

Berkeley Lab Accident Statistics Through April 30, 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 rwfisher@lbl.gov

Injury/Illness Cases – Ergonomic April 2011

- Administrative Assistant – Strain of right forearm
 - Intensive mouse use on a particular project contributed to this injury.
- Administrator – Strain of wrist
 - The employee used a laptop computer intensively for extended hours while on a two day assignment away from the office workstation.

Injury/Illness Cases – Fall on Stairs April 2011

- Administrative Assistant – Avulsion on lower legs
 - The employee was walking down the stairway (holding onto the handrail) from the B50 parking lot to Smoot Rd. The employee slipped and fell down several steps to the next landing. The employee landed face down and suffered avulsion and bruising to both legs and left ankle.

Injury/Illness Cases – Strain/Sprain April 2011

- Groundskeeper – Strain of knee
 - The employee had been working from kneeling position for several hours during a shift periodically over the course of a week and a half. The employee noted some discomfort and swelling of the right knee.
- Plant Maintenance Technician – Strain of lumbar spine
 - The employee experienced increased radiating back pain while sitting in a conference room chair.

Injury/Illness Cases – Strain/Sprain April 2011

- Administrative Specialist – Strain of lumbar spine
 - The employee was bending and moving binders from one lower file drawer to another drawer and noted pain in the lower back.
- Mechanical Engineering Technician – Strain of lumbar spine
 - The employee felt sudden pain in the back while lifting a 30 pound spool of wire onto a truck.

Injury/Illness Cases – Strain/Sprain April 2011

- Health Physicist – Strain of thoracic spine
 - The employee felt discomfort in the back after moving office space. The employee engaged in packing, rearranging some furniture and a partition, and moving a server.

Injury/Illness Cases - Contusion

April 2011

- Lighting Technician – Contusion on foot
 - The employee's boot heel was caught between the bottom edge of the storage area gate and the ground.
- Scientific Engineering Associate – Contusion on head
 - The employee was carrying a box while exiting through a roll up door at the south end of Building 7. The roll up door was not opened to the full 8 foot height and the employee's head struck the bottom edge of the door.

Injury/Illness Cases – Chemical April 2011

- Guest Scientist - Brief chemical inhalation exposure
 - The employee encountered an irritating gas when opening an ICP#3 etching chamber that had been vented after noting malfunction of the unit.
- Scientific Engineering Associate – Brief chemical inhalation exposure
 - The employee encountered an irritating gas when opening an ICP#3 etching chamber that had been vented after noting malfunction of the unit.

Injury/Illness Cases – Chemical

April 2011

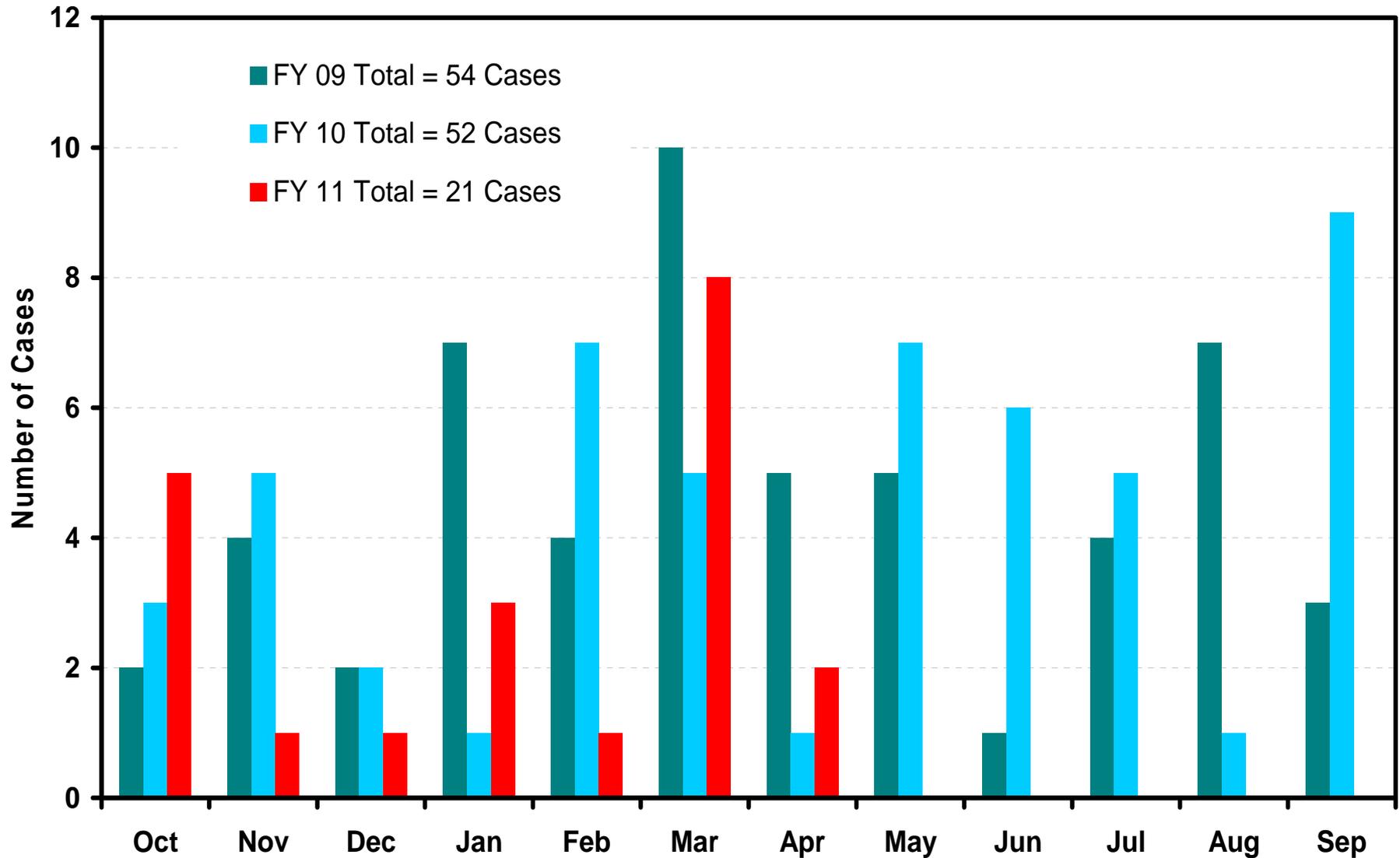
- Graduate Student Research Assistant – Report of chemical odor
 - The employee opened a new shipment box of chloroform. One of the containers had broken (but already evaporated). The employee noticed an odor of chloroform.

Injury/Illness Cases - Laceration

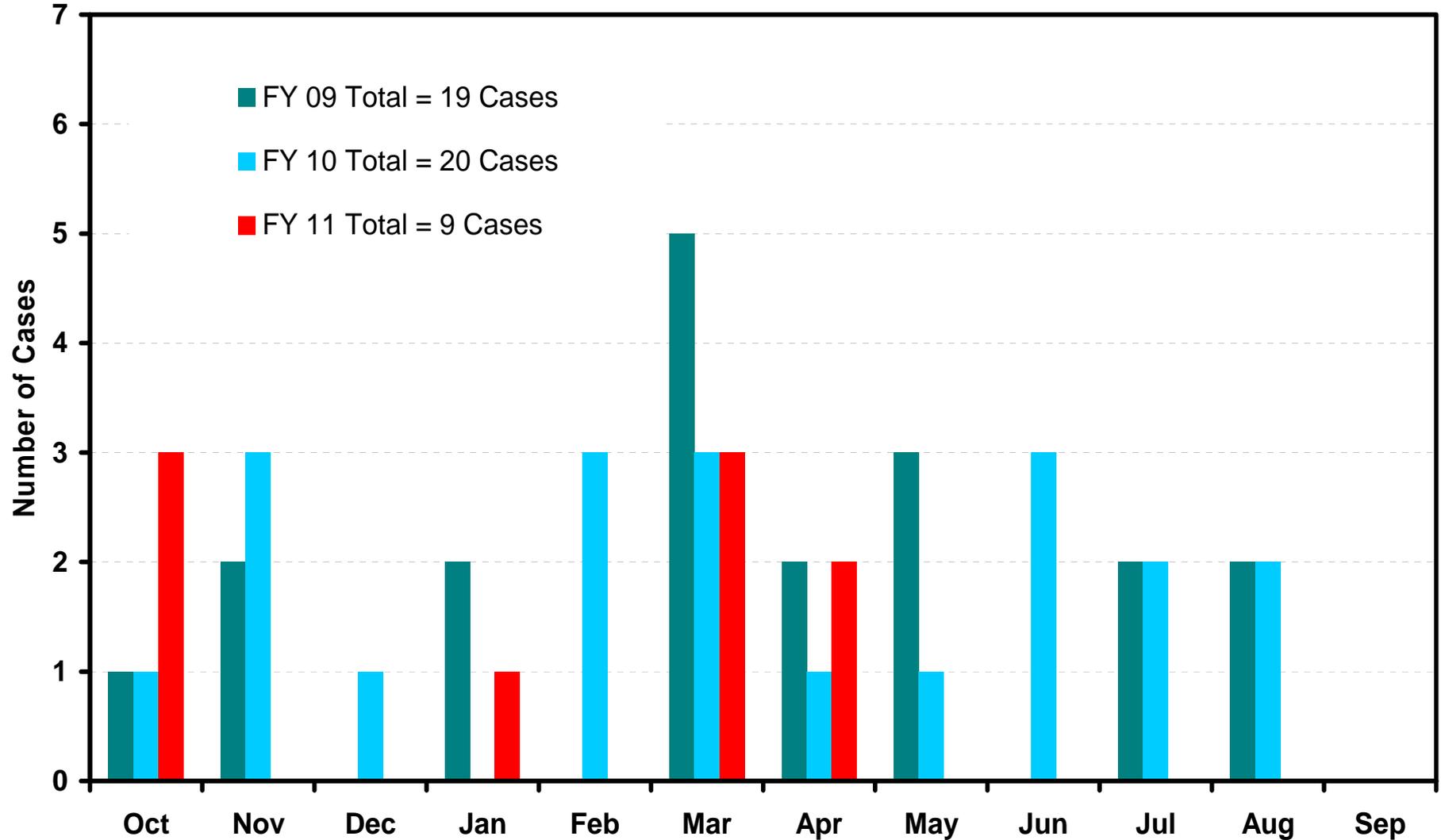
April 2011

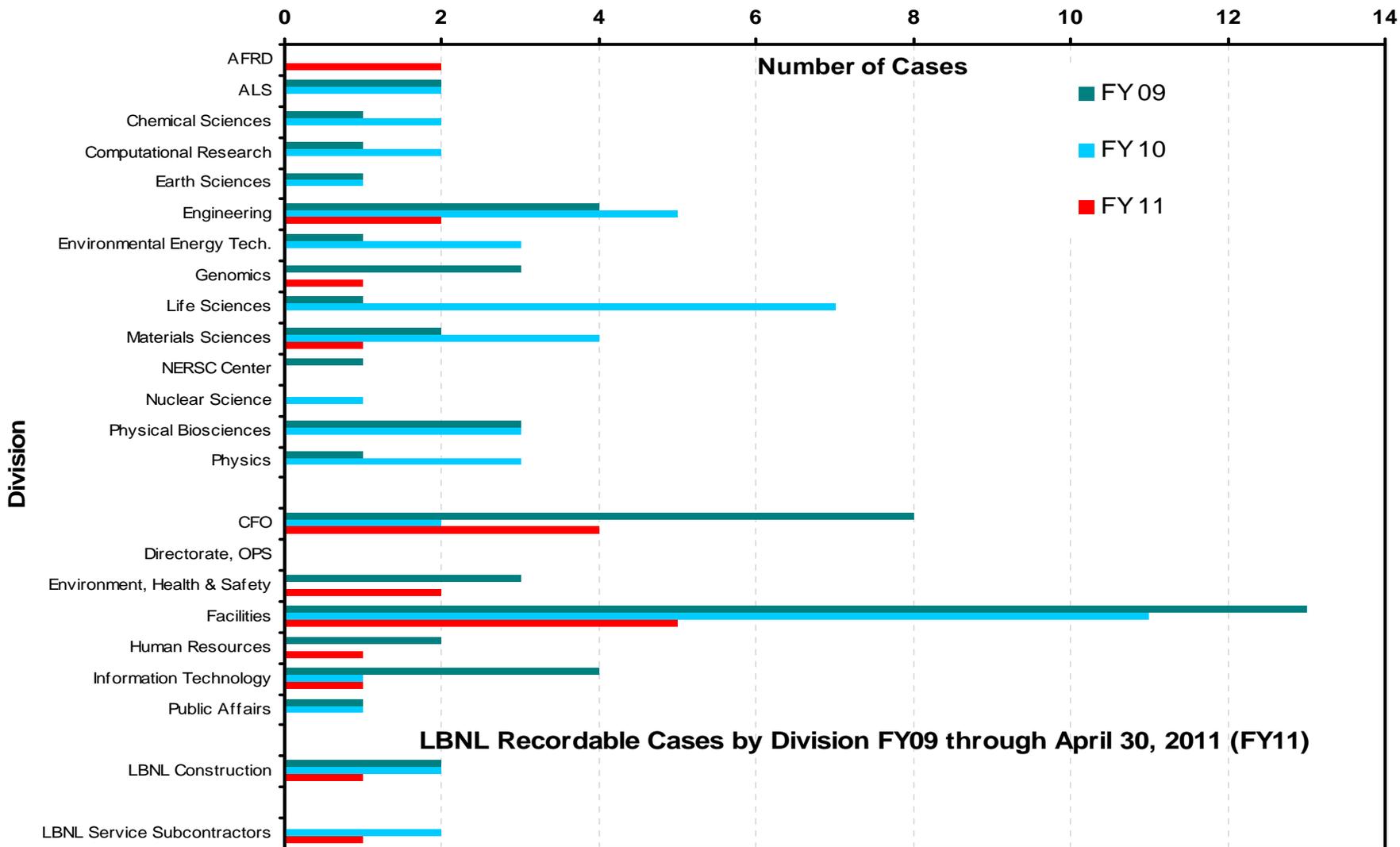
- Research Assistant – Laceration of finger
 - Pressure build up while thawing (liquid nitrogen inside the vial) caused a cryo vial cap to fracture and pop off. The projectile struck the employee's finger.

LBNL Recordable Cases FY09 through April 30, 2011 (FY11)

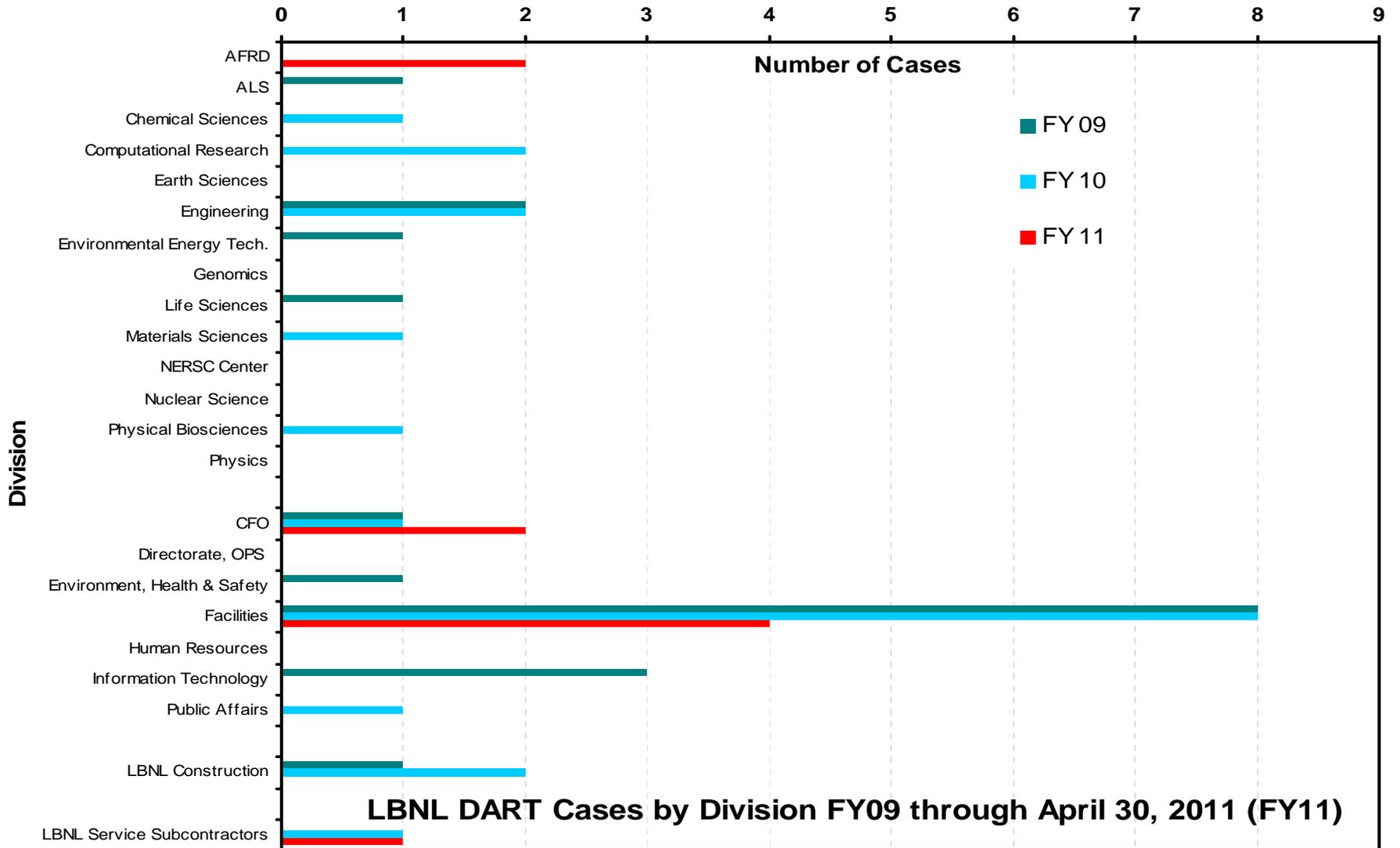


LBNL DART Cases FY09 through April 30, 2011 (FY11)

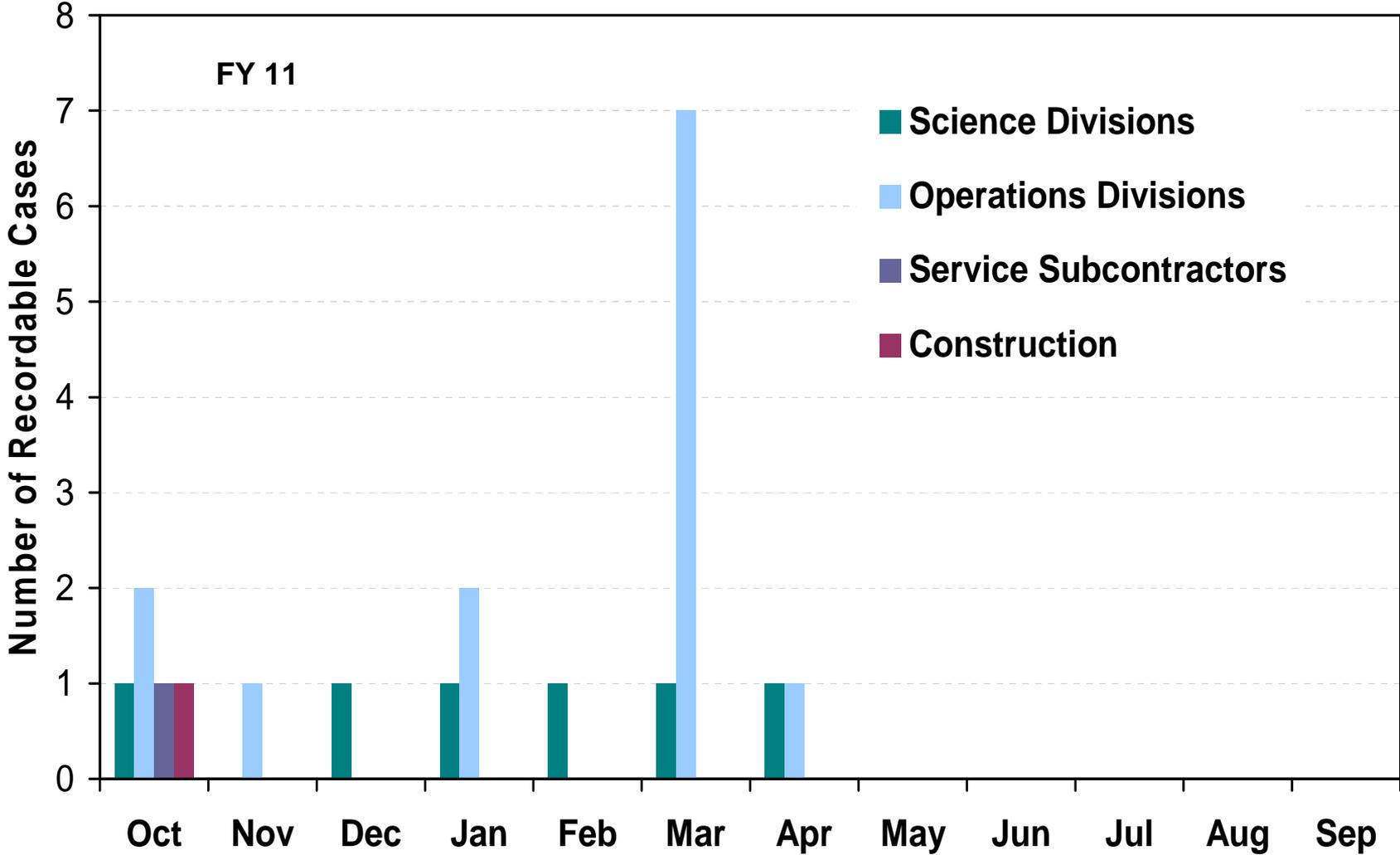




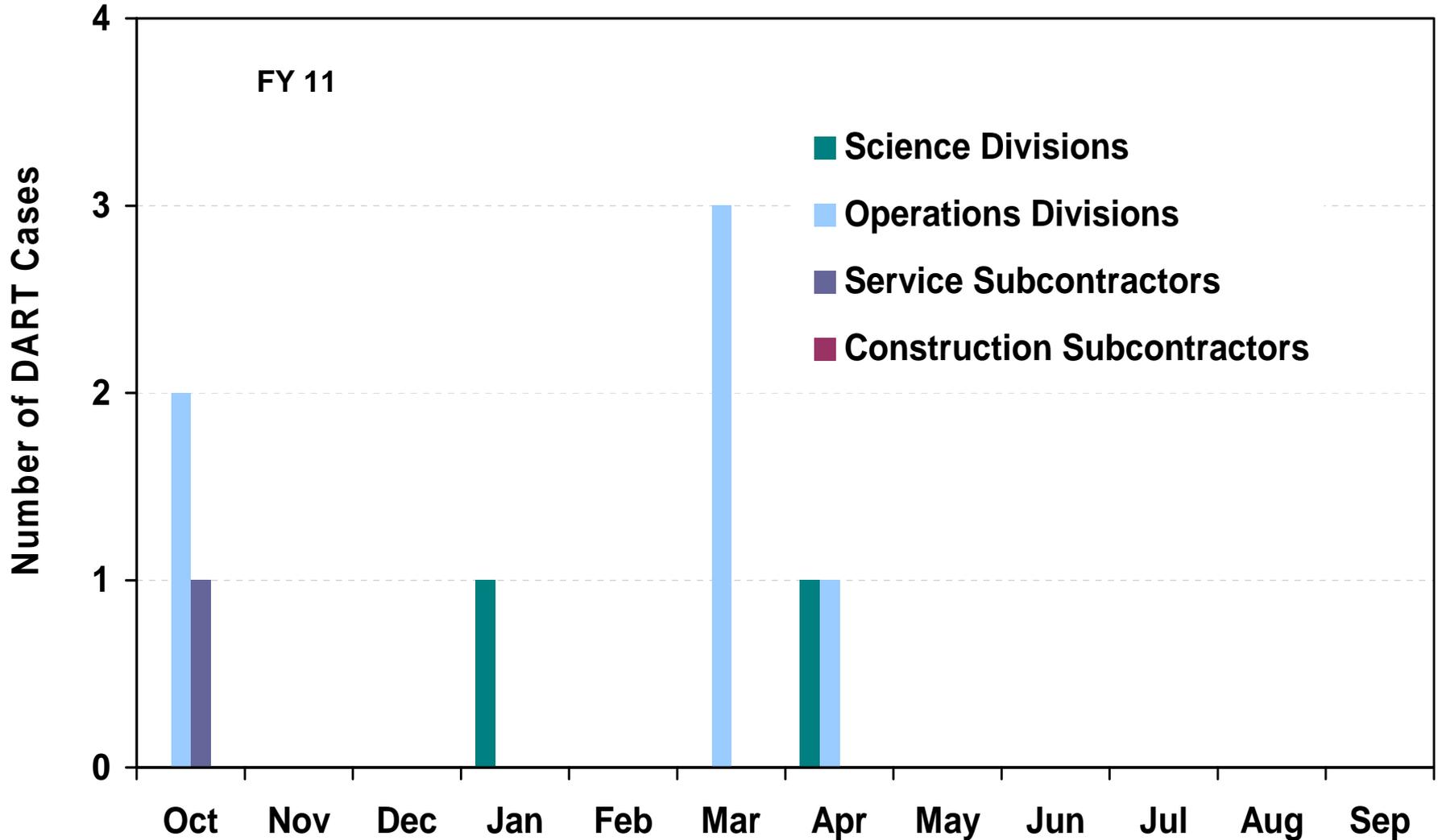
LBNL Recordable Cases by Division FY09 through April 30, 2011 (FY11)



Recordable Cases by LBNL Major Organization



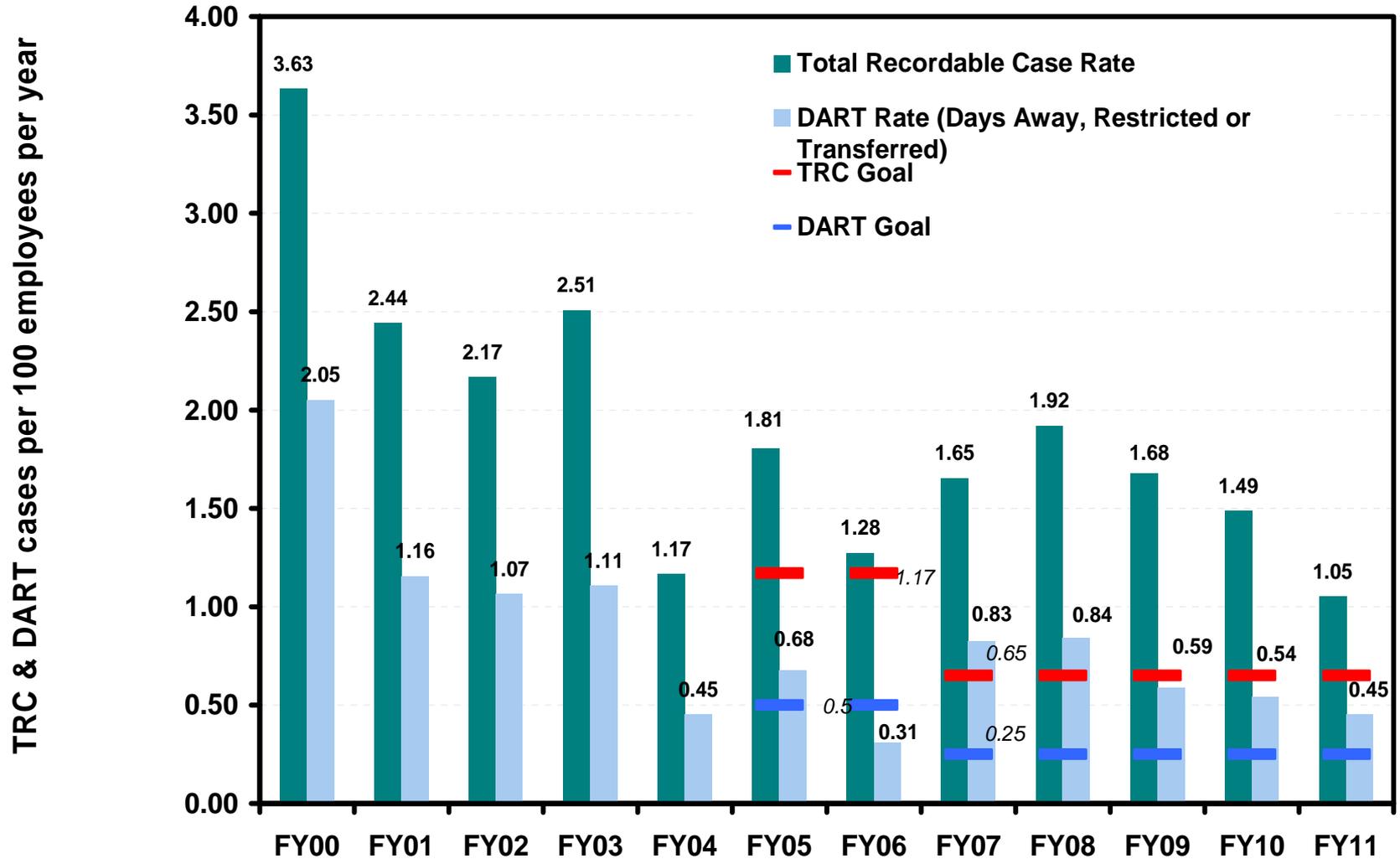
DART Cases by LBNL Major Organization



Berkeley Lab Site-Wide TRC & DART Rates

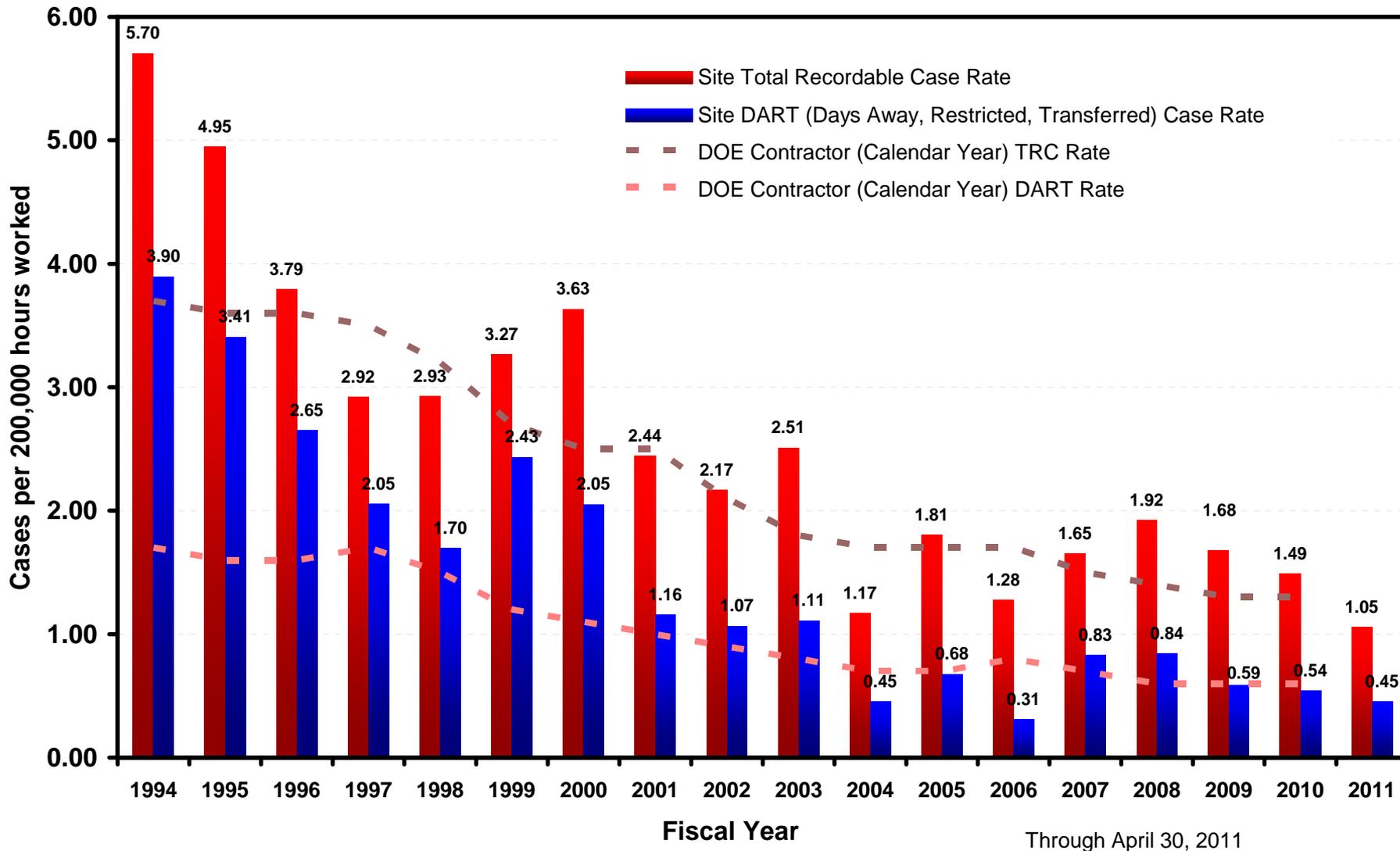
(Includes all Construction and Service Contractors)

Through April 30, 2011



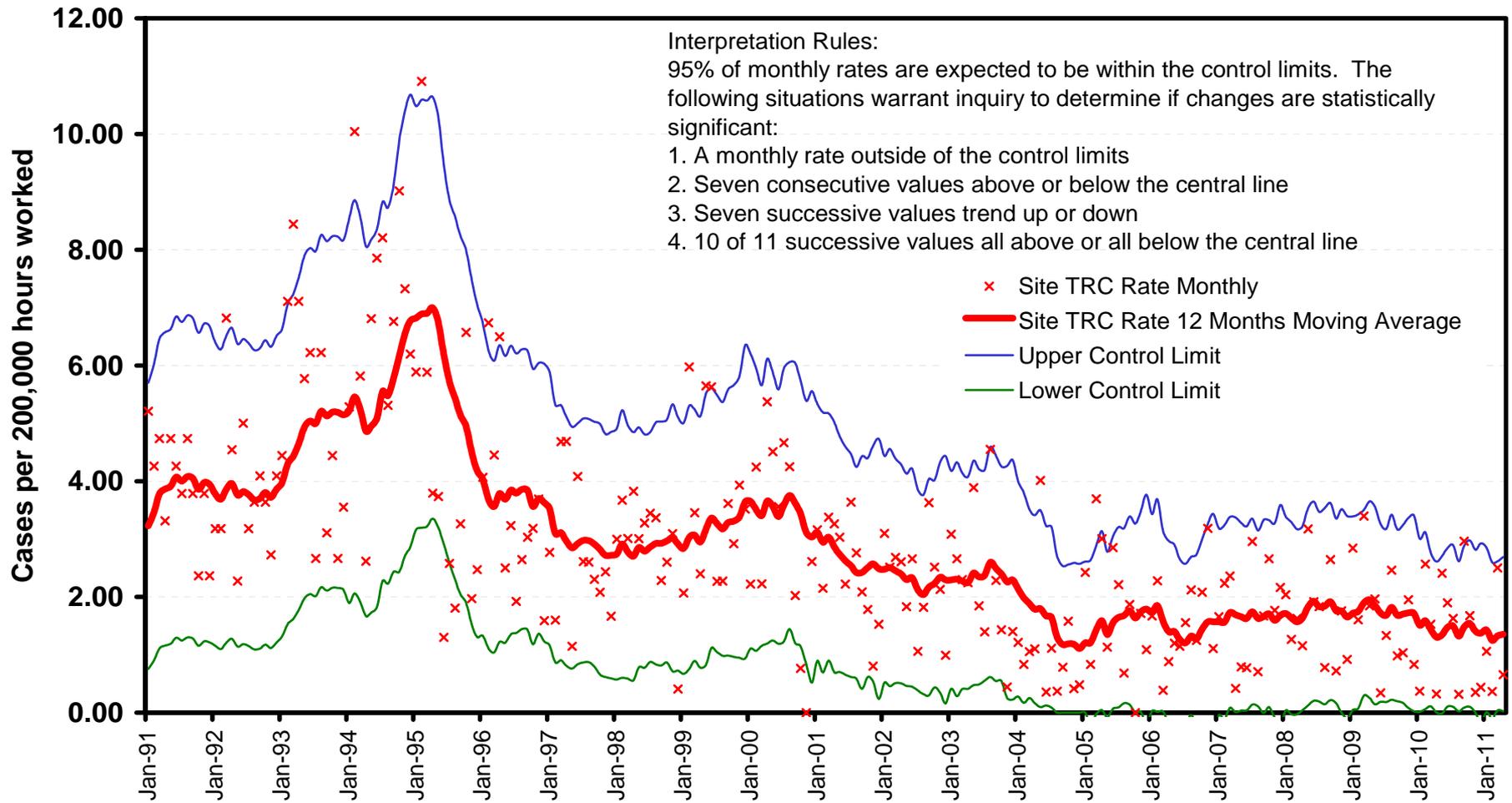
LBNL vs DOE Contractor Rates

Berkeley Lab Site Accident Rates



Long Term Injury Rates - TRC

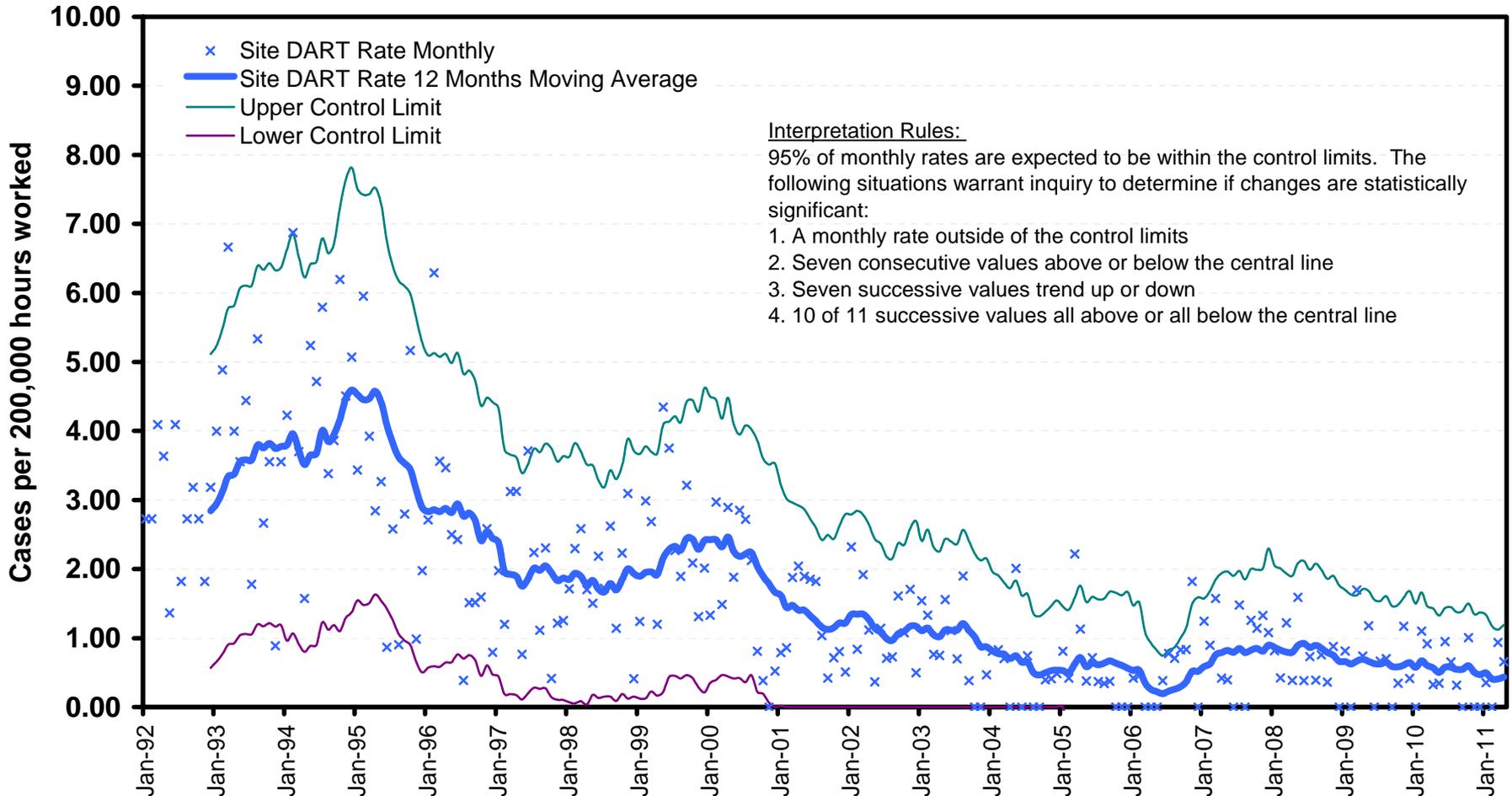
Berkeley Lab Total Recordable Case Rates With Control Limits At 95% Confidence Level



Through April 30, 2011

Long Term Injury Rates - DART

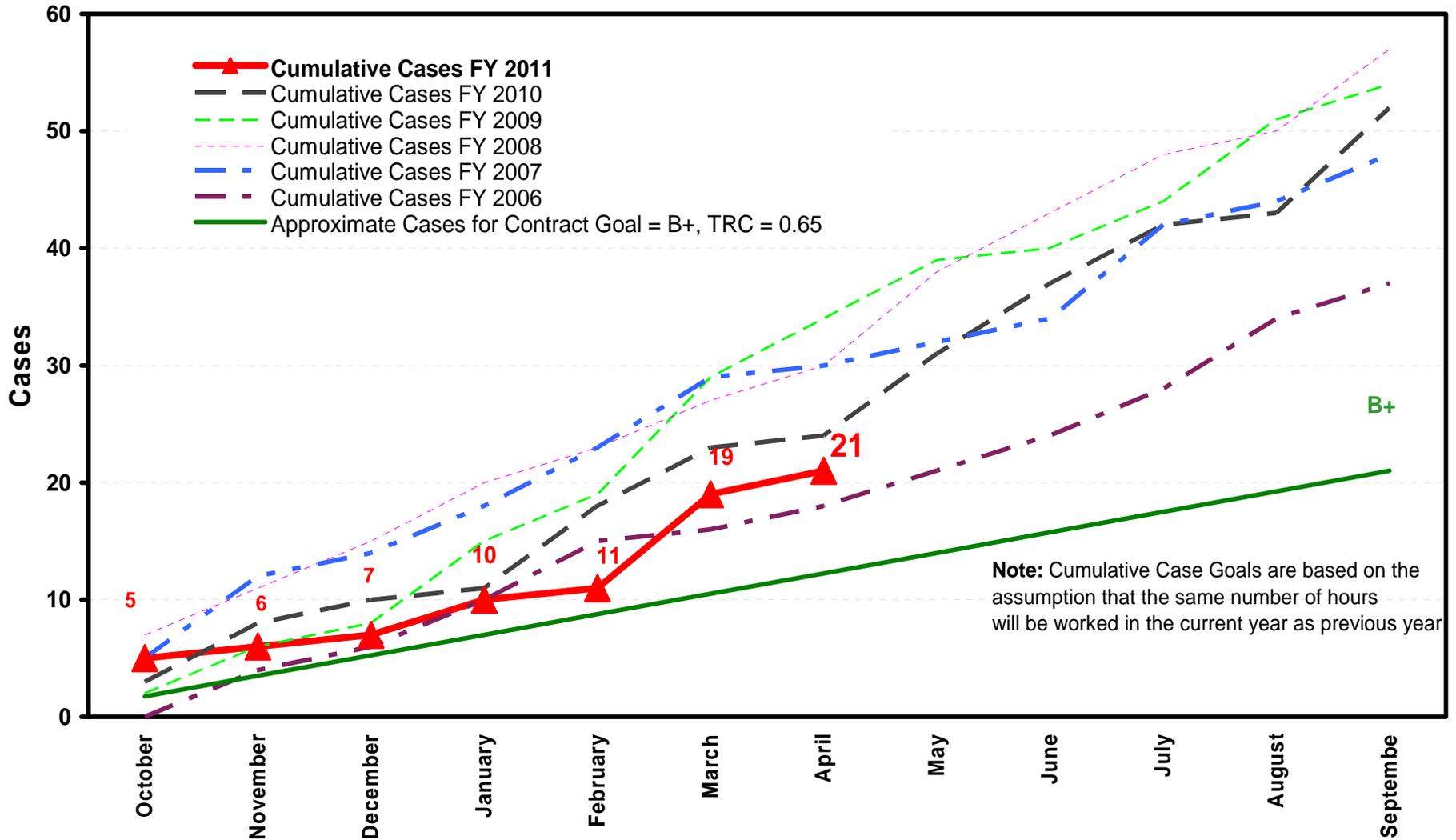
Berkeley Lab DART Rates With Control Limits At 95% Confidence Level
(Cases with Days Away, Restricted or Transferred)



Through April 30, 2011

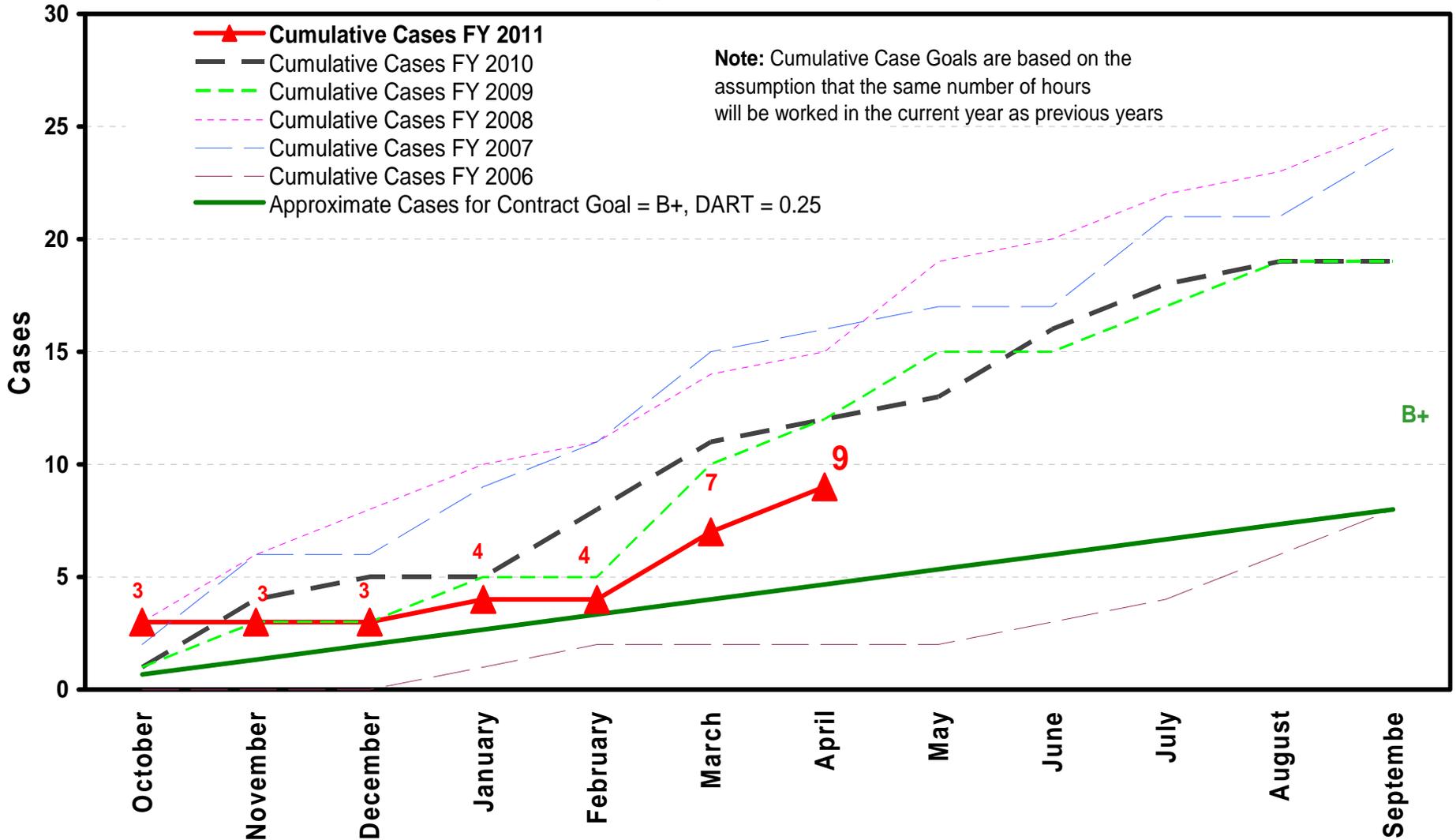
Performance vs Contract Goals - TRC

Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year



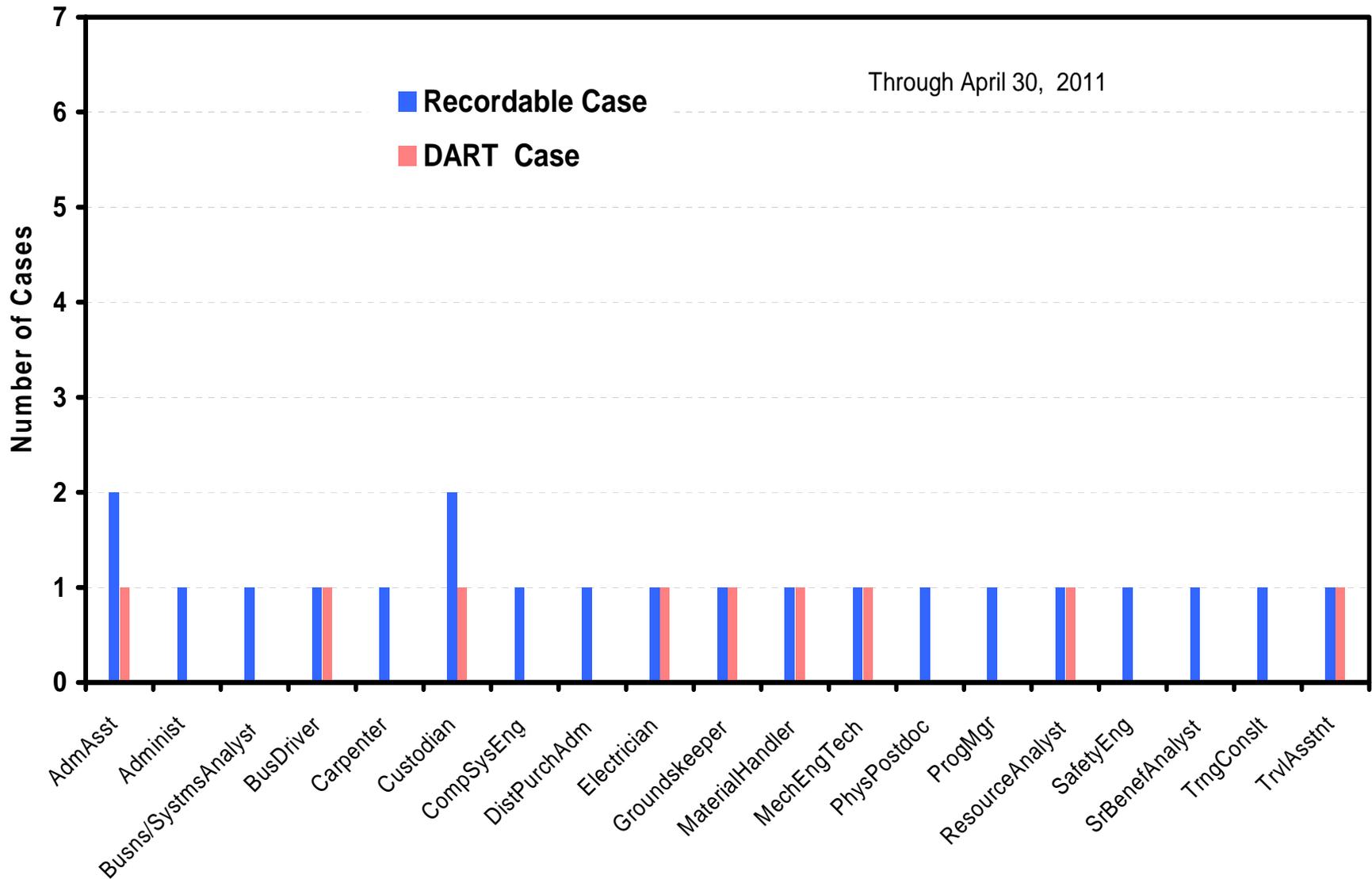
Performance vs Contract Goals - DART

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



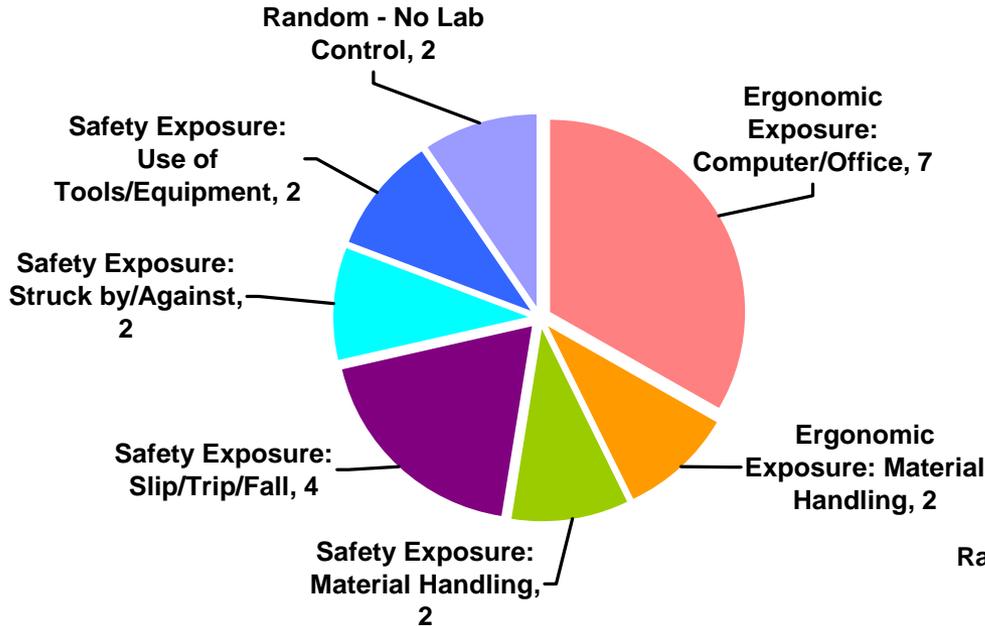
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Recordable and DART Cases by Job Classification

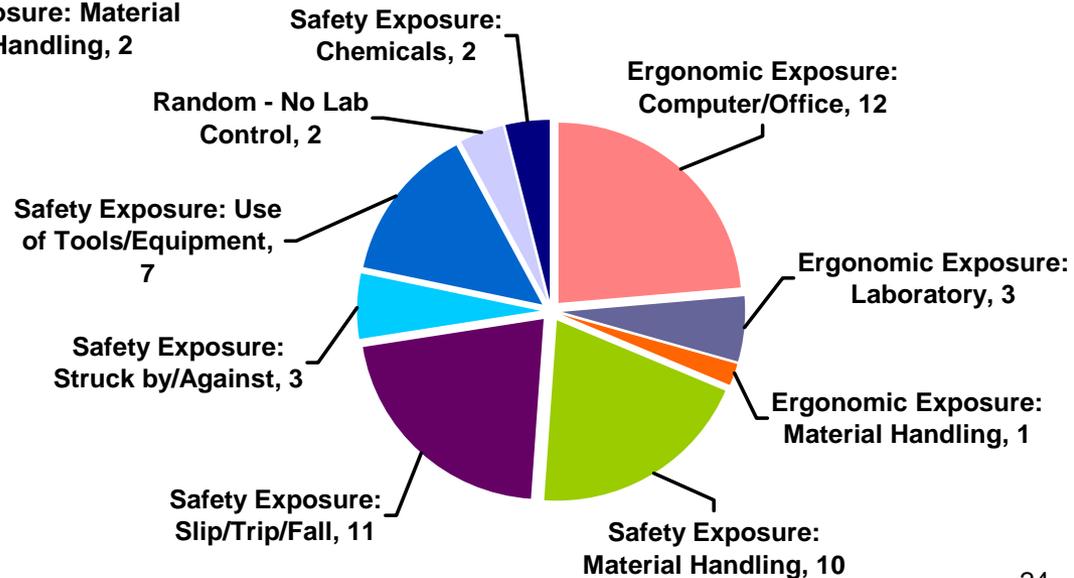


Recordable Injury Categories and Causes

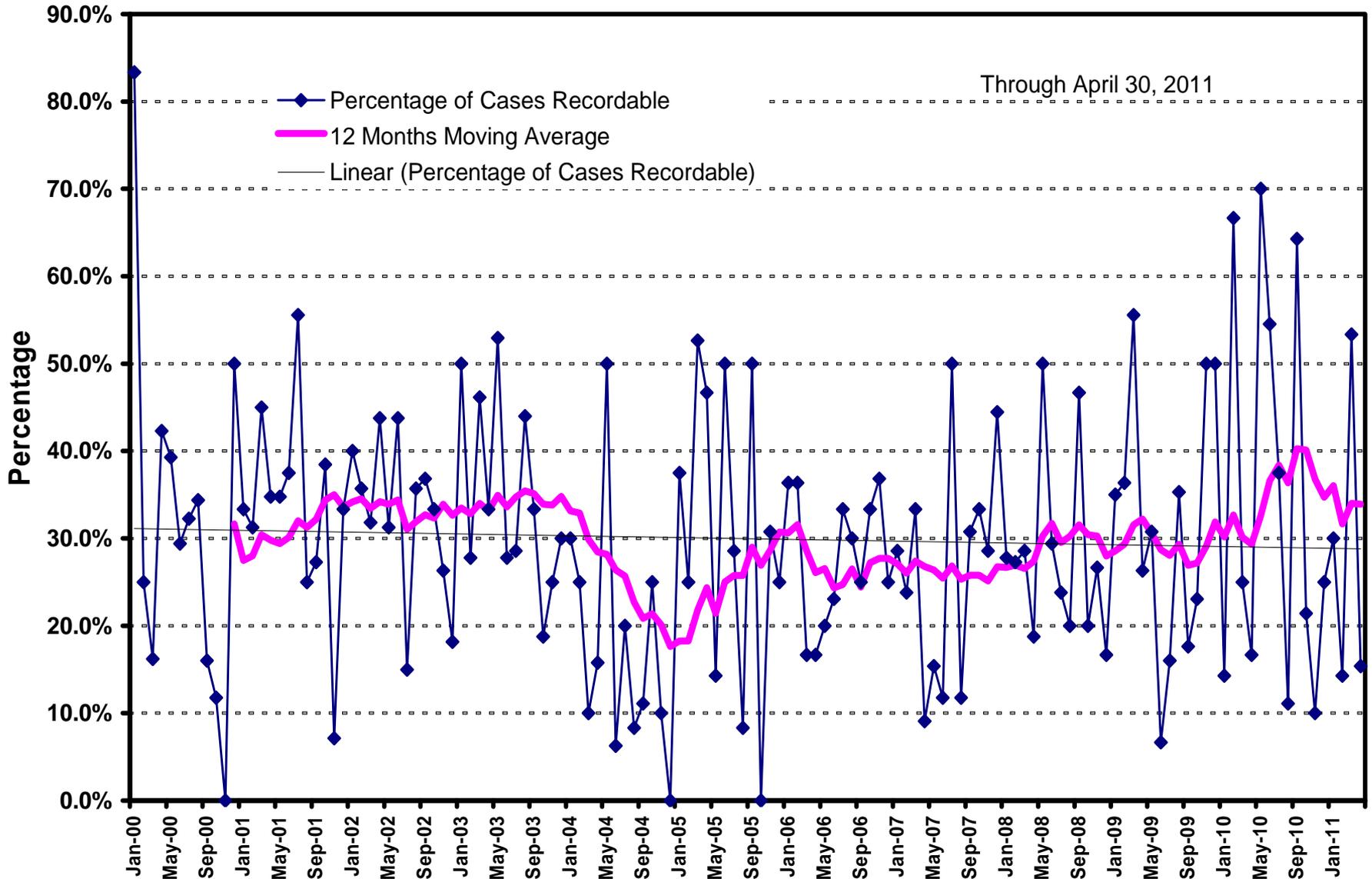
FY 2011 through April 30, 2011



FY 2010

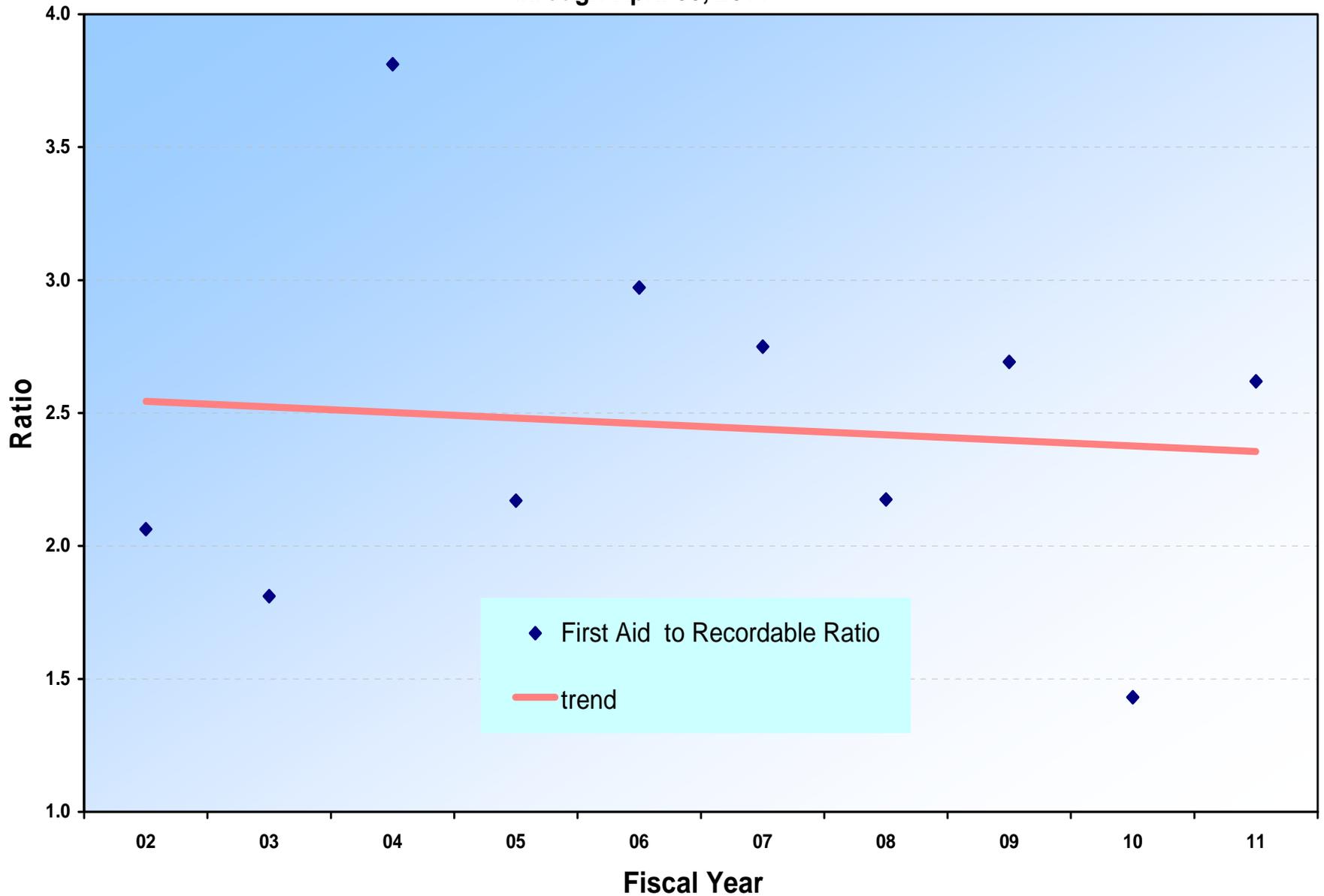


Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000

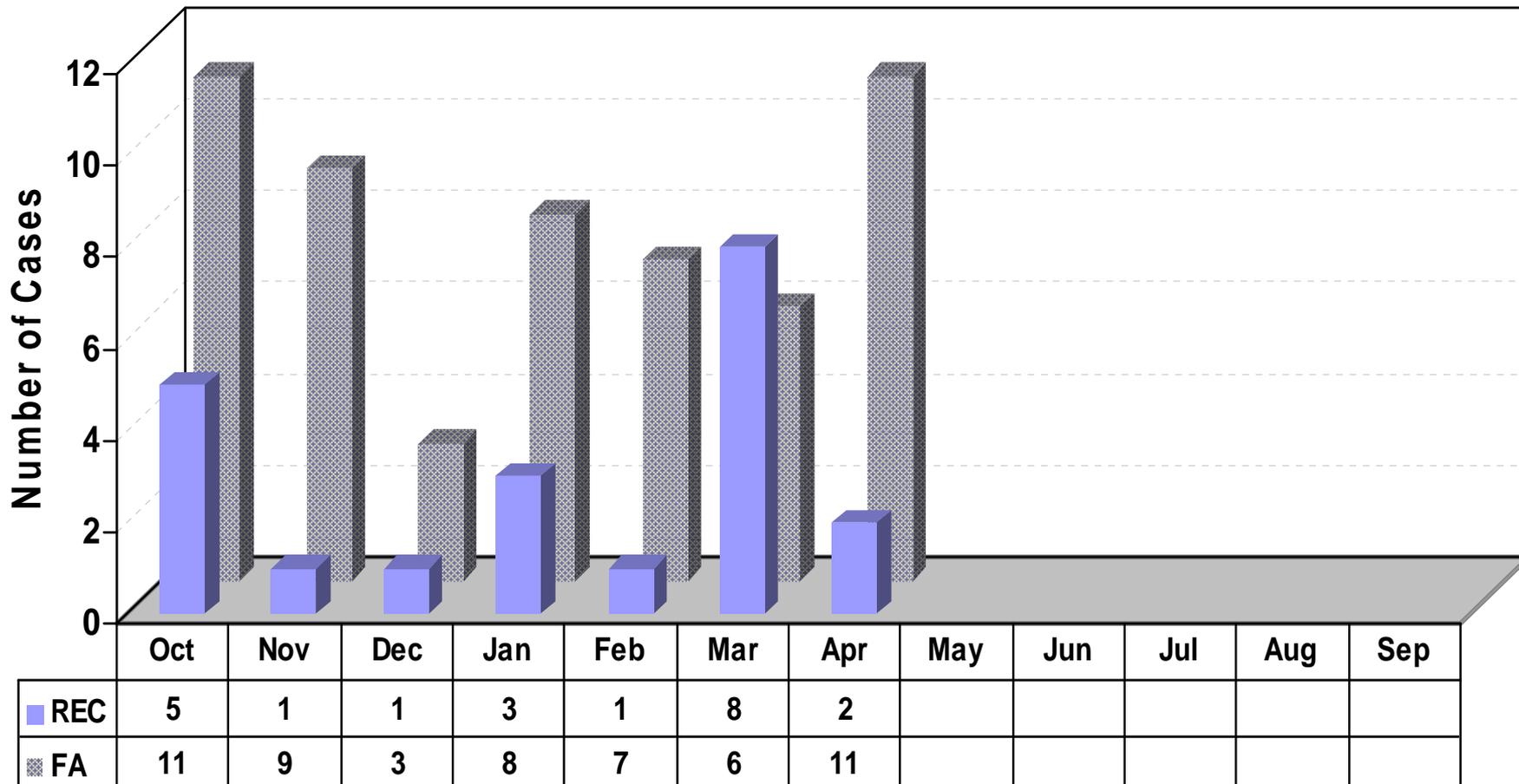


First Aid to Recordable Case Ratio

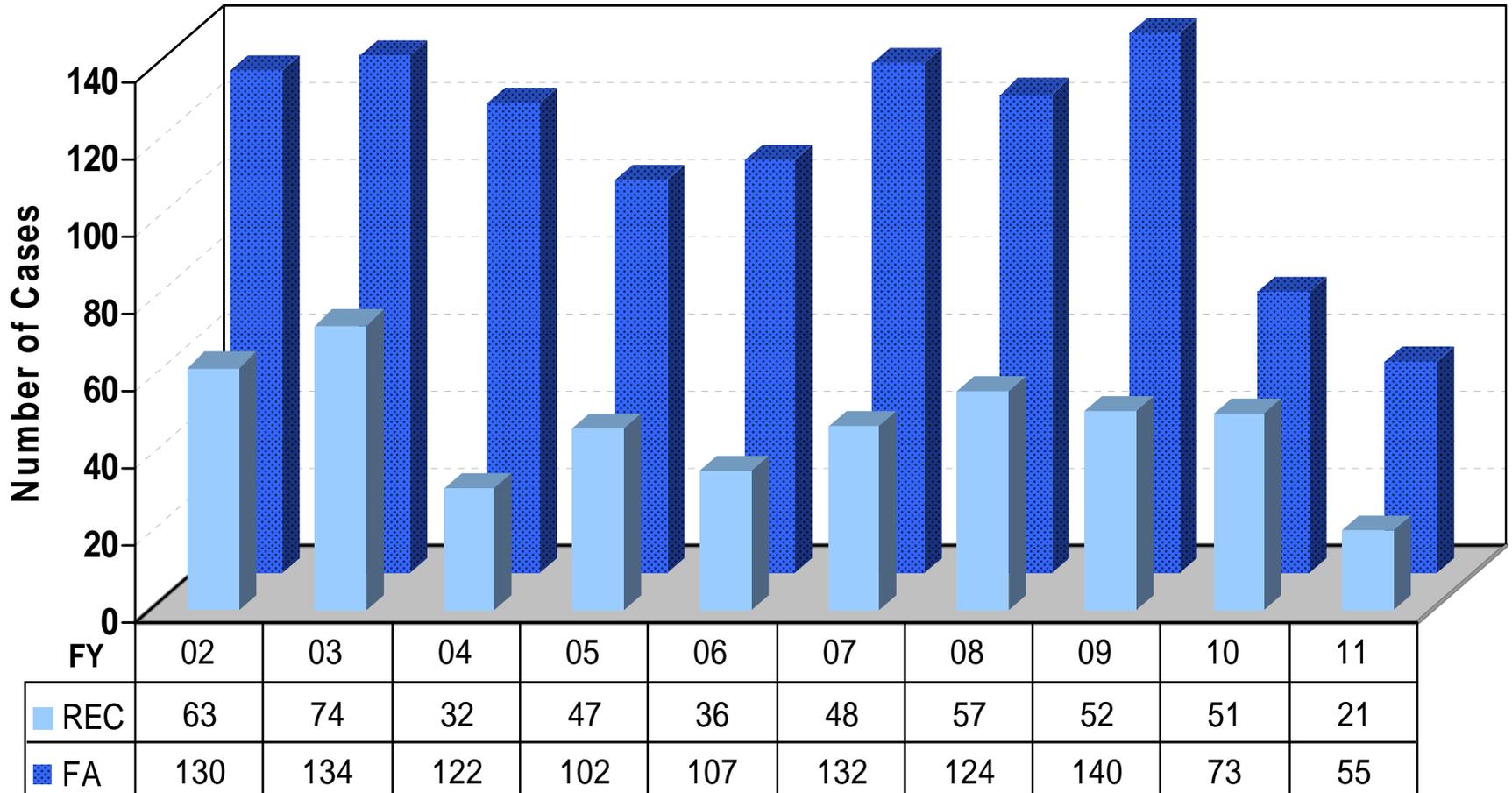
through April 30, 2011



FY2011 First Aid to Recordable Comparison through April 30, 2011



FY02 to FY2011 First Aid to Recordable Comparison through April 30, 2011



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	1	1	1	0	1	0	0	0	0	0	4
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	0	0	0	0	0
Life & Environmental Sciences	0	0	0	0	0	1	0	0	0	0	0	0	1
Earth Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0
Genomics	0	0	0	0	0	1	0	0	0	0	0	0	1
Life 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
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	0	0	1
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	0	0	0	0	6
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	0	0	0	0	0	5
Human Resources	0	0	0	0	0	1	0	0	0	0	0	0	1
Information Technology	0	0	0	1	0	0	0	0	0	0	0	0	1
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	0	7	1	0	0	0	0	0	13
LBNL Total	3	1	1	3	1	8	2	0	0	0	0	0	19
LBNL Construction	1	0	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	5	1	1	3	1	8	2	0	0	0	0	0	21
<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+				

Data as of 4/30/11

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	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	0	0	1	0	0	1	0	0	0	0	0	2
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	0	0	0	0	0	4
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	0	0	0	0	0	6
LBNL Total	2	0	0	1	0	3	2	0	0	0	0	0	8
LBNL Construction	0	0	0	0	0	0	0	0	0	0	0	0	0
LBNL Service Subcontractors	1	0	0	0	0	0	0	0	0	0	0	0	1
Site Grand Total	3	0	0	1	0	3	2	0	0	0	0	0	9
<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 4/30/11

Notes: Projections assume that hours worked will remain constant