

Berkeley Lab Accident Statistics Through March 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



New Features



New Features

- “At A Glance” clip art descriptor used in case narratives.

- Examples

- Slip, Trip and Fall
- Computer Workstation Ergonomic
- Struck Against



- Two new slides that compare organizational injury case profile by month.

- Science Divisions
- Operations Divisions
- Services Subcontractors
- Construction Subcontractors



Injury/Illness Cases March 2011

- Benefits Analyst – Contusion to multiple body parts
 - The employee fell down the last three steps of a stairwell due to heel of boot catching in the hem of overcoat.



- Administrative Assistant – Contusion of knee
 - The employee's footing shifted after feeling an irregularity under the shoe while walking, causing a fall to the walkway.



Injury/Illness Cases March 2011

- Training Consultant – Contusion and strain of knee
 - The employee's foot slipped on a section of yellow walkway marking (wet due to rain) on the steep driveway area in front of Building 2, causing the employee to fall.



- Administrative Assistant – Knee and ankle strain
 - The employee slipped on a slick metal utility vault cover during heavy rainfall.



Injury/Illness Cases March 2011

- Administrator – Strain of thumb

- The employee noticed increasing pain in the thumb associated with keyboard and mouse use.



- Business Systems Analyst – Repetitive strain of upper extremities

- The employee noted increasing pain and limited motion in the upper extremities associated with use of keyboard and mouse.



Injury/Illness Cases March 2011

- Sheet Metal Worker – Laceration on back



- While working on a HVAC system in a congested location, the employee's back struck against the sharp corner of an electrical panel door that was blocked open due to in service LOTO equipment.

- Scientific Engineering Associate – Abrasion to head



- While installing experimental equipment in a congested space, the employee's head struck against another piece of the apparatus.

Injury/Illness Cases March 2011

- Custodian – Laceration of finger



– The employee was attempting to use a pocket knife to cut the plastic bead around a 1-gallon plastic bucket lid. The knife blade folded closed on the finger while applying downward pressure.

- Electrician – Strain of lower back



– The employee was reaching into the cargo area of the work van to re-position a 4 foot step ladder laying on top of tools and equipment and felt pain in the back.

Injury/Illness Cases

March 2011

- Scientific Meeting Visiting Attendee – Contusion of fingers

– While entering the meeting room the visitor placed his hand by the door edge/door frame gap to brace his balance to avoid bumping another attendee. The door closed partially and pinched two fingers.



- Electrician – Fiberglass splinters in hand

– The employee's hand glanced over the surface of a weathered guardrail (fiberglass construction) and several splinters were embedded in the hand.



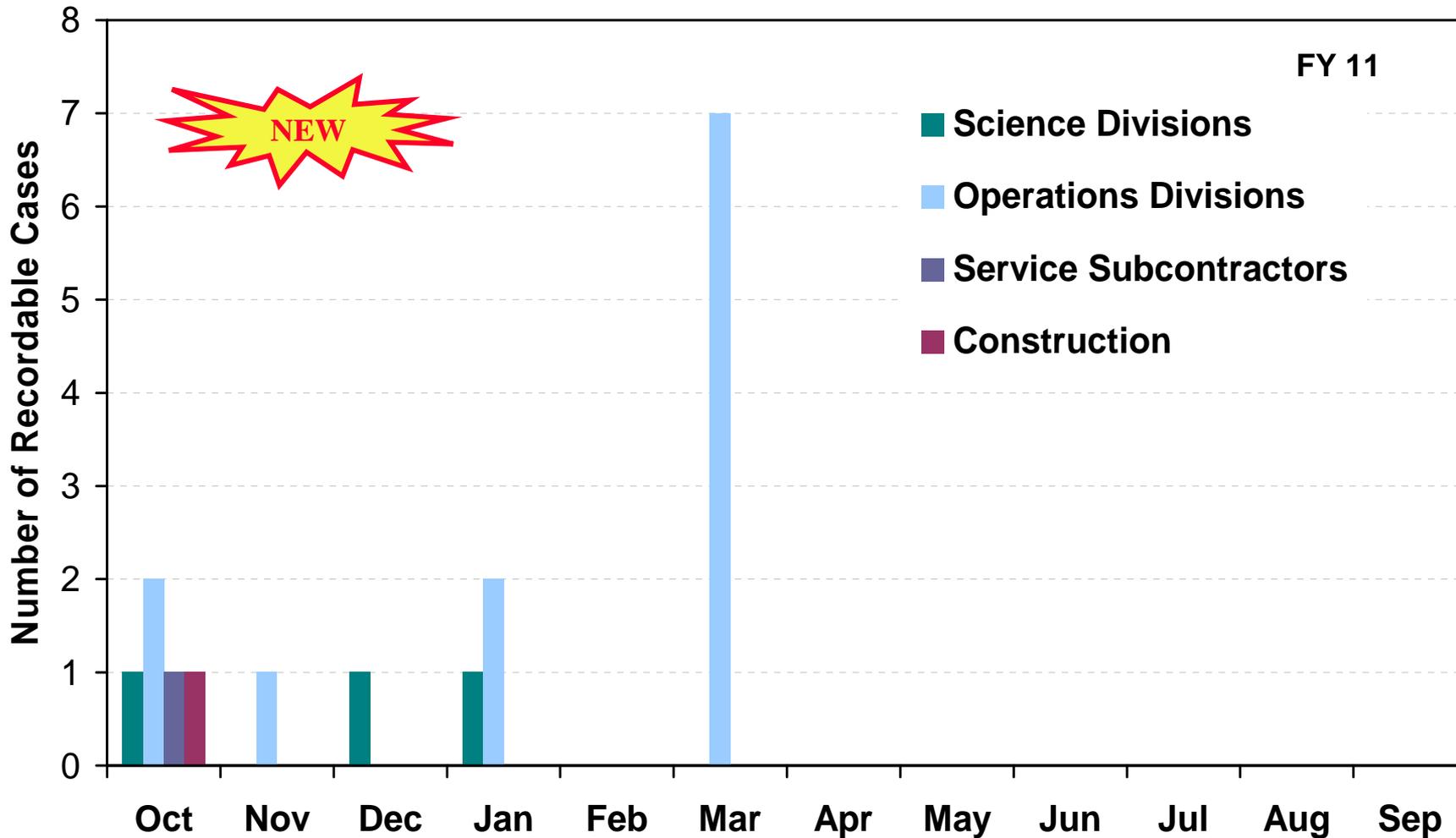
Injury/Illness Cases March 2011

- Custodian – Shoulder strain

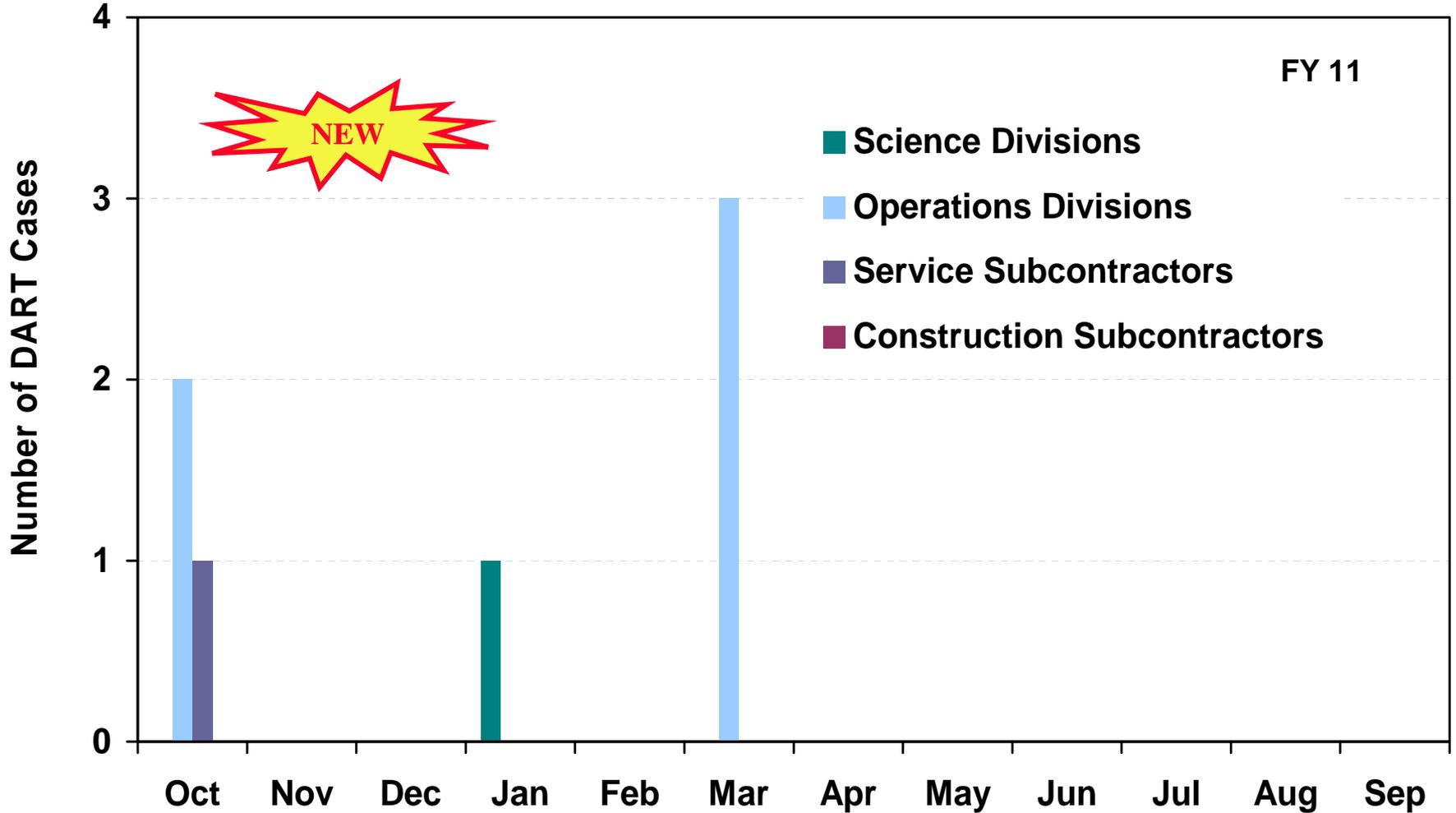
- The employee experienced a pain in the shoulder while tossing a bag of trash (20-30lbs) into a dumpster.



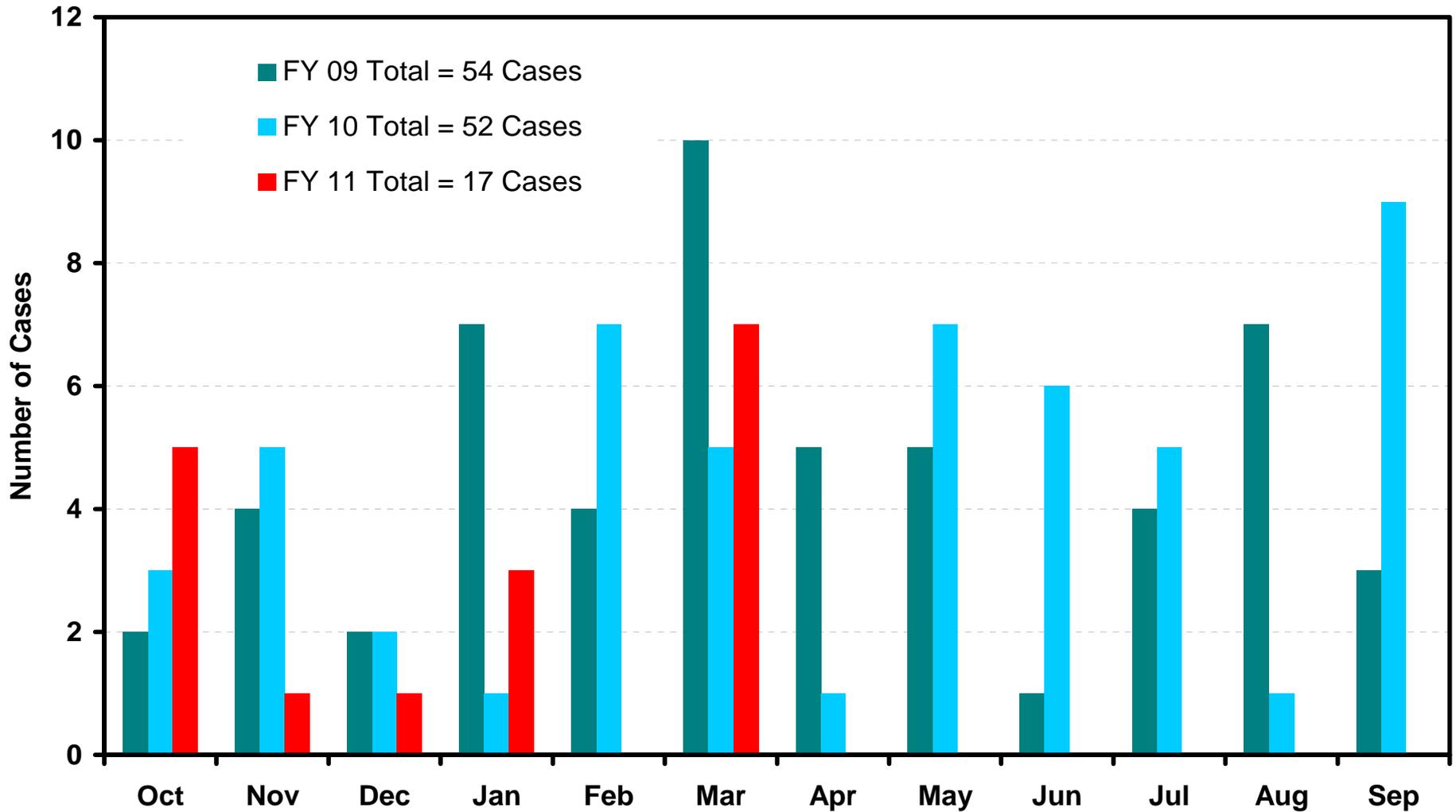
Recordable Cases by LBNL Major Organization



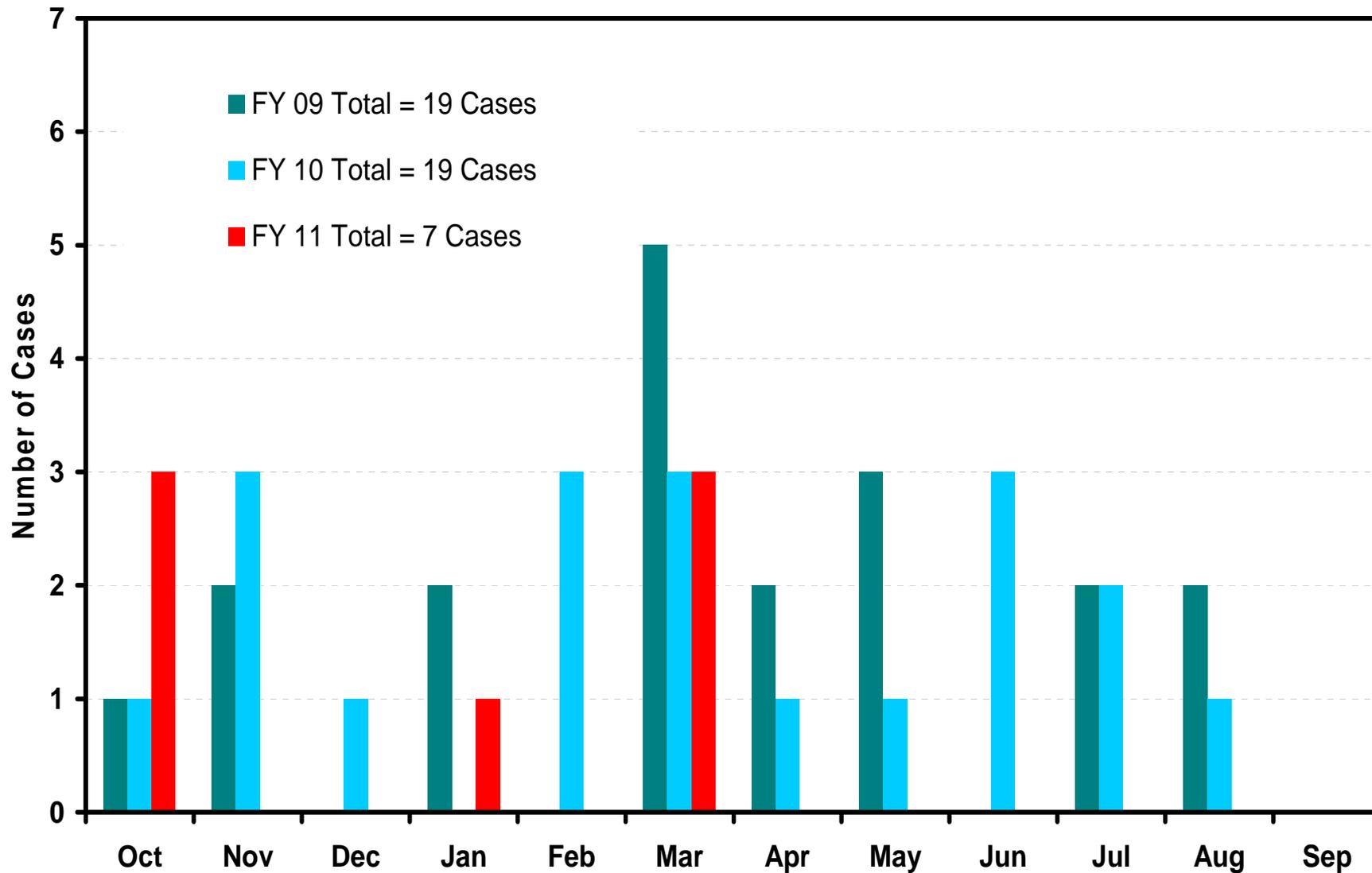
DART Cases by LBNL Major Organization

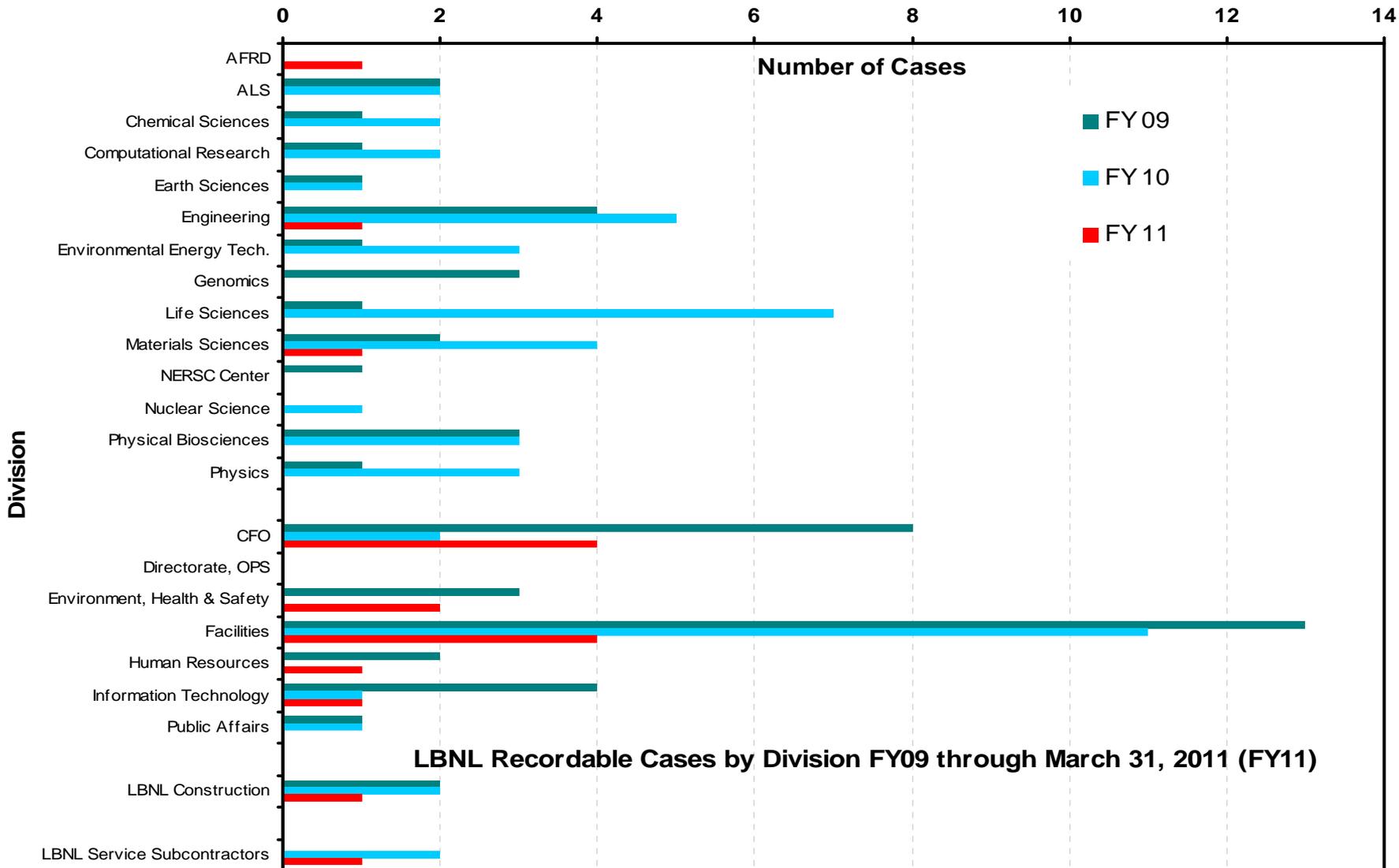


LBNL Recordable Cases FY09 through March 31, 2011 (FY11)

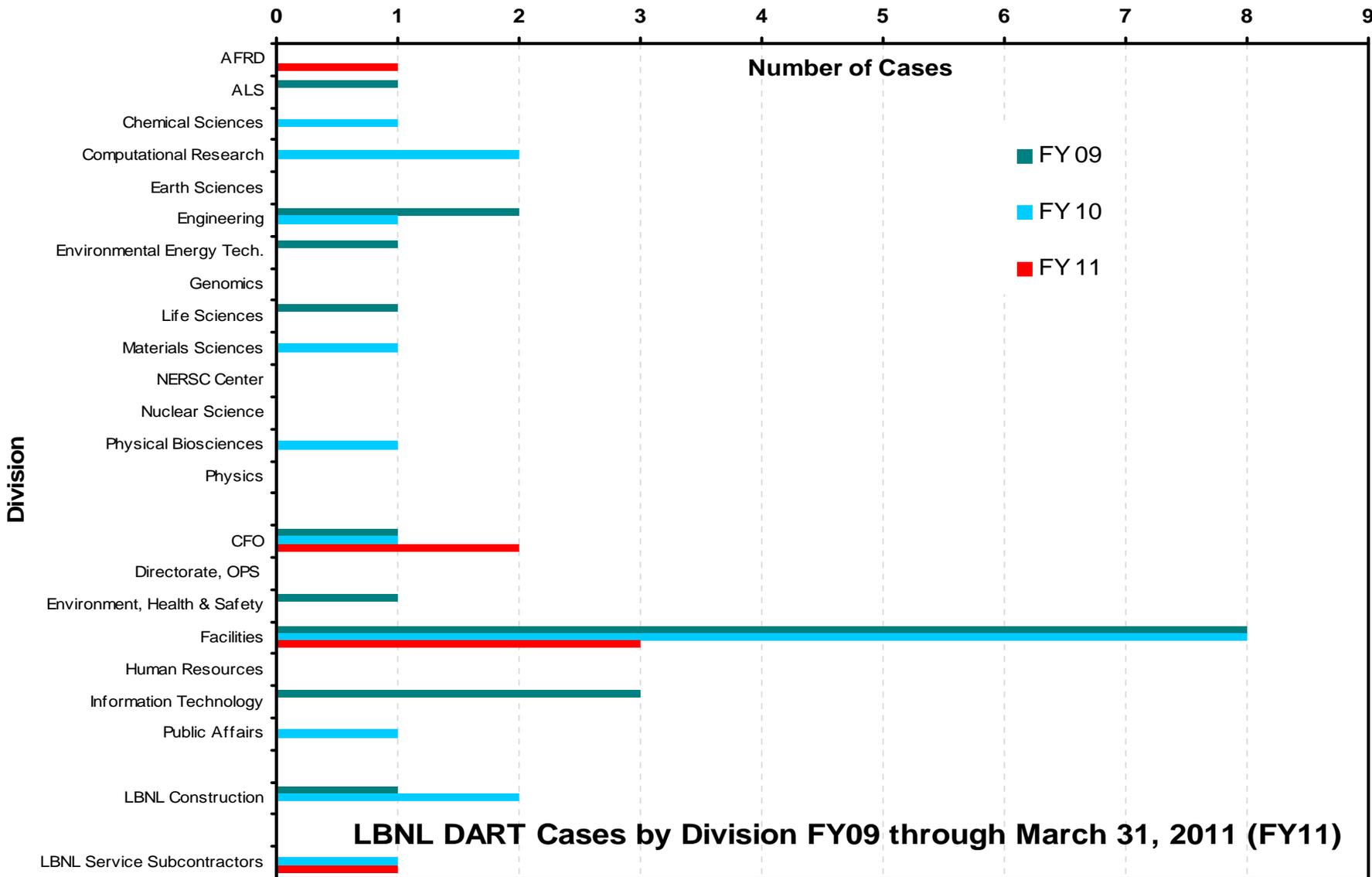


LBL DART Cases FY09 through March 31, 2011 (FY11)





LBNL Recordable Cases by Division FY09 through March 31, 2011 (FY11)

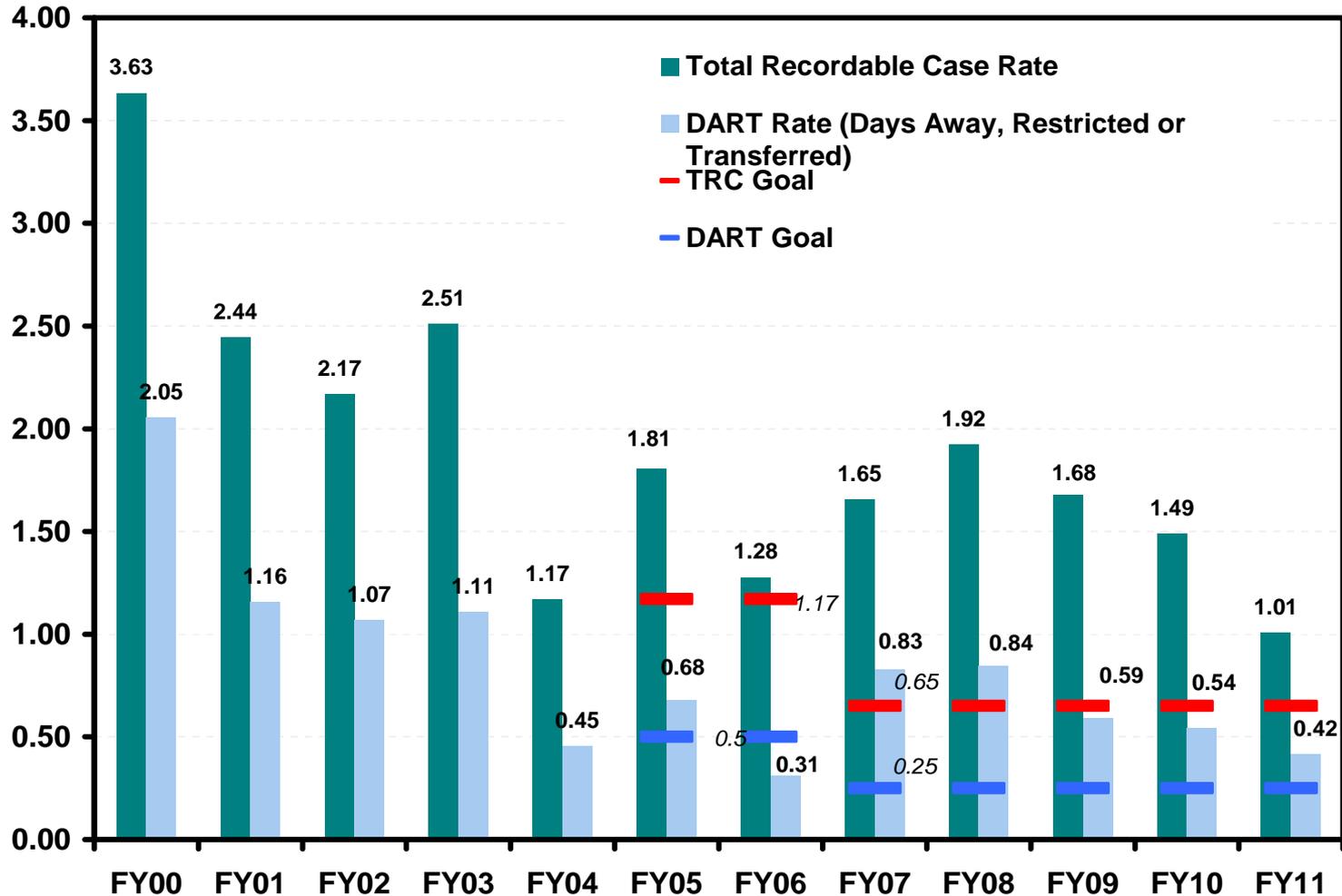


Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

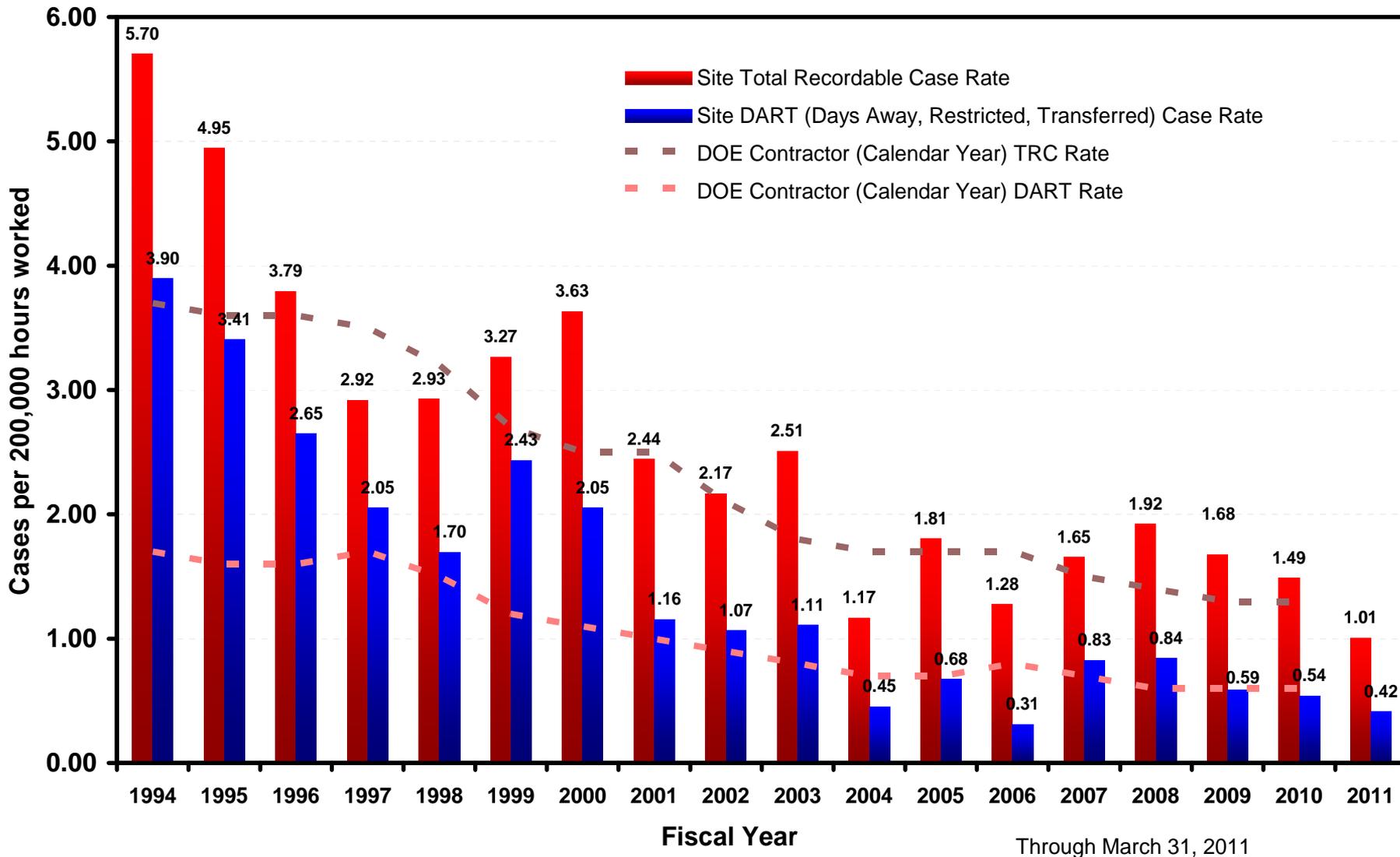
Through March 31, 2011

TRC & DART cases per 100 employees per year



LBNL vs DOE Contractor Rates

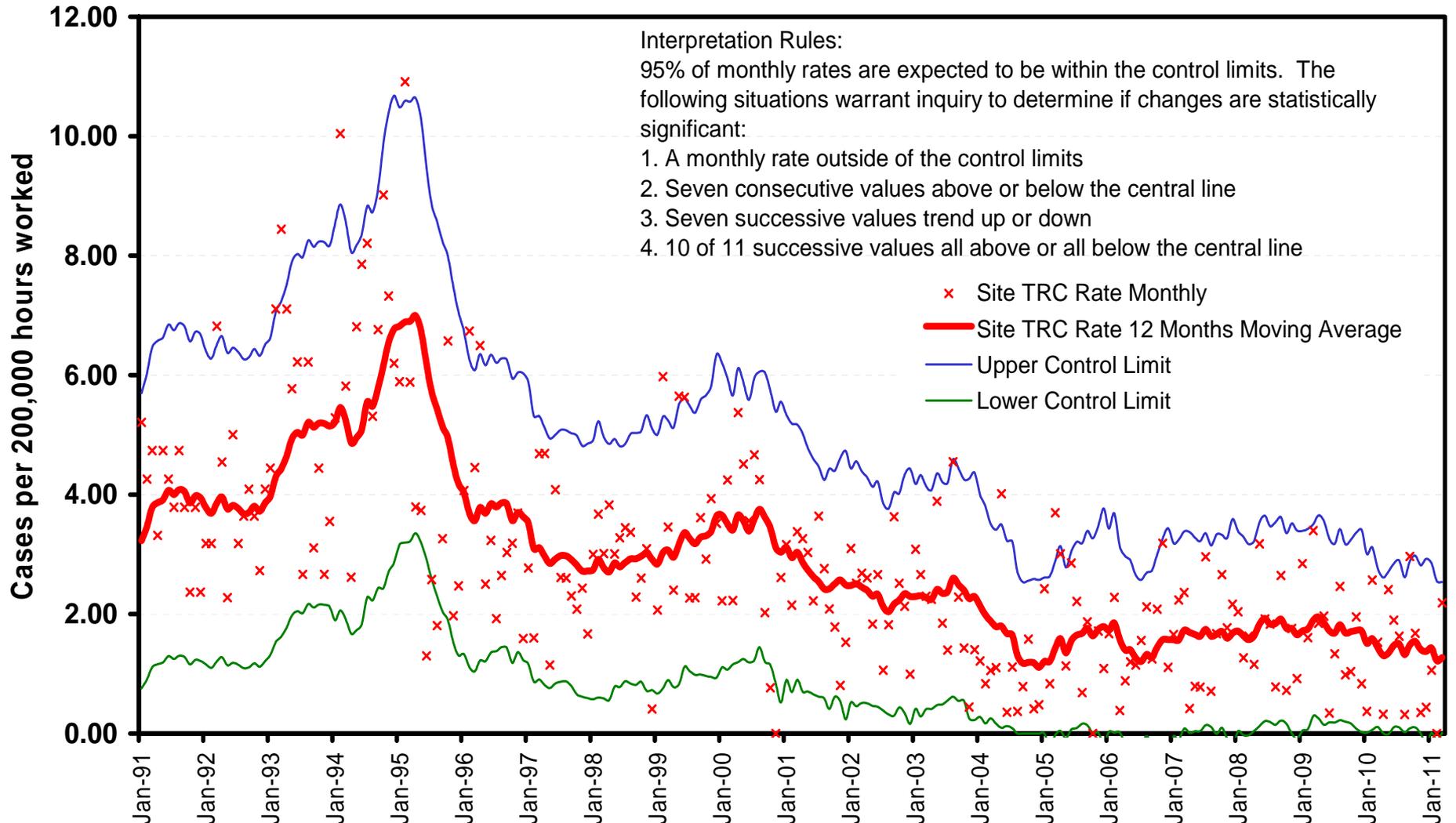
Berkeley Lab Site Accident Rates



Through March 31, 2011

Long Term Injury Rates - TRC

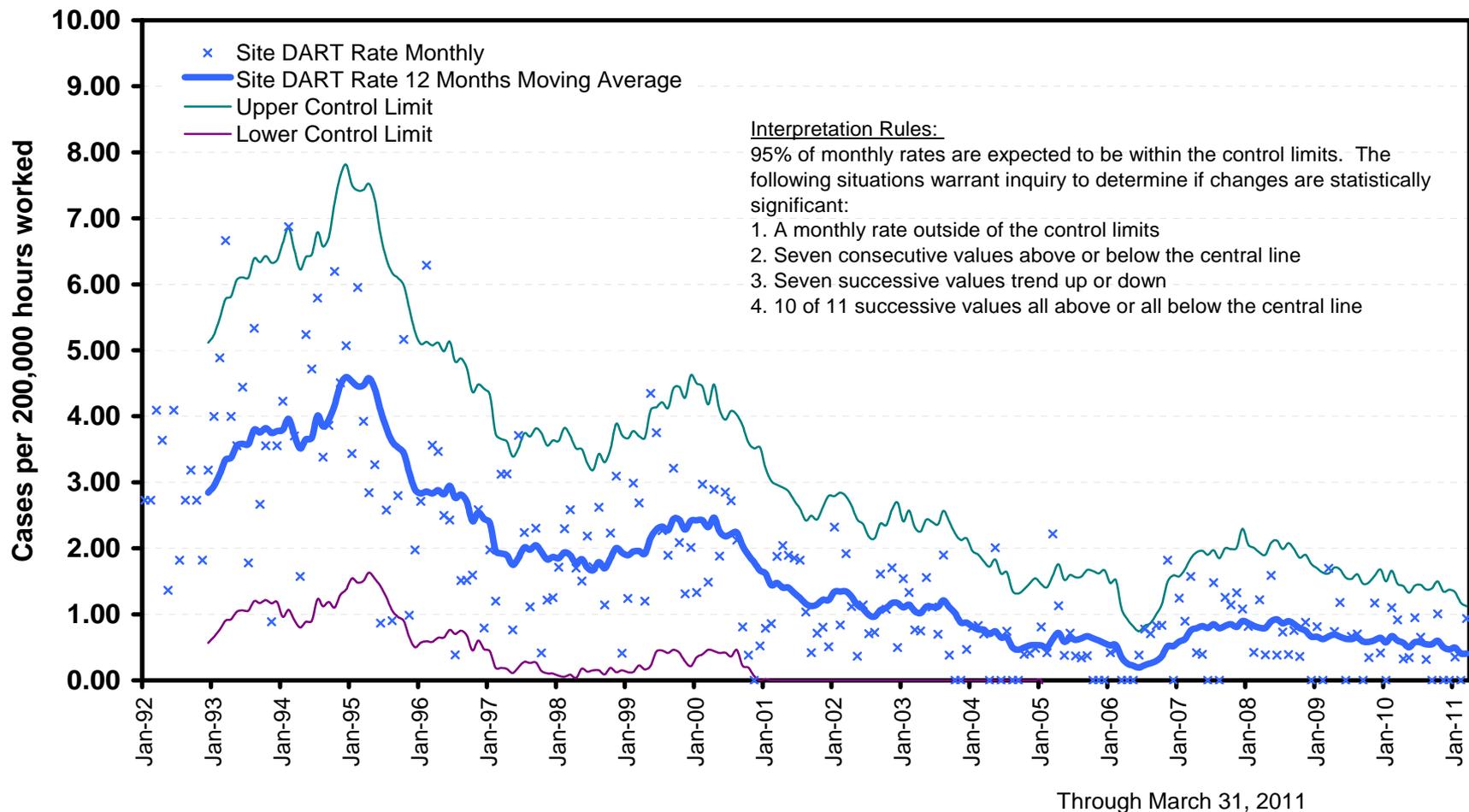
Berkeley Lab Total Recordable Case Rates With Control Limits At 95% Confidence Level



Through March 31, 2011

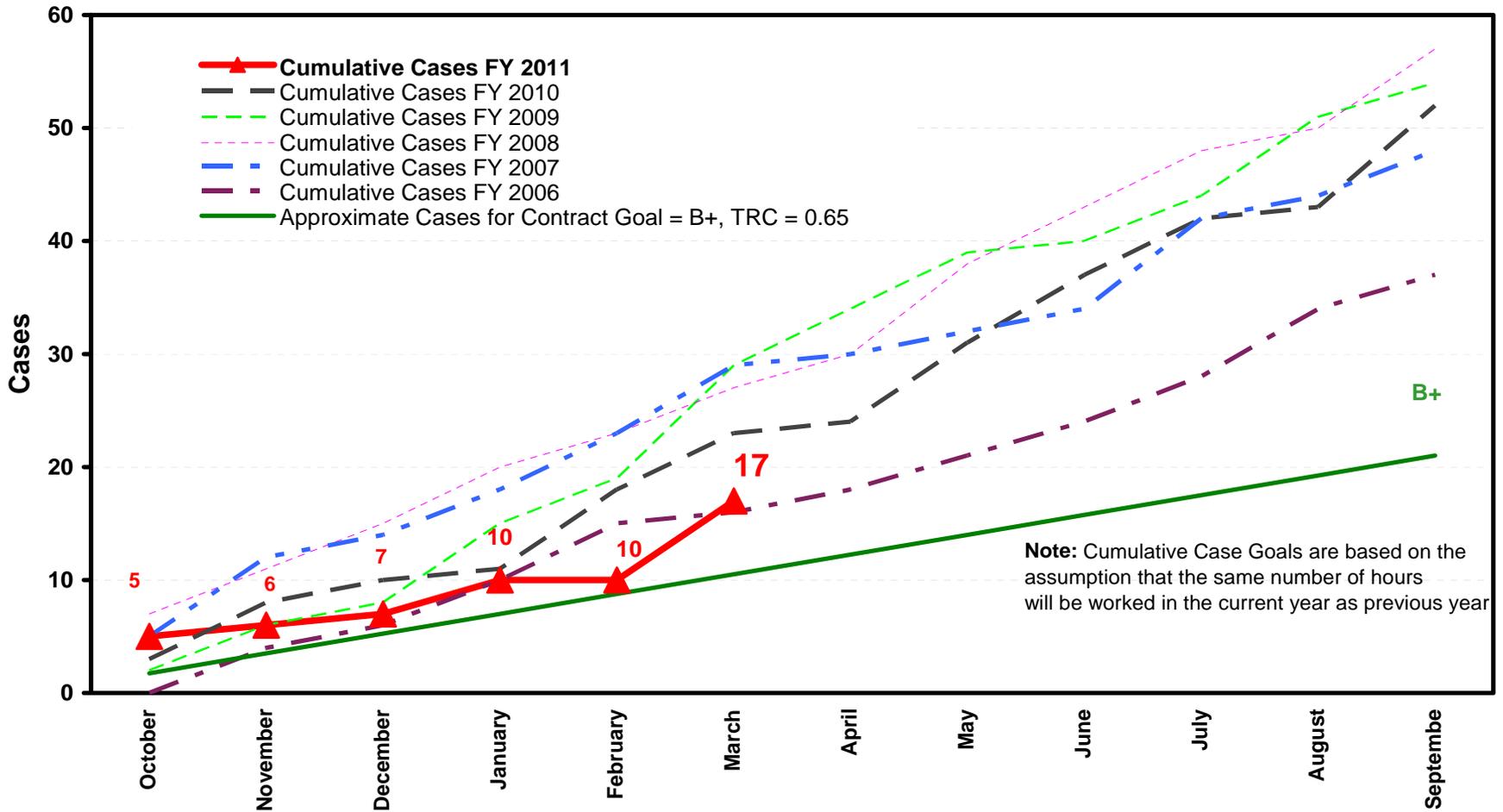
Long Term Injury Rates - DART

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



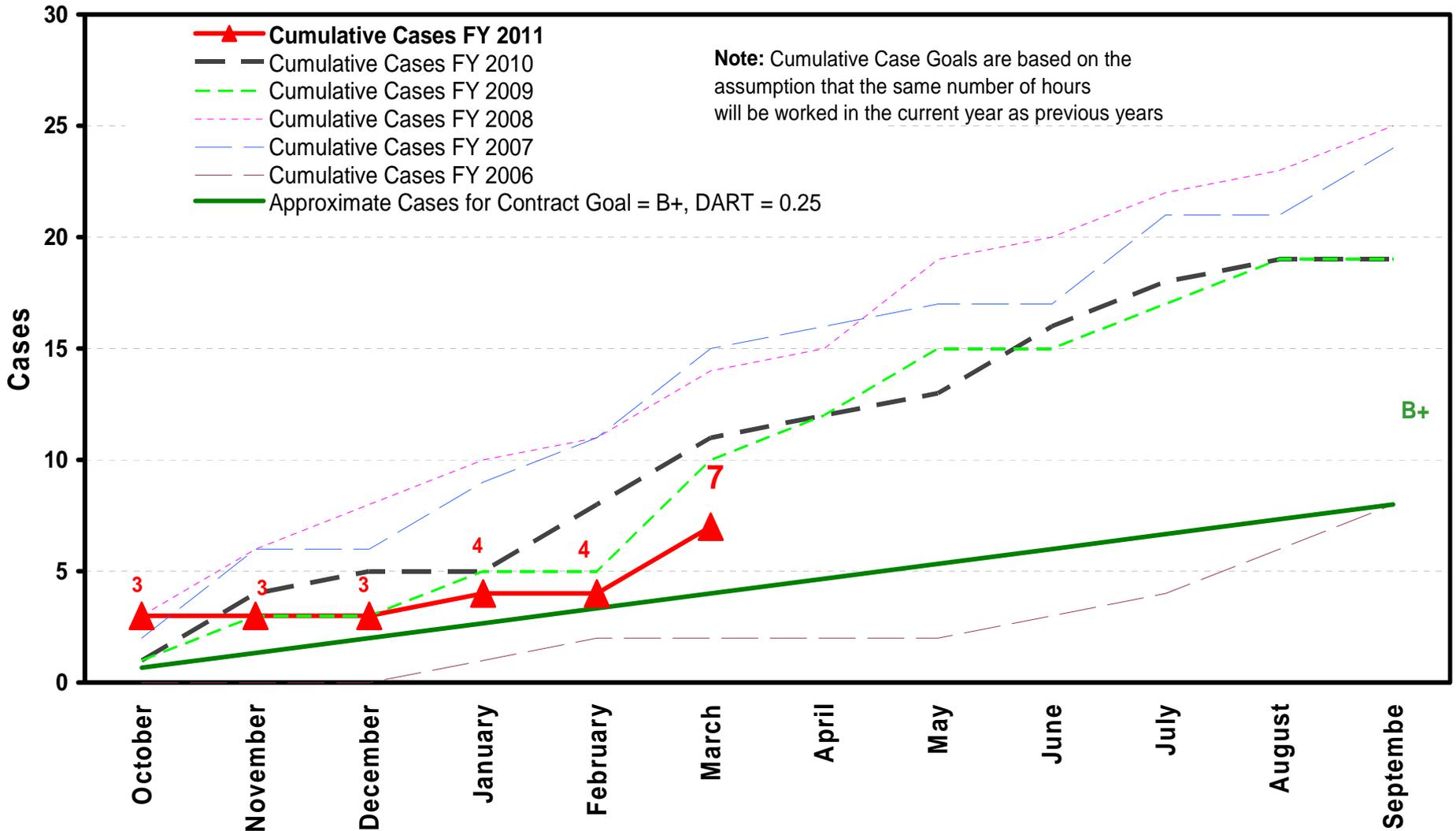
Performance vs Contract Goals - TRC

Berkeley Lab and Contractors
Cumulative Total Recordable Cases
By Fiscal Year

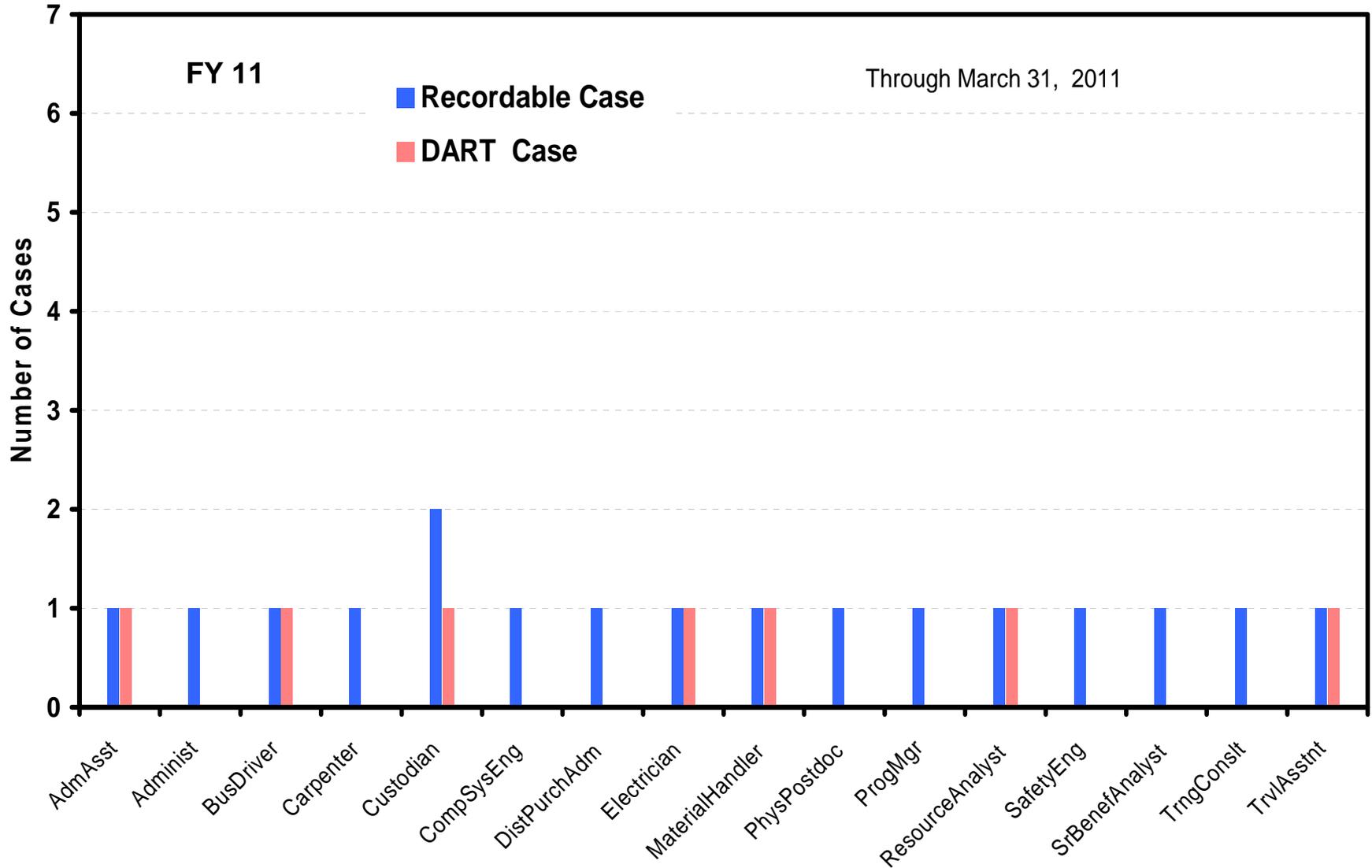


Performance vs Contract Goals - DART

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

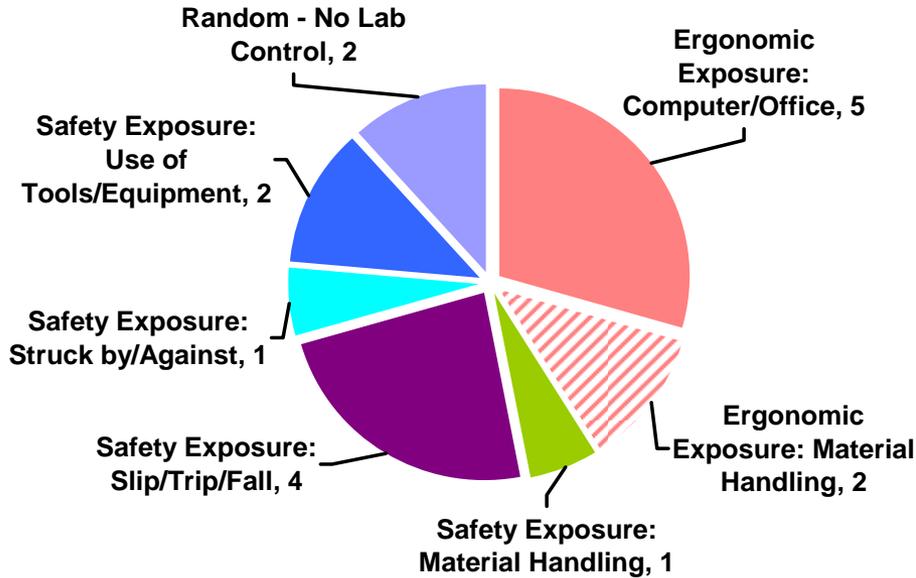


Recordable and DART Cases by Job Classification

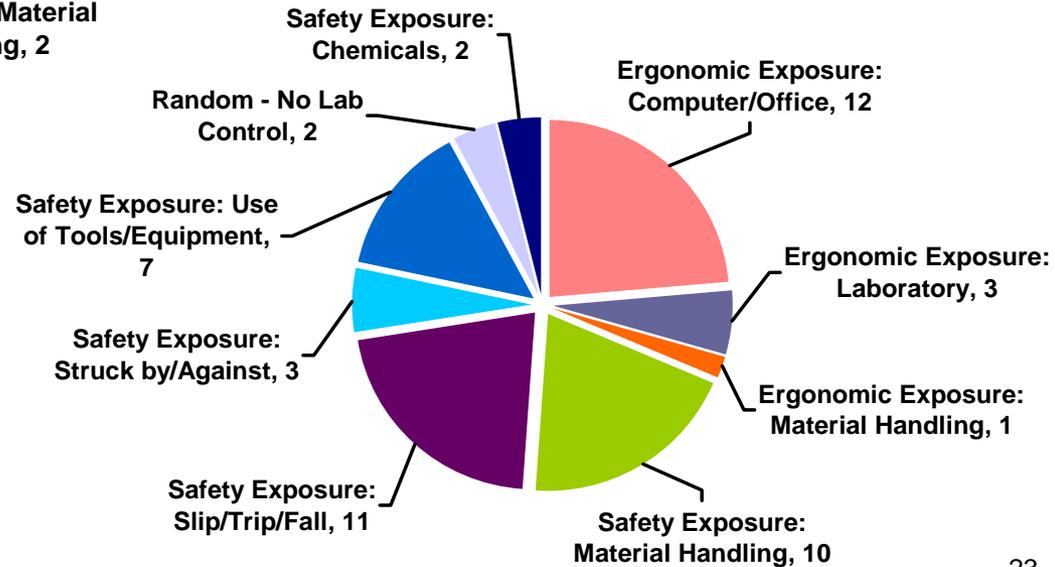


Recordable Injury Categories and Causes

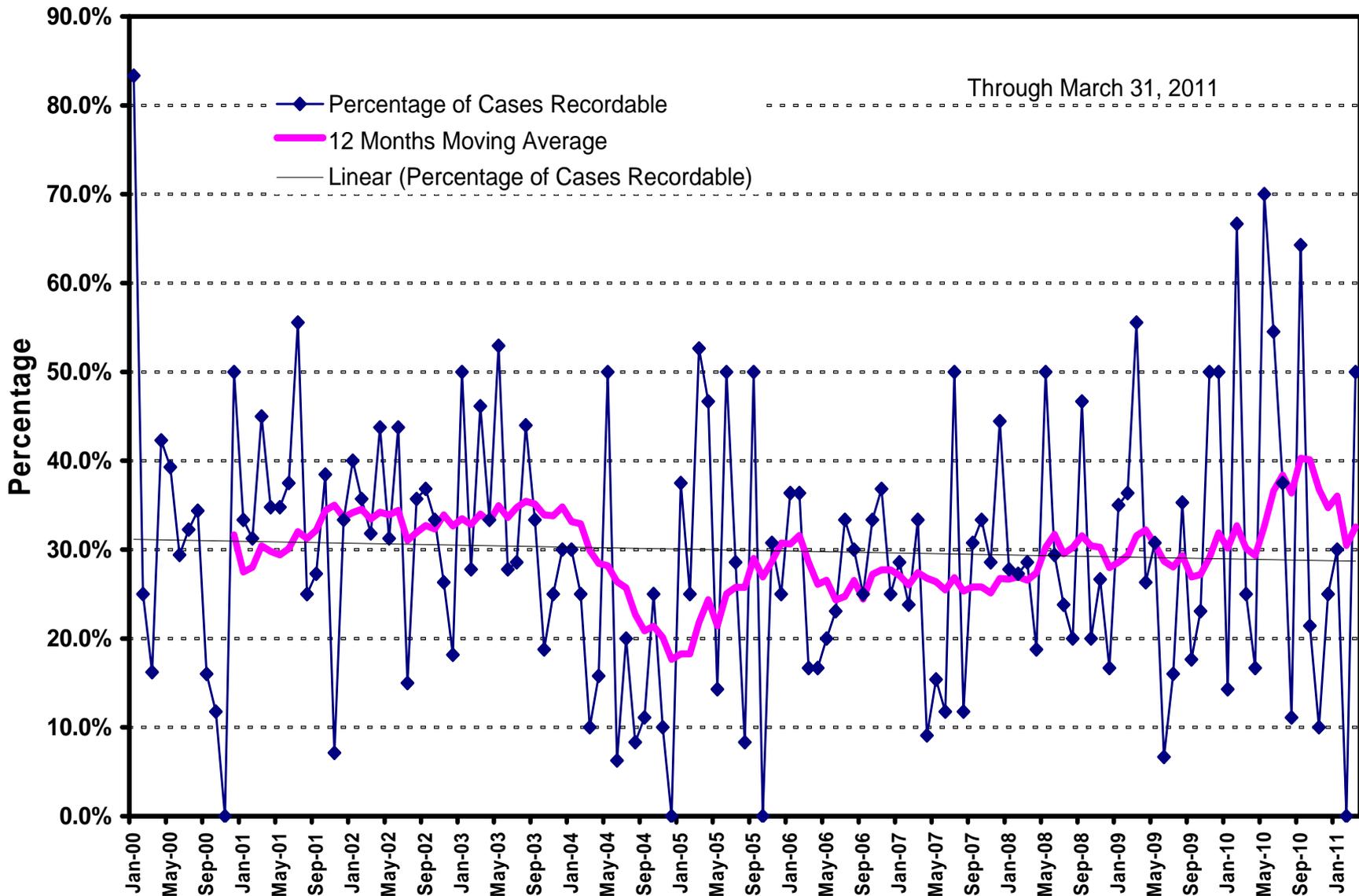
FY2011 through March 31, 2011



FY2010

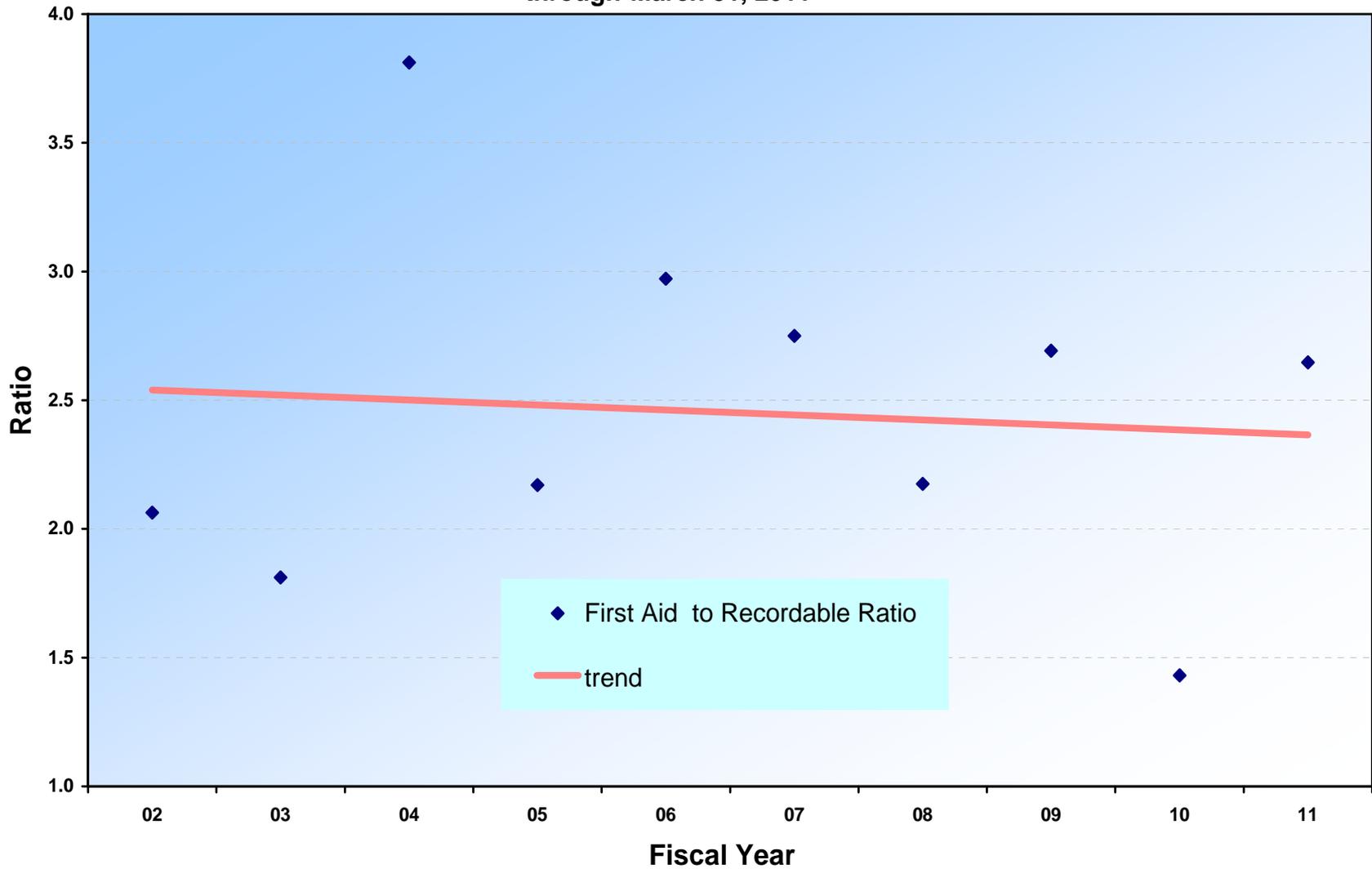


Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000

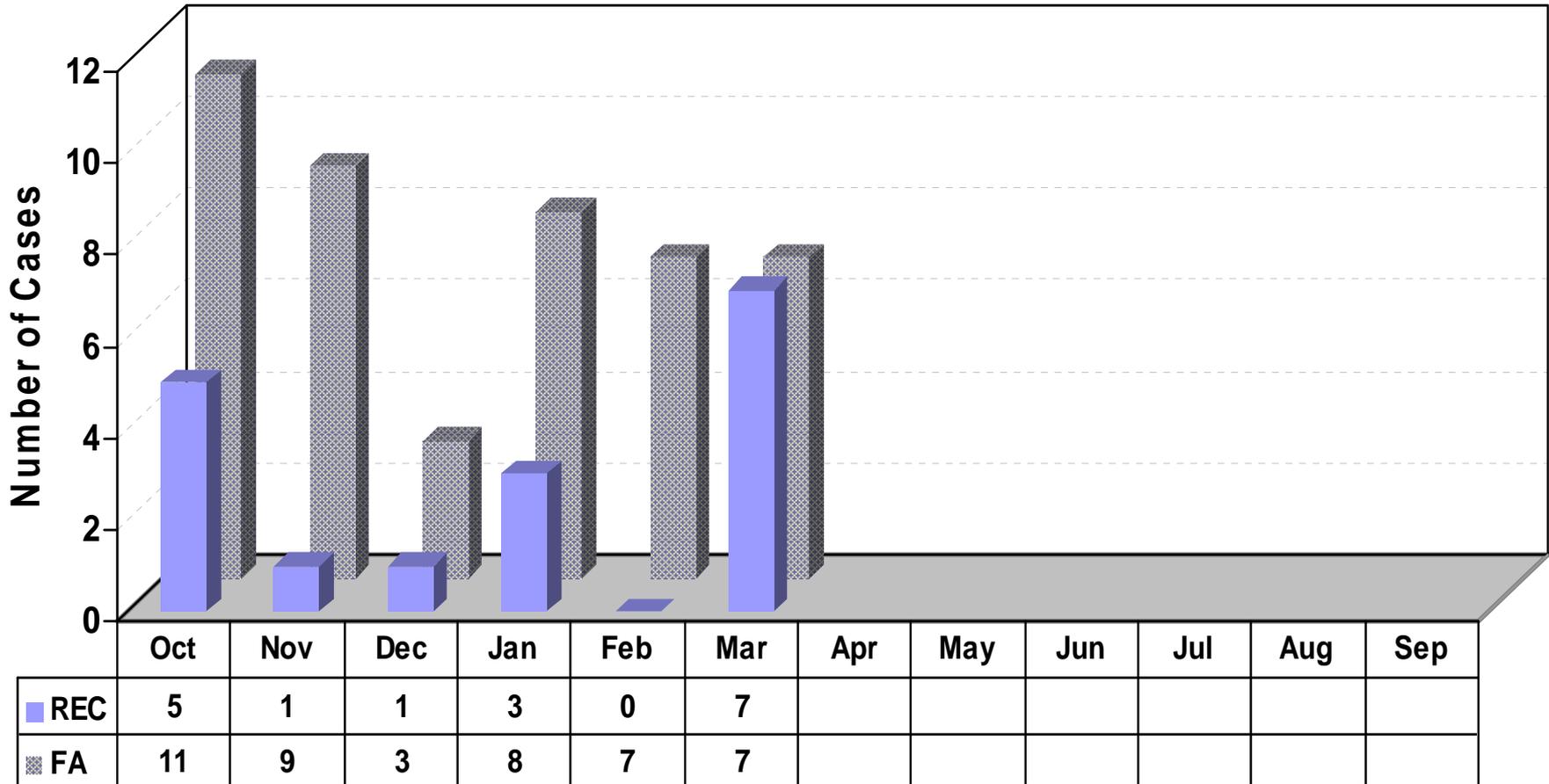


First Aid to Recordable Case Ratio

through March 31, 2011

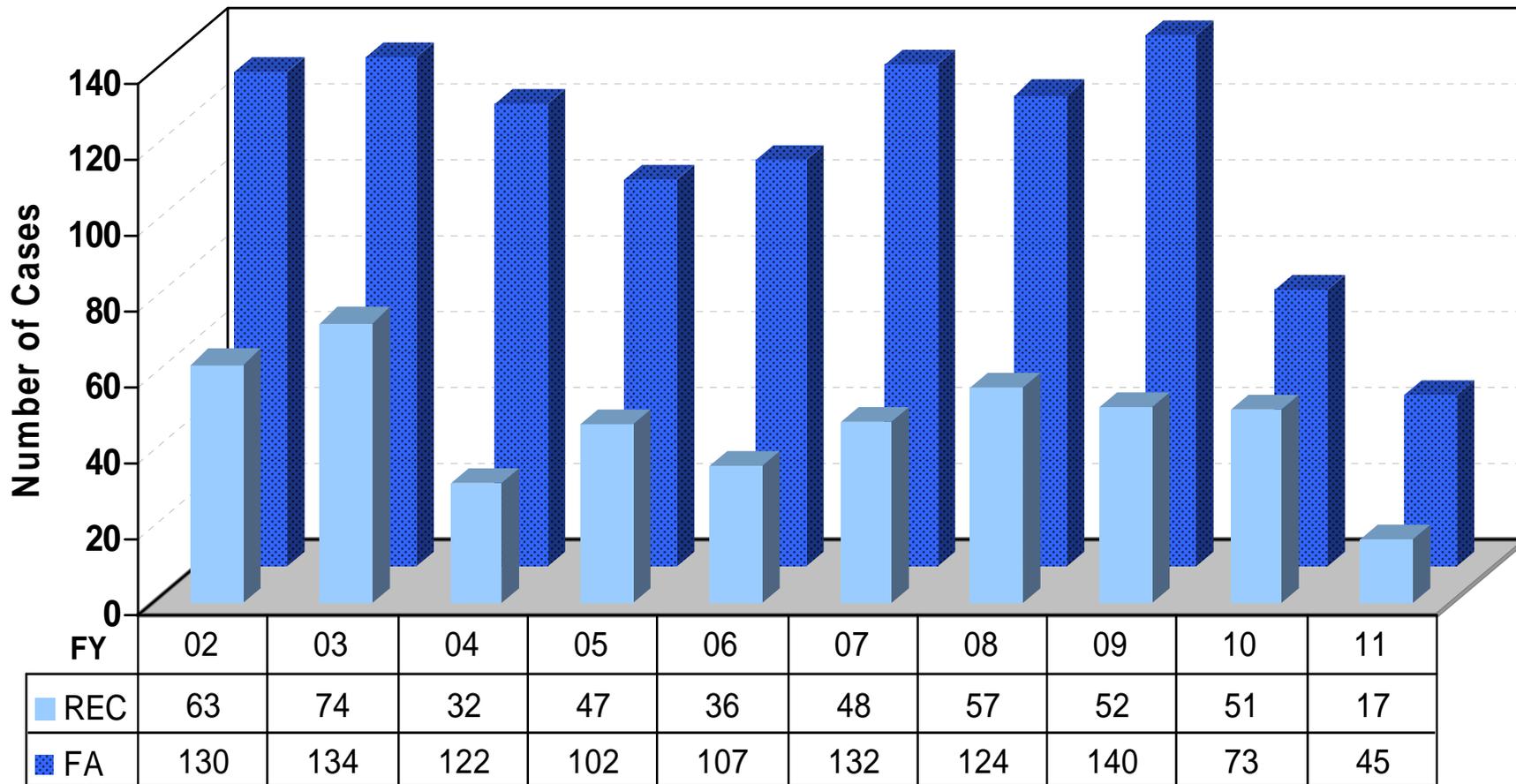


FY2011 First Aid to Recordable Comparison through March 31, 2011



FY02 to FY2011 First Aid to Recordable Comparison

through March 31, 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	0	0	0	0	0	0	0	0	2
AFRD	0	0	0	1	0	0	0	0	0	0	0	0	1
Engineering	0	0	1	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
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	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	0	3							
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	0	0	0	0	0	0	4
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	0	0	0	0	0	0	12
LBNL Total	3	1	1	3	0	7	0	0	0	0	0	0	15
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	0	7	0	0	0	0	0	0	17
<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 3/31/11

Notes: Projections assume that hours worked will remain constant

LBNL DART (Days Away, Restricted, or Travel) 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	0	0	0	0	0	0	1
AFRD	0	0	0	1	0	0	0	0	0	0	0	0	1
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	0	0	0	0	0	0	1
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	0	0	0	0	0	0	3
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	0	0	0	0	0	0	5
LBNL Total	2	0	0	1	0	3	0	0	0	0	0	0	6
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	0	0	0	0	0	0	7
<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 3/31/11

Notes: Projections assume that hours worked will remain constant