

Berkeley Lab Accident Statistics Through June 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 – Slip / Trip / Fall June 2011

- Administrator – Fractured wrist
 - The employee fell to the parking lot surface while walking.
- Project Manager – Contusion of wrist and hand
 - The employee tripped while ascending exterior wooden staircase (handrail was not used).
- Custodian – Ankle sprain
 - The employee’s ankle ‘rolled’ as the sole of the work shoe crossed the pavement transition around an 8 inch underground utility valve surface cover.

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

- Faculty Guest – Abrasions on hands and knees
 - The Guest tripped over a fire hose in use by a building demolition crew that was stretched across the driveway access to the Health Services building.
- Research Associate – Fractured metatarsal
 - The employee stumbled off the sidewalk curb after being startled by a Red Tail hawk flying past his head.
- Writer / Editor – Abrasion, multiple upper extremities
 - The employee lost footing on the tapered curb transition of the paved walkway just above the Building 54 bust stop and fell to the pavement.

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

- Laborer – Contusion to upper arm
 - The employee lost footing on slippery concrete while cleaning a catch basin. The employee fell forward against the catch basin head wall.
- Scientist Engineering Associate – Ankle sprain
 - The employee's ankle gave way and rolled to the side as the employee descended the elongated concrete steps approaching the cafeteria.
- Guest Postdoctoral Fellow – Abrasion
 - The guest slipped on the edge of the step while de-boarding the Lab shuttle bus on a rainy June day.

Injury/Illness Cases – Musculoskeletal June 2011

- Biologist Senior Scientist / Engineer – Strain of lumbar spine
 - From sitting long hours at computer workstation while preparing research documents.
- Postdoctoral Fellow – Wrist strain
 - The employee developed wrist discomfort opening doors (many times a day) against the lab/building ventilation system pressure differential.

Injury/Illness Cases – Material Handling June 2011

- Computer Research Scientist / Engineer – Strain of lumbar spine
 - The employee felt pain in the lower back while moving a lounge chair in a conference room with a colleague.

Injury/Illness Cases – Ergonomic June 2011

- Postdoctoral Fellow – Repetitive strain of hand and forearm
 - The employee has worked extended hours on both the LBNL work station and laptop at home and when traveling.
- Chemist Research Scientist / Engineer – Tendinitis in hand
 - The employee recently increased the use of mortar and pestle in lab for grinding and mixing chemicals.

Injury/Illness Cases – Chemical June 2011

- Research Assistant – Report of possible chemical splash in eye
 - The employee experienced sensation of a chemical splash in eye while in the laboratory. No source substance was identified.
- Guest Student Assistant – Report of possible inhalation of nitrogen dioxide
 - The guest was performing an experiment that was not vented to the fume hood when a small amount of gas was released through a compromise in the experimental apparatus.

Injury/Illness Cases – Trauma

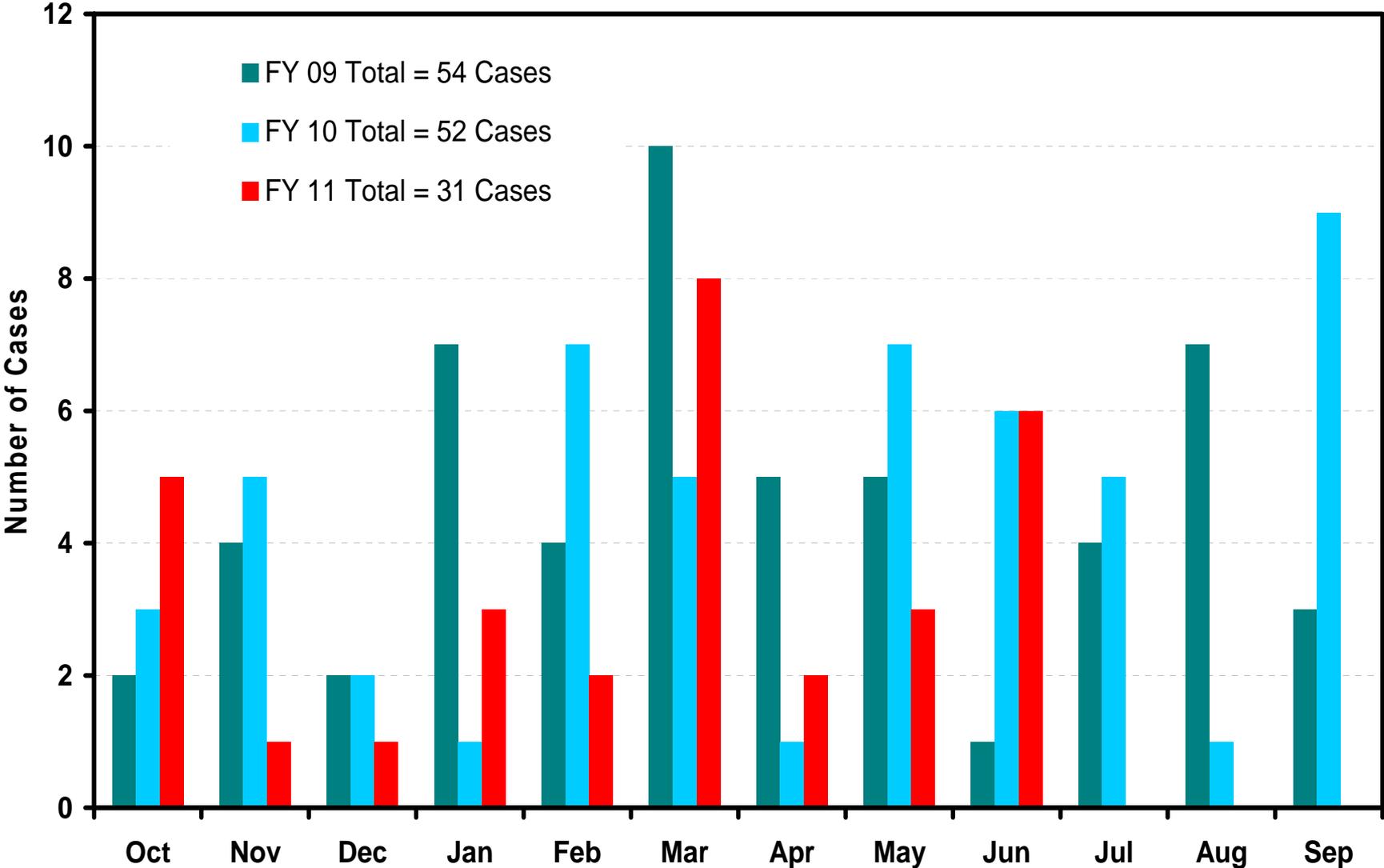
June 2011

- Computer Systems Lead – Contusion on forehead
 - The employee struck head against building structural column located in the entry foyer to Building 69.

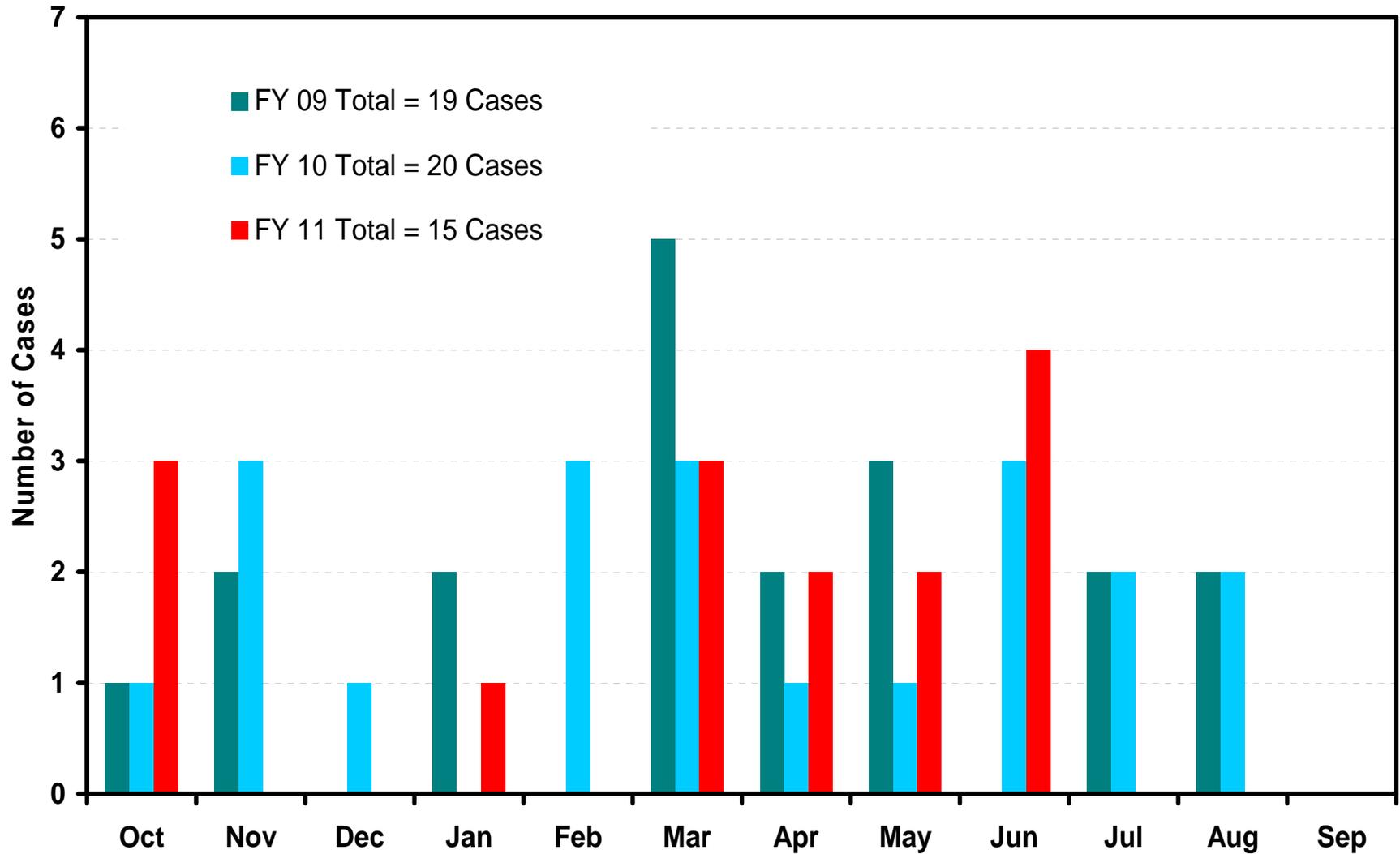
Injury/Illness Cases – Other June 2011

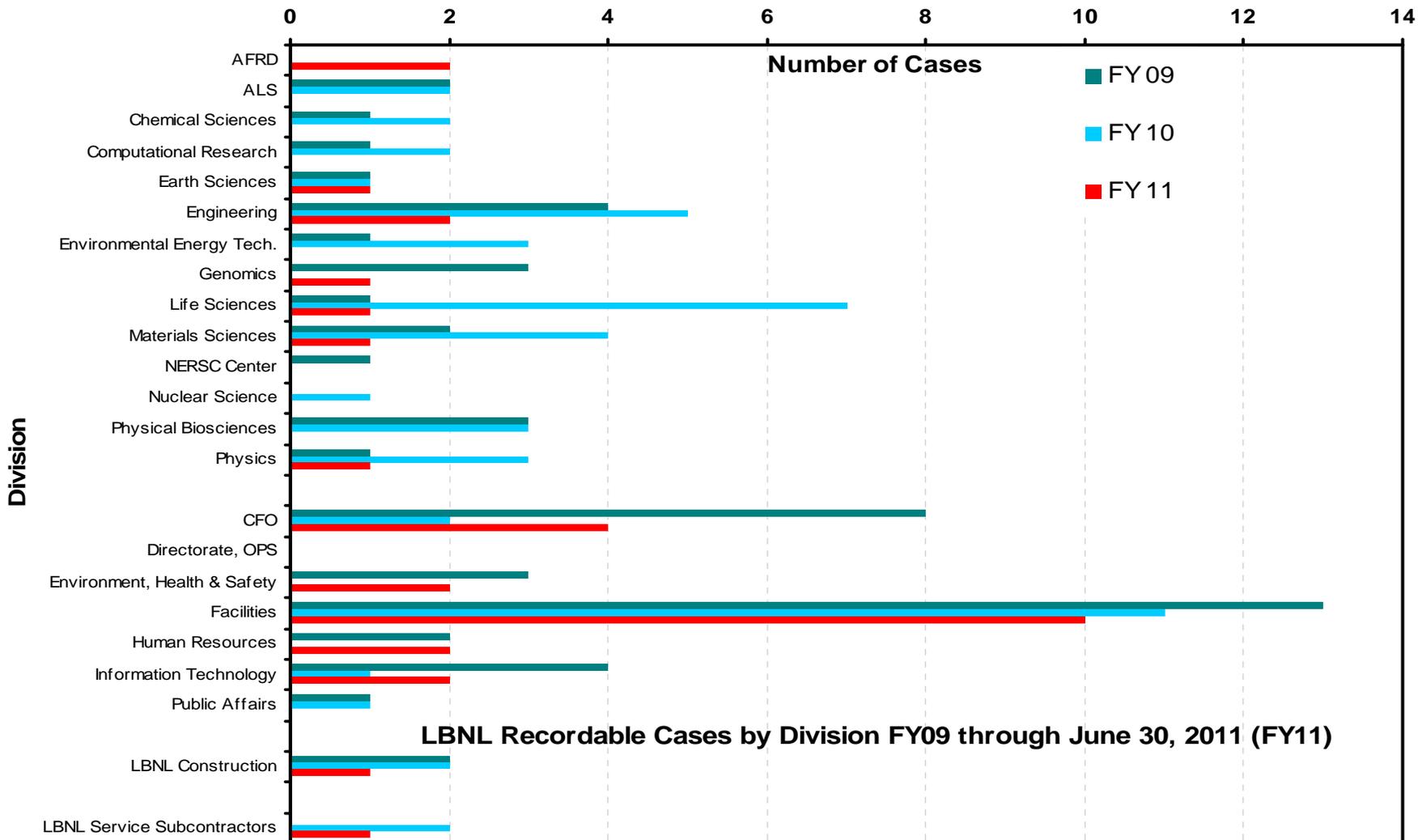
- Material Handler – Foreign object puncture of thumb followed by infection
 - The employee removed a ~1 cm plastic splinter from thumb while dismantling equipment. First aid follow up was not obtained to prevent infection.
- Carpenter – Discomfort at toe
 - The employee has experienced discomfort where the toe contacts the steel protective toe cap in the work boot.

LBLN Recordable Cases FY09 through June 30, 2011 (FY11)

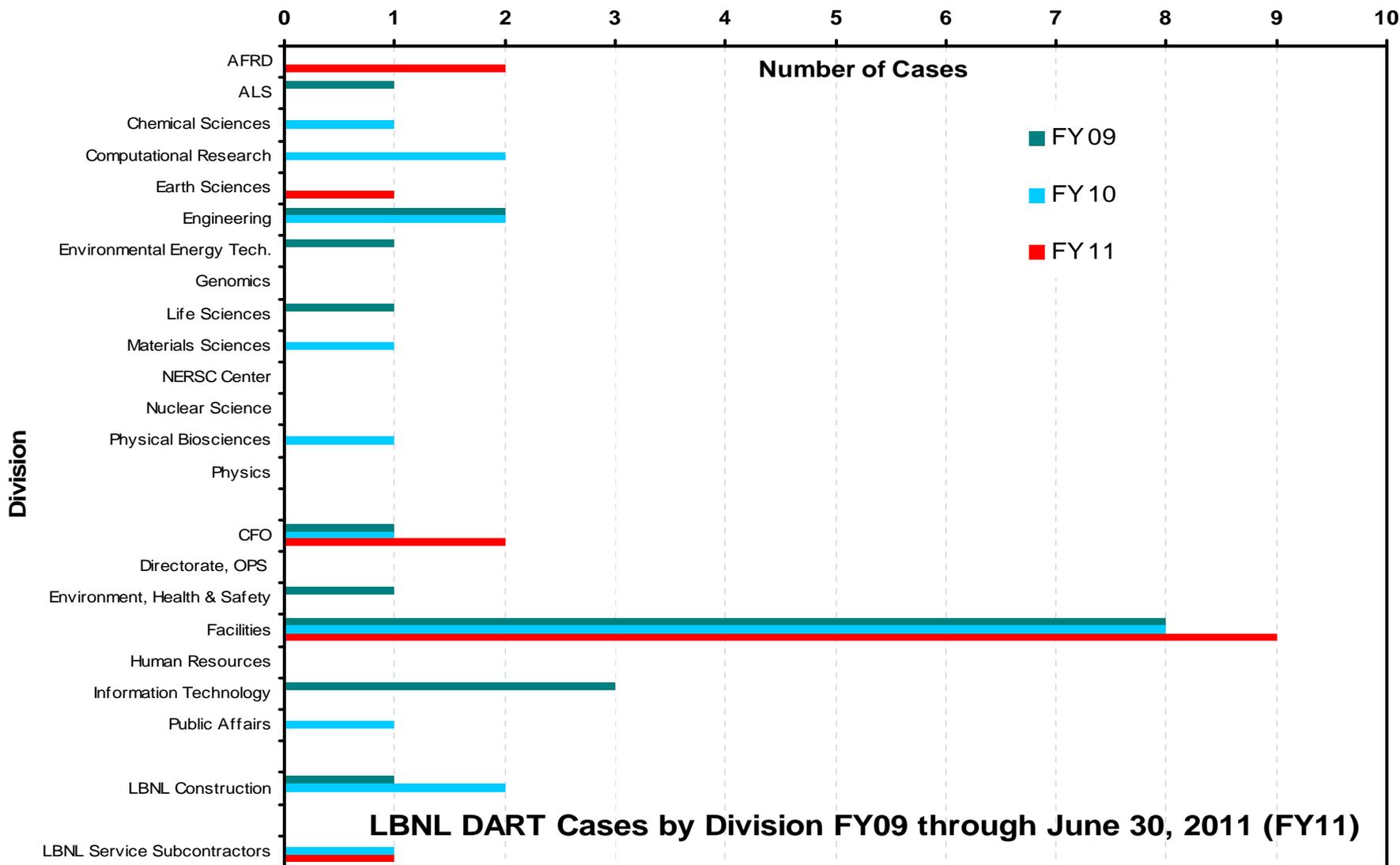


LBNL DART Cases FY09 through June 30, 2011 (FY11)

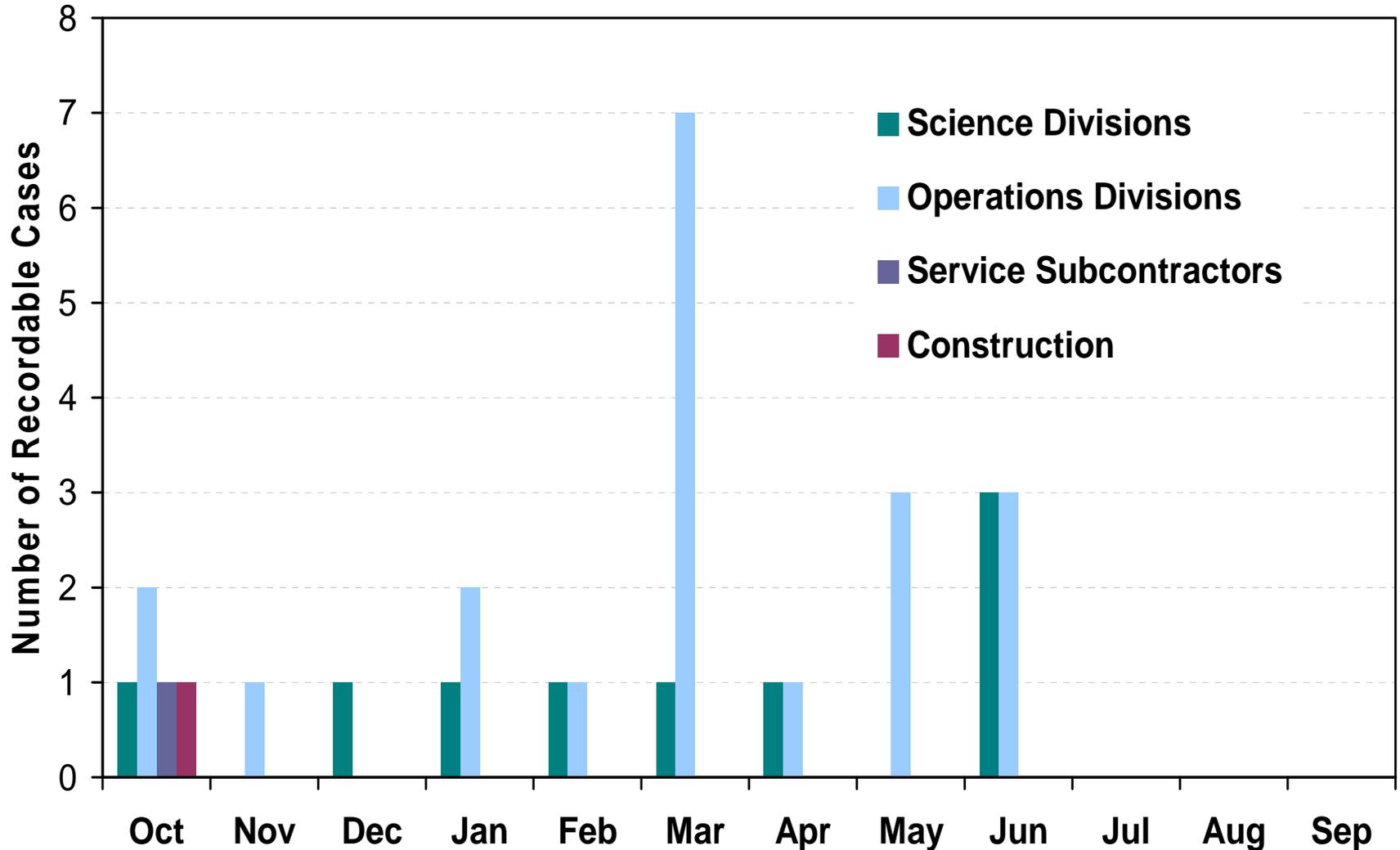




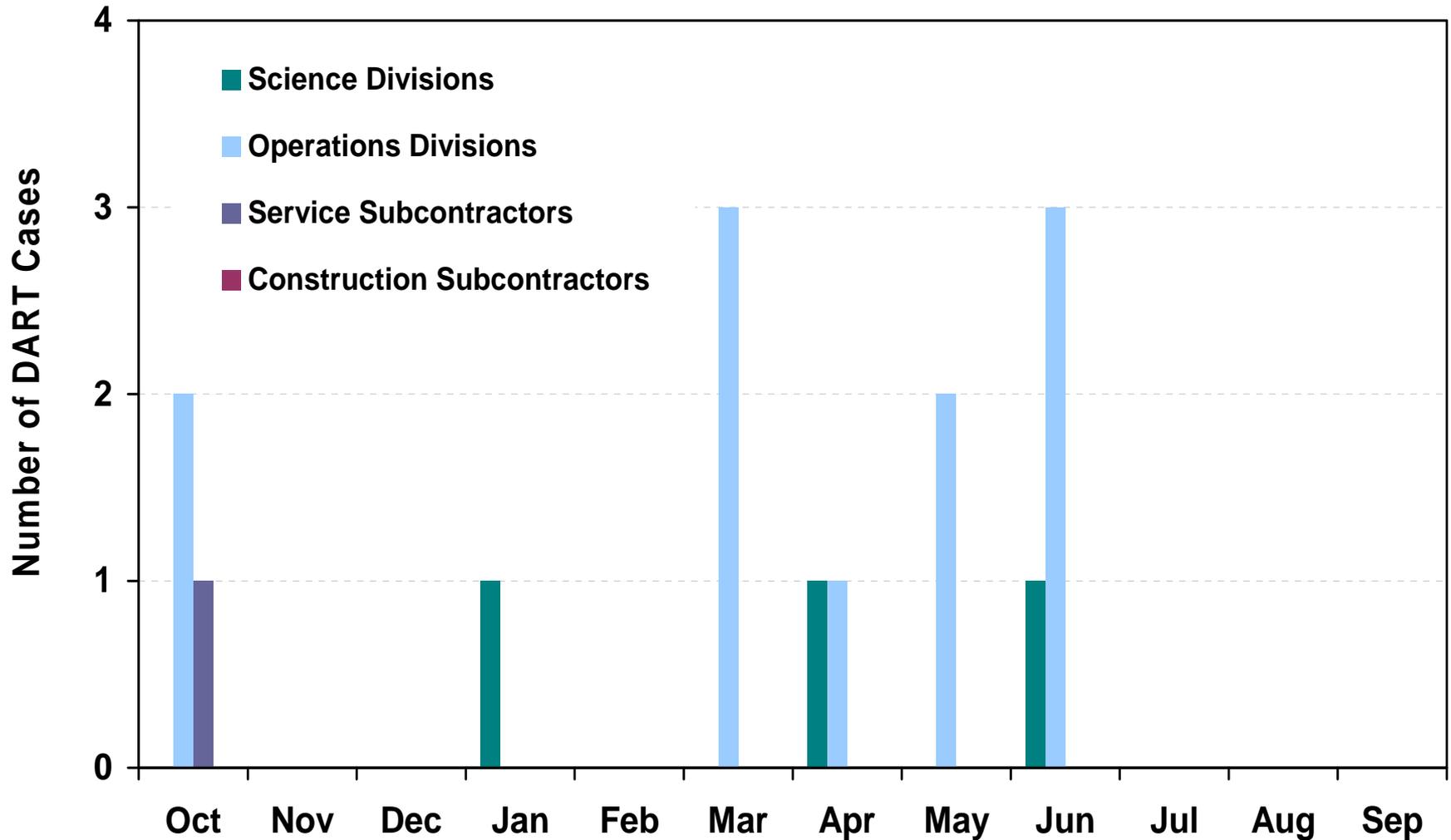
LBNL Recordable Cases by Division FY09 through June 30, 2011 (FY11)



Recordable Cases by LBNL Major Organization FY 2011 To Date June 30, 2011



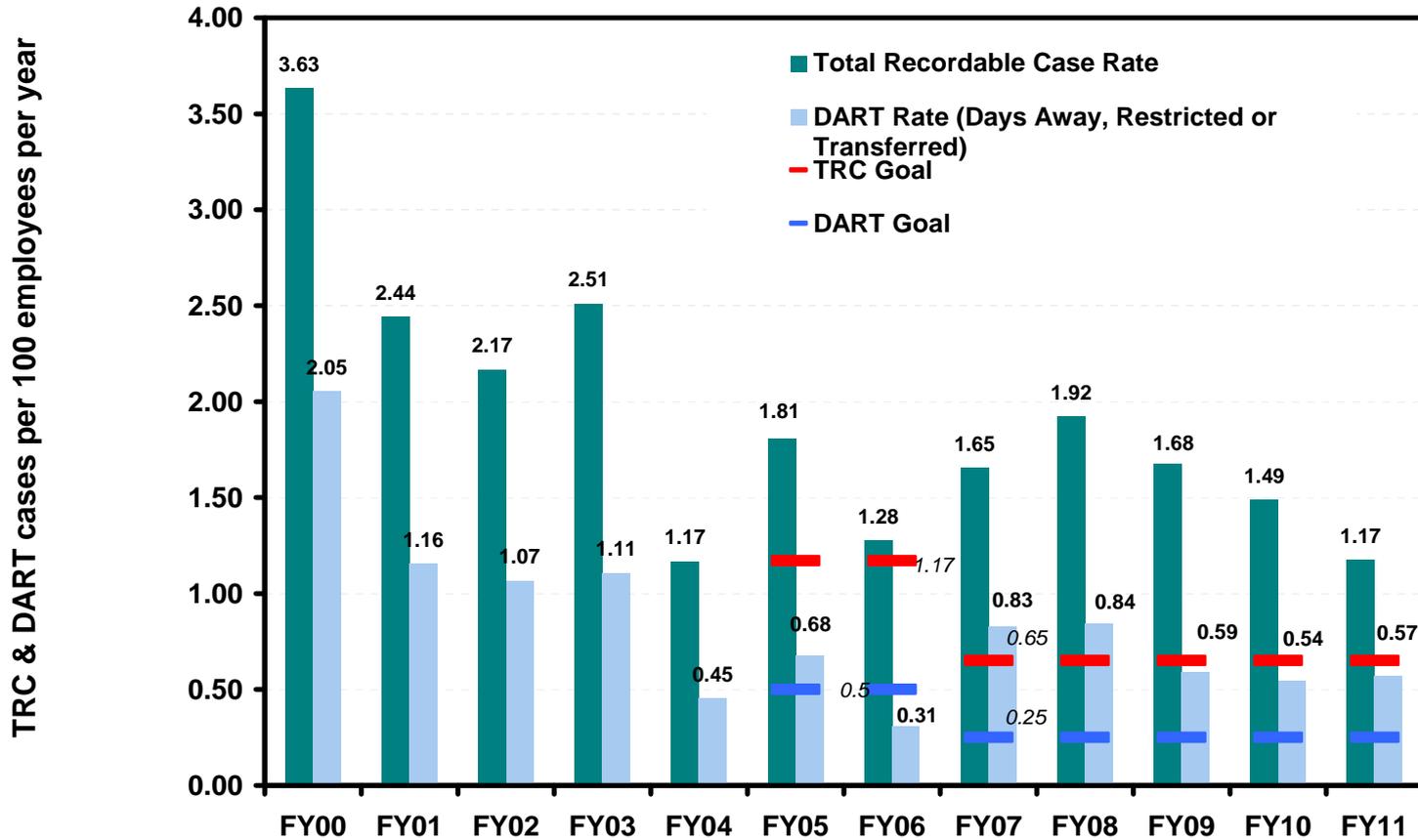
DART Cases by LBNL Major Organization FY 2011 To Date June 30, 2011



Berkeley Lab Site-Wide TRC & DART Rates

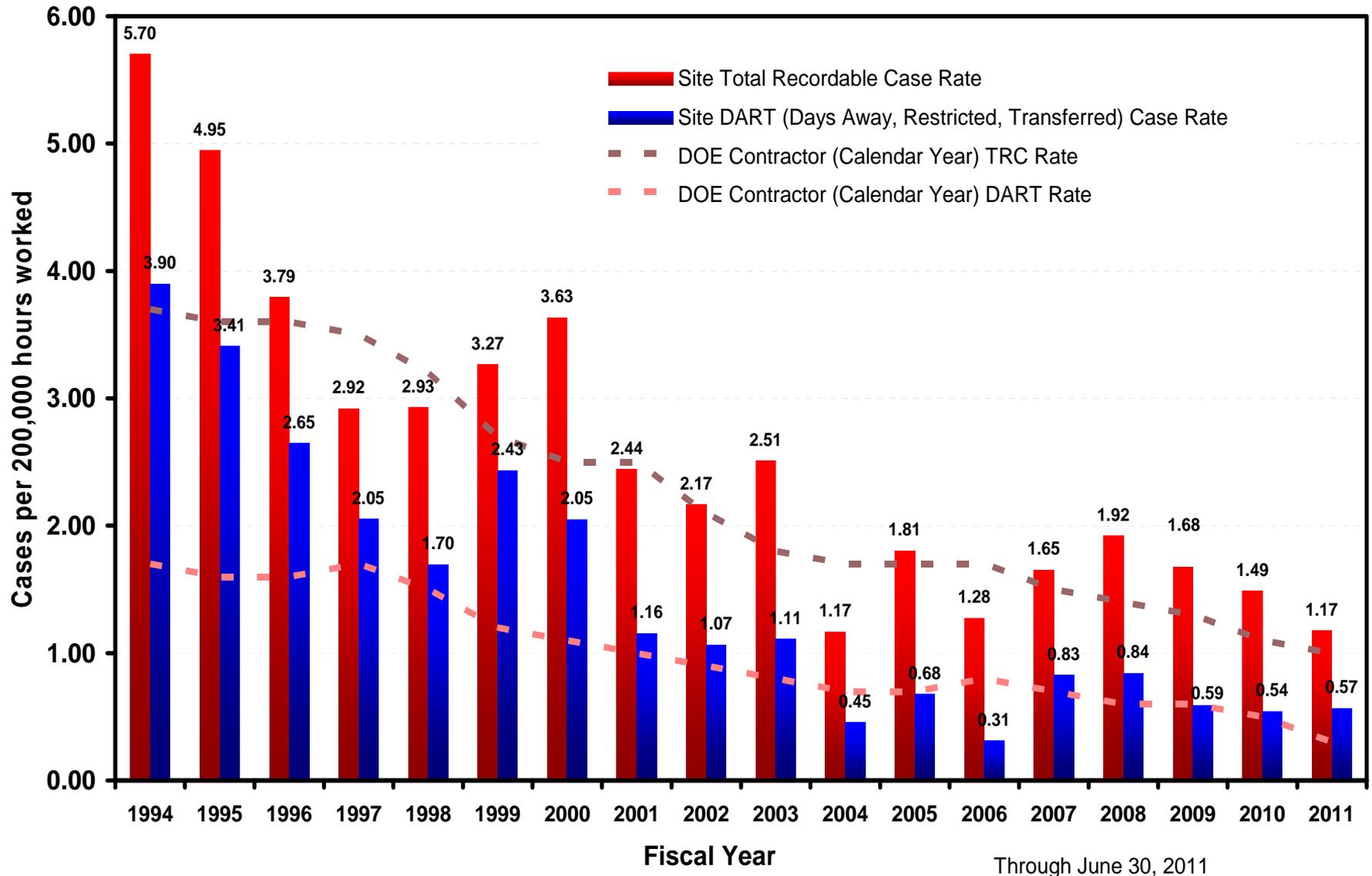
(Includes all Construction and Service Contractors)

Through June 30, 2011



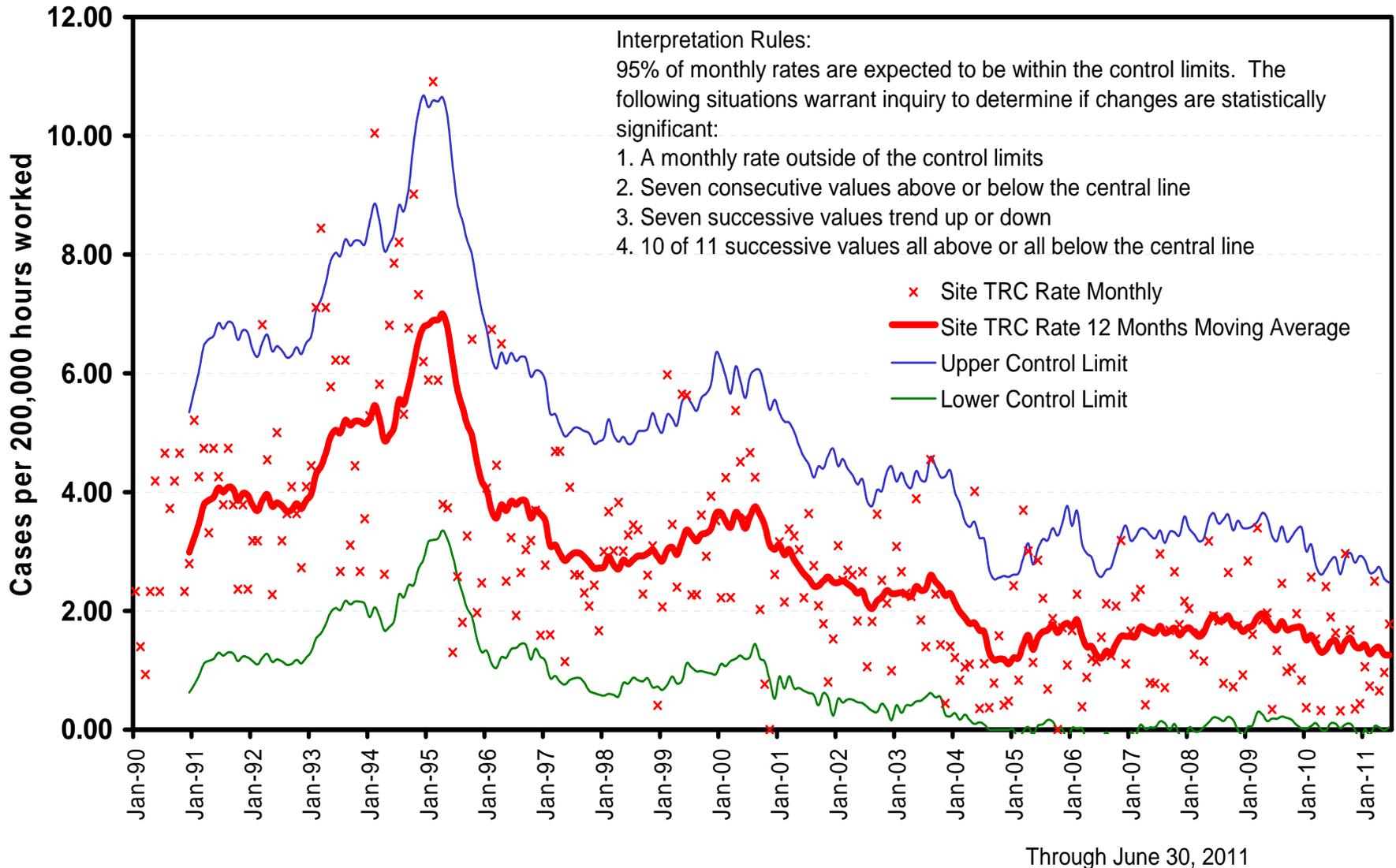
Long Term Injury Rates - TRC

Berkeley Lab Site Accident Rates



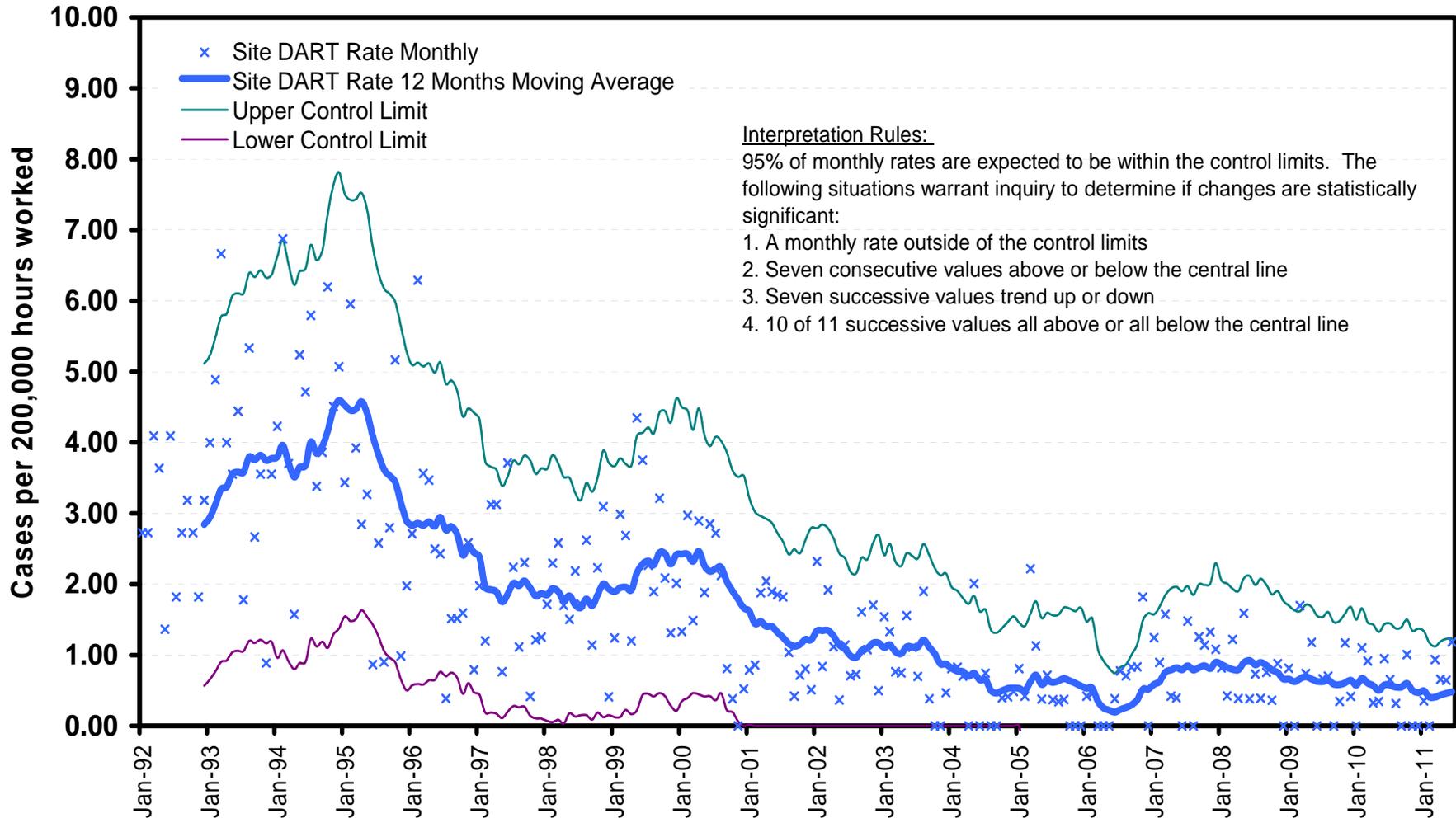
LBNL vs DOE Contractor Rates

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



Long Term Injury Rates - DART

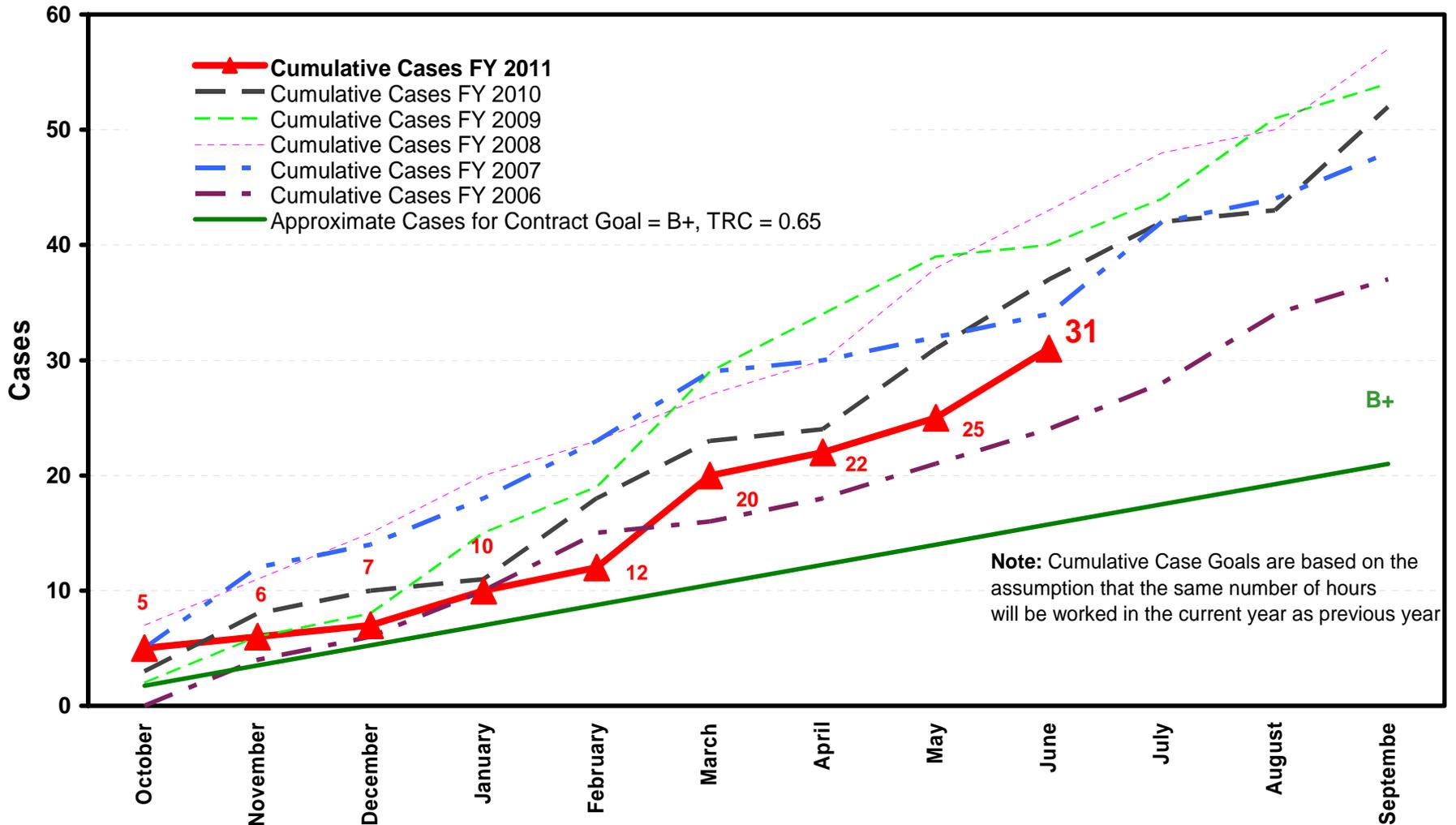
Berkeley Lab DART Rates With Control Limits At 95% Confidence Level
(Cases with Days Away, Restricted or Transferred)



Through June 30, 2011

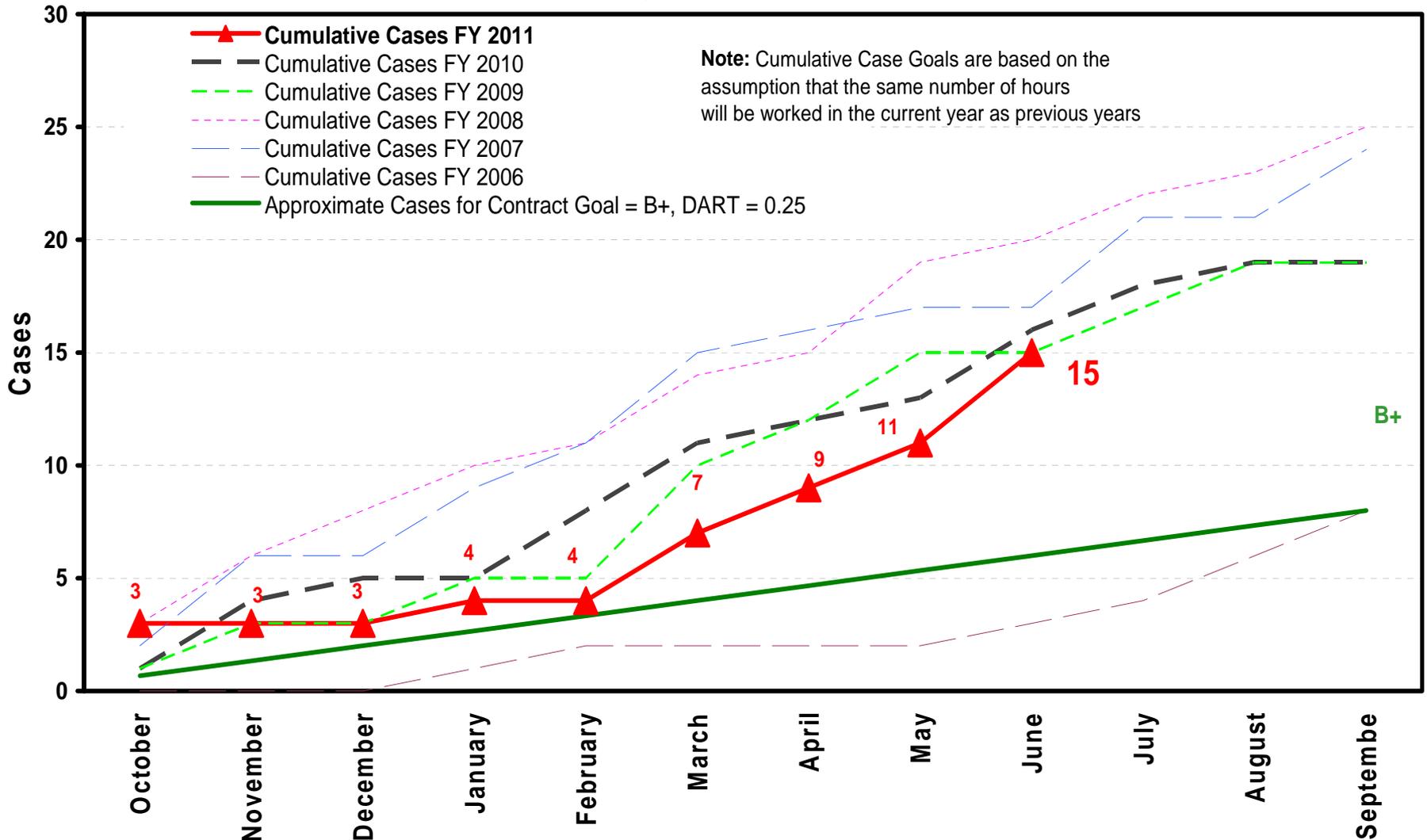
Performance vs Contract Goals - TRC

Berkeley Lab and Contractors
 Cumulative Total Recordable Cases
 By Fiscal Year

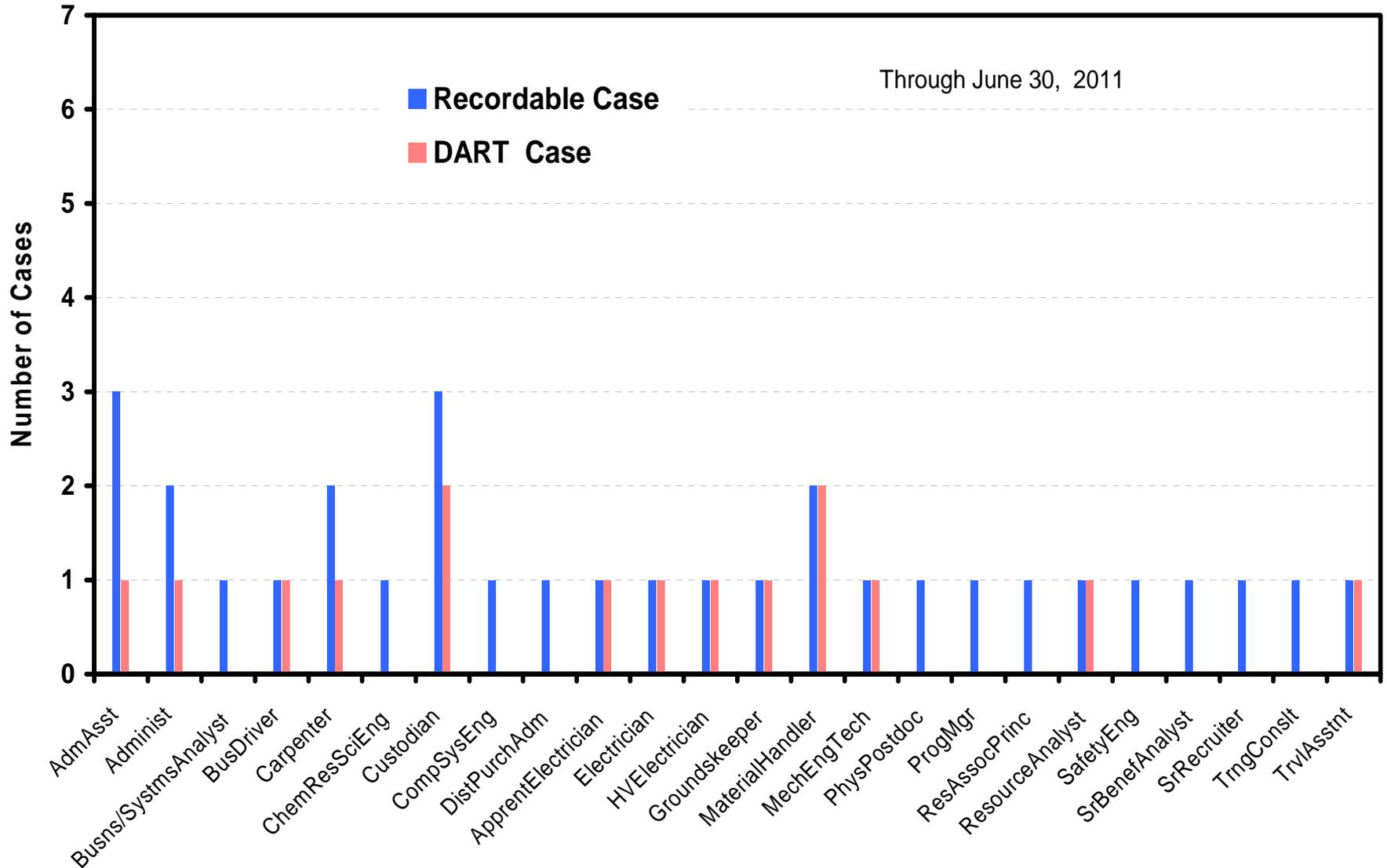


Performance vs Contract Goals - DART

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

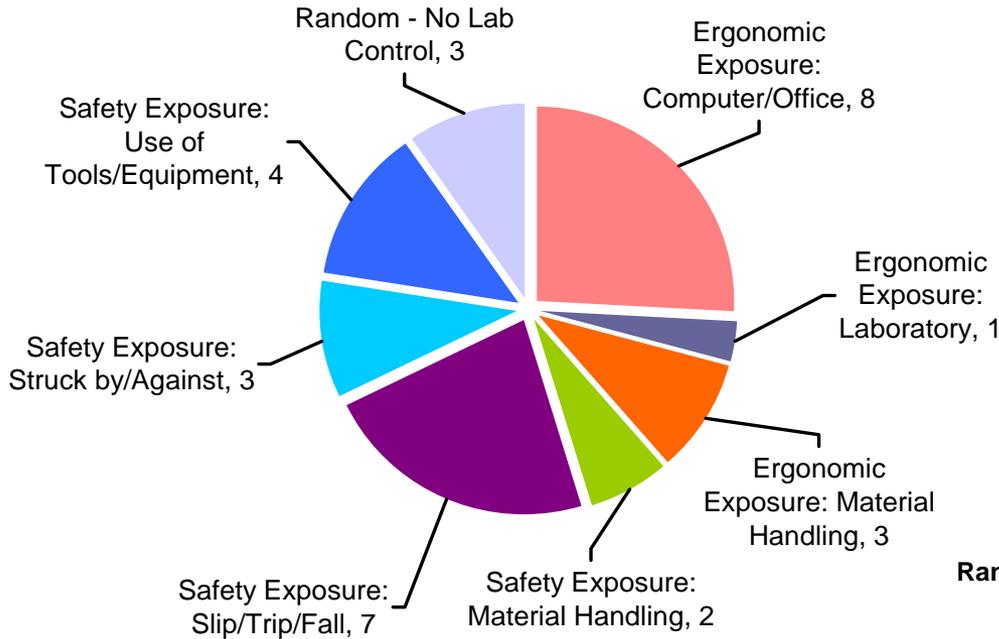


Recordable and DART Cases by Job Classification

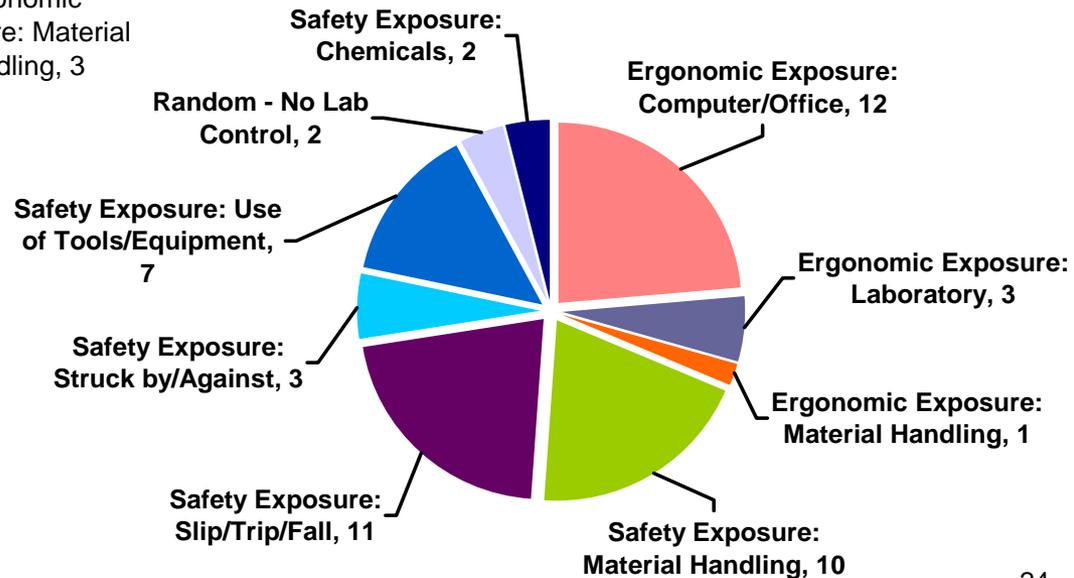


Recordable Injury Categories and Causes

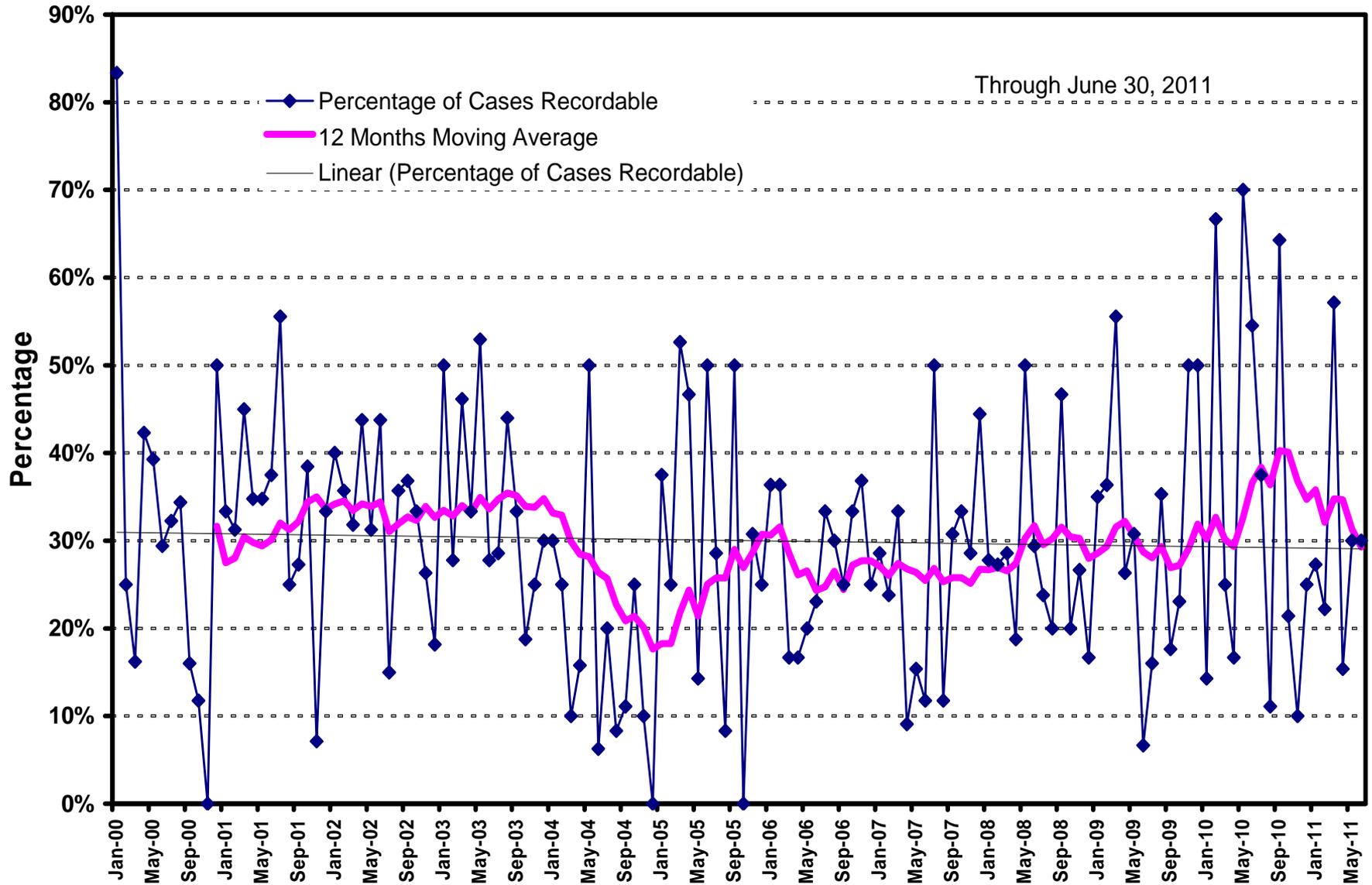
FY 2011 through June 30, 2011



FY 2010

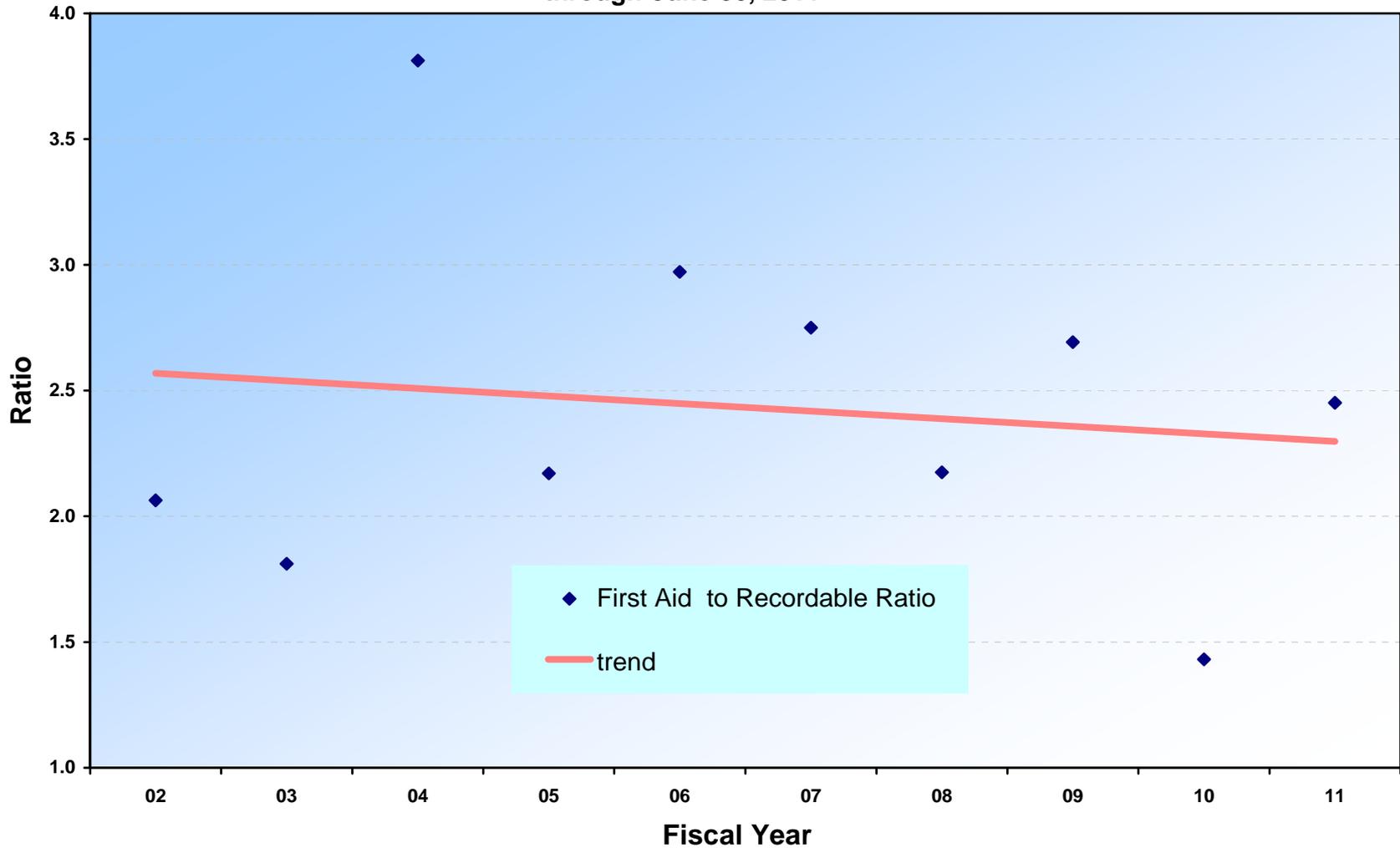


Percentage of All Injuries Reported That Are Recordable Monthly, 12 Month Moving Average, Trend since 1/1/2000

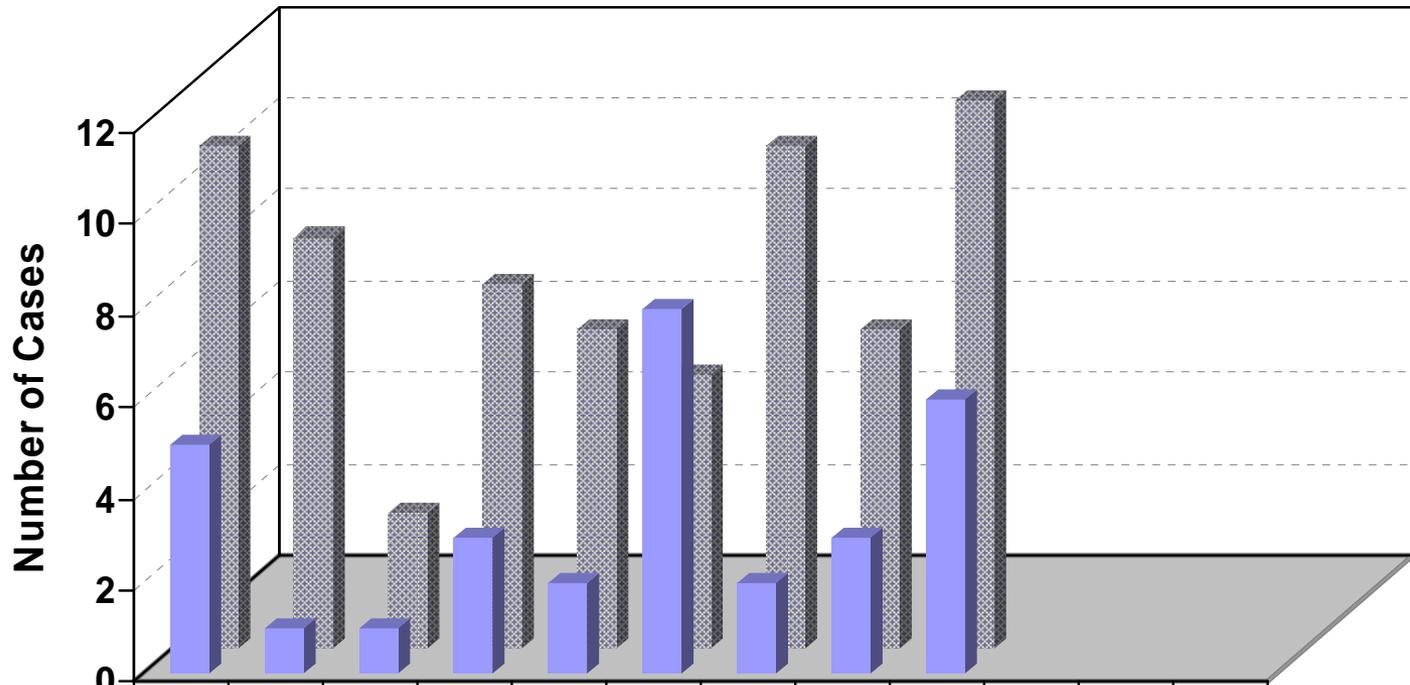


First Aid to Recordable Case Ratio

through June 30, 2011



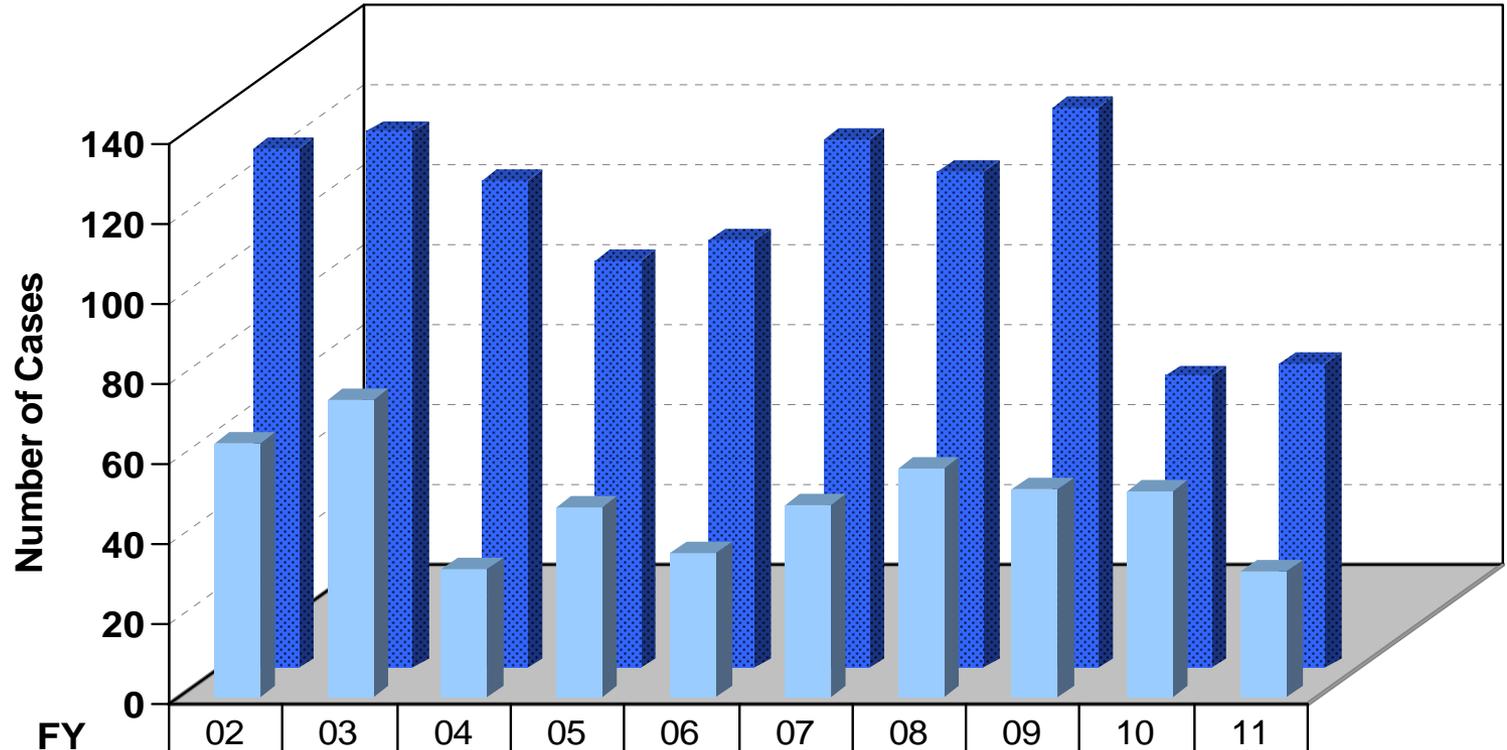
FY2011 First Aid to Recordable Comparison through June 30, 2011



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

FY02 to FY2011 First Aid to Recordable Comparison

through June 30, 2011



FY	02	03	04	05	06	07	08	09	10	11
REC	63	74	32	47	36	48	57	52	51	31
FA	130	134	122	102	107	132	124	140	73	76
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.5
% of Total as FA	67	64	79	68	75	73	69	73	59	71
% of Total as REC	33	36	21	32	25	27	31	27	41	29

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	0	0	0	10
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	0	0	0	20
LBNL Total	3	1	1	3	2	8	2	3	6	0	0	0	29
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	2	8	2	3	6	0	0	0	31
<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 6/30/11

Notes: Projections assume that hours worked will remain constant

LBNL DART (Days Away, Restricted, Delayed) 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	0	0	0	9
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	0	0	0	11
LBNL Total	2	0	0	1	0	3	2	2	4	0	0	0	14
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	2	4	0	0	0	15
<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 6/30/11

Notes: Projections assume that hours worked will remain constant