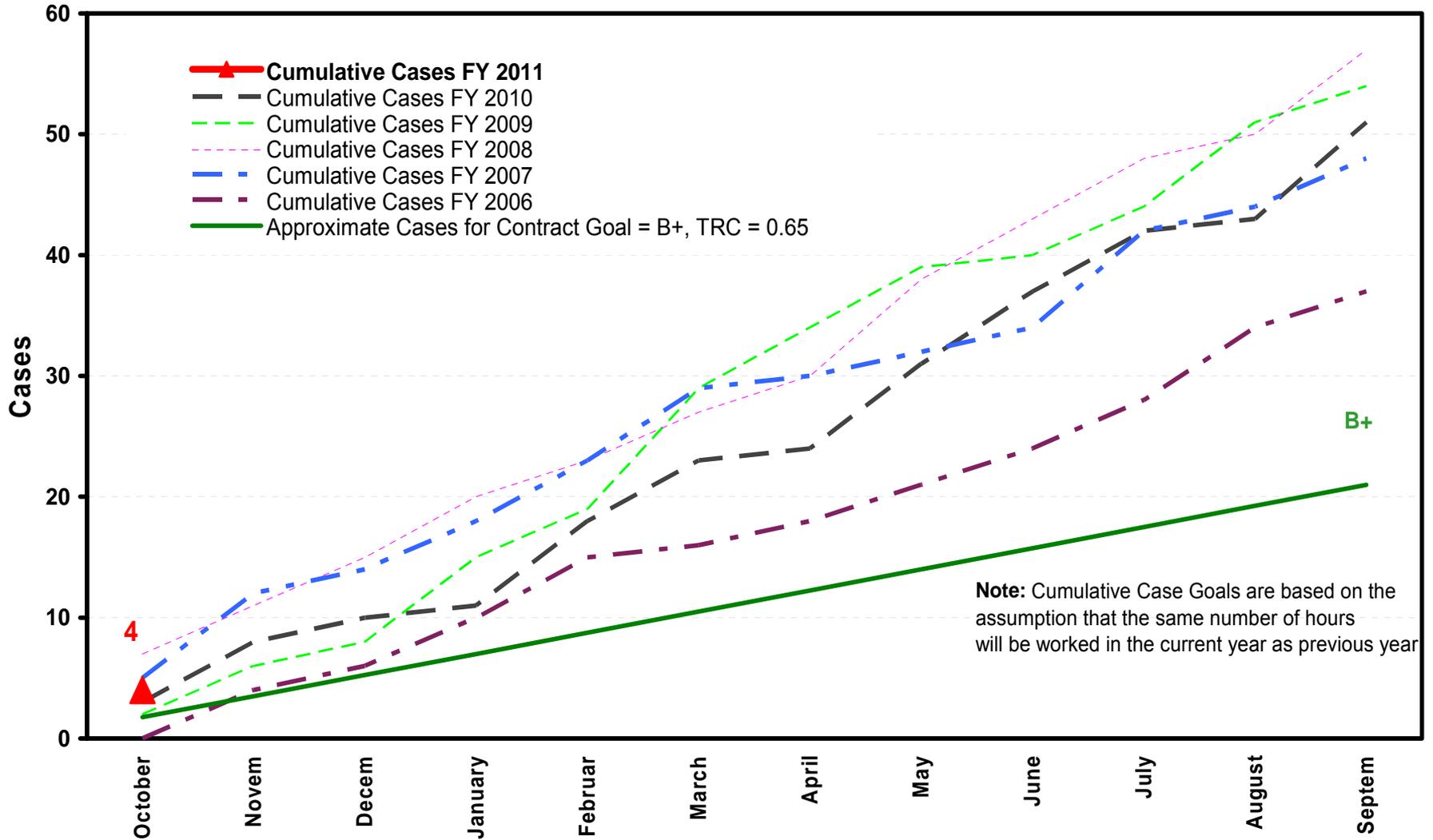
Long Term Injury Rates - DART

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



Performance vs Contract Goals - TRC

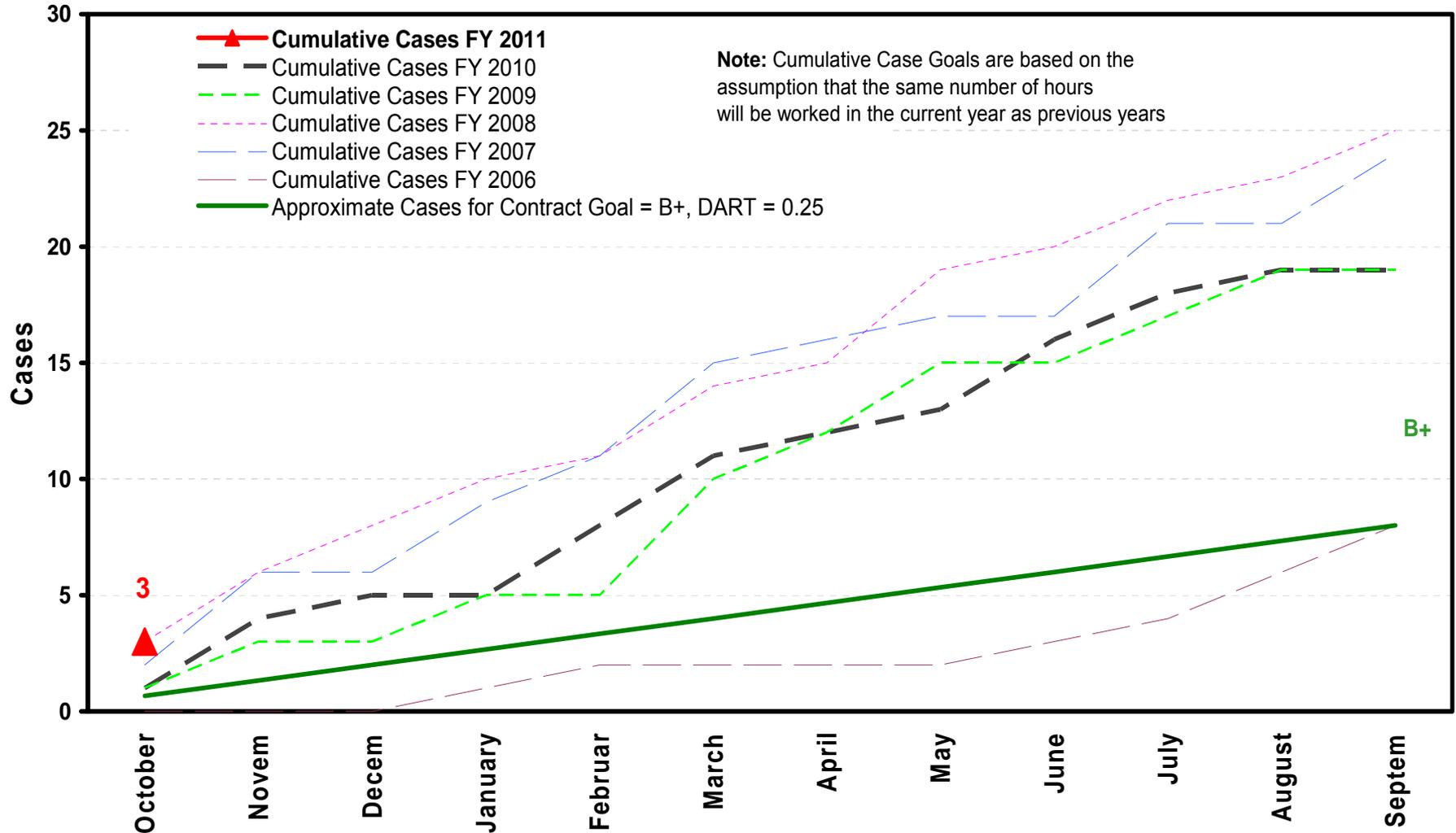
Berkeley Lab and Contractors
 Cumulative Total Recordable Cases
 By Fiscal Year



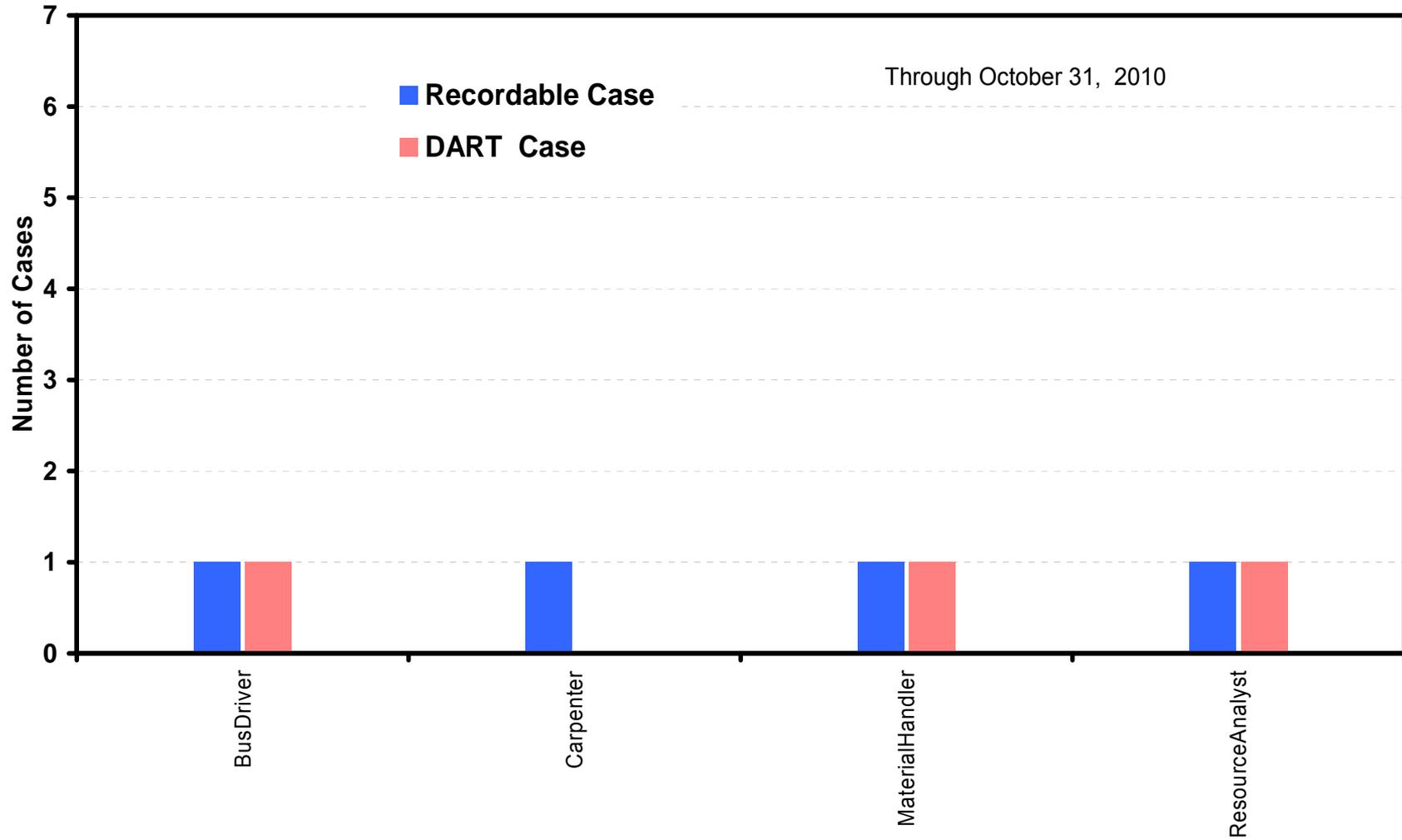
Performance vs Contract Goals - DART

Berkeley Lab and Contractors

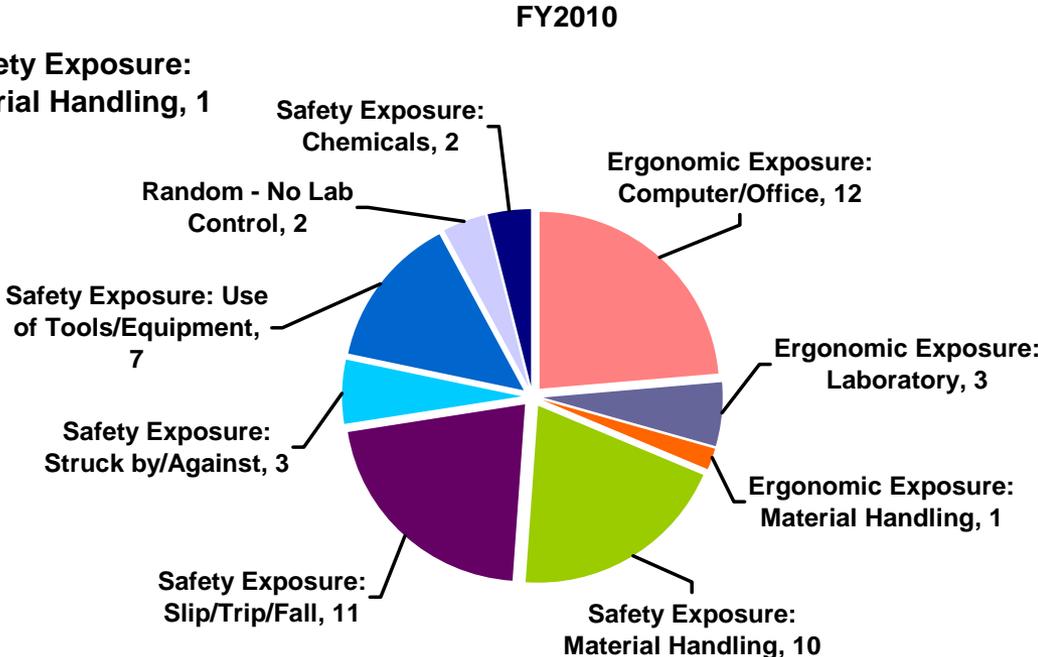
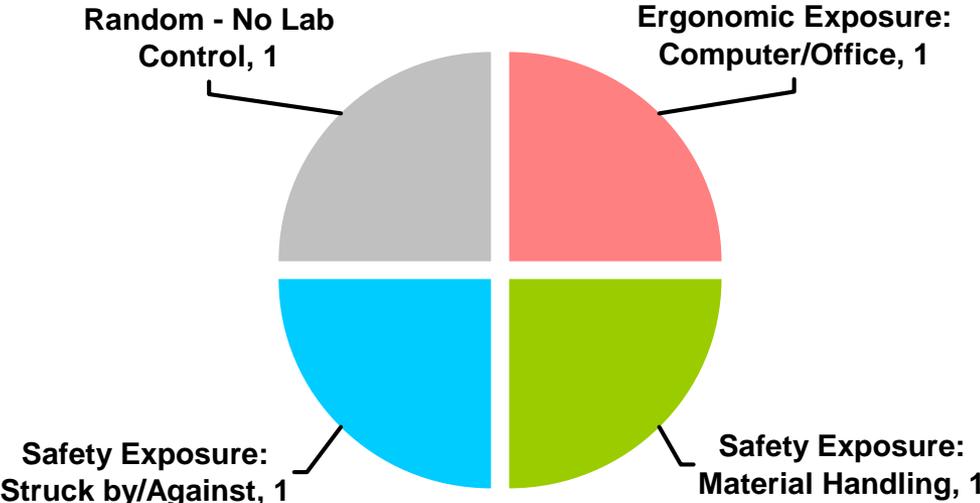
Cumulative DART (Days Away, Restricted, Transferred) Cases
By Fiscal Year



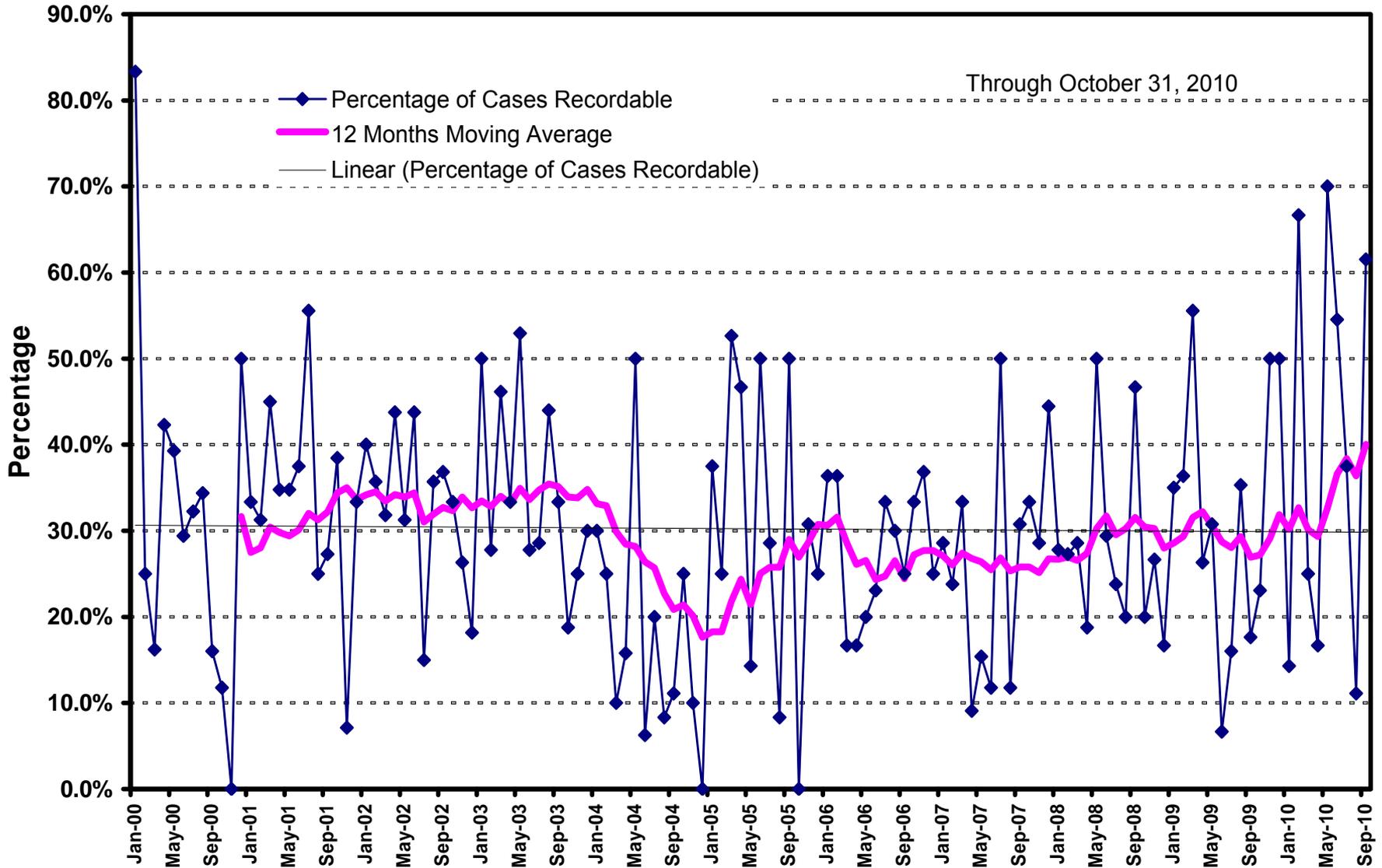
Recordable and DART Cases by Job Classification



Recordable Injury Categories and Causes FY2011 through October 31, 2010

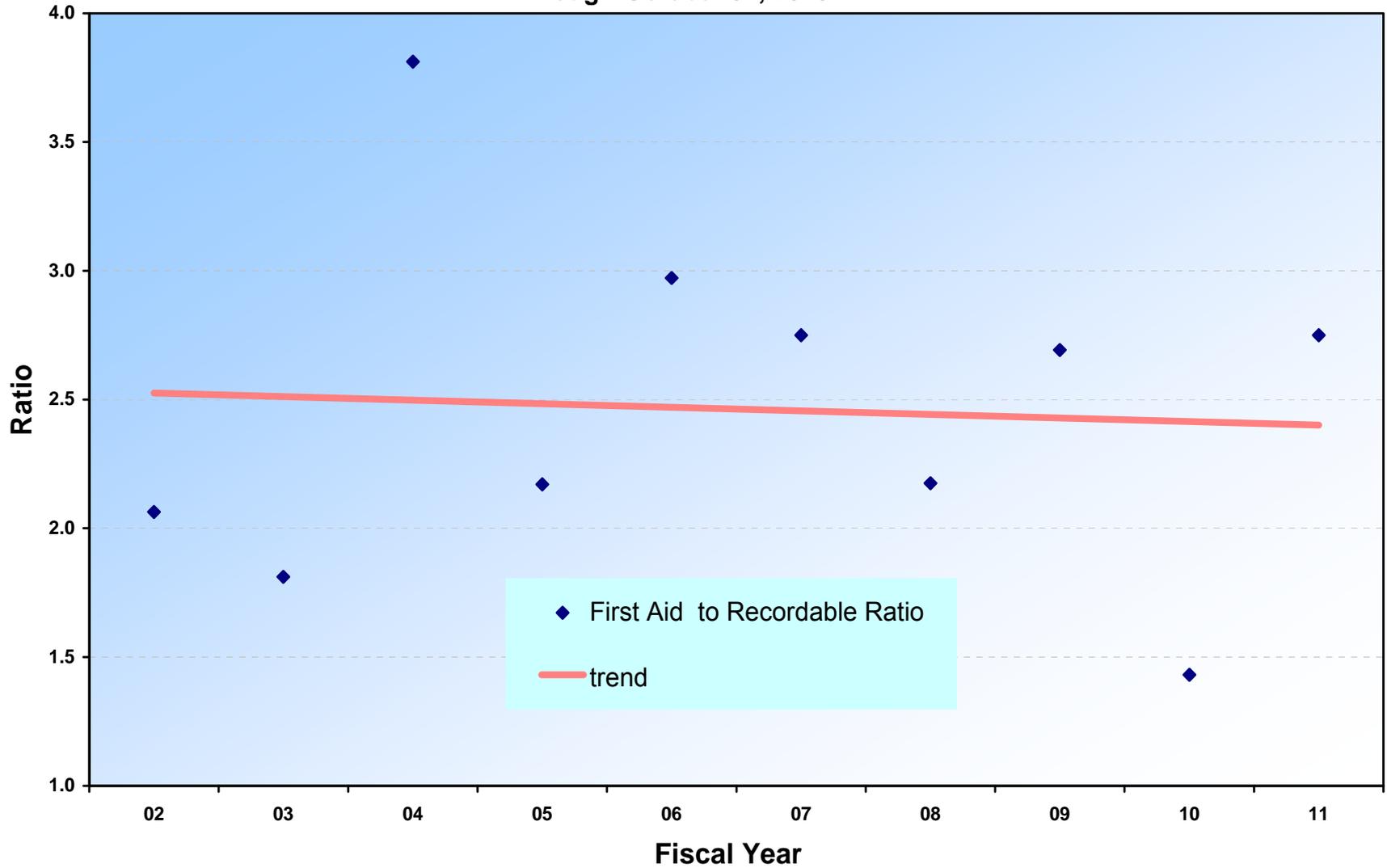


Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000

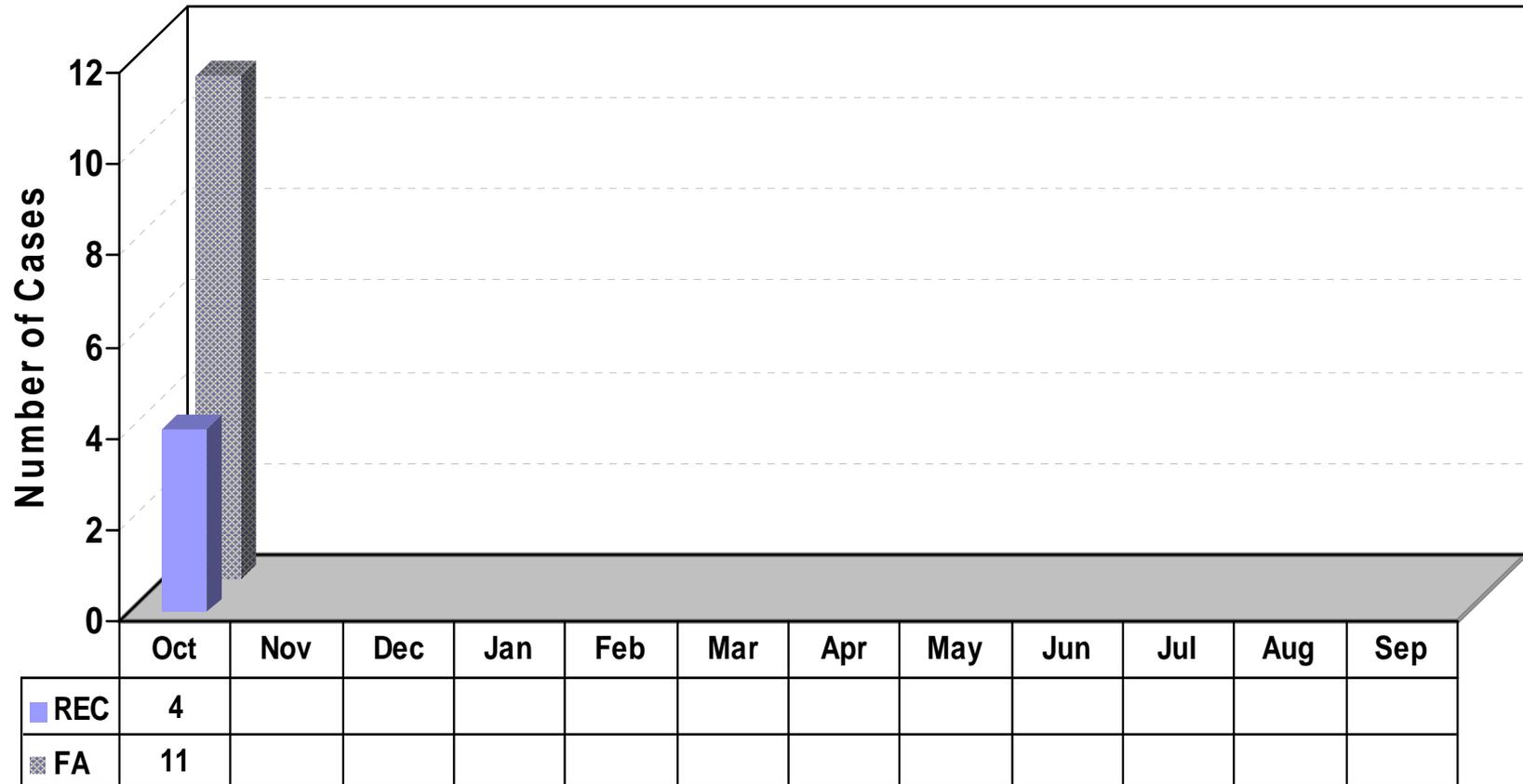


First Aid to Recordable Case Ratio

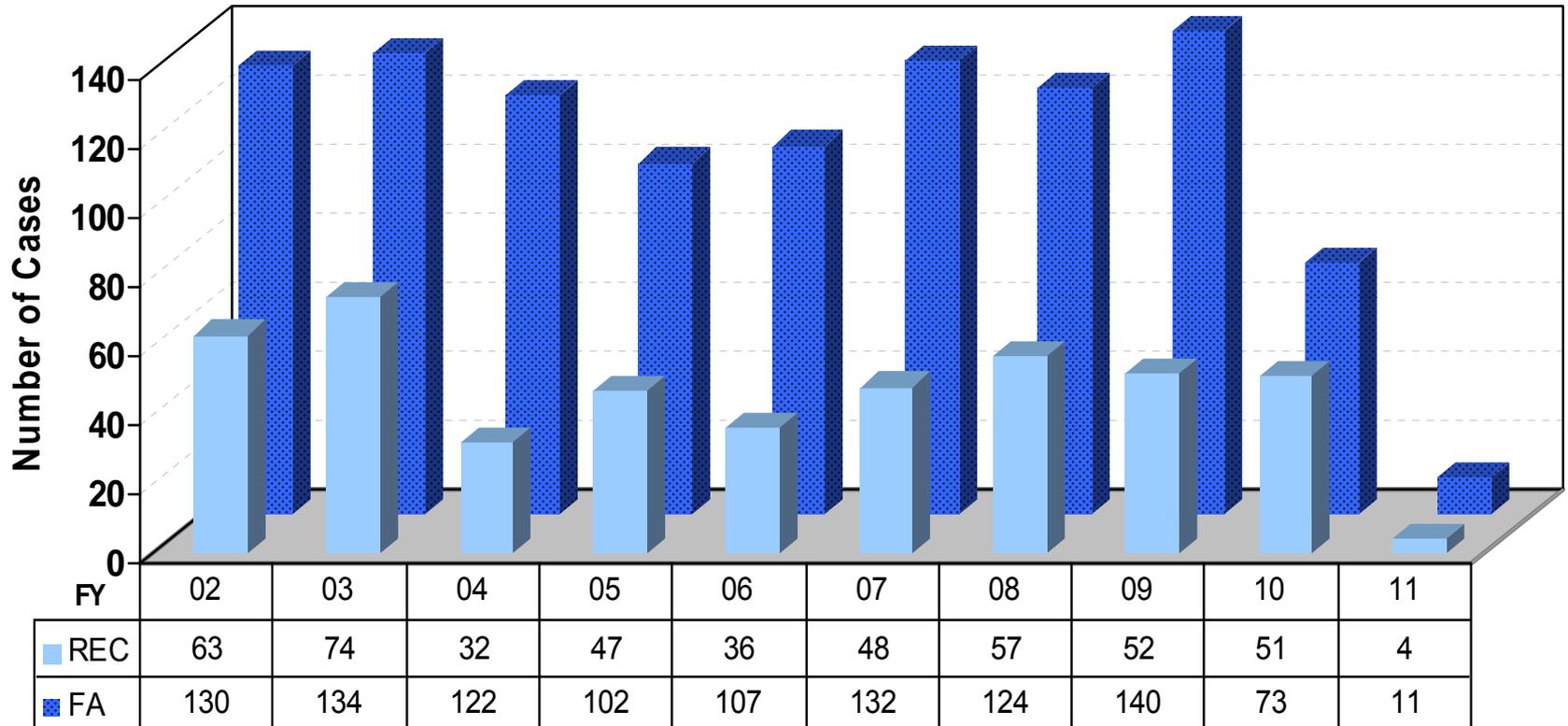
through October 31, 2010



FY2011 First Aid to Recordable Comparison through October 31, 2010



FY02 to FY2011 First Aid to Recordable Comparison through October 31, 2010



NERSC Center	0	0	0	0	0	0	0	0	0	0	0	0	0
General Sciences	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												
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												
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	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	2	0	2										
LBNL Total	2	0	2										
LBNL Construction	0												
LBNL Service Subcontractors	1	0	1										
Site Grand Total	3	0	3										
<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+				