

Berkeley Lab Accident Statistics Through July 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

Injury/Illness Cases – Slip / Trip / Fall July 2011

- Custodian – Strain of lower leg (calf region)
 - While descending the trailer steps at B31A, the employee turned to ensure the door closed behind him. His left foot slipped off the nose of the tread which had been worn smooth.
- Custodian – Abrasion to lower leg
 - The employee's work cart tipped over after the wheels struck an irregularity in the concrete walkway surface. The cart struck the employee's leg and caused the employee to fall to the ground.

Injury/Illness Cases – Material Handling July 2011

- Plumber / Fitter – Strain of lower back
 - The employee experienced a lower back strain while transferring a 280 pound valve from a hand truck to the lower shelf of a rolling storage cart.
- Administrative Assistant – Strain of lower back
 - The employee experienced lower back pain and discomfort after setting up (moving tables and stackable chairs) two different conference rooms on the same day.

Injury/Illness Cases – Ergonomic July 2011

- Research Associate – Neck strain
 - The employee developed neck and shoulder discomfort, while standing and crouching (to align the arms with the hood's sash opening and working surface) for extended time periods at a biosafety cabinet.

Injury/Illness Cases – Chemical July 2011

- Graduate Student Research Assistant – Chemical burn on finger
 - The graduate student noted a burning sensation on a finger after searching for a chemical container on a shelf. The employee had worn gloves while handling the containers. Further investigation by the employee found that some 1,2-diaminobenzene powder may have contaminated the exterior of the diaminobenzene container which had been moved during search.

Injury/Illness Cases – Chemical July 2011

- Scientific Engineering Associate – Chemical burn to arm
 - The employee experienced a burning sensation on the arm while working with HF in a chemical fume hood. The employee was wearing appropriate PPE for the work. The employee took all appropriate steps for treatment of HF exposure (flushing, calcium gluconate gel) and summoned emergency medical assistance with subsequent evaluation at an emergency medical facility. Subsequent investigation determined that the burn was not due to HF, but from other sources (probable reuse of Viton gloves or surface contamination from others).

Injury/Illness Cases – Trauma

July 2011

- Painter – Knee strain
 - Despite the use of knee pads, discomfort and pain developed while the employee was kneeling during the performance of routine work.
- Electronics Engineering Associate – Thumb laceration
 - The employee suffered a laceration of the thumb due to a jagged Ty-wrap (cable tie) end in a power rack. Gloves were not worn and the tie had not been installed and clipped with the proper tool.

Injury/Illness Cases – Trauma

July 2011

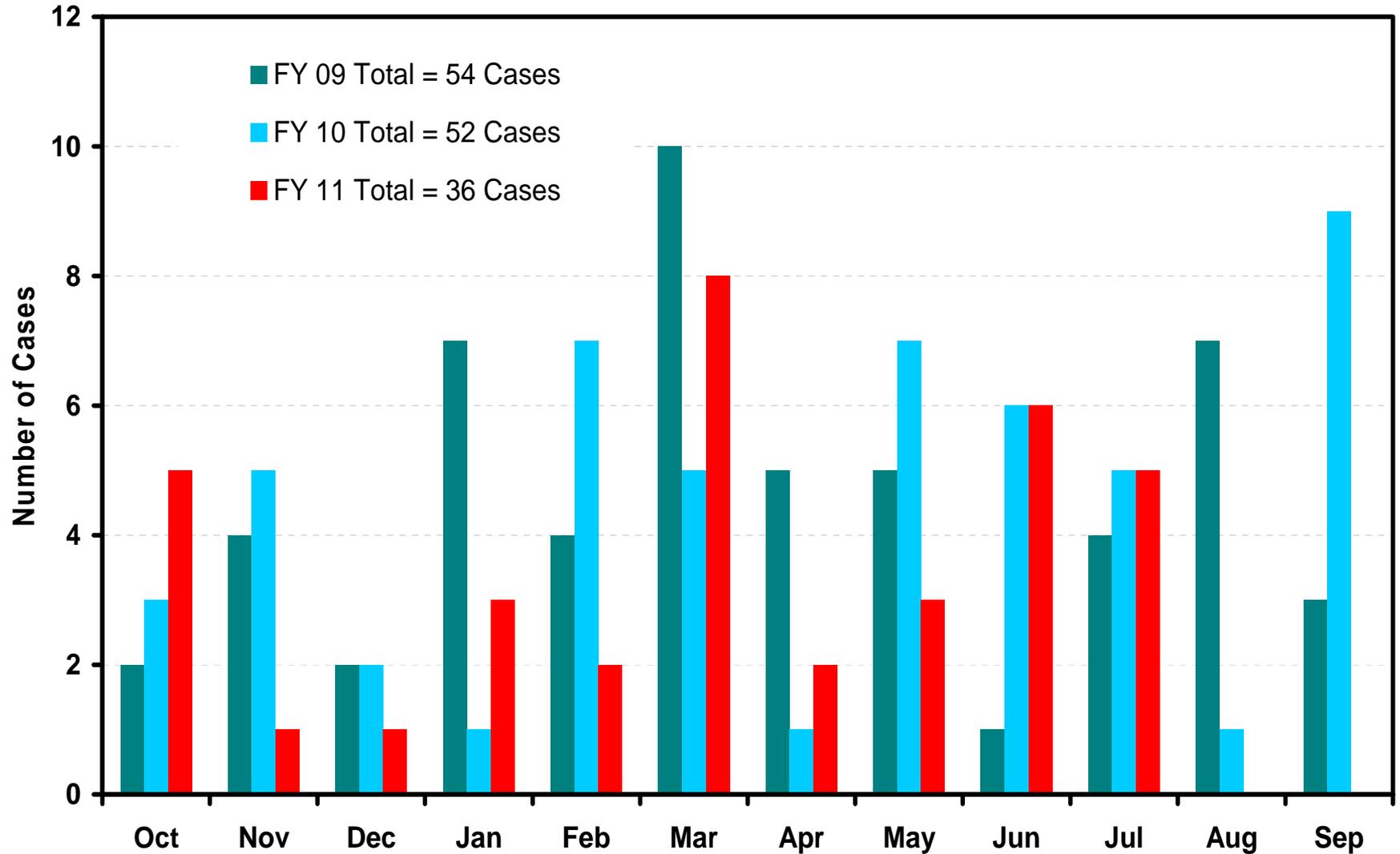
- Administrator – Laceration on scalp
 - The employee was checking the audio visual connections on the wall under a flat panel television screen in a conference room. The back of the employee's head struck the lower corner of the TV upon standing up.
- Guest Student Assistant – Abrasion on arm
 - The employee did not see the lifting pin on the corner of a refuse bin and grazed the forearm against it while walking past the bin.

Injury/Illness Cases – Trauma

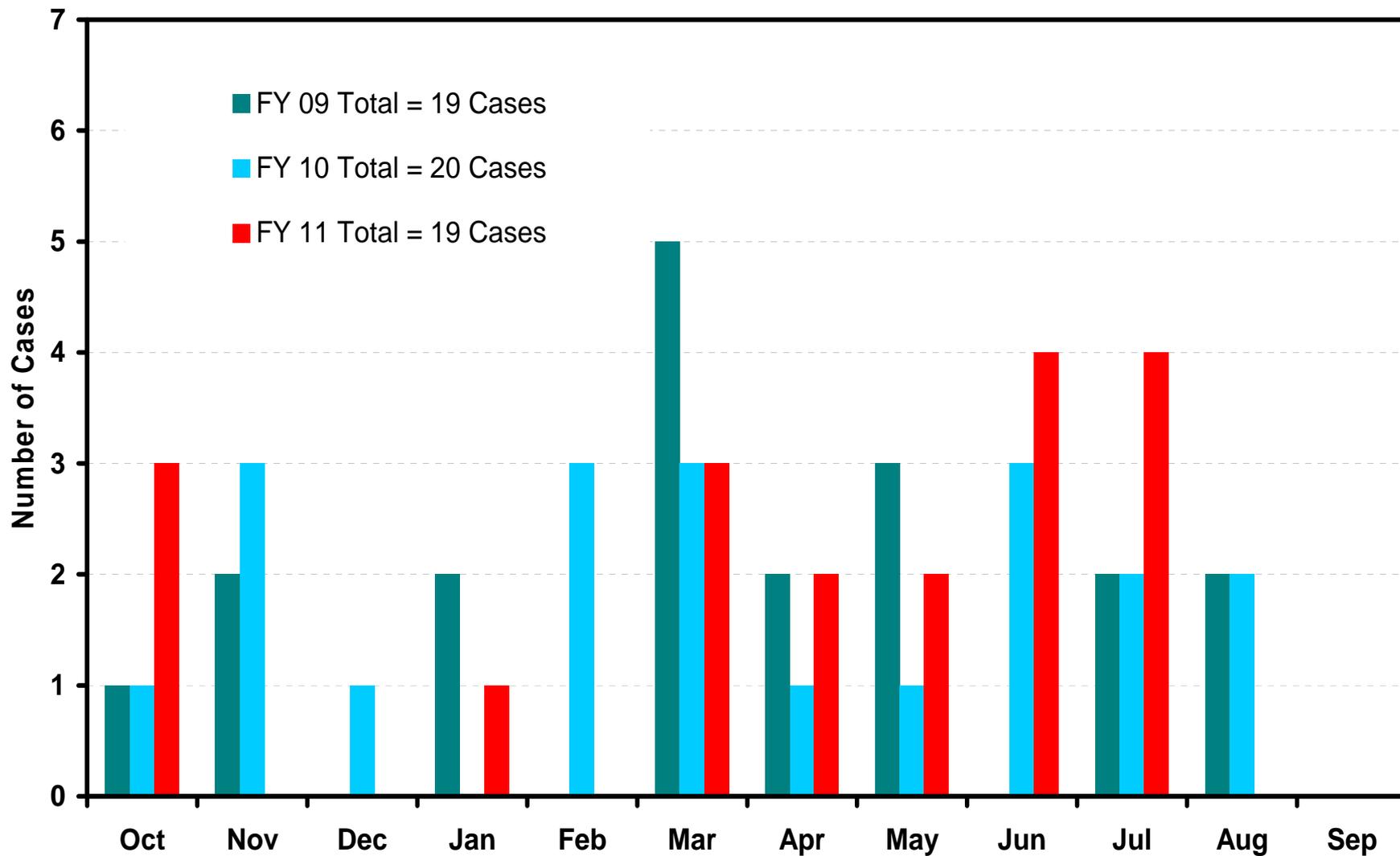
July 2011

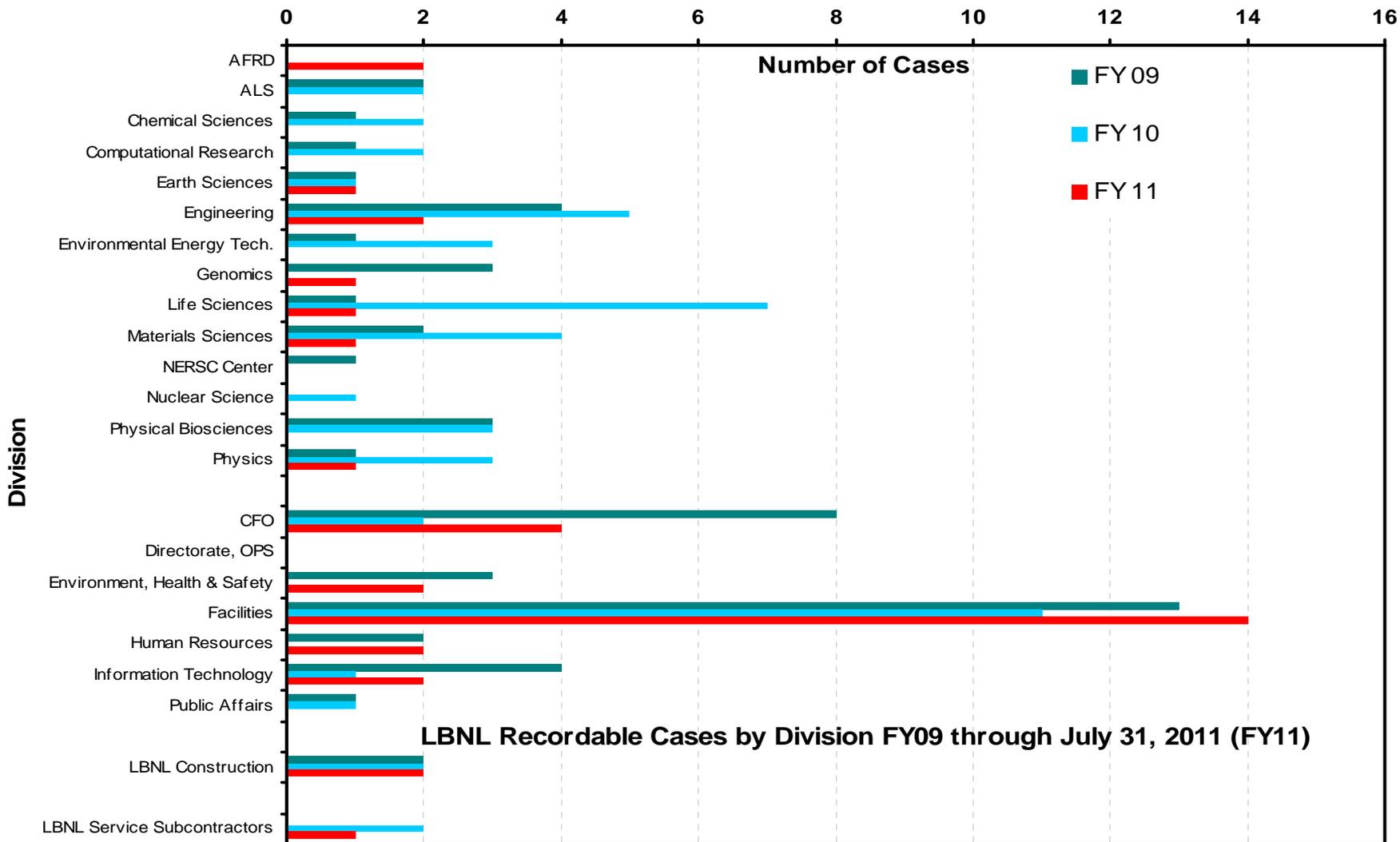
- Electrician – Laceration on lip
 - While attempting to pull a fixture box flush with wall surface, the pliers lost grip on the fixture box. The employee's pulling forced drew the tool directly toward his face and struck the lower lip.
- Carpenter – splinter in finger
 - The employee was loading wooden shelving into the bed of a truck when his gloved finger ran over a rough edge. A splinter penetrated the weave of the Ansell cut resistant glove.

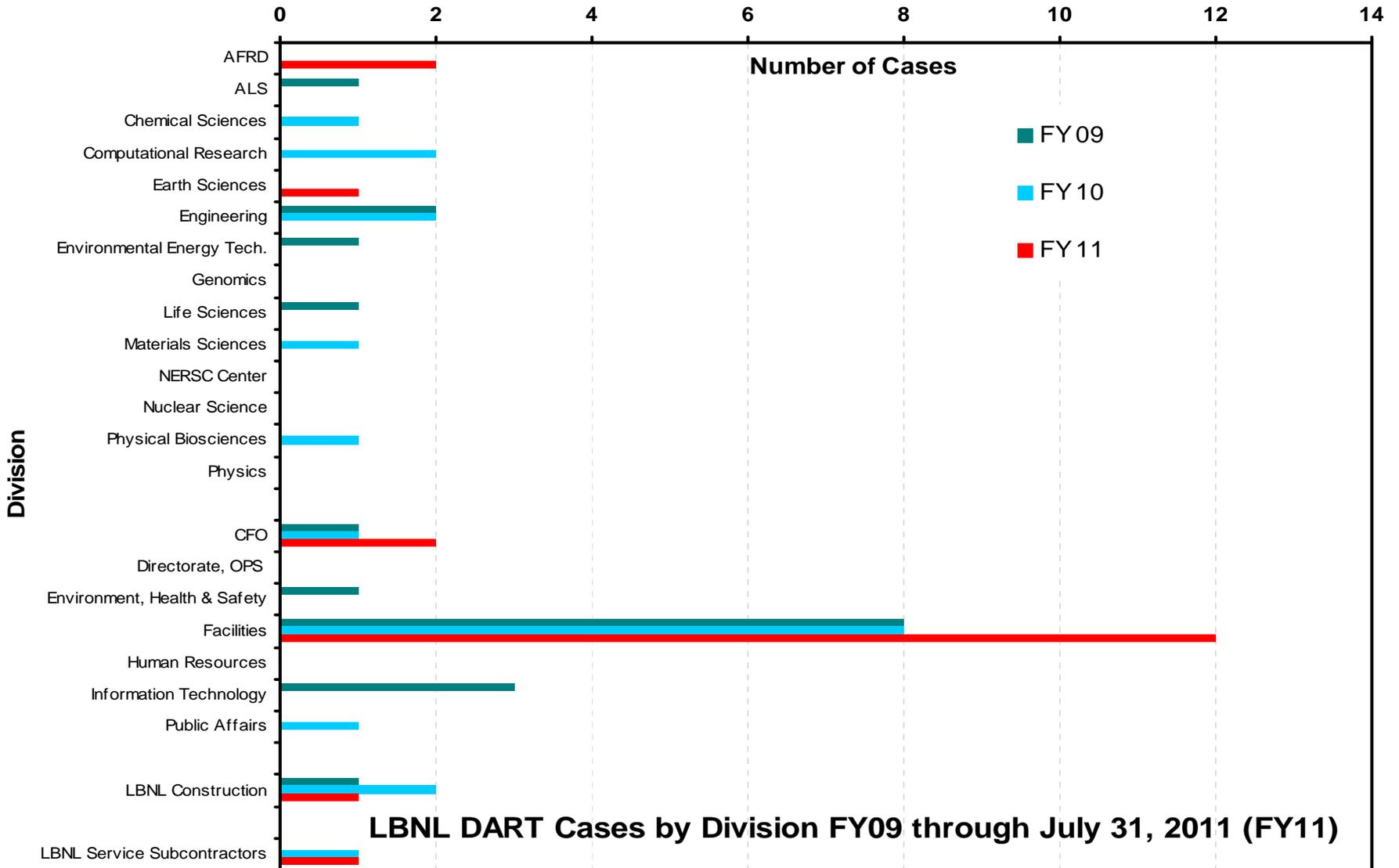
LBNL Recordable Cases FY09 through July 31, 2011 (FY11)



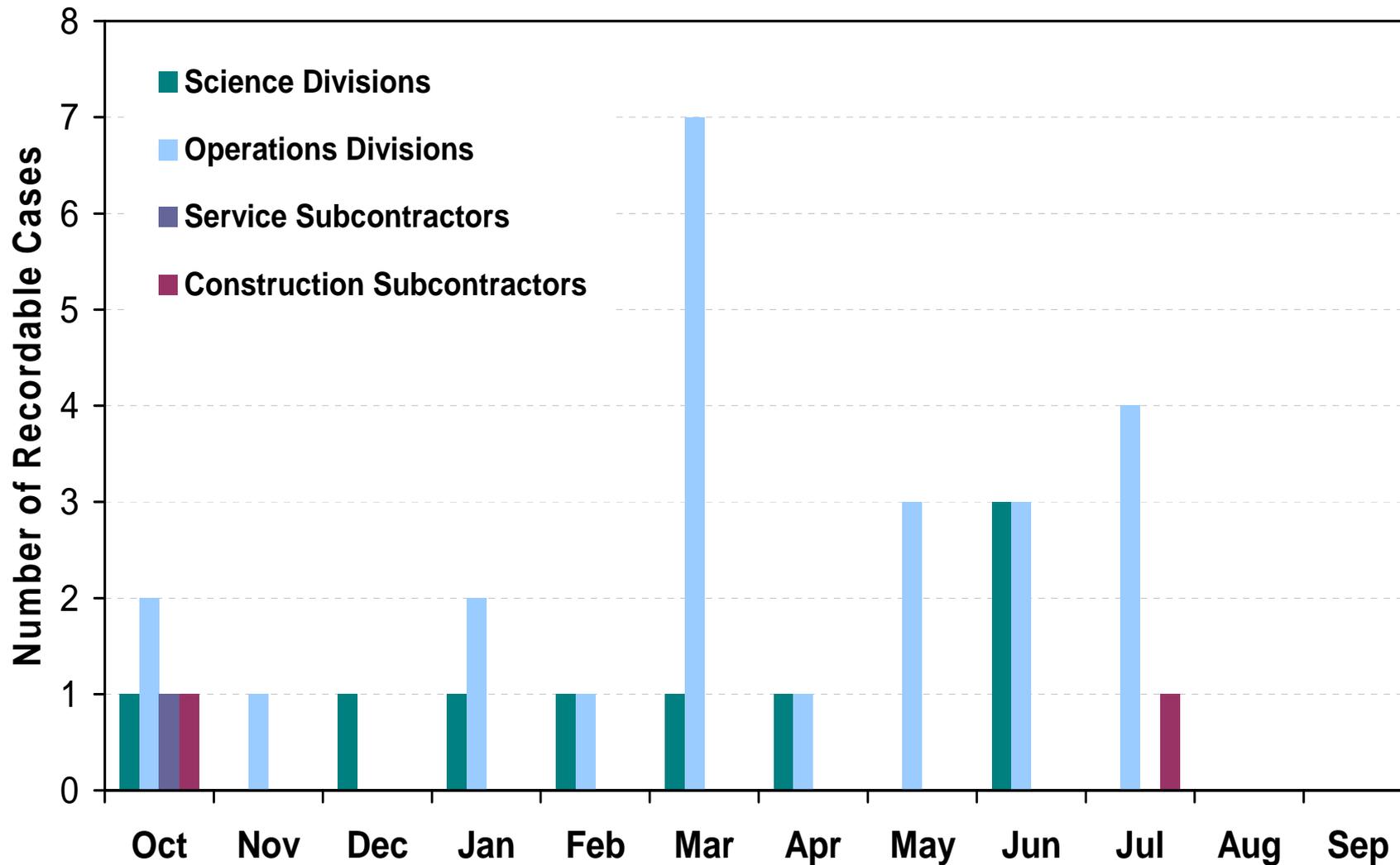
LBL DART Cases FY09 through July 31, 2011 (FY11)



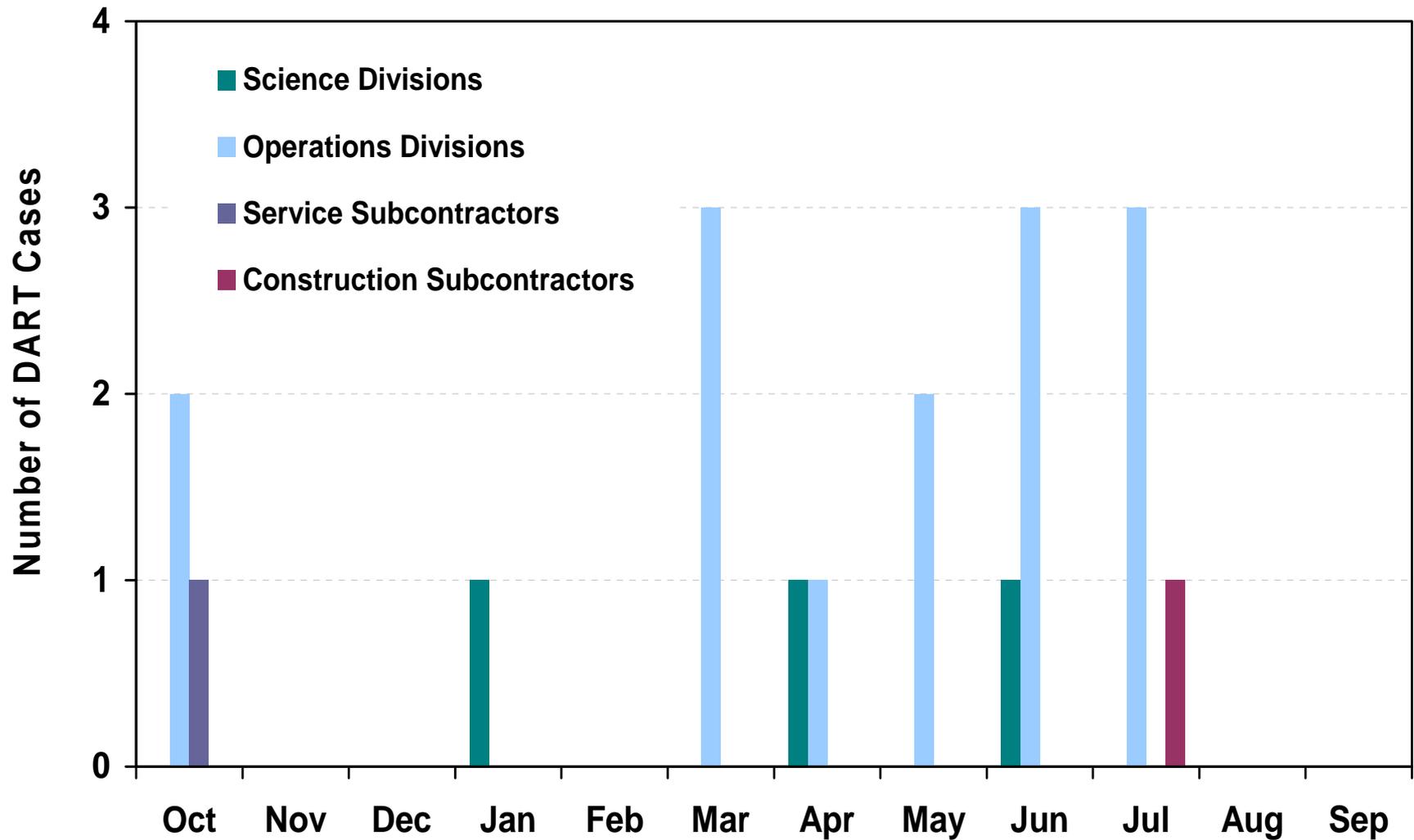




Recordable Cases by LBNL Major Organization FY 2011 To Date July 31, 2011



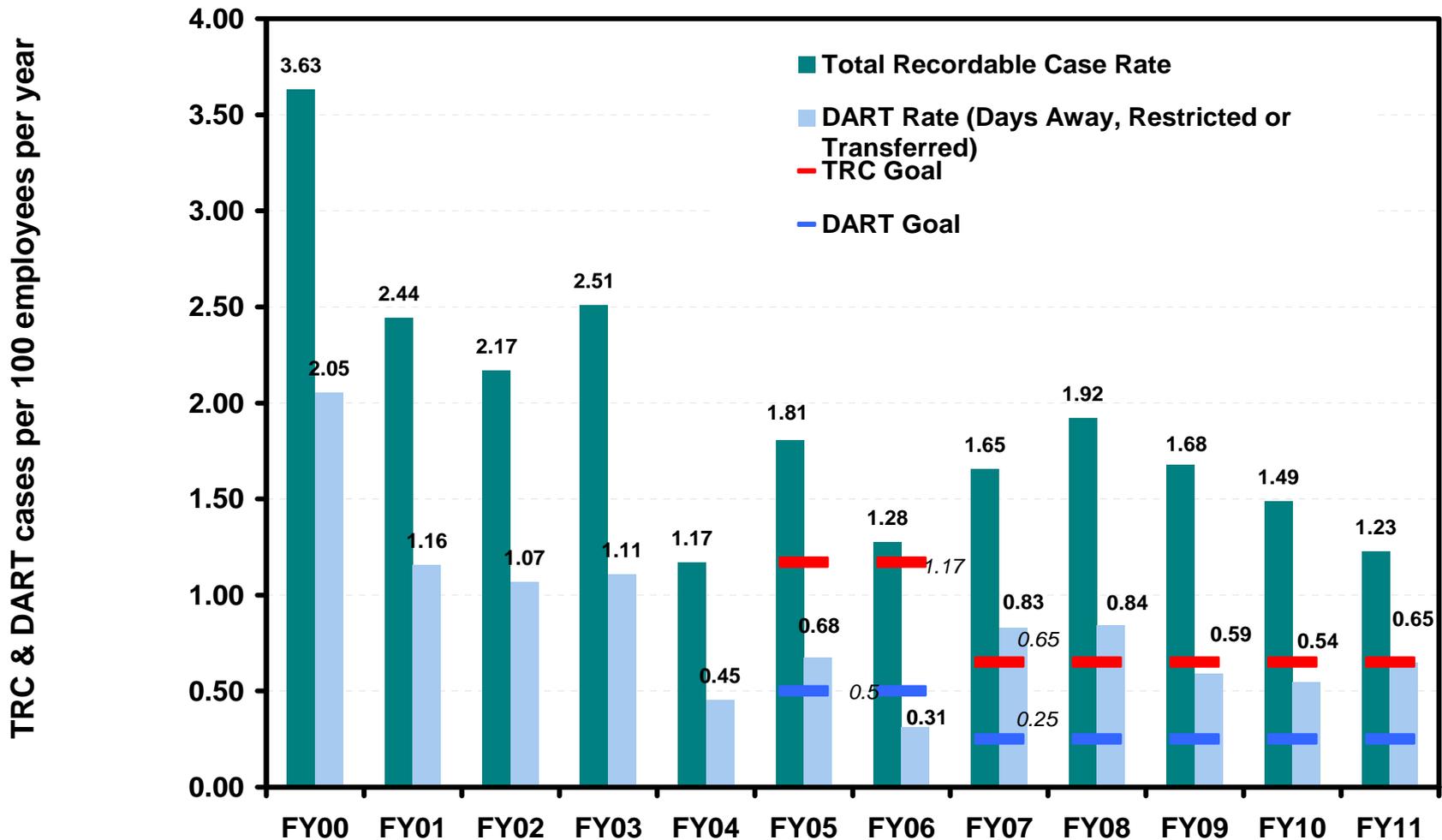
DART Cases by LBNL Major Organization FY 2011 To Date July 31, 2011



Berkeley Lab Site-Wide TRC & DART Rates

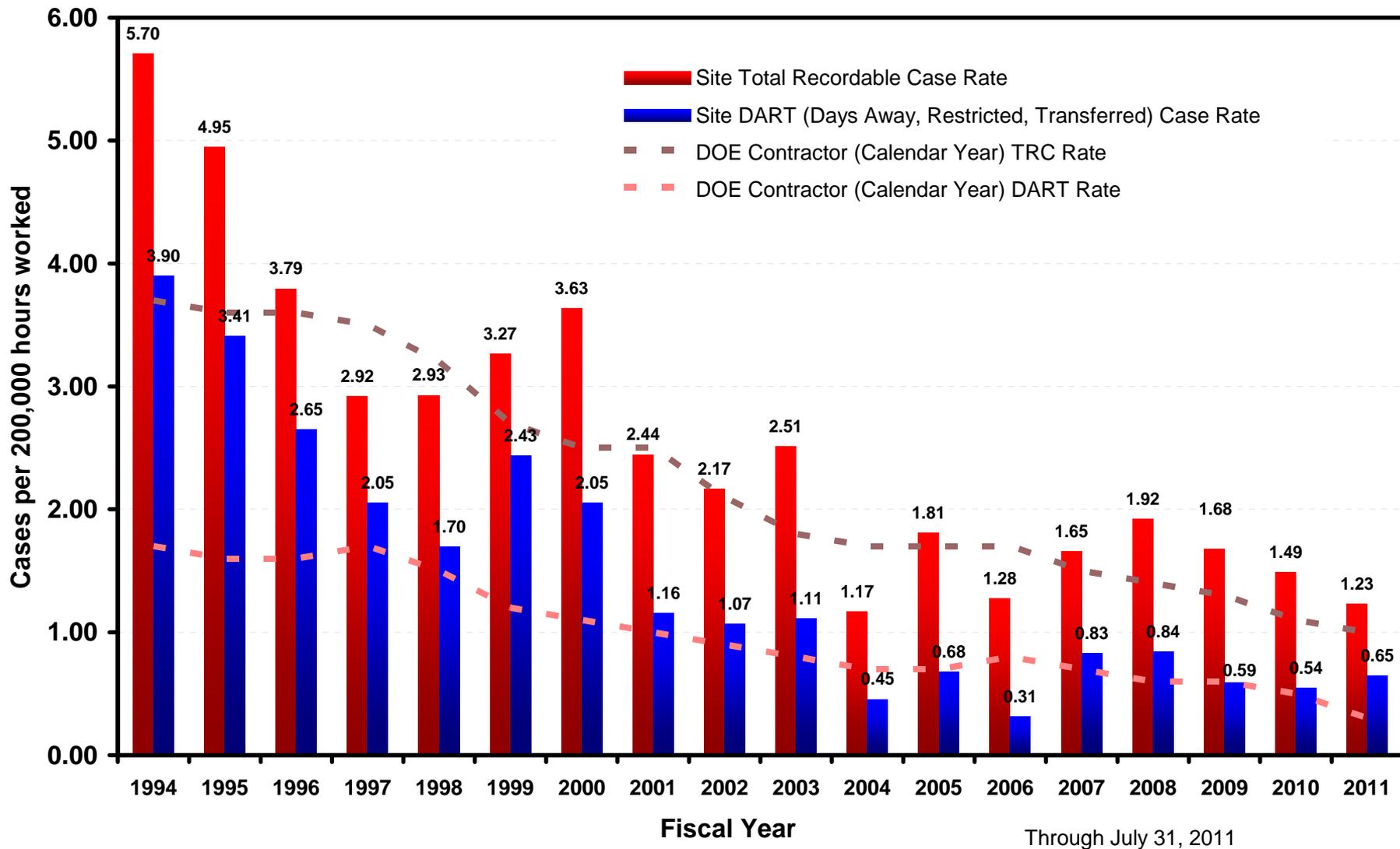
(Includes all Construction and Service Contractors)

Through July 31, 2011



LBNL vs DOE Contractor Rates

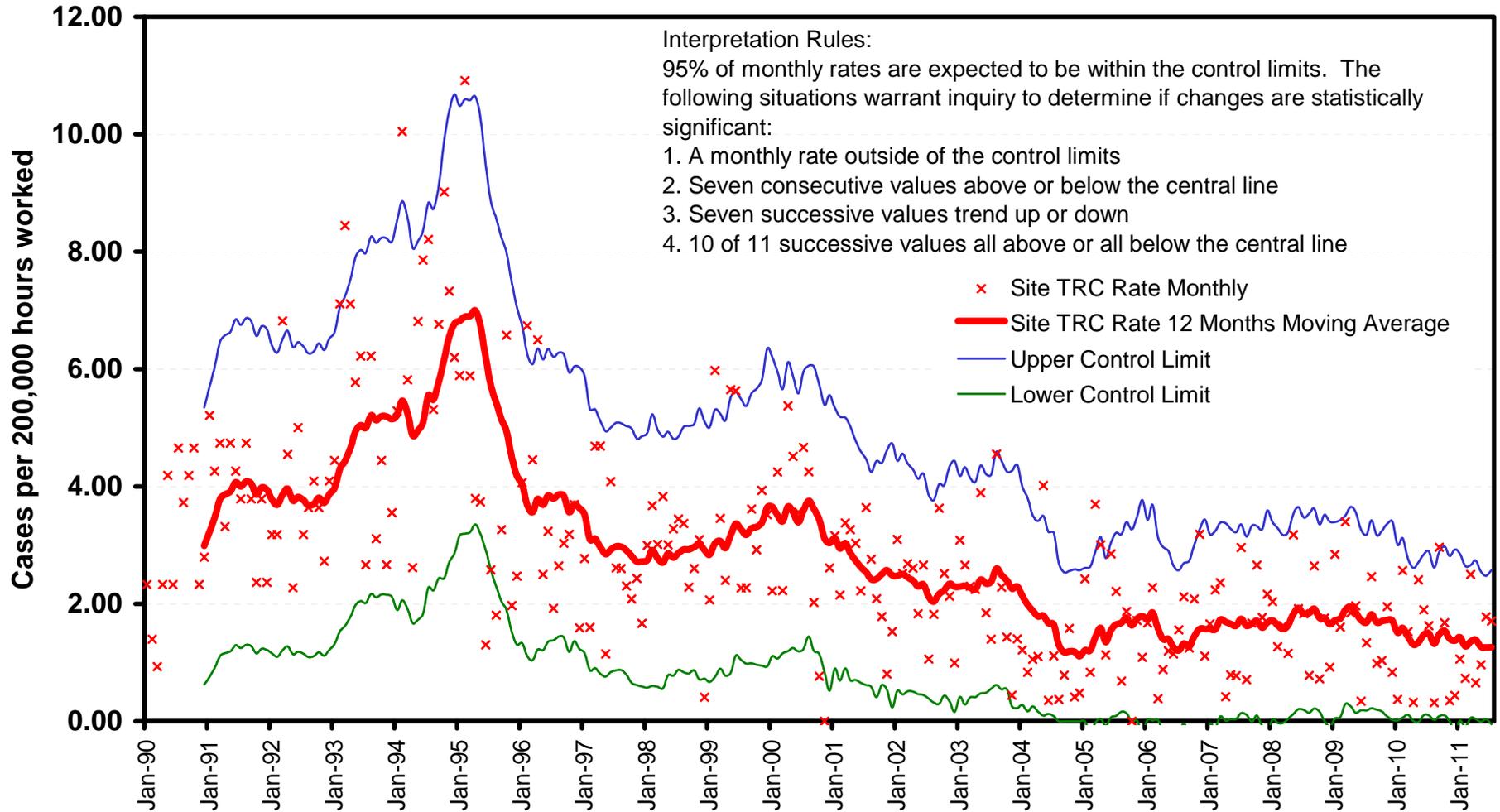
Berkeley Lab Site Accident Rates



Through July 31, 2011

Long Term Injury Rates - TRC

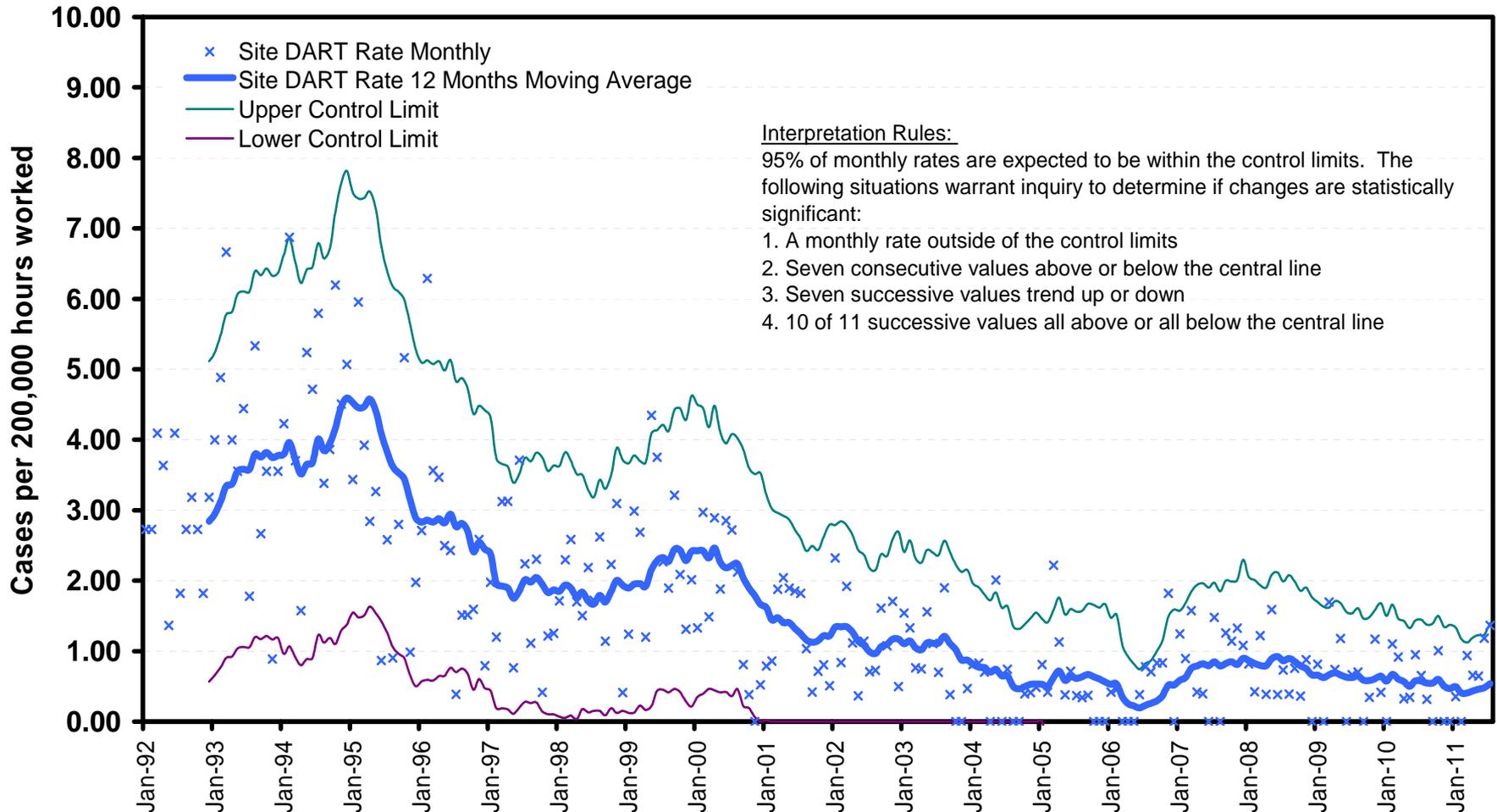
Berkeley Lab Total Recordable Case Rates With Control Limits At 95% Confidence Level



Through July 31, 2011

Long Term Injury Rates - DART

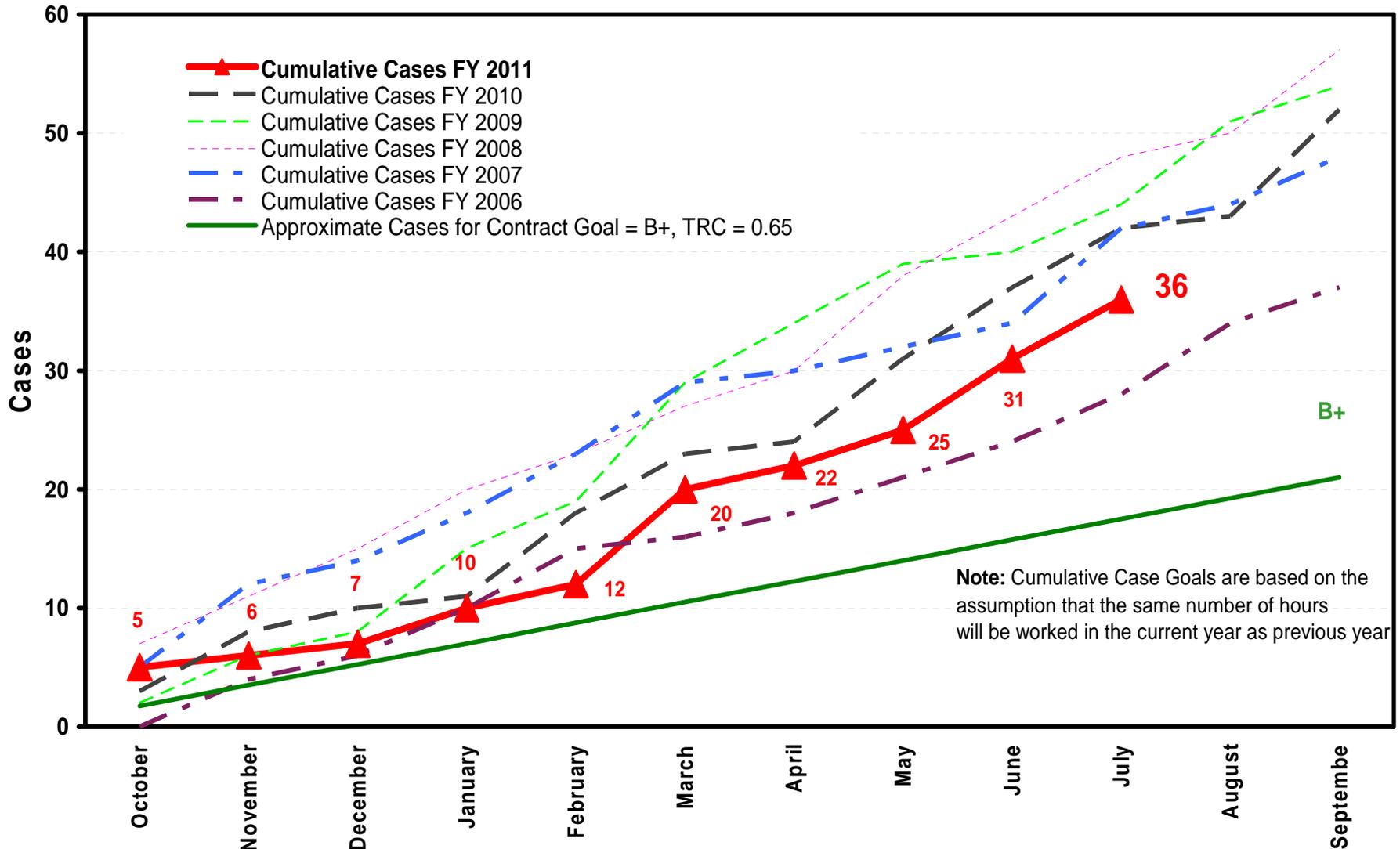
Berkeley Lab DART Rates With Control Limits At 95% Confidence Level
(Cases with Days Away, Restricted or Transferred)



Through July 31, 2011

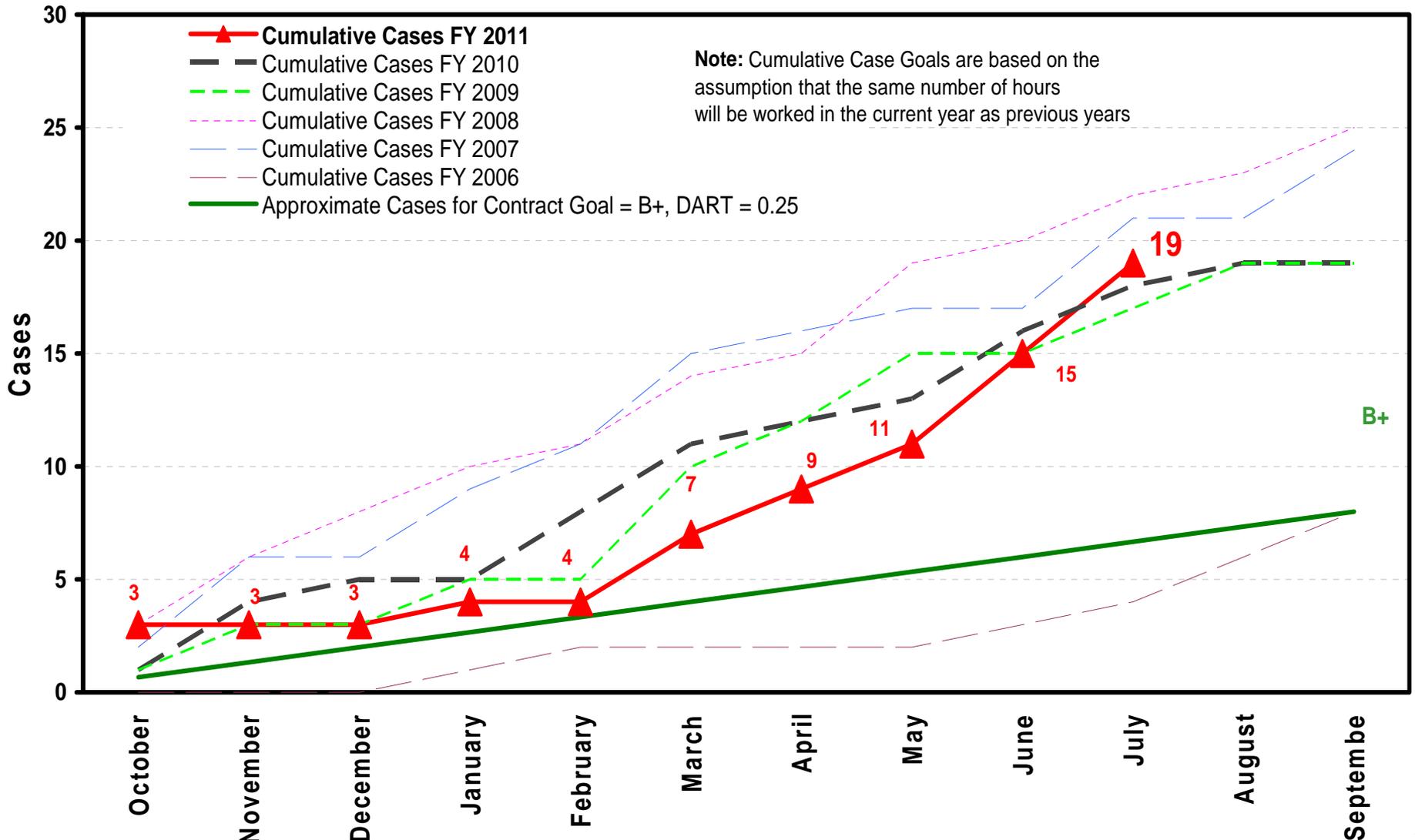
Performance vs Contract Goals - TRC

Berkeley Lab and Subcontractors
 Cumulative Total Recordable Cases
 By Fiscal Year

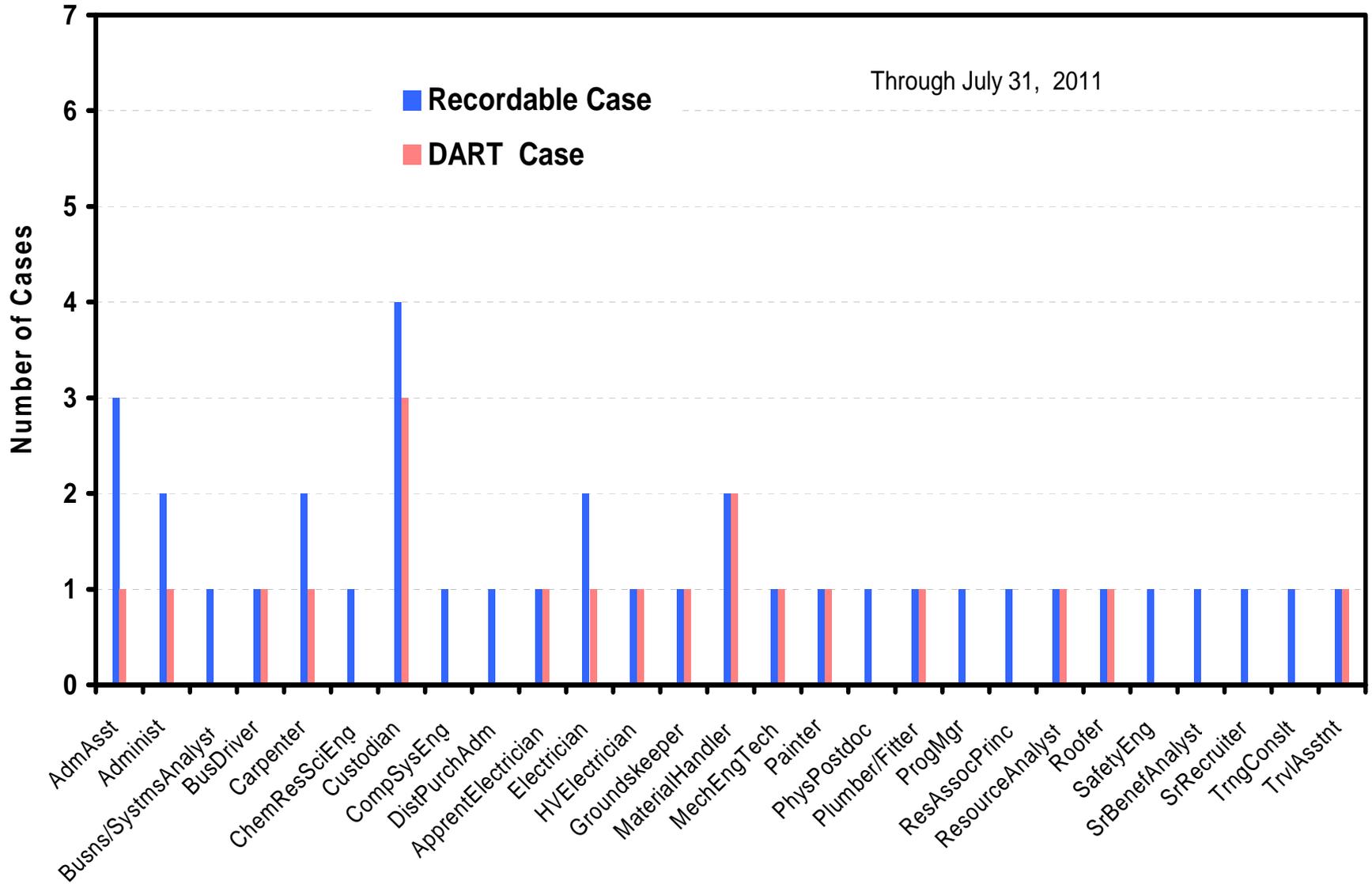


Performance vs Contract Goals - DART

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

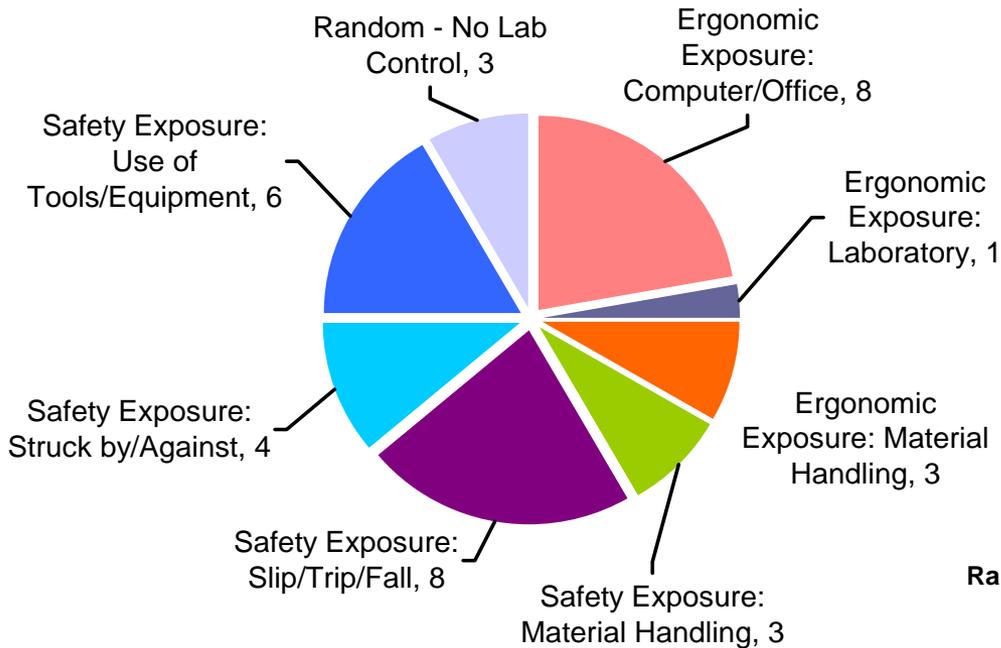


Recordable and DART Cases by Job Classification

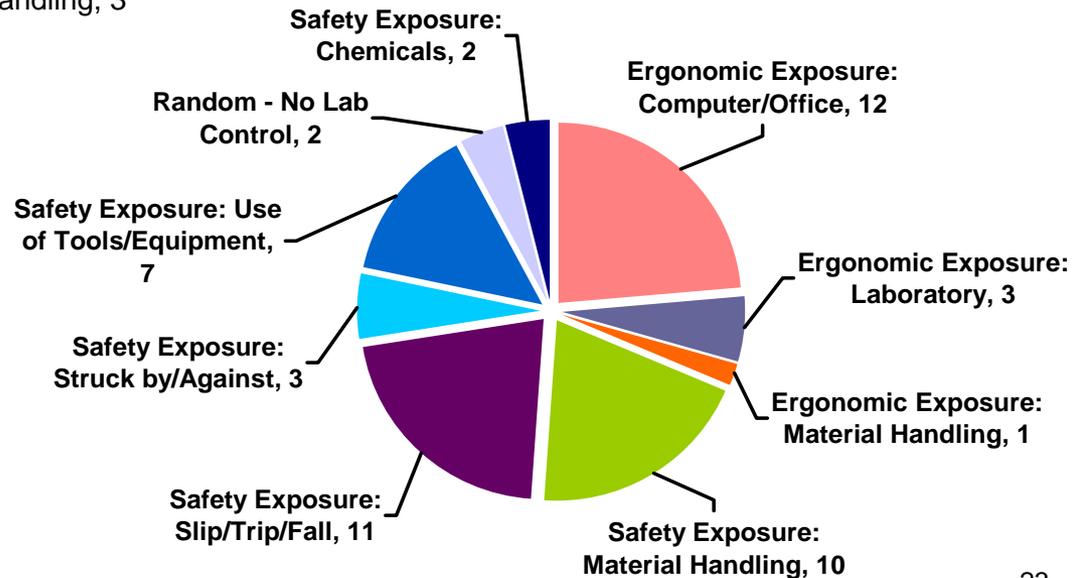


Recordable Injury Categories and Causes

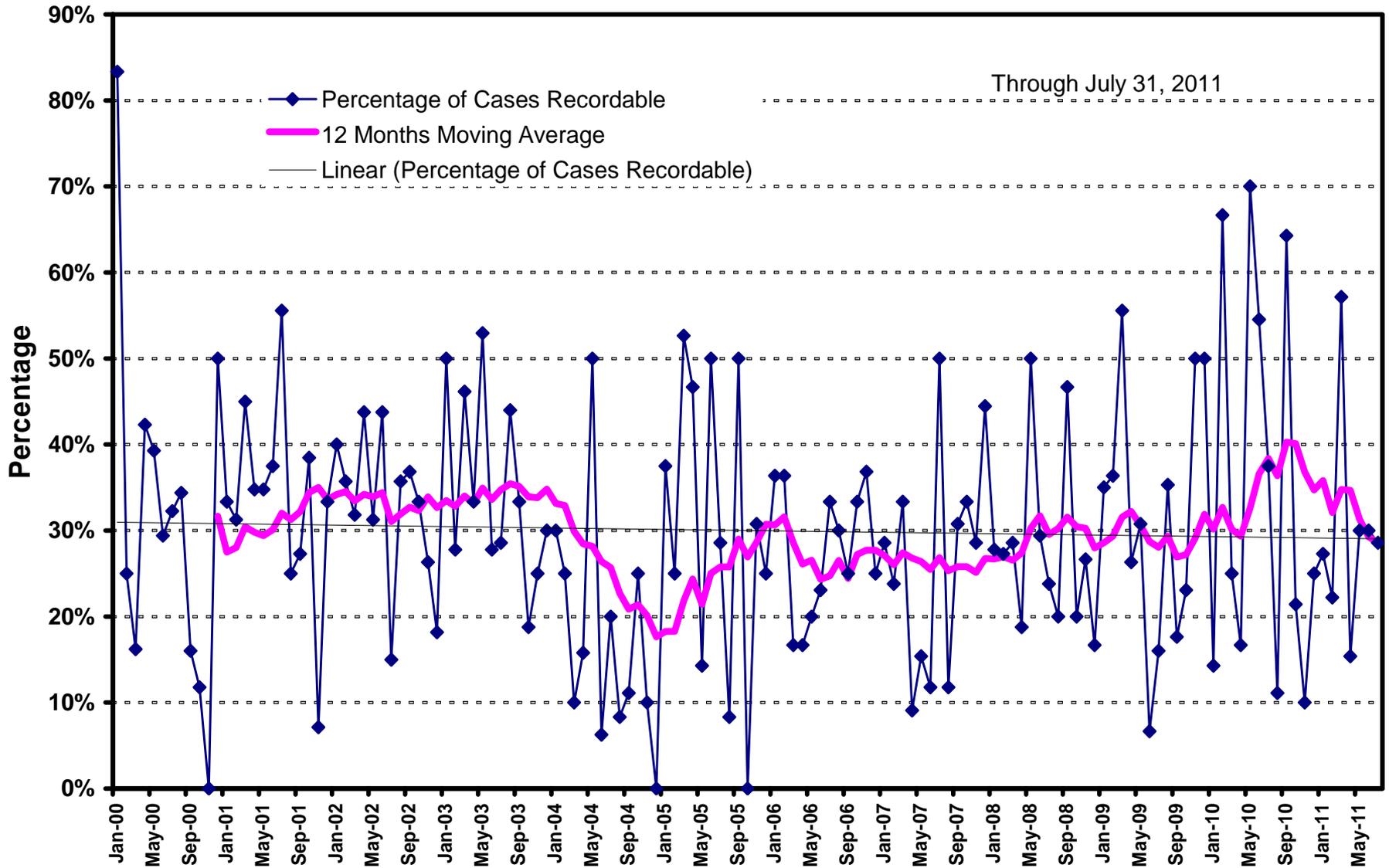
FY 2011 through July 31, 2011



FY 2010

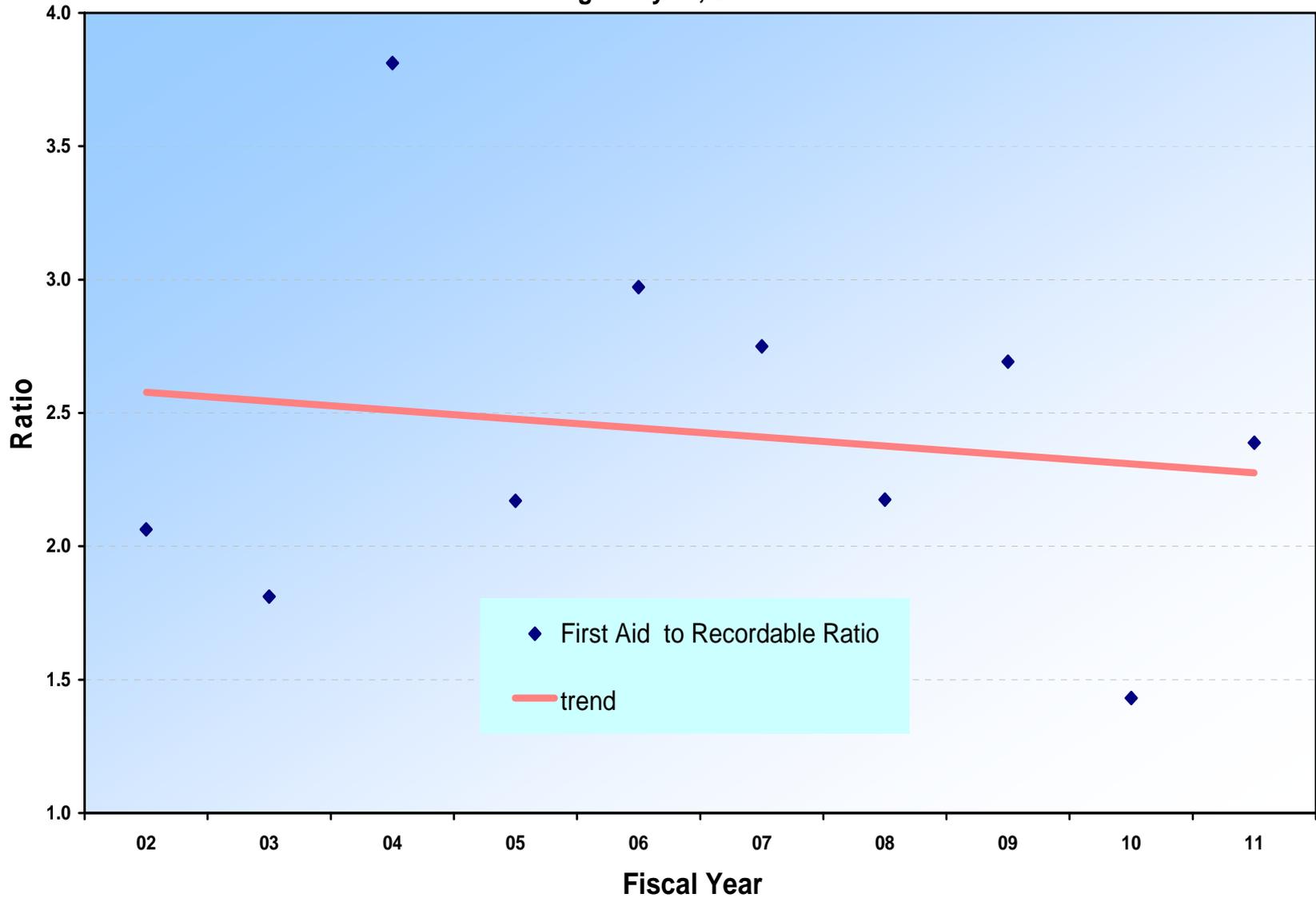


Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000

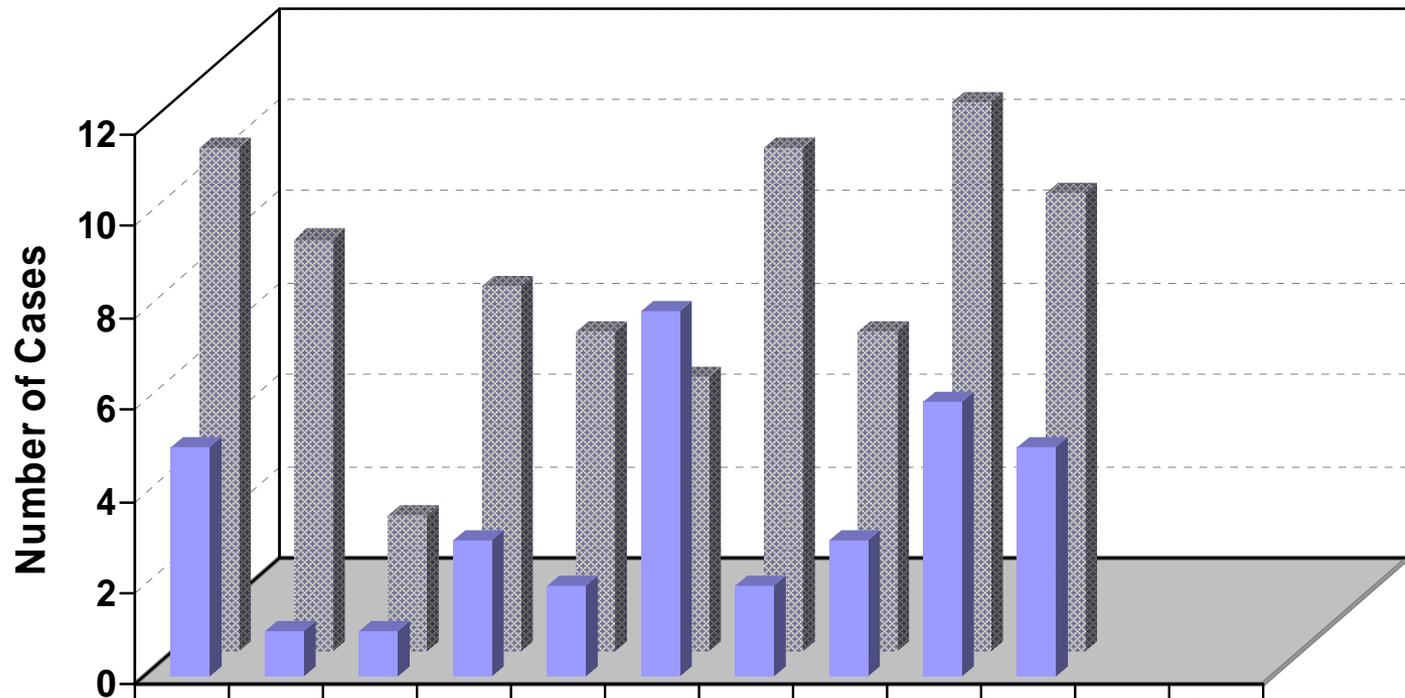


First Aid to Recordable Case Ratio

through July 31, 2011

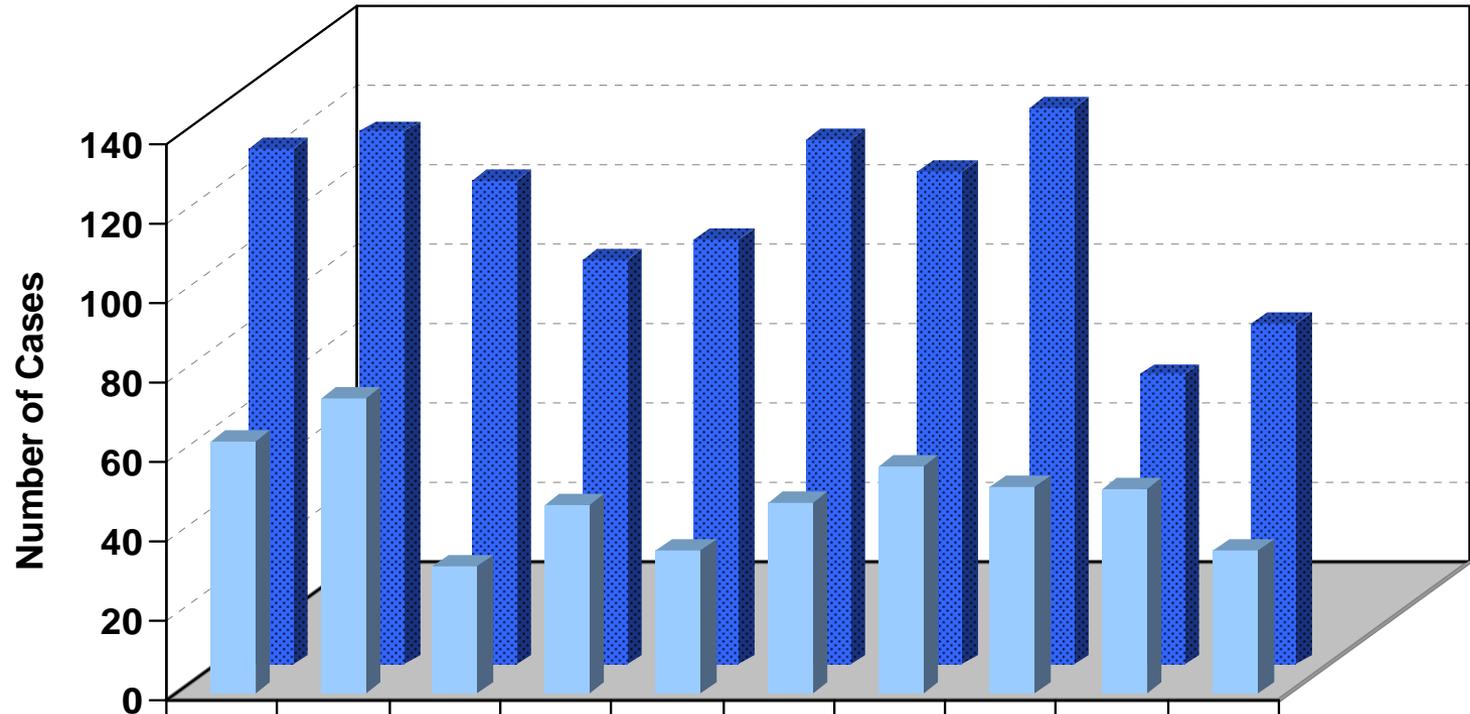


FY2011 First Aid to Recordable Comparison through July 31, 2011



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	5	1	1	3	2	8	2	3	6	5		
■ FA	11	9	3	8	7	6	11	7	14	10		
FA to REC Ratio	2.2	9.0	3.0	2.7	3.5	0.8	5.5	2.3	2.3	2.0		
% of Total as FA	69	90	75	73	78	43	85	70	70	67		
% of Total as REC	31	10	25	27	22	57	15	30	30	33		

FY02 to FY2011 First Aid to Recordable Comparison through July 31, 2011



FY	02	03	04	05	06	07	08	09	10	11
REC	63	74	32	47	36	48	57	52	51	36
FA	130	134	122	102	107	132	124	140	73	86
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.4
% of Total as FA	67	64	79	68	75	73	69	73	59	70
% of Total as REC	33	36	21	32	25	27	31	27	41	30

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	1	0	0	0	5
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	1	0	0	0	1
Life & Environmental Sciences	0	0	0	0	0	1	0	0	2	0	0	0	3
Earth Sciences	0	0	0	0	0	0	0	0	1	0	0	0	1
Genomics	0	0	0	0	0	1	0	0	0	0	0	0	1
Life Sciences	0	0	0	0	0	0	0	0	1	0	0	0	1
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	3	0	0	0	9
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	2	3	4	0	0	14
Human Resources	0	0	0	0	1	1	0	0	0	0	0	0	2
Information Technology	0	0	0	1	0	0	0	1	0	0	0	0	2
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	1	7	1	3	3	4	0	0	24
LBNL Total	3	1	1	3	2	8	2	3	6	4	0	0	33
LBNL Construction	1	0	0	0	0	0	0	0	0	1	0	0	2
LBNL Service Subcontractors	1	0	0	0	0	0	0	0	0	0	0	0	1
Site Grand Total	5	1	1	3	2	8	2	3	6	5	0	0	36
<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 7/31/11

Notes: Projections assume that hours worked will remain constant

LBNL DART (Days Away, Restricted, or Excess) 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	1	0	0	0	1
Earth Sciences	0	0	0	0	0	0	0	0	1	0	0	0	1
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	1	0	0	0	3
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	2	3	3	0	0	12
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	2	3	3	0	0	14
LBNL Total	2	0	0	1	0	3	2	2	4	3	0	0	17
LBNL Construction	0	0	0	0	0	0	0	0	0	1	0	0	1
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	2	4	4	0	0	19
<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 7/31/11

Notes: Projections assume that hours worked will remain constant