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

Narrative of April 2010 Recordable Injury Cases

- Computer Systems Engineer – Finger strain
  - Associated with mouse use at computer workstation. (A case from 2009 that became recordable in April of 2010)

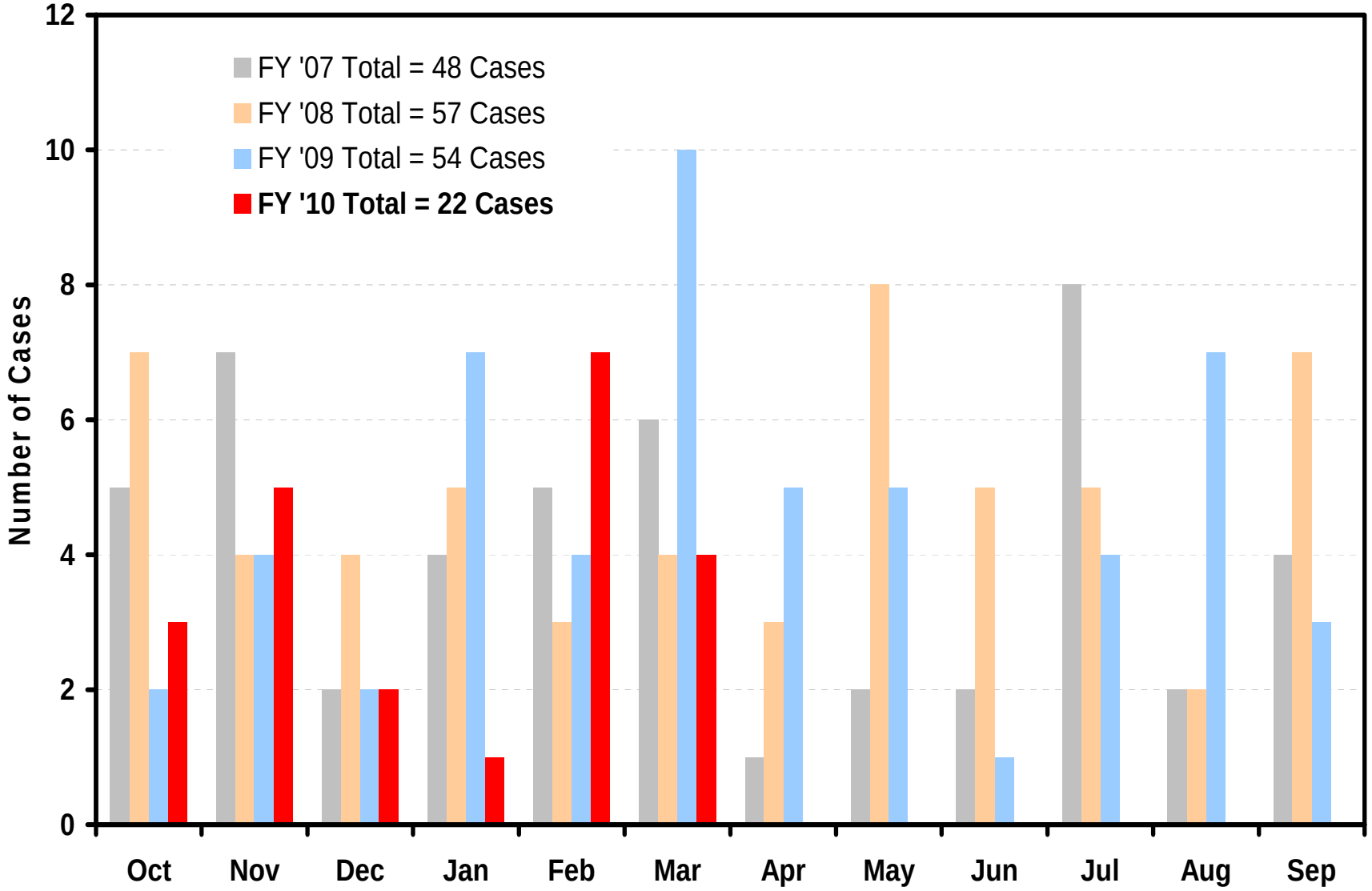
Narrative of April 2010 First Aid Cases

- Administrative Assistant – Wrist strain
  - Loading and unloading boxes of conference materials and using a micro computer.
- Electronics Engineer – Neck strain
  - Employee and co-worker were lifting a 50 lb oscilloscope. A hand cart was used where possible, but the box was lifted three separate times.
- Groundskeeper – Hand and wrist strain
  - While using a weed eater on sloped terrain the employee developed aching and tingling of the hand and wrist due to the combination of static force grip on accelerator trigger and vibration of the gas powered motor.

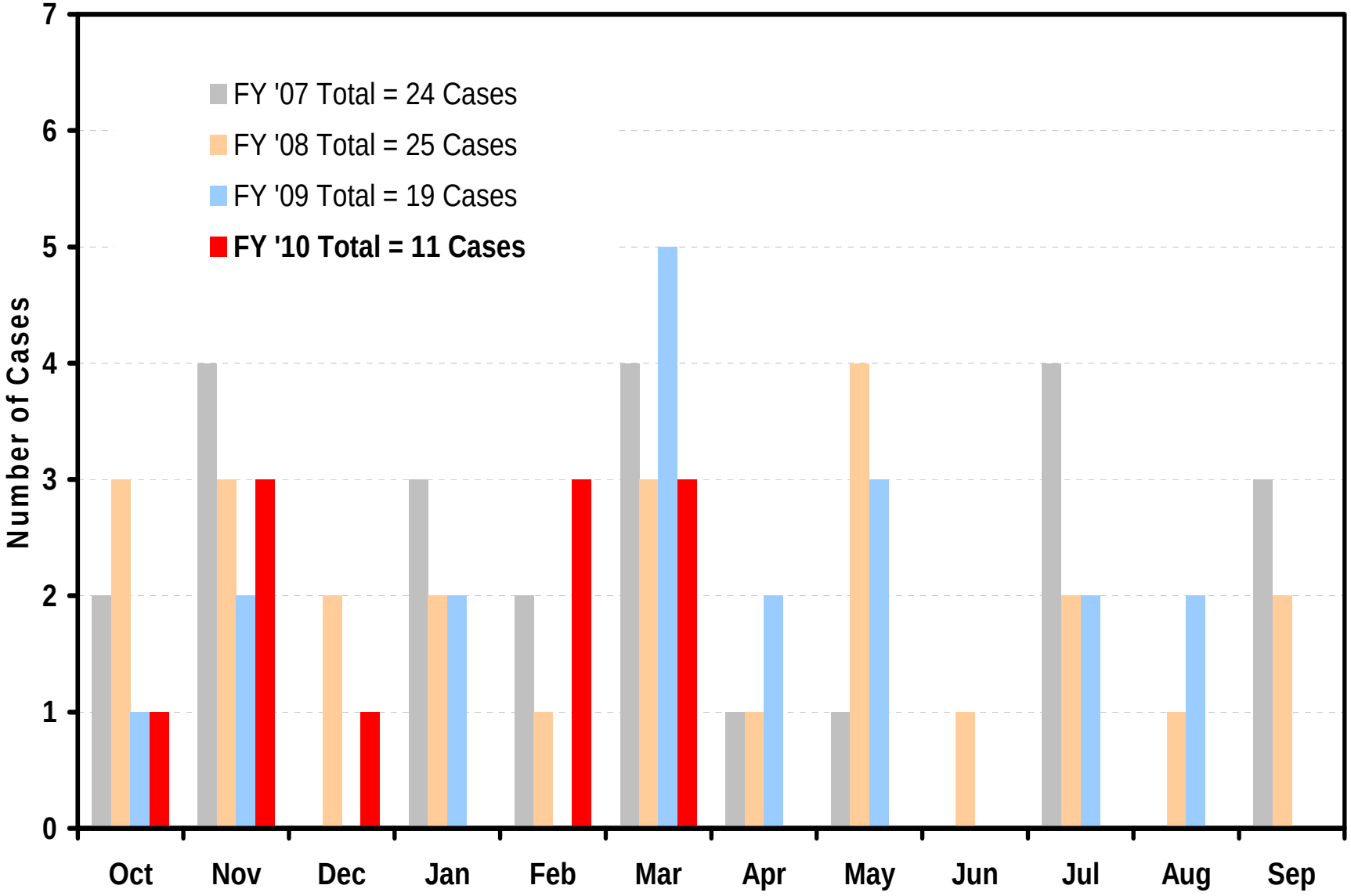
Narrative of April 2010 First Aid Cases

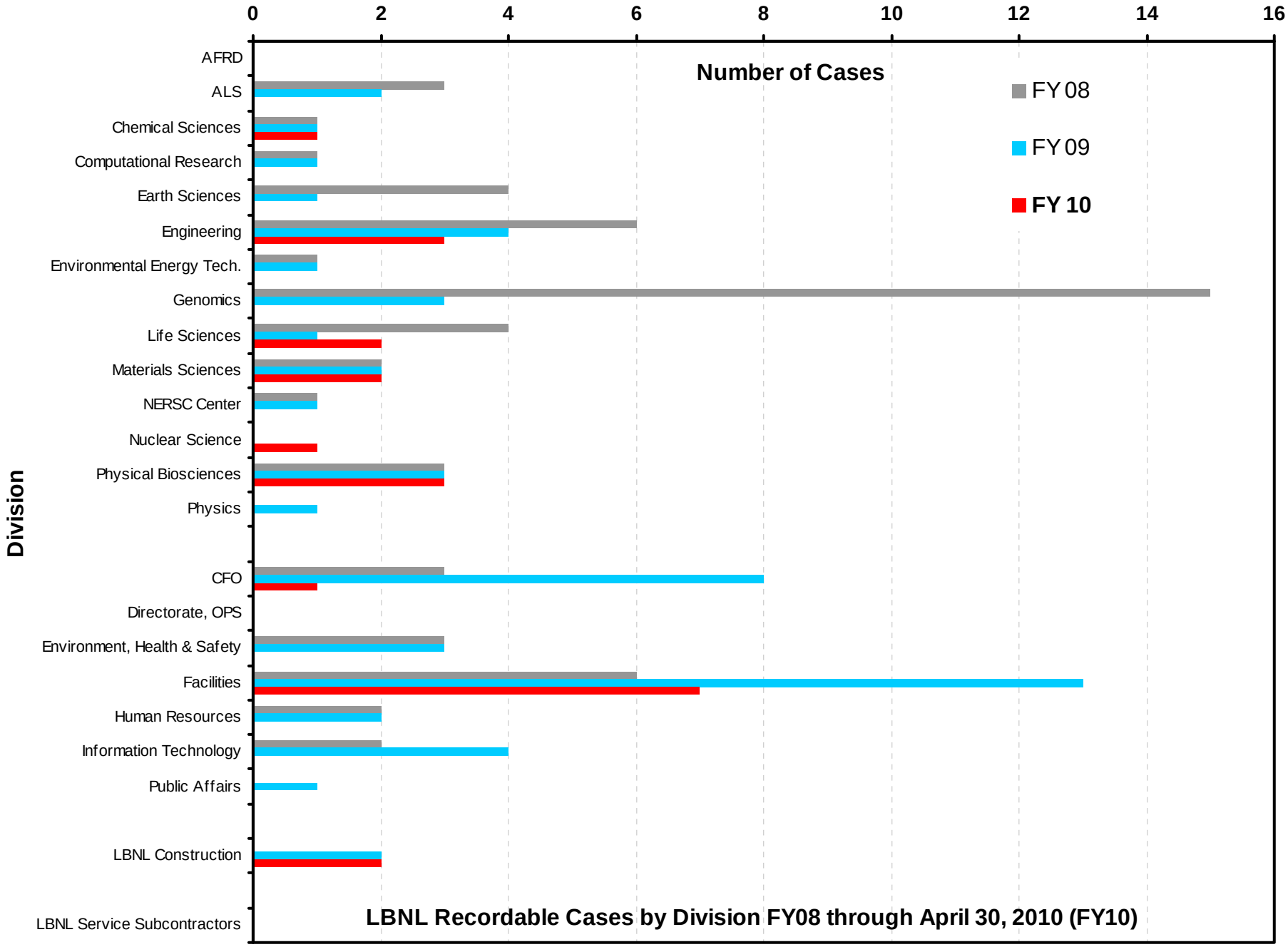
- Sr. Research Associate – Chemical irritation of eyes
  - Applying accelerated gel staining process heating polyacrylamide gels in a microwave oven while immersed in the GelCode Blue stain. Although safety glasses were worn, eye irritation was experienced when the materials were removed from the oven. The stain contains citric acid, a potential irritant. The employee wore soft contact lenses which may have prolonged the contact with the suspected irritant.

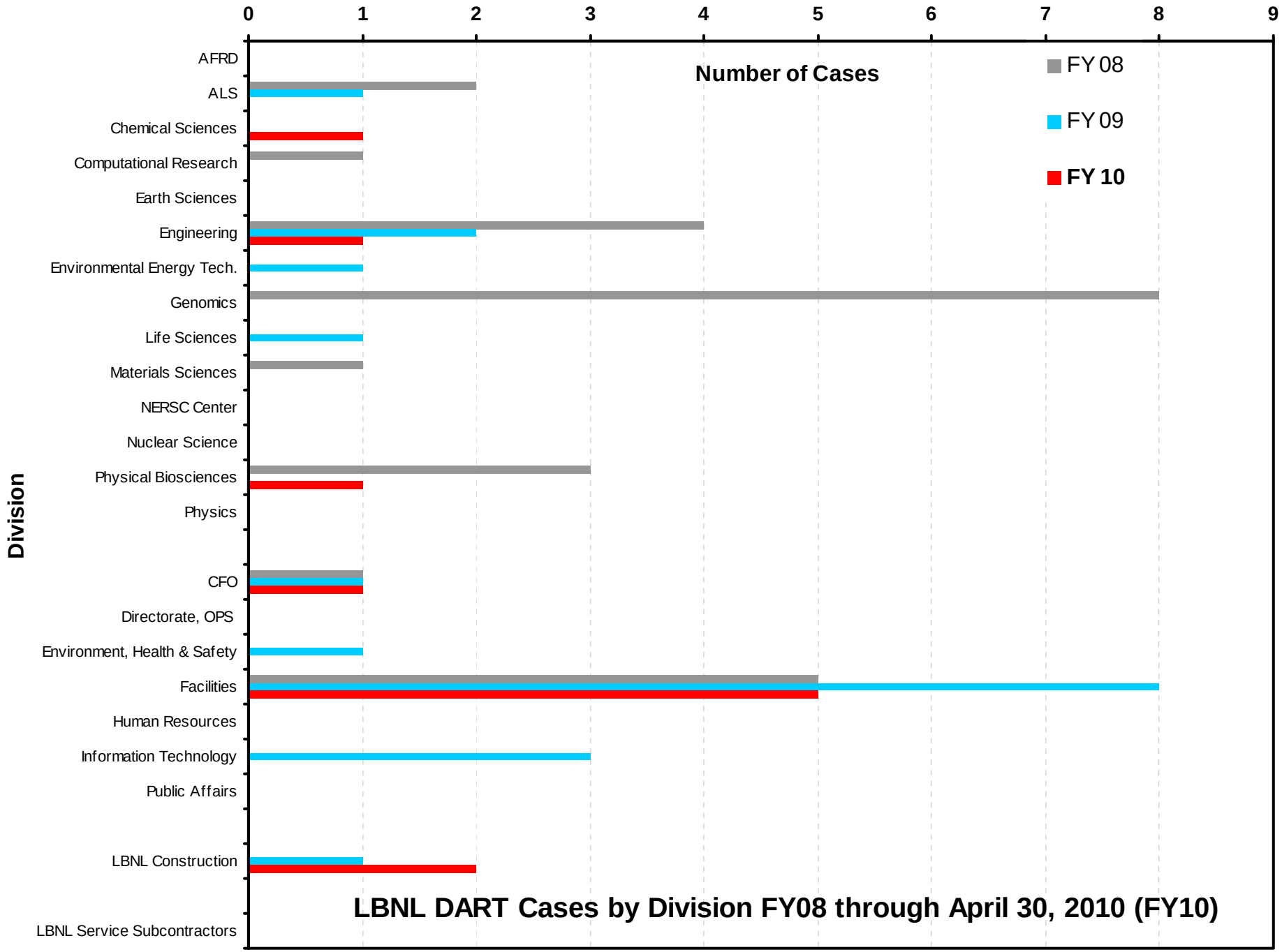
LBNL Recordable Cases FY07 through April 30, 2010 (FY10)



LBNL DART Cases FY07 through April 30, 2010 (FY10)



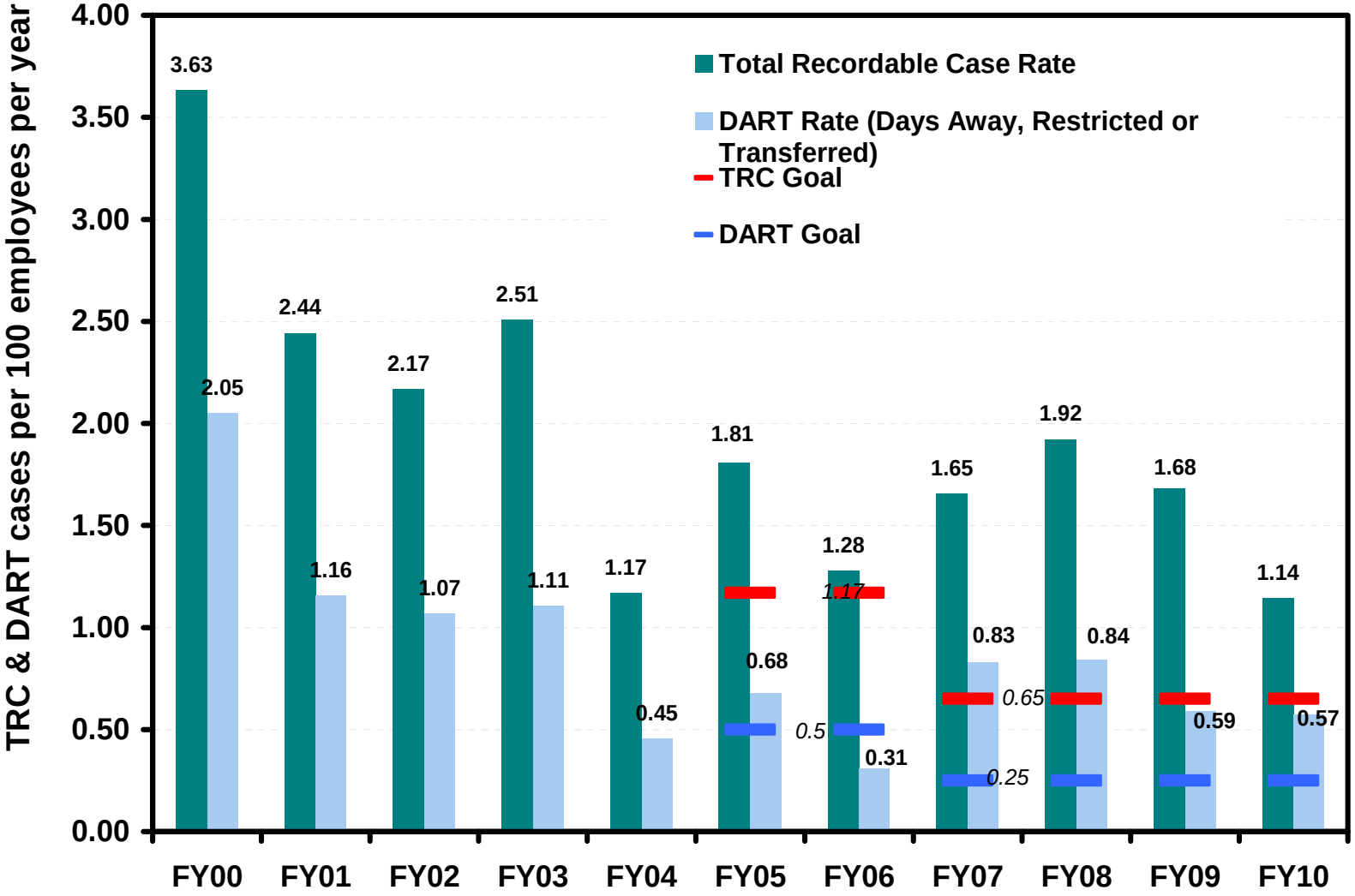

0
2
4
6
8
10
12
14
16
Number of Cases
FY 08
FY 09
FY 10
Division
AFRD
ALS
Chemical Sciences
Computational Research
Earth Sciences
Engineering
Environmental Energy Tech.
Genomics
Life Sciences
Materials Sciences
NERSC Center
Nuclear Science
Physical Biosciences
Physics
CFO
Directorate, OPS
Environment, Health & Safety
Facilities
Human Resources
Information Technology
Public Affairs
LBNL Construction
LBNL Service Subcontractors
LBNL Recordable Cases by Division FY08 through April 30, 2010 (FY10)


0
1
2
3
4
5
6
7
8
9
Number of Cases
FY 08
FY 09
FY 10
Division
AFRD
ALS
Chemical Sciences
Computational Research
Earth Sciences
Engineering
Environmental Energy Tech.
Genomics
Life Sciences
Materials Sciences
NERSC Center
Nuclear Science
Physical Biosciences
Physics
CFO
Directorate, OPS
Environment, Health & Safety
Facilities
Human Resources
Information Technology
Public Affairs
LBNL Construction
LBNL Service Subcontractors
LBNL DART Cases by Division FY08 through April 30, 2010 (FY10)

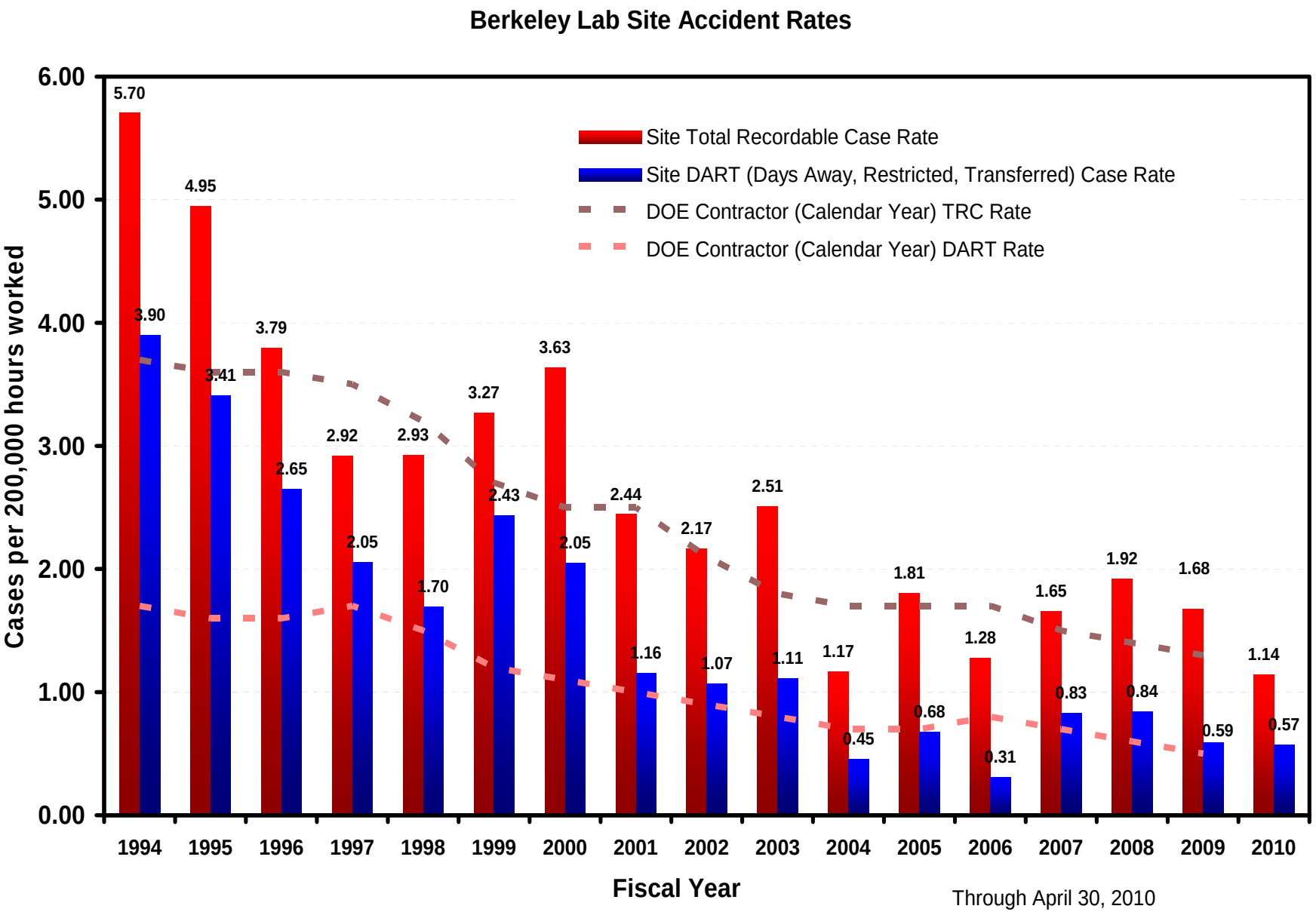
Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)

Through April 30, 2010

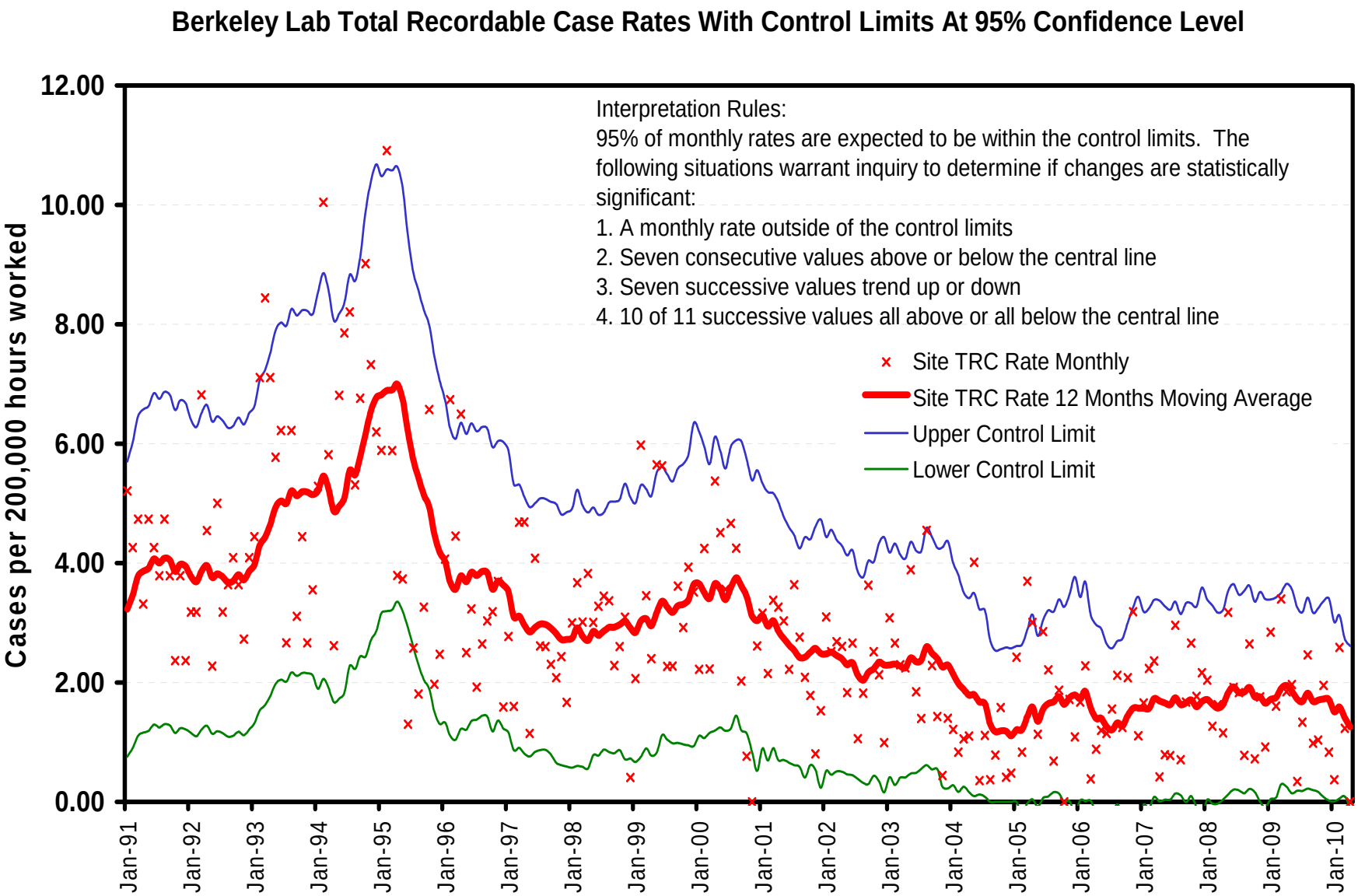


LBNL vs DOE Contractor Rates



Through April 30, 2010

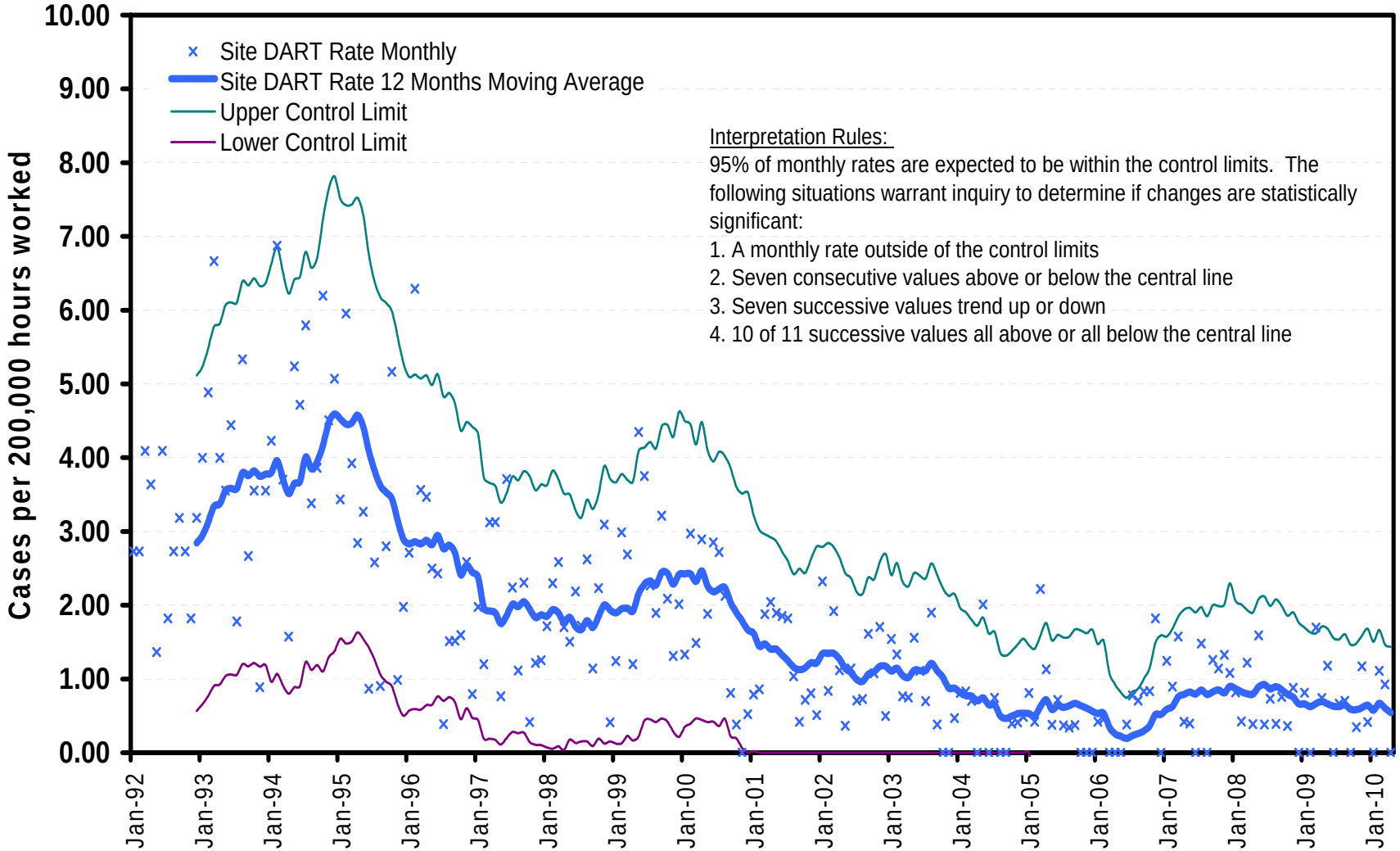
Long Term Injury Rates - TRC



Through April 30, 2010

Long Term Injury Rates - DART

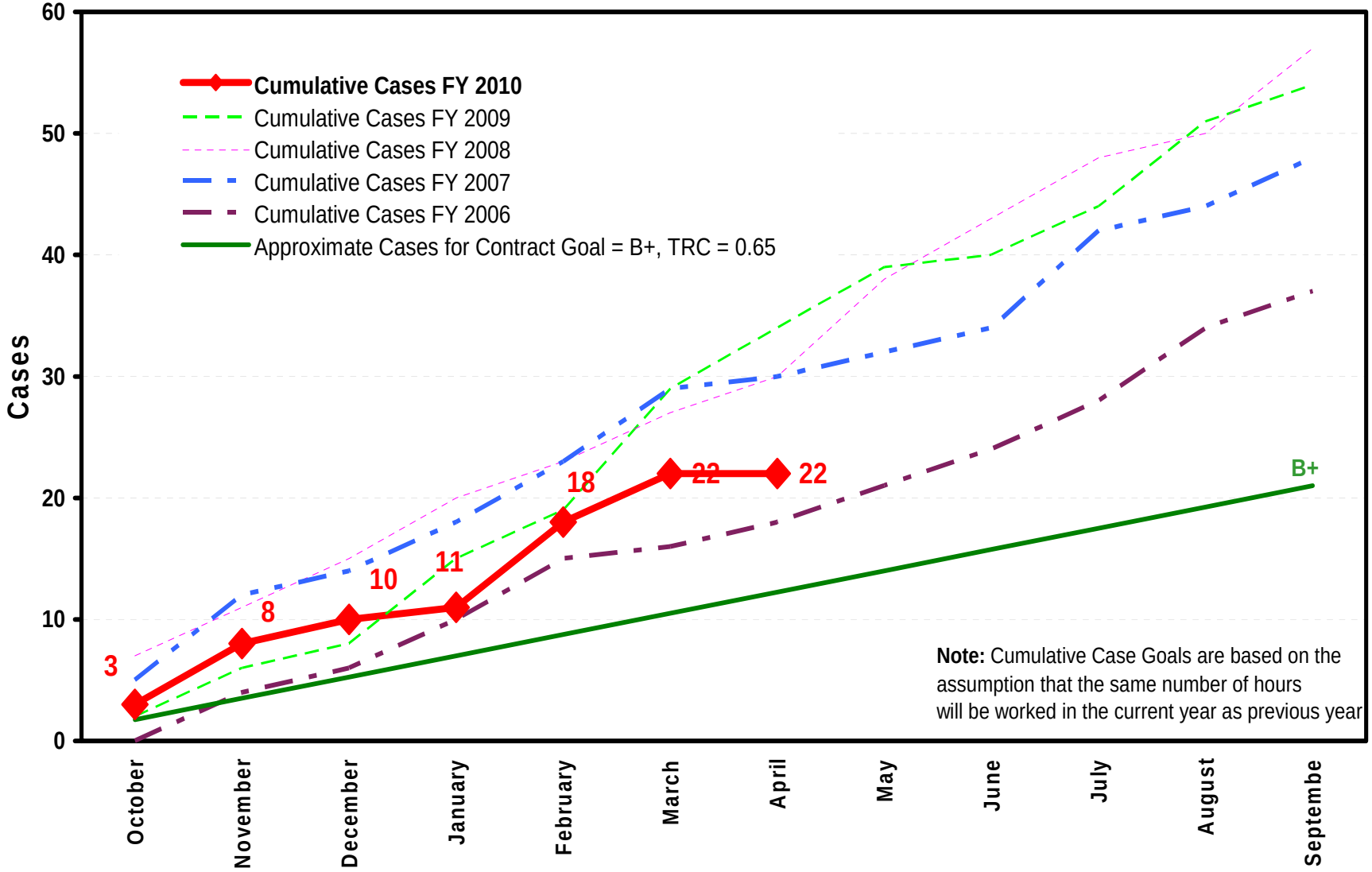
Berkeley Lab DART Rates With Control Limits At 95% Confidence Level
(Cases with Days Away, Restricted or Transferred)



Through April 30, 2010

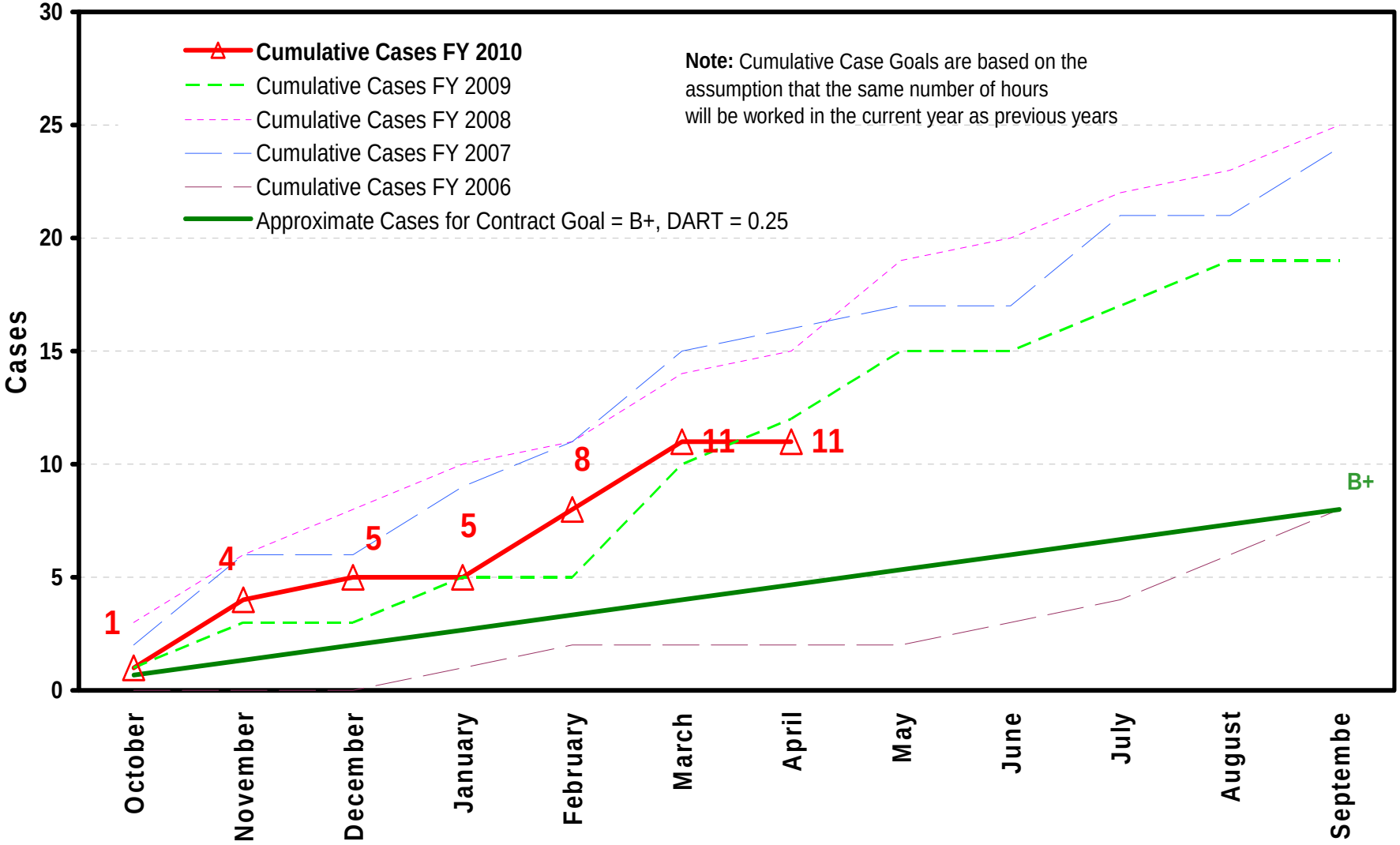
Performance vs Contract Goals - TRC

Berkeley Lab and Contractors
Cumulative Total Recordable Cases
By Fiscal Year

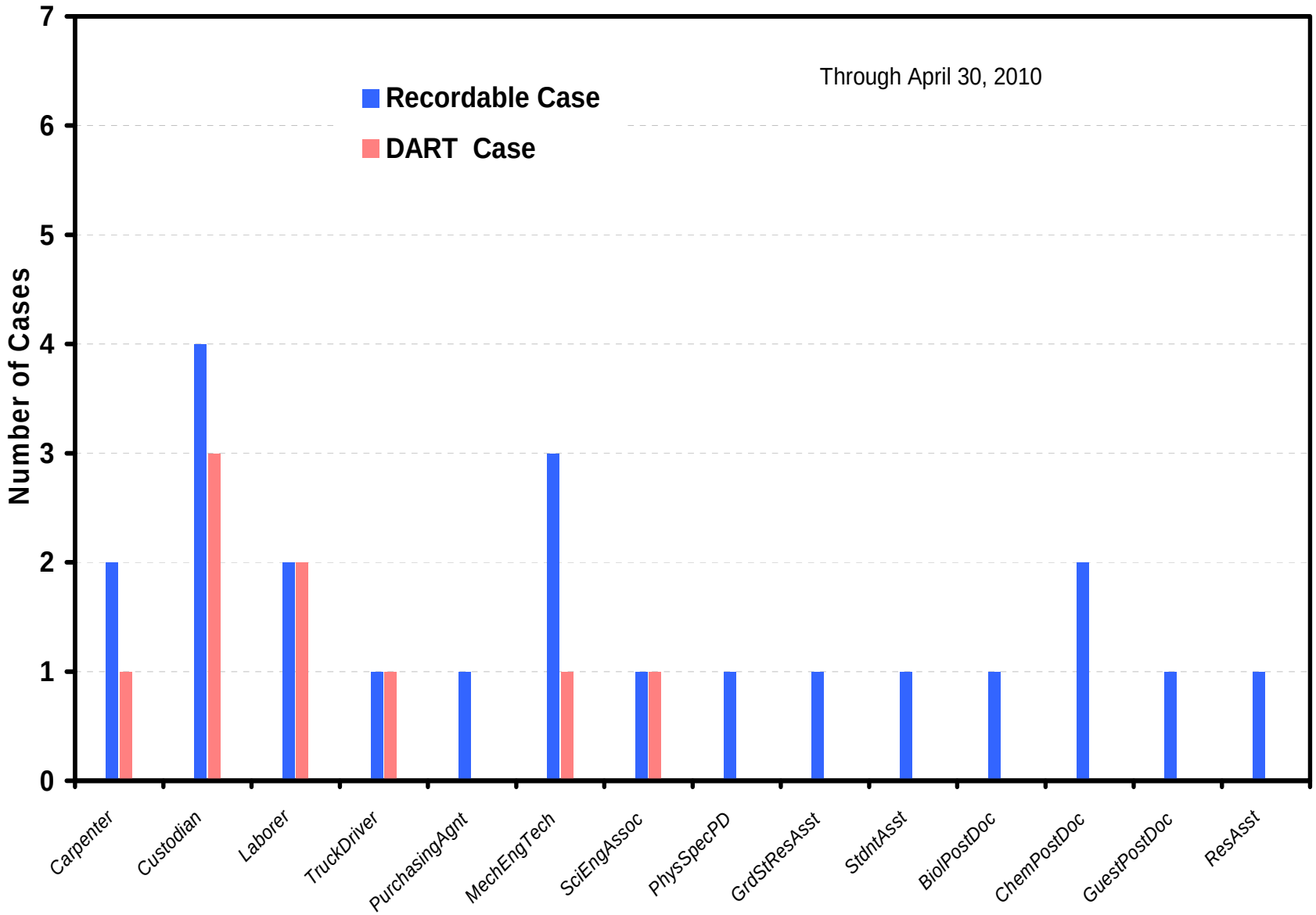


Performance vs Contract Goals - DART

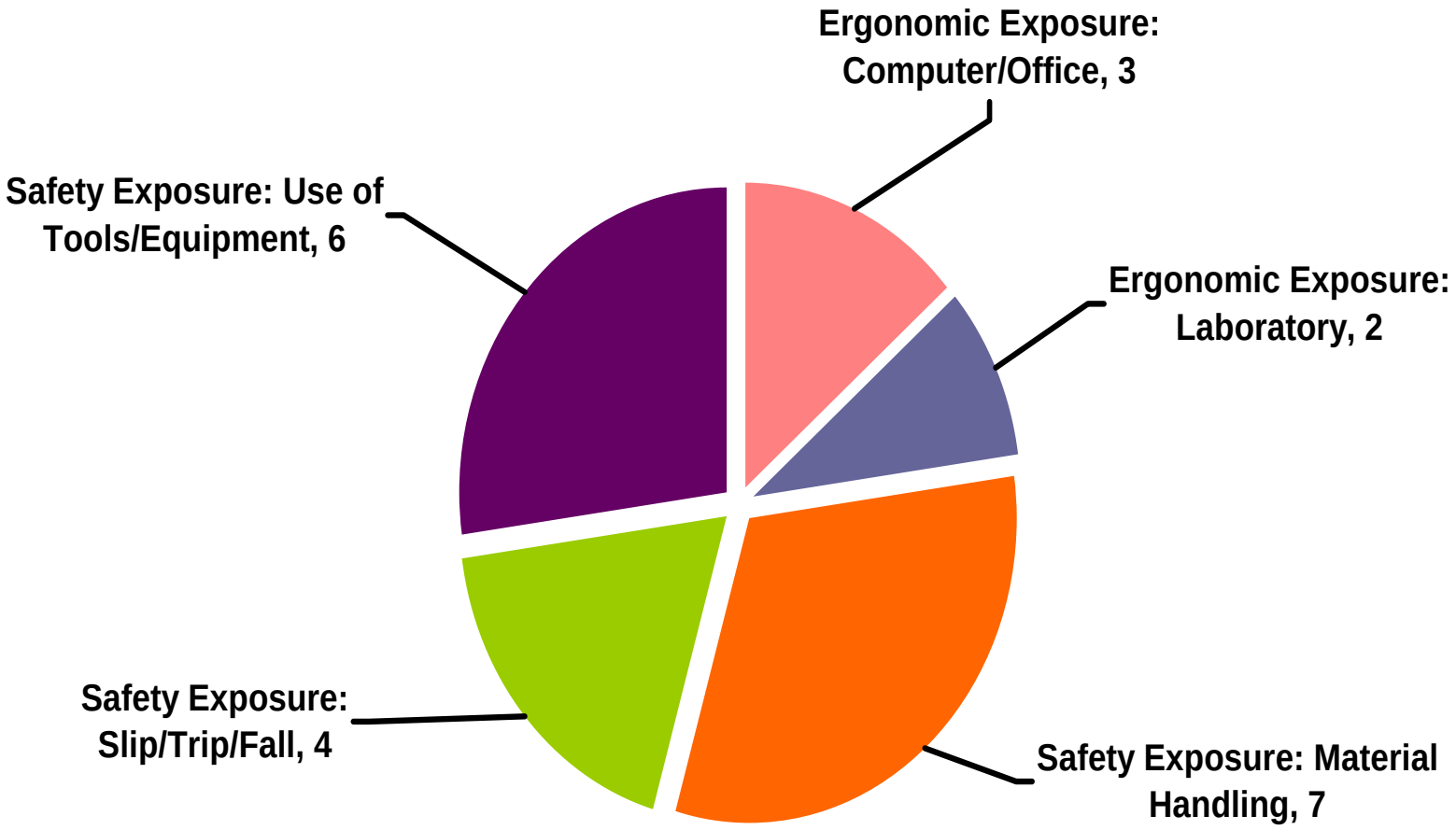
Berkeley Lab and Contractors
Cumulative DART (Days Away, Restricted, Transferred) Cases
By Fiscal Year



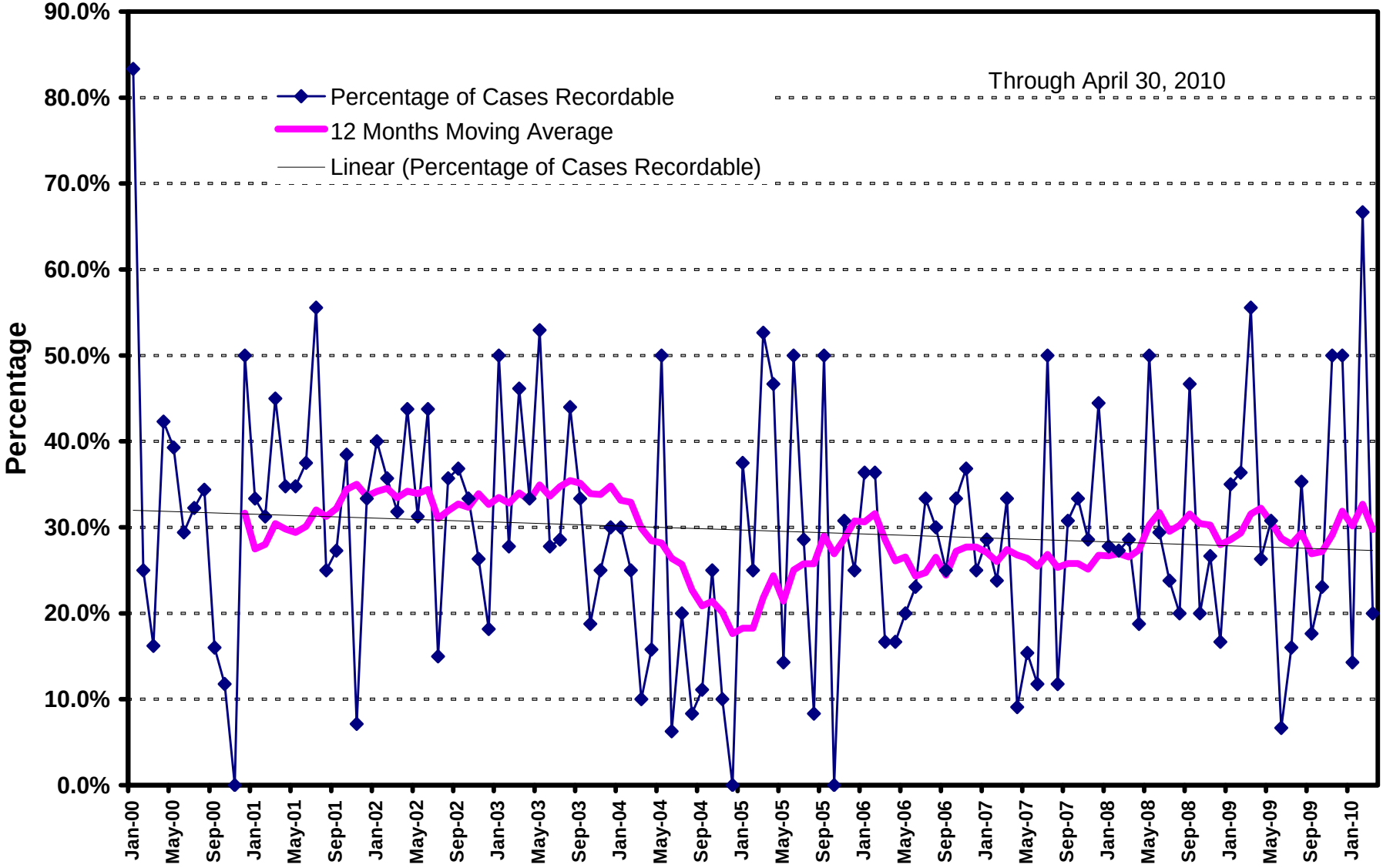
Recordable and DART Cases by Job Classification

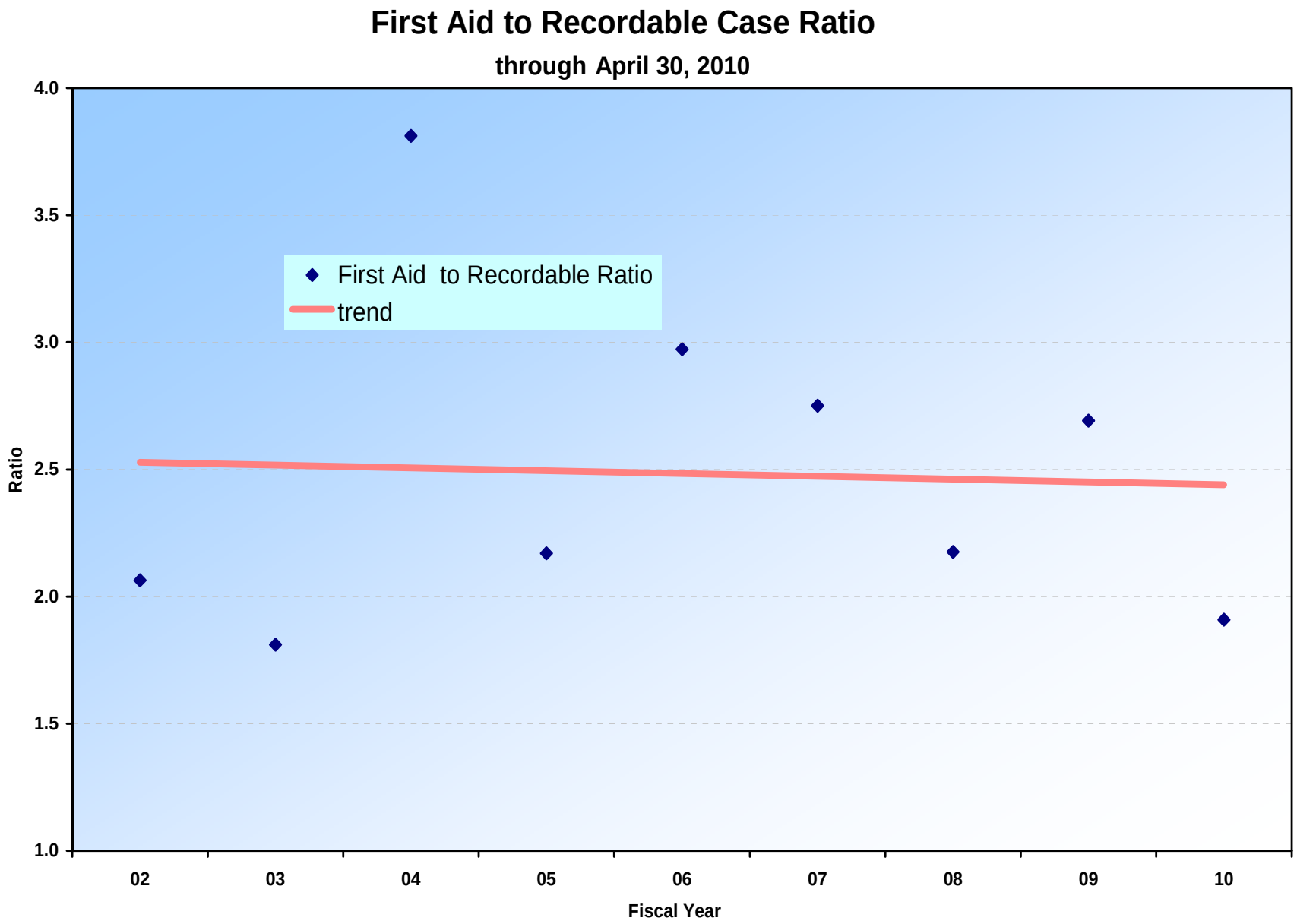


Recordable Injury Categories and Causes FY10 through April 30, 2010



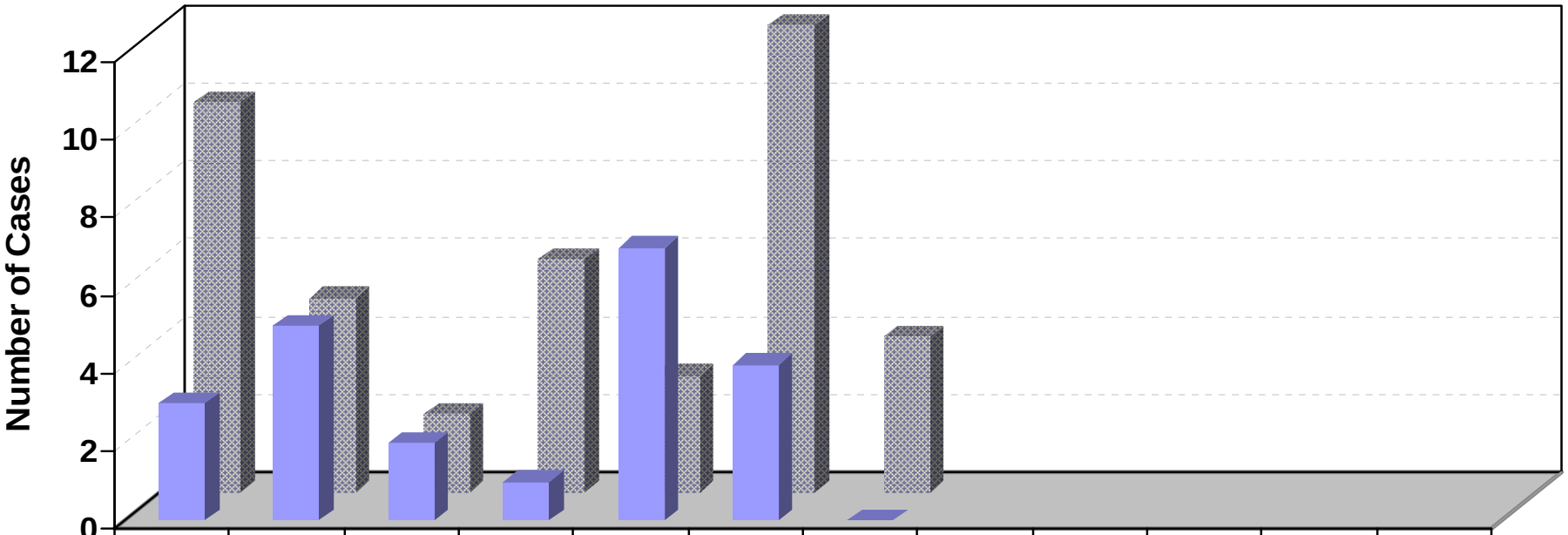
Percentage of All Injuries Reported That Are Recordable
Monthly, 12 Month Moving Average, Trend since 1/1/2000




First Aid to Recordable Case Ratio
through April 30, 2010
4.0
3.5
3.0
2.5
2.0
1.5
1.0
Ratio
First Aid to Recordable Ratio
trend
02
03
04
05
06
07
08
09
10
Fiscal Year

FY2010 First Aid to Recordable Comparison

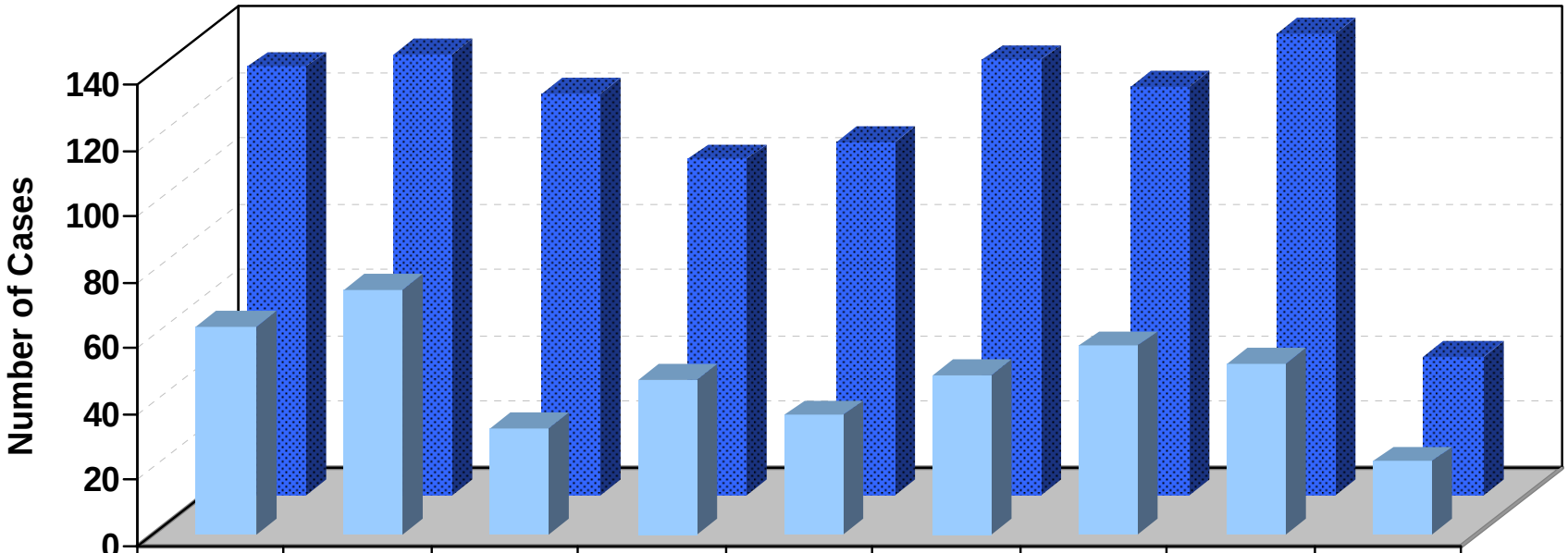
through April 30, 2010



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
REC	3	5	2	1	7	4	0					
FA	10	5	2	6	3	12	4					

FY02 to FY2010 First Aid to Recordable Comparison

through April 30, 2010



FY	02	03	04	05	06	07	08	09	10
REC	63	74	32	47	36	48	57	52	22
FA	130	134	122	102	107	132	124	140	42

LBNL Total Recordable Cases October 1, 2009 - September 30, 2010 (FY10)

	Oct-09	Nov-09	Dec-09	Jan-10	Feb-10	Mar-10	Apr-10	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Contract Goal TRC = 0.65	Total YTD
LBNL Research														
Computing Sciences	0	0	0	0	0	0	0	0	0	0	0	0	1	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	2	0	0	2	0	0	0	0	0	0	0	3	4
AFRD	0	0	0	0	0	0	0	0	0	0	0	0		0
Engineering	0	1	0	0	2	0	0	0	0	0	0	0		3
Nuclear Science	0	1	0	0	0	0	0	0	0	0	0	0		1
Physics	0	0	0	0	0	0	0	0	0	0	0	0		0
Life & Environmental Sciences	0	0	1	0	1	0	0	0	0	0	0	0	4	2
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	1	0	1	0	0	0	0	0	0	0		2
Physical Sciences	1	2	0	1	0	2	0	0	0	0	0	0	5	6
ALS	0	0	0	0	0	0	0	0	0	0	0	0		0
Chemical Sciences	0	0	0	0	0	1	0	0	0	0	0	0		1
Environmental Energy Tech.	0	0	0	0	0	0	0	0	0	0	0	0		0
Materials Sciences	1	1	0	0	0	0	0	0	0	0	0	0		2
Physical Biosciences	0	1	0	1	0	1	0	0	0	0	0	0		3
LBNL Research Sub-Total	1	4	1	1	3	2	0	0	0	0	0	0	13	12
LBNL Support														
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0		0
Facilities	2	1	1	0	2	1	0	0	0	0	0	0		7
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	0	0	0	0	1	0	0	0	0	0	0	0		1
Directorate	0	0	0	0	0	0	0	0	0	0	0	0		0
LBNL Support Sub-Total	2	1	1	0	3	1	0	0	0	0	0	0	4	8
LBNL Total	3	5	2	1	6	3	0	0	0	0	0	0	17	20
LBNL Construction	0	0	0	0	1	1	0	0	0	0	0		0	2
LBNL Service Subcontractors	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Site Grand Total	3	5	2	1	7	4	0	0	0	0	0	0	18	22
Prior Year (FY09) Site Grand Total	*2*	*4*	*2*	*7*	*4*	*10*	*5*	*5*	*1*	*4*	*7*	*3*		*54*
Prior Year (FY08) Site Grand Total	*7*	*4*	*4*	*5*	*3*	*4*	*3*	*8*	*5*	*5*	*2*	*7*		*57*
Prior Year (FY07) Site Grand Total	*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 4/30/10

Notes: Projections assume that hours worked will remain constant

LBNL DART (Days Away, Restricted, Transferred) Cases October 1, 2009 - September 30, 2010 (FY10)

	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09	Contract Goal DART = 0.25	Total YTD
LBNL Research														
Computing Sciences	0	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	1	0	0	0	0	0	0	0	0	0	0	1	1
AFRD	0	0	0	0	0	0	0	0	0	0	0	0		0
Engineering	0	1	0	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	2	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	1	0	0	0	1	0	0	0	0	0	0	2	2
ALS	0	0	0	0	0	0	0	0	0	0	0	0		0
Chemical Sciences	0	0	0	0	0	1	0	0	0	0	0	0		1
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	1	0	0	0	0	0	0	0	0	0	0		1
LBNL Research Sub-Total	0	2	0	0	0	1	0	0	0	0	0	0	5	3
LBNL Support														
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0		0
Facilities	1	1	1	0	1	1	0	0	0	0	0	0		5
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	0	0	0	0	1	0	0	0	0	0	0	0		1
Directorate	0	0	0	0	0	0	0	0	0	0	0	0		0
LBNL Support Sub-Total	1	1	1	0	2	1	0	0	0	0	0	0	2	6
LBNL Total	1	3	1	0	2	2	0	0	0	0	0	0	7	9
LBNL Construction	0	0	0	0	1	1	0	0	0	0	0	0	0	2
LBNL Service Subcontractors	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Site Grand Total	1	3	1	0	3	3	0	0	0	0	0	0	7	11
Prior Year (FY09) Site Grand Total	*1*	*2*	*0*	*2*	*0*	*5*	*2*	*3*	*0*	*2*	*2*	*0*		*19*
Prior Year (FY08) Site Grand Total	*3*	*3*	*2*	*2*	*1*	*3*	*1*	*4*	*1*	*2*	*1*	*2*		*25*
Prior Year (FY07) Site Grand Total	*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+

As of 4/30/10

Notes: Projections assume that hours worked will remain constant