

# **Berkeley Lab Accident Statistics Through December 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](mailto:rwwfisher@lbl.gov)**

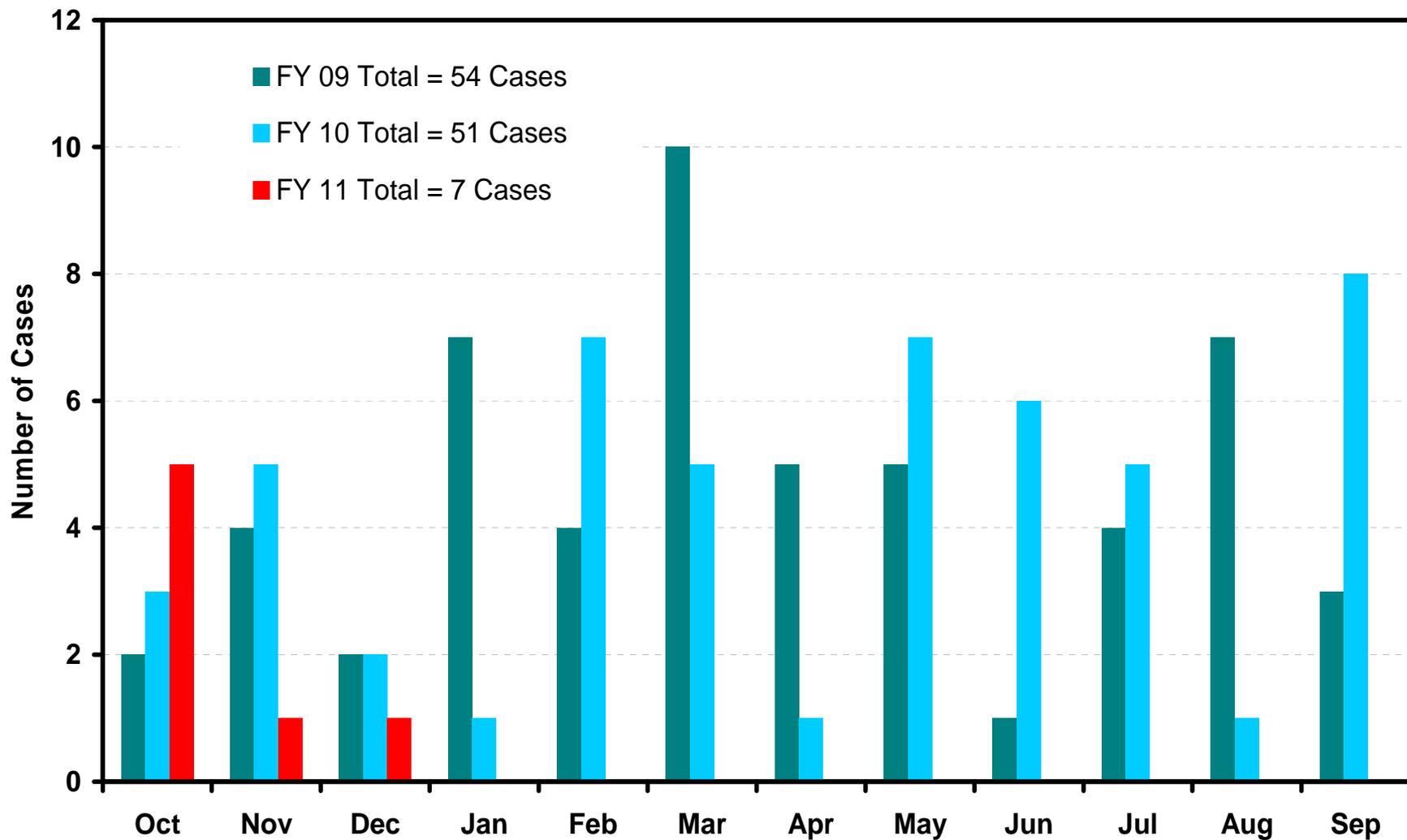
# Narrative of December 2010 Injury/Illness Cases

- Guest Post Doctoral Fellow – Chemical splash to face
  - The employee was working in a fume hood adjacent to another employee's sonication apparatus. A glass vial in the sonicator bath failed causing a splash of dilute HCl to the forehead and safety glasses.
- Program Manager – Repetitive strain of right wrist
  - Intensive work on a project report involving long hours at the computer without taking adequate breaks. Heavy mouse use for text and data manipulation contributed to the injury.

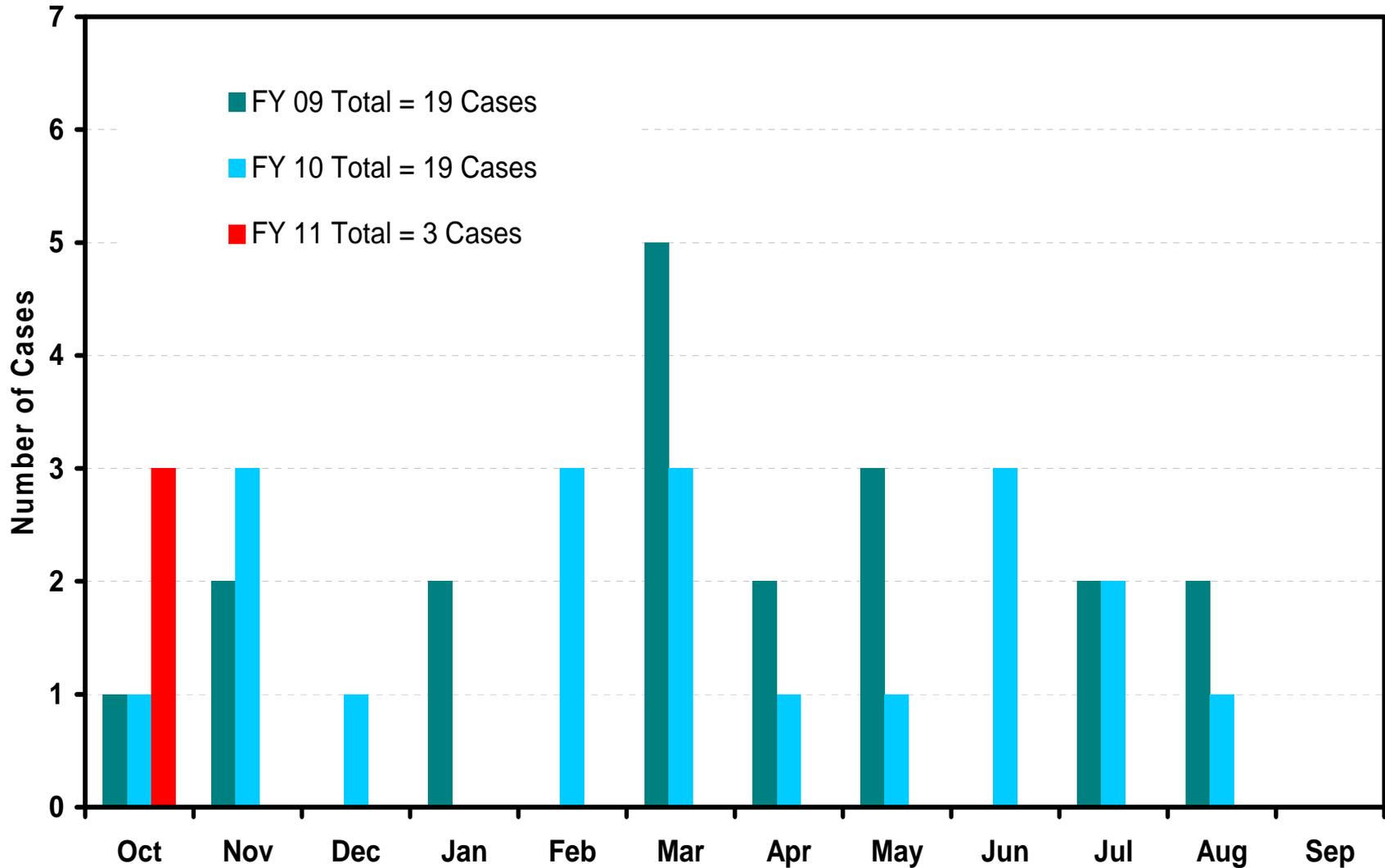
# Narrative of December 2010 Injury/Illness Cases

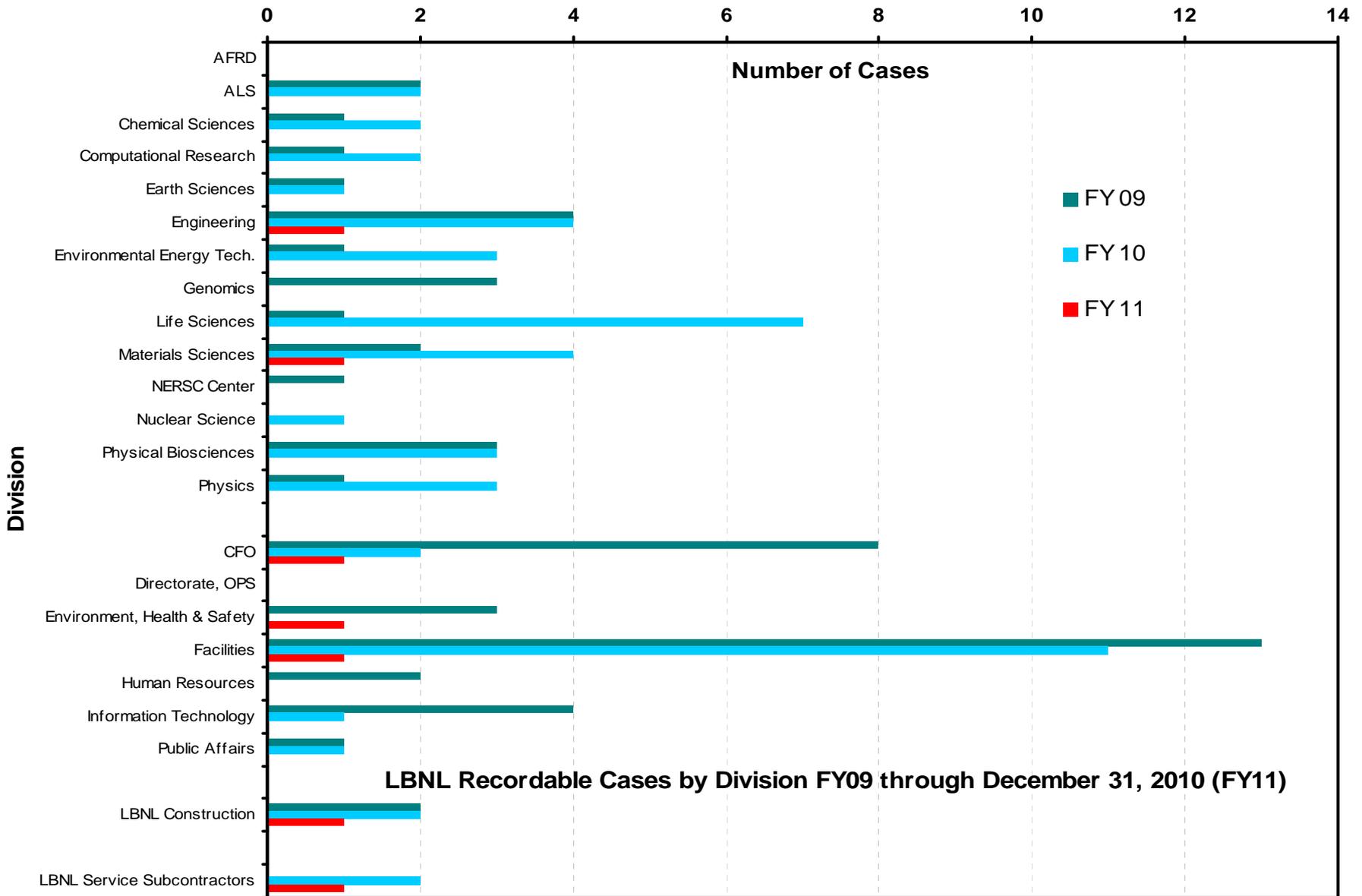
- Lead Plumber / Fitter – contact with vacuum system oil
  - While removing a port cap from an exhaust vent line, some residual oil that had built up in the drop leg of the port spilled onto the employee's hand.
- Administrative Assistant – Strain of right hand and arm
  - The employee developed discomfort and pain (strain), in the right upper extremities, associated with the work load and types of keyboard and mouse activities required in the performance of job duties. Work load distribution and software system design and “glitches” associated with travel support have contributed to this injury.

## LBNL Recordable Cases FY09 through December 31, 2010 (FY11)

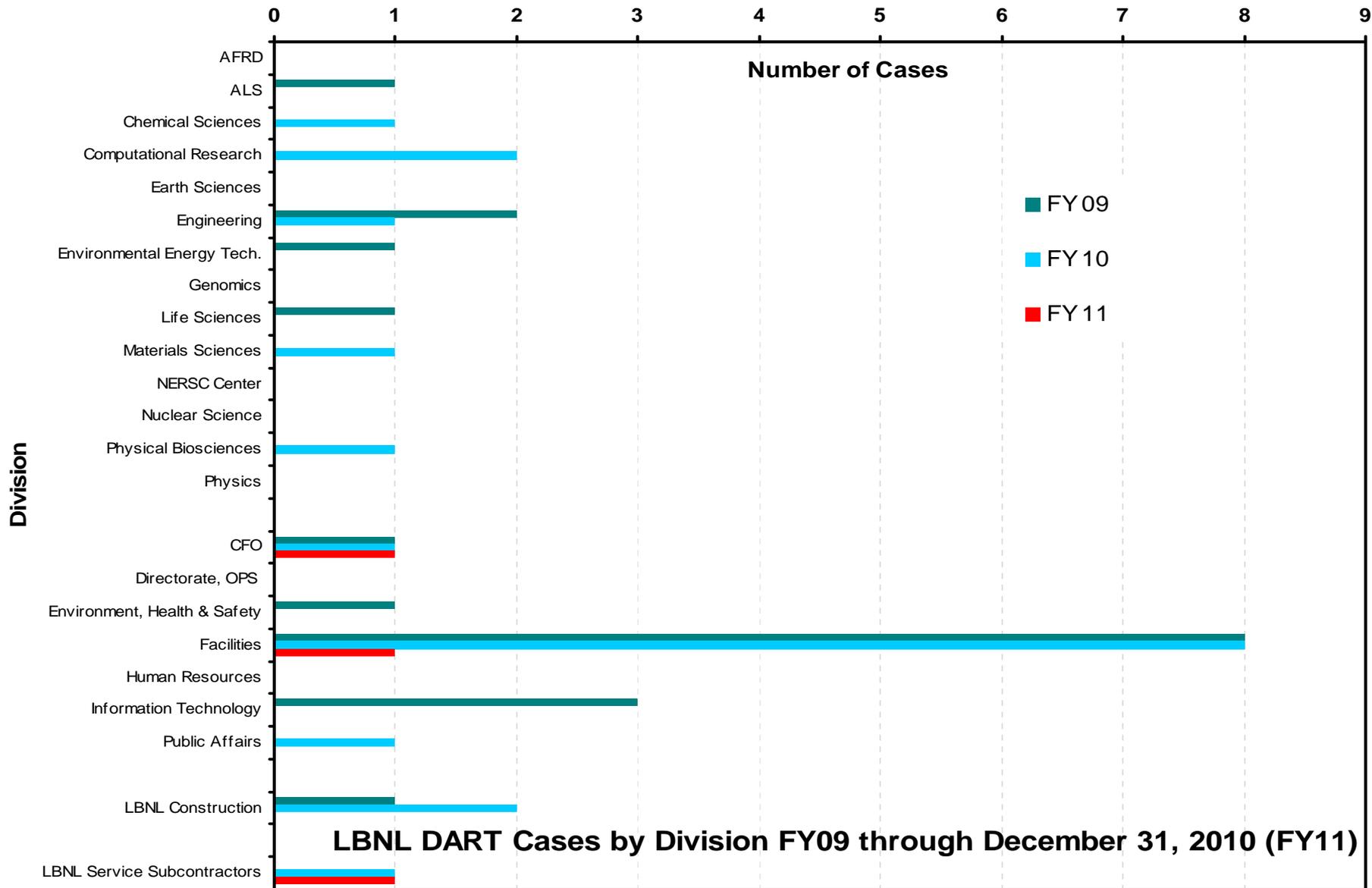


# LBNL DART Cases FY09 through December 31, 2010 (FY11)





**LBNL Recordable Cases by Division FY09 through December 31, 2010 (FY11)**

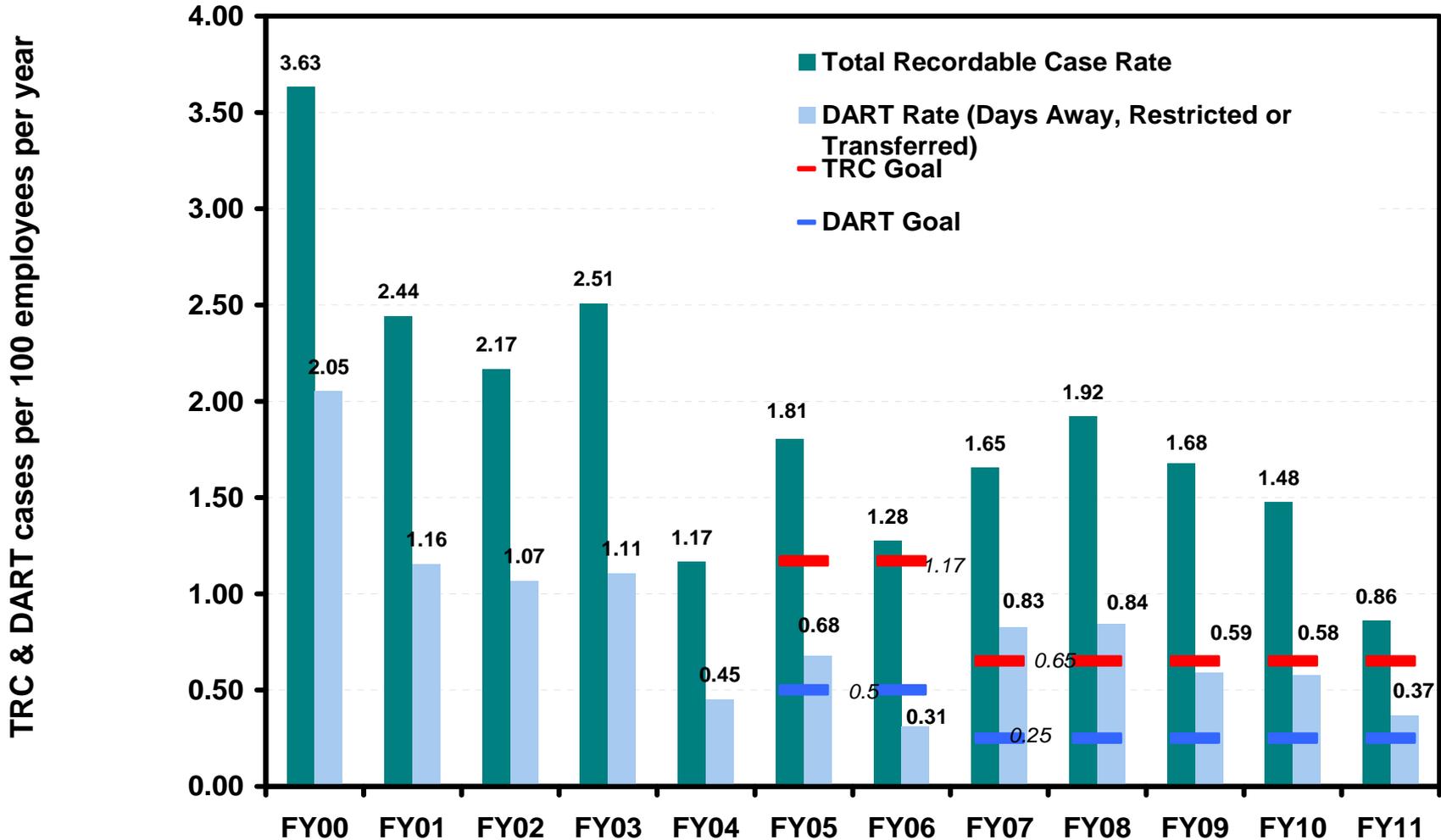


**LBNL DART Cases by Division FY09 through December 31, 2010 (FY11)**

# Berkeley Lab Site-Wide TRC & DART Rates

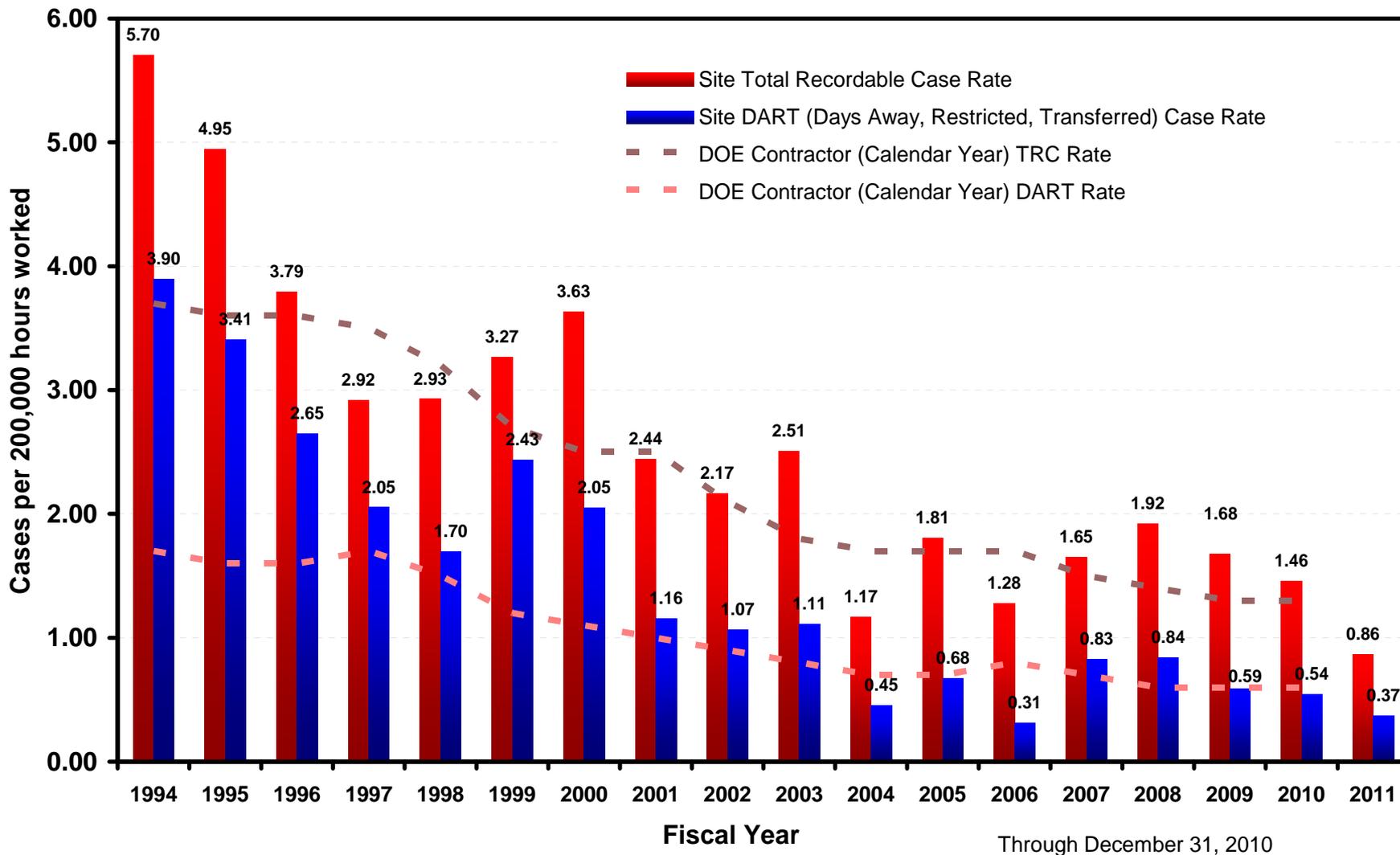
(Includes all Construction and Service Contractors)

Through December 31, 2010



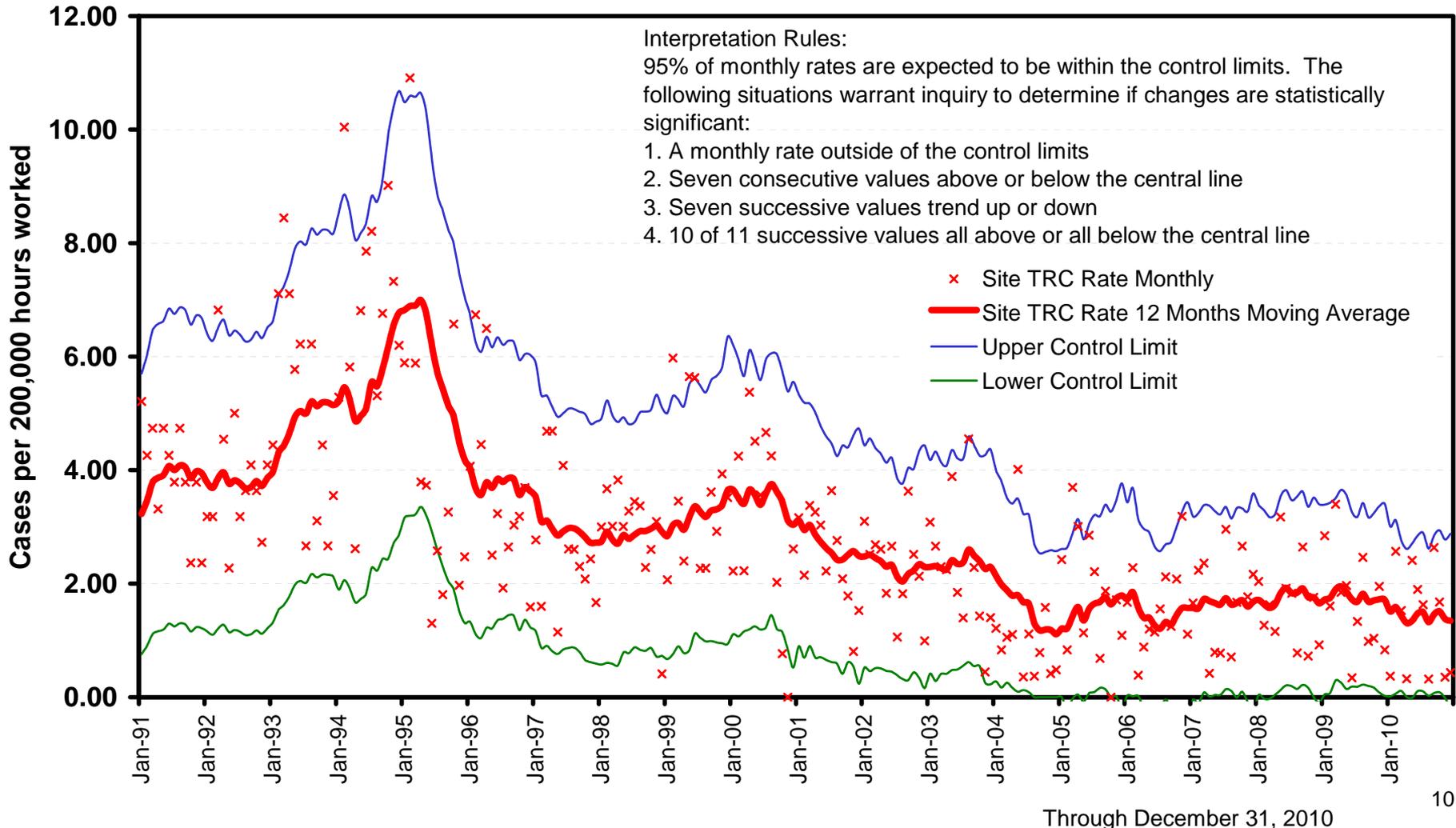
# LBNL vs DOE Contractor Rates

## Berkeley Lab Site Accident Rates



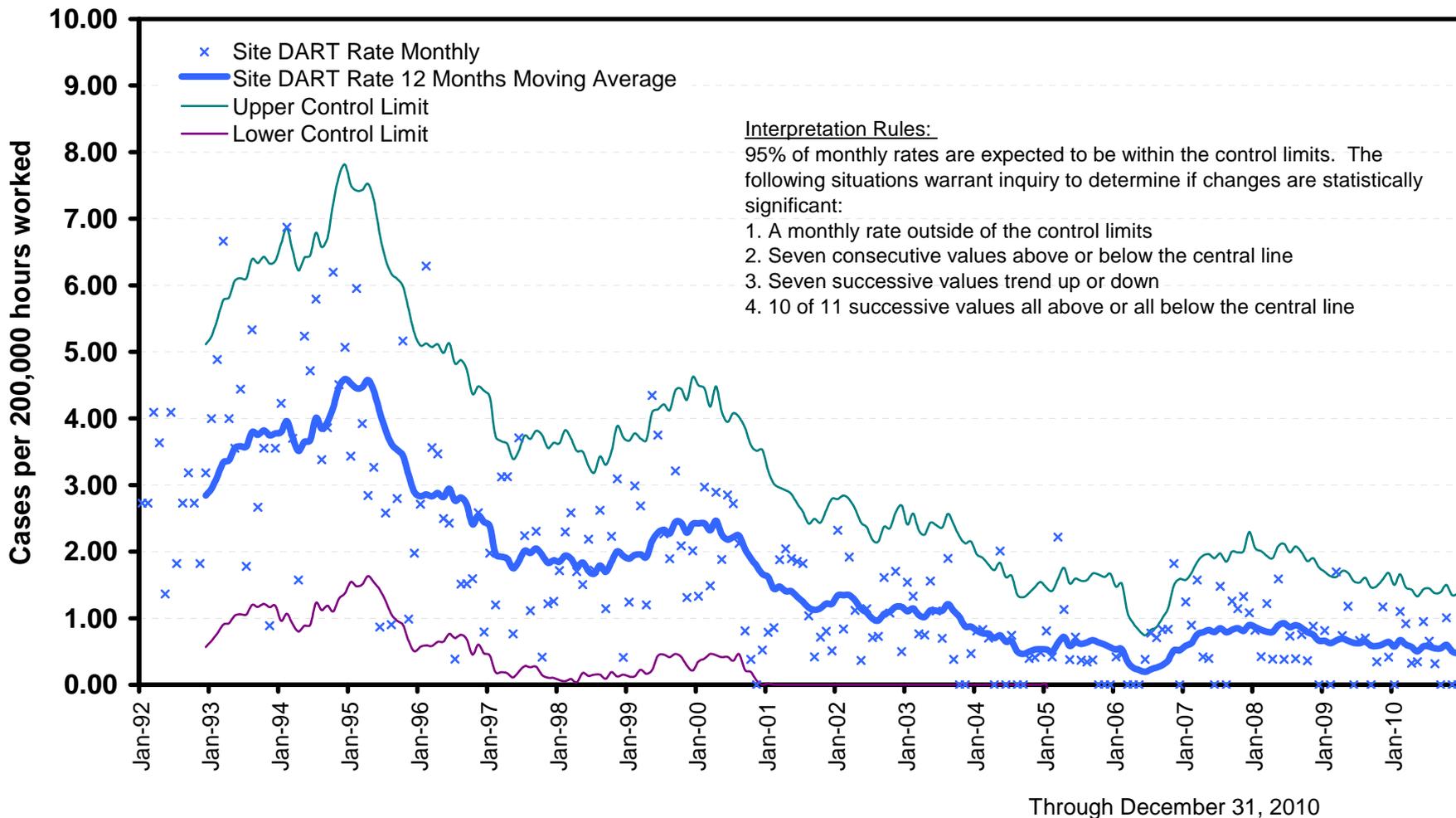
# Long Term Injury Rates - TRC

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



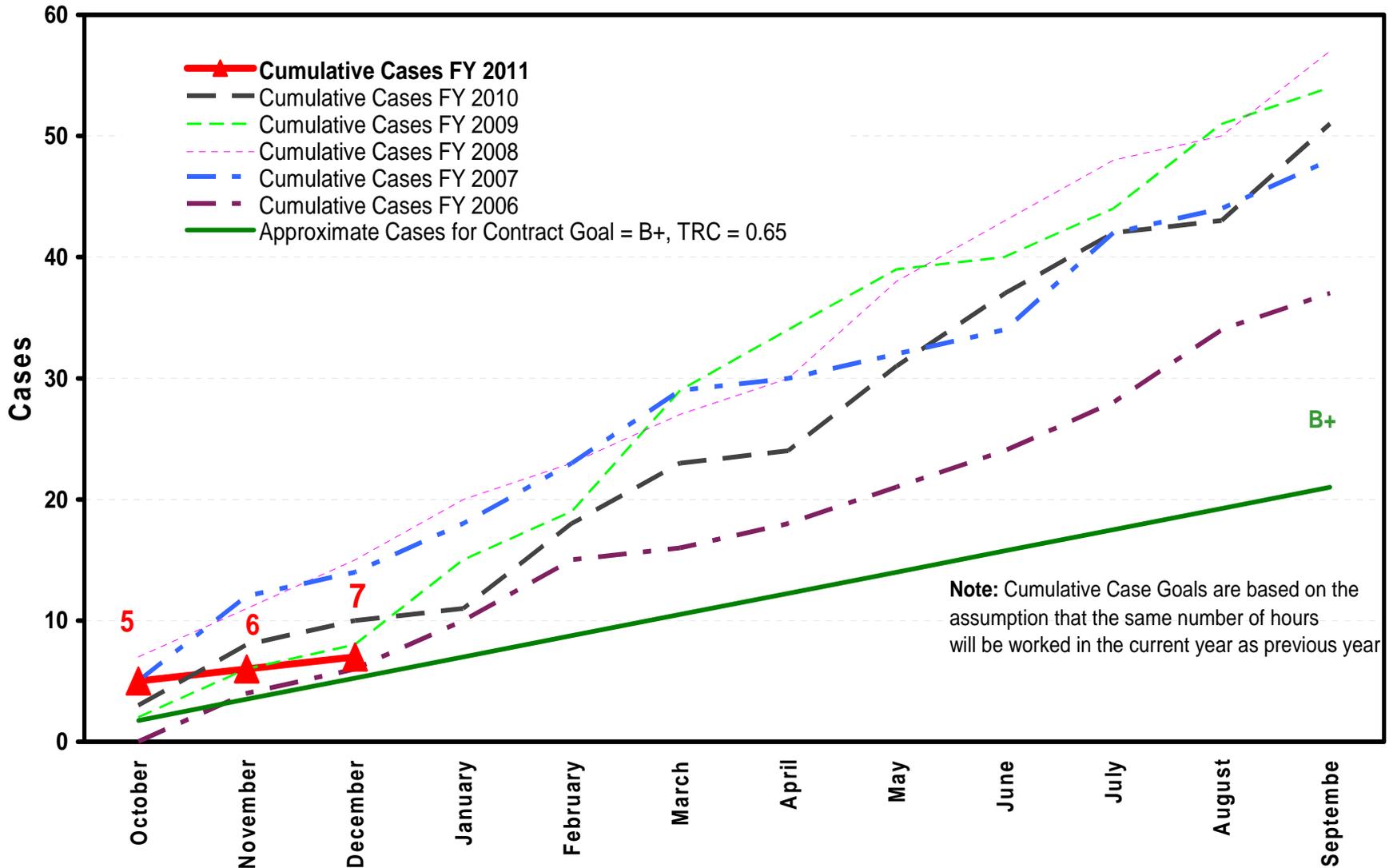
# Long Term Injury Rates - DART

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



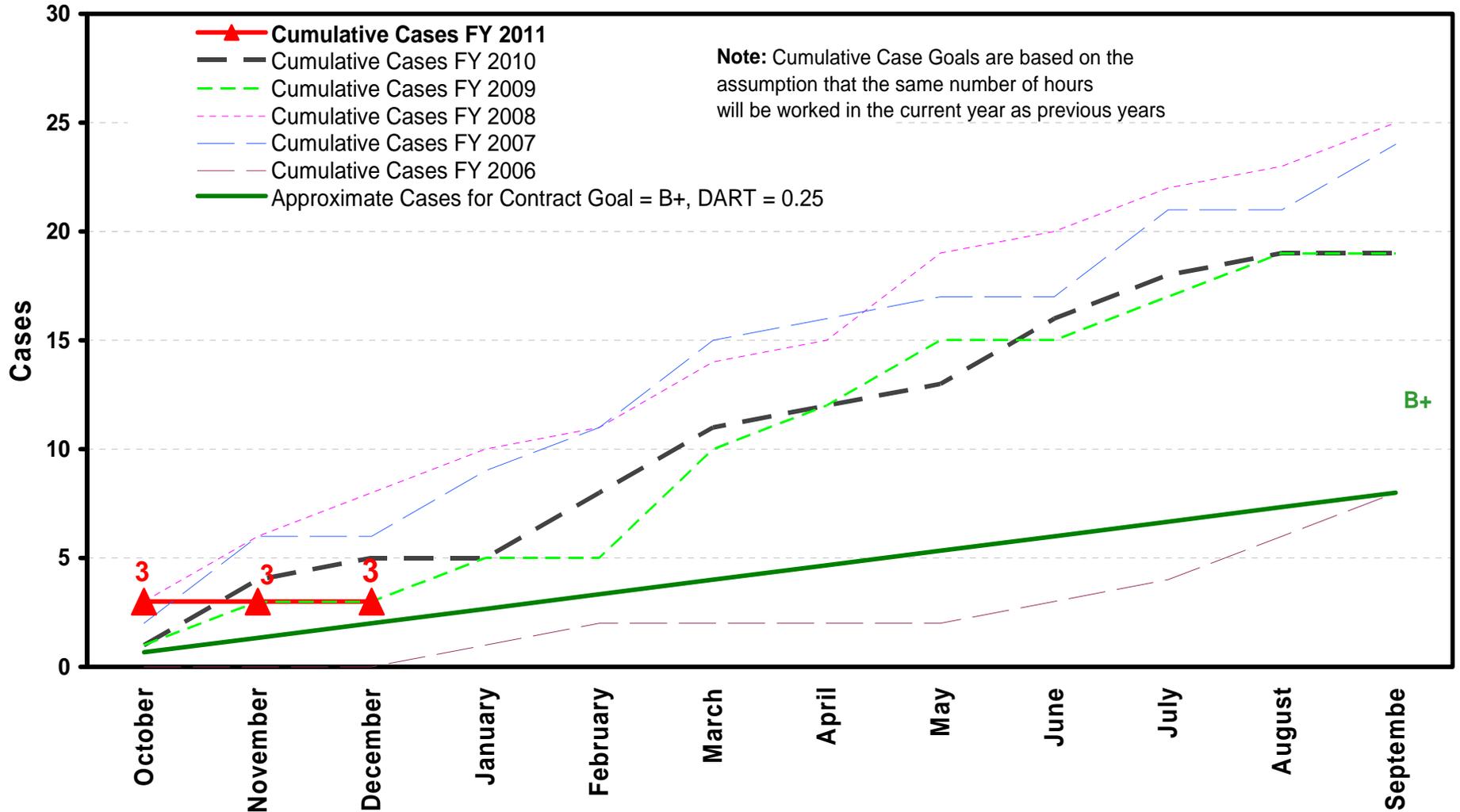
# Performance vs Contract Goals - TRC

Berkeley Lab and Contractors  
Cumulative Total Recordable Cases  
By Fiscal Year

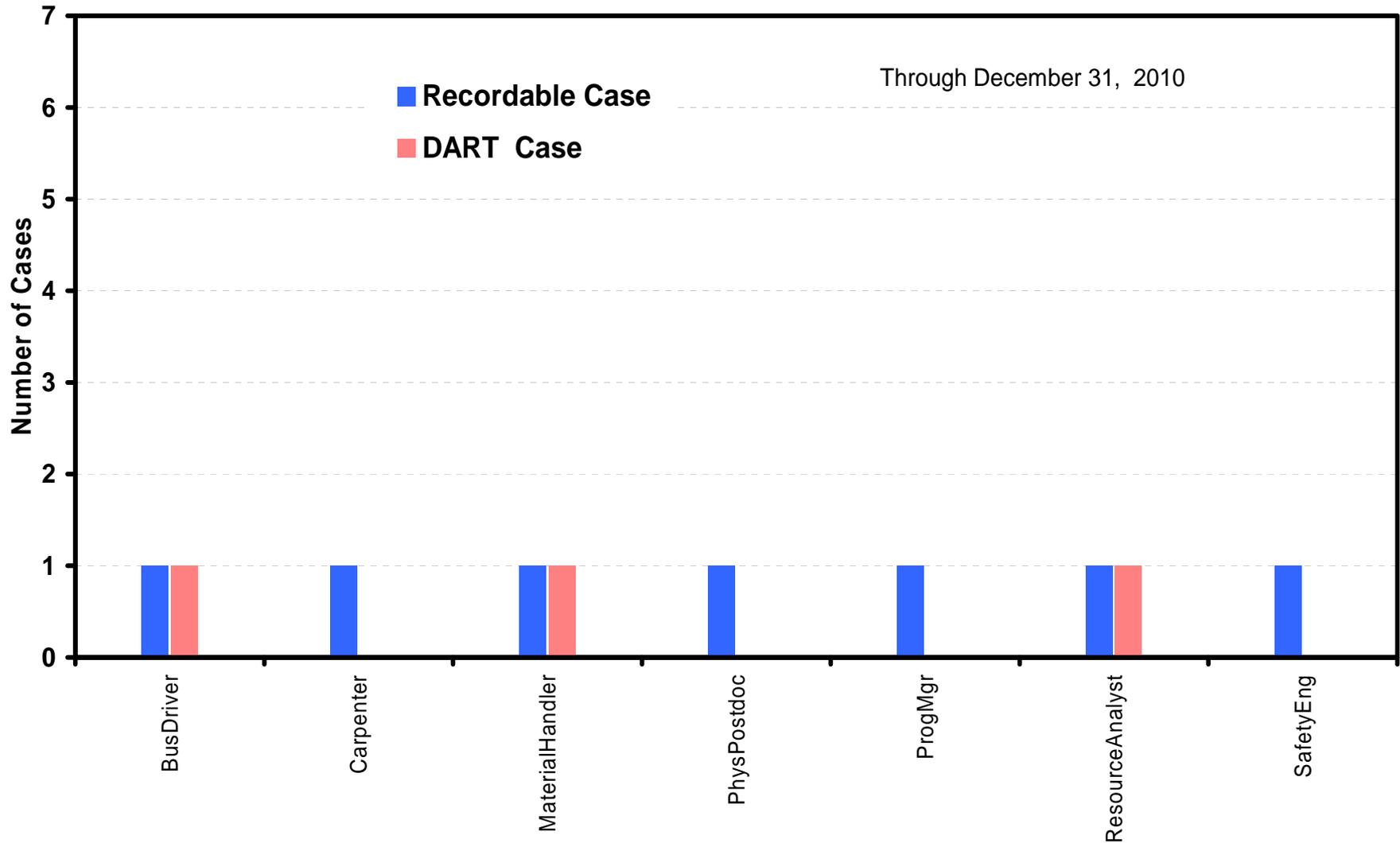


# Performance vs Contract Goals - DART

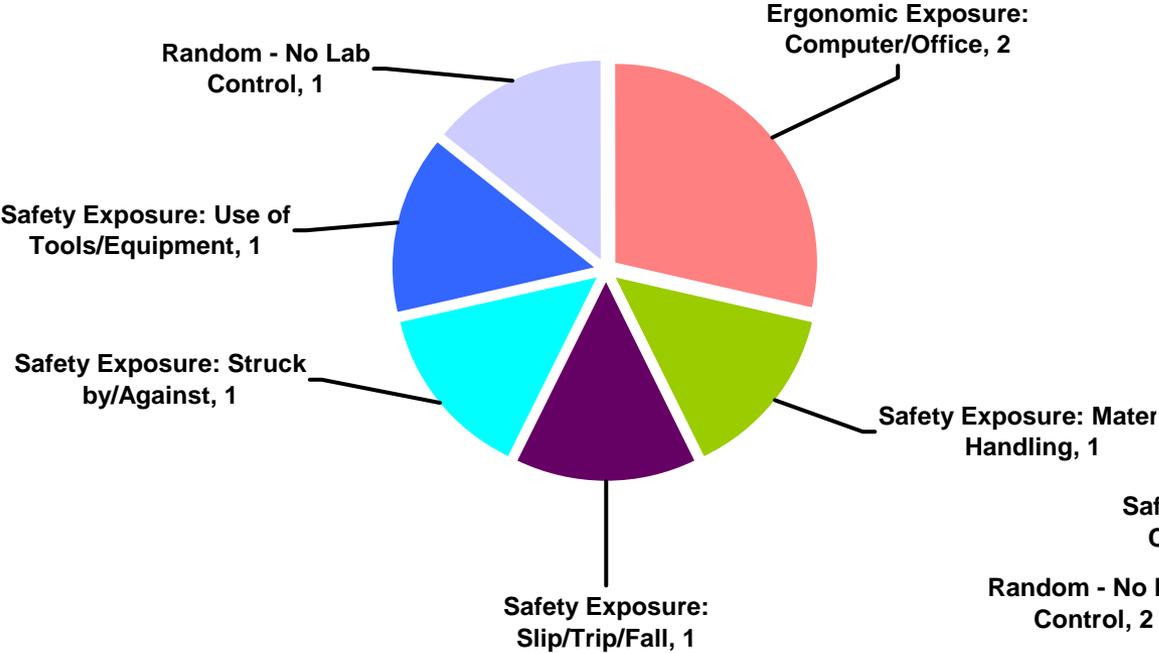
Berkeley Lab and Contractors  
Cumulative DART (Days Away, Restricted, Transferred) Cases  
By Fiscal Year



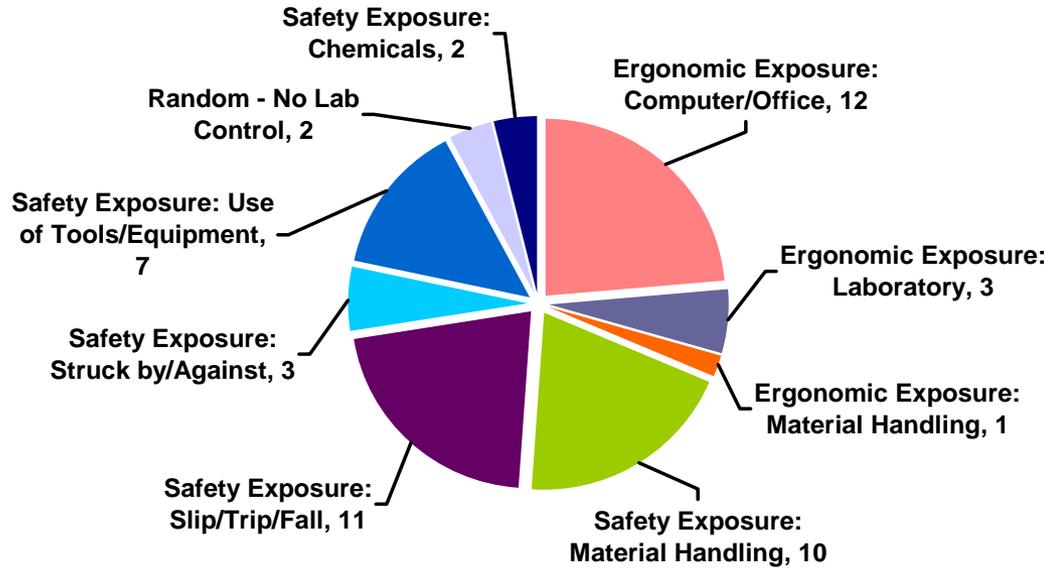
## Recordable and DART Cases by Job Classification



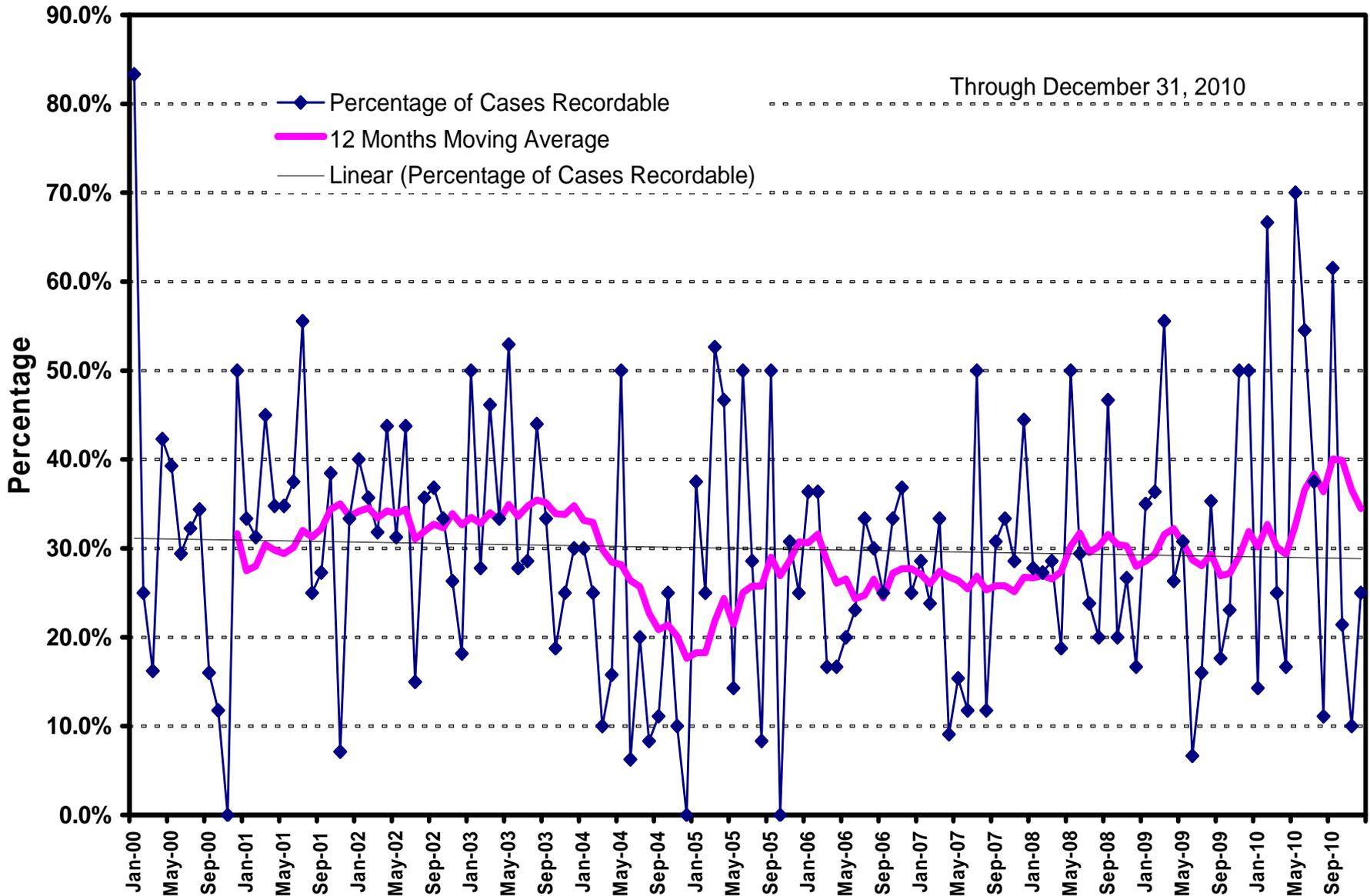
# Recordable Injury Categories and Causes FY2011 through December 31, 2010



## FY2010

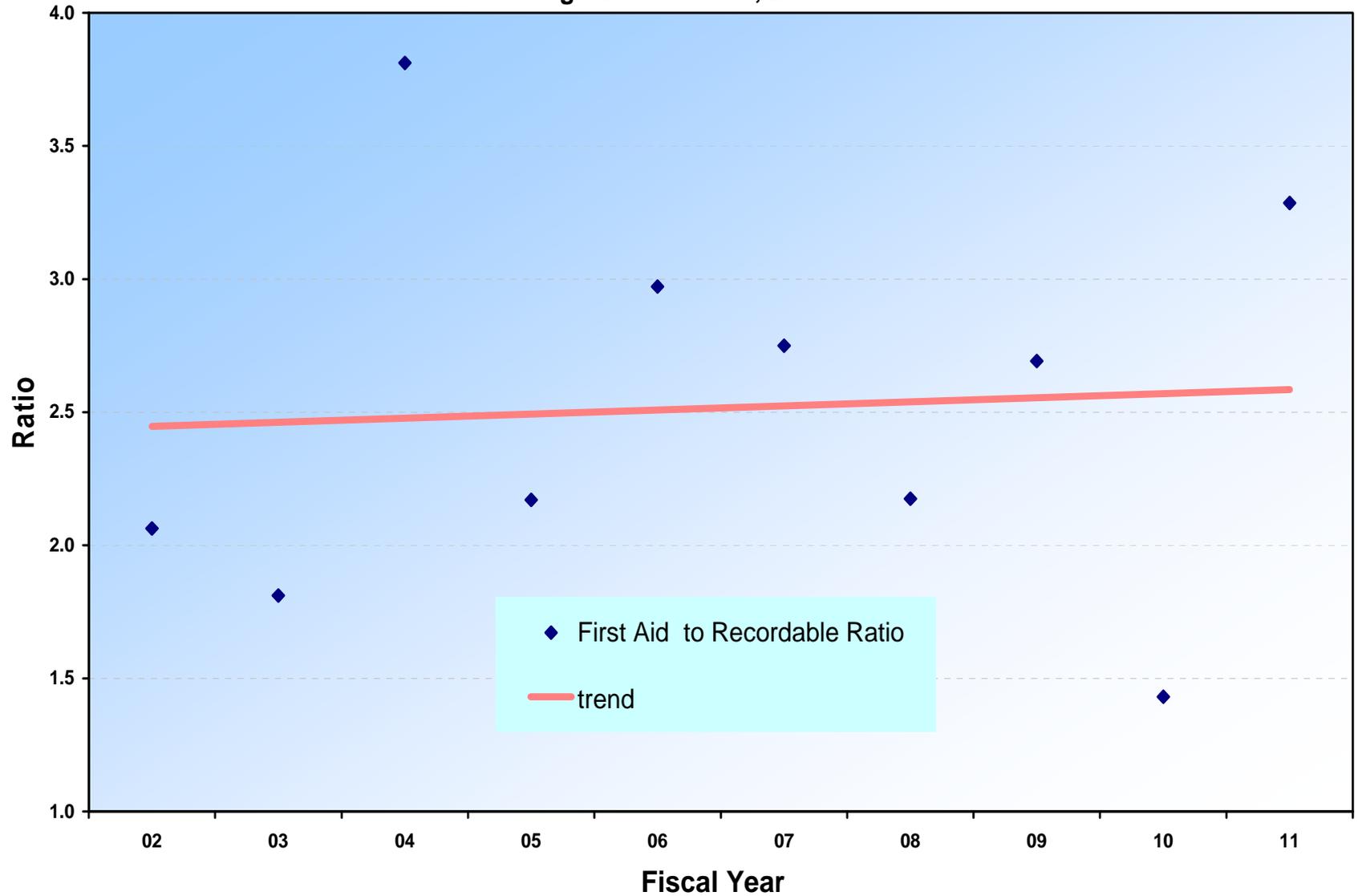


## Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000

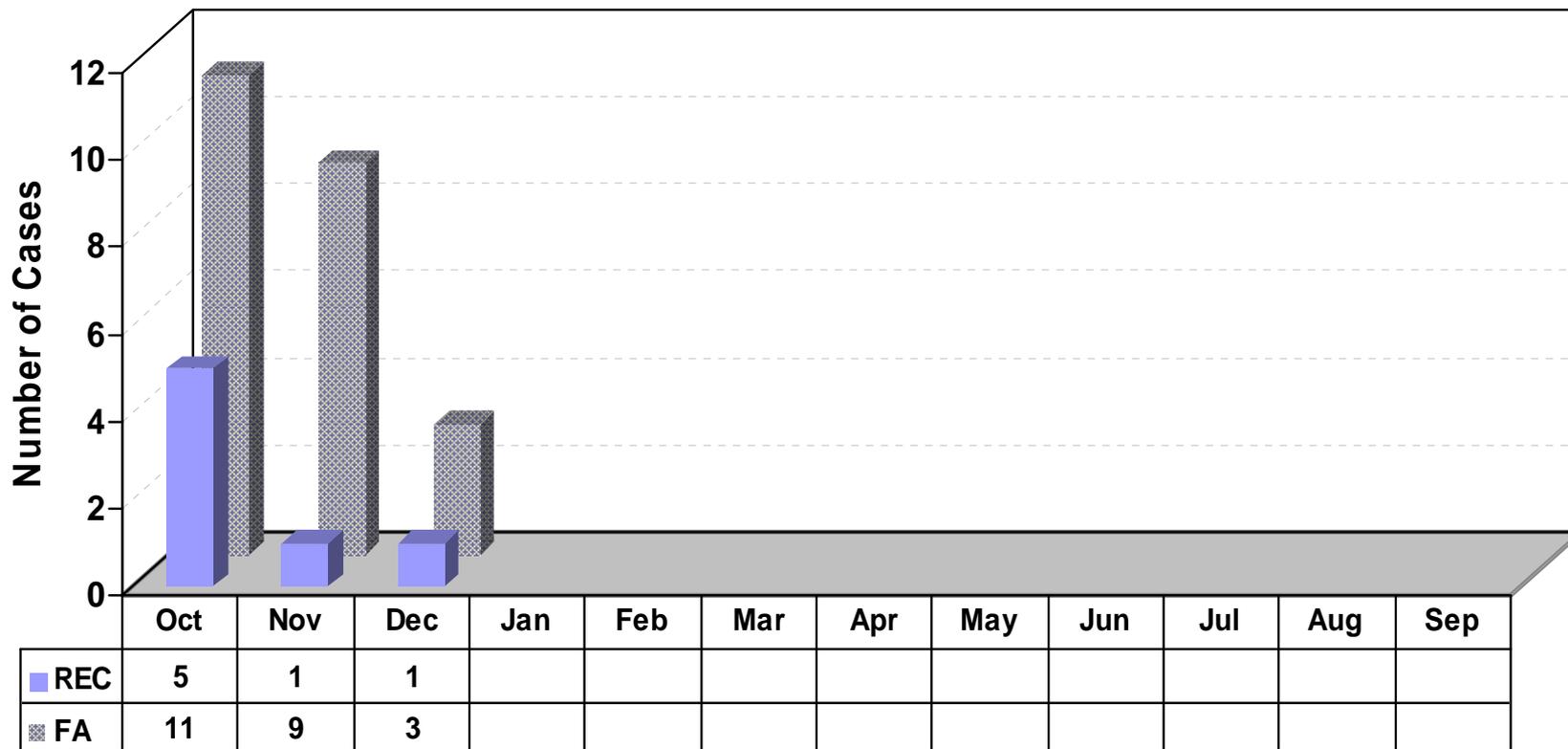


# First Aid to Recordable Case Ratio

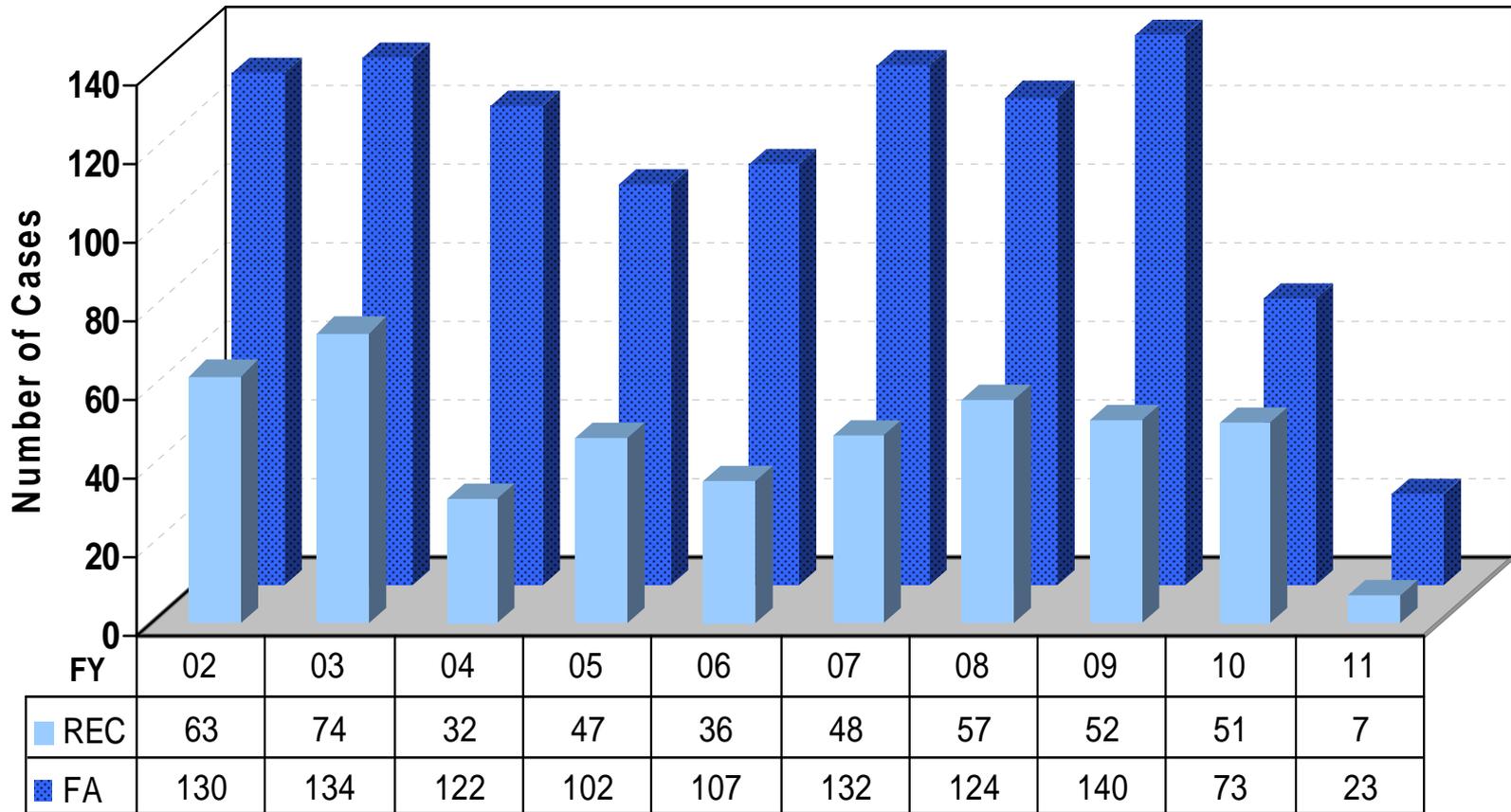
through December 31, 2010



## FY2011 First Aid to Recordable Comparison through December 31, 2010



## FY02 to FY2011 First Aid to Recordable Comparison through December 31, 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
<b>LBNL Research</b>													
<b>Computing Sciences</b>	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
<b>General Sciences</b>	0	0	1	0	0	0	0	0	0	0	0	0	1
AFRD	0	0	0	0	0	0	0	0	0	0	0	0	0
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
<b>Life &amp; Environmental Sciences</b>	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
<b>Physical Sciences</b>	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
<b>LBNL Research Sub-Total</b>	1	0	1	0	0	0	0	0	0	0	0	0	2
<b>LBNL Support</b>													
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
<b>LBNL Support Sub-Total</b>	2	1	0	0	0	0	0	0	0	0	0	0	3
<b>LBNL Total</b>	3	1	1	0	0	0	0	0	0	0	0	0	5
<b>LBNL Construction</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
<b>LBNL Service Subcontractors</b>	1	0	0	0	0	0	0	0	0	0	0	0	1
<b>Site Grand Total</b>	5	1	1	0	0	0	0	0	0	0	0	0	7
<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 12/31/10

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
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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
<b>General Sciences</b>	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
<b>Life &amp; Environmental Sciences</b>	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
<b>Physical Sciences</b>	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
<b>LBNL Research Sub-Total</b>	<b>0</b>												
<b>LBNL Support</b>													
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
<b>LBNL Support Sub-Total</b>	<b>2</b>	<b>0</b>	<b>2</b>										
<b>LBNL Total</b>	<b>2</b>	<b>0</b>	<b>2</b>										
<b>LBNL Construction</b>	<b>0</b>												
<b>LBNL Service Subcontractors</b>	<b>1</b>	<b>0</b>	<b>1</b>										
<b>Site Grand Total</b>	<b>3</b>	<b>0</b>	<b>3</b>										
<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 12/31/10

Notes: Projections assume that hours worked will remain constant