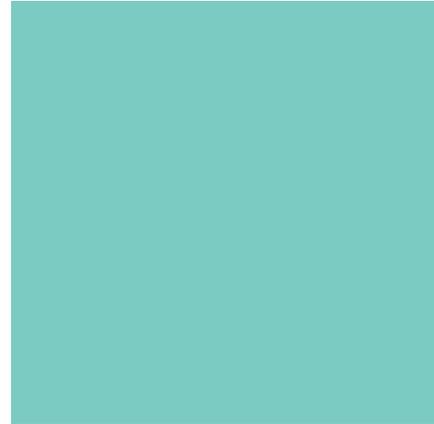




# Berkeley Lab Accident Statistics Through September 30, 2012



**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](mailto:rwfisher@lbl.gov)**

# Injury/Illness Cases – September 2012

## Ergonomic

- **Elbow strain**
  - **The Groundskeeper developed elbow discomfort associated with several tasks involving a combination of repetitive stresses and forces and some static stresses and forces (use of shovel, weed eater, leaf blower).**

## Trauma

- **Multiple contusions / strain**
  - **The Groundskeeper was flagging traffic on Smoot Road. The rear outer wheel of a passing semi truck trailer brushed against the employee causing the employee to fall back over the guardrail.**

# Injury/Illness Cases – September 2012

## Material Handling

- **Strain of lumbar spine**
  - **The Truck Driver strained the lower back while repositioning packages that had shifted in the back of the delivery truck.**

## Laceration

- **Laceration of top of hand**
  - **The Graduate Student Research Assistant was removing equipment from the bottom level of a metal storage cabinet. The first suspended metal shelf above this space collapsed downward. The sharp edge of a piece of equipment at the front of the shelf struck the employee's right wrist causing a one centimeter laceration.**

# Injury/Illness Cases – September 2012

## Slip Trip Fall

- **Abrasion on lower leg**
  - **The employee was walking down McMillan Road to Building 76 from the parking area by Building 75B. The employee's leather sole shoe slipped on the steeply sloped asphalt road/walkway surface. The employee's knee and lower leg struck the pavement causing a minor abrasion.**
- **Multiple contusions**
  - **The Plant Maintenance Technician tripped over and fell onto a parking monument in the early morning light in the N3 parking lot.**
- **Ankle strain**
  - **The Electronic Engineering Technologist experienced a rolled ankle due to stepping on of debris while descending a stairway outside B50E.**

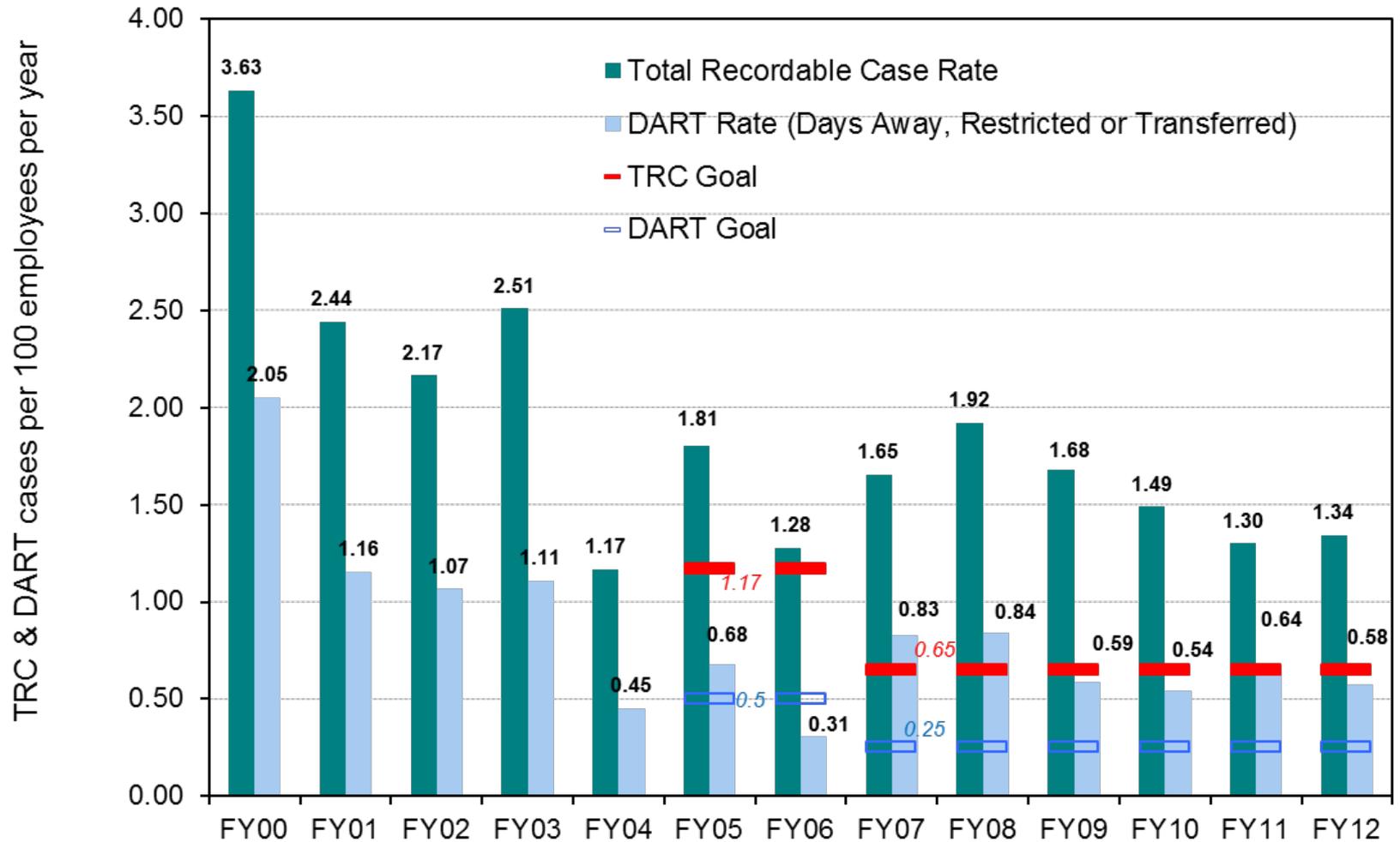
# Injury/Illness Cases – September 2012

## Chemical

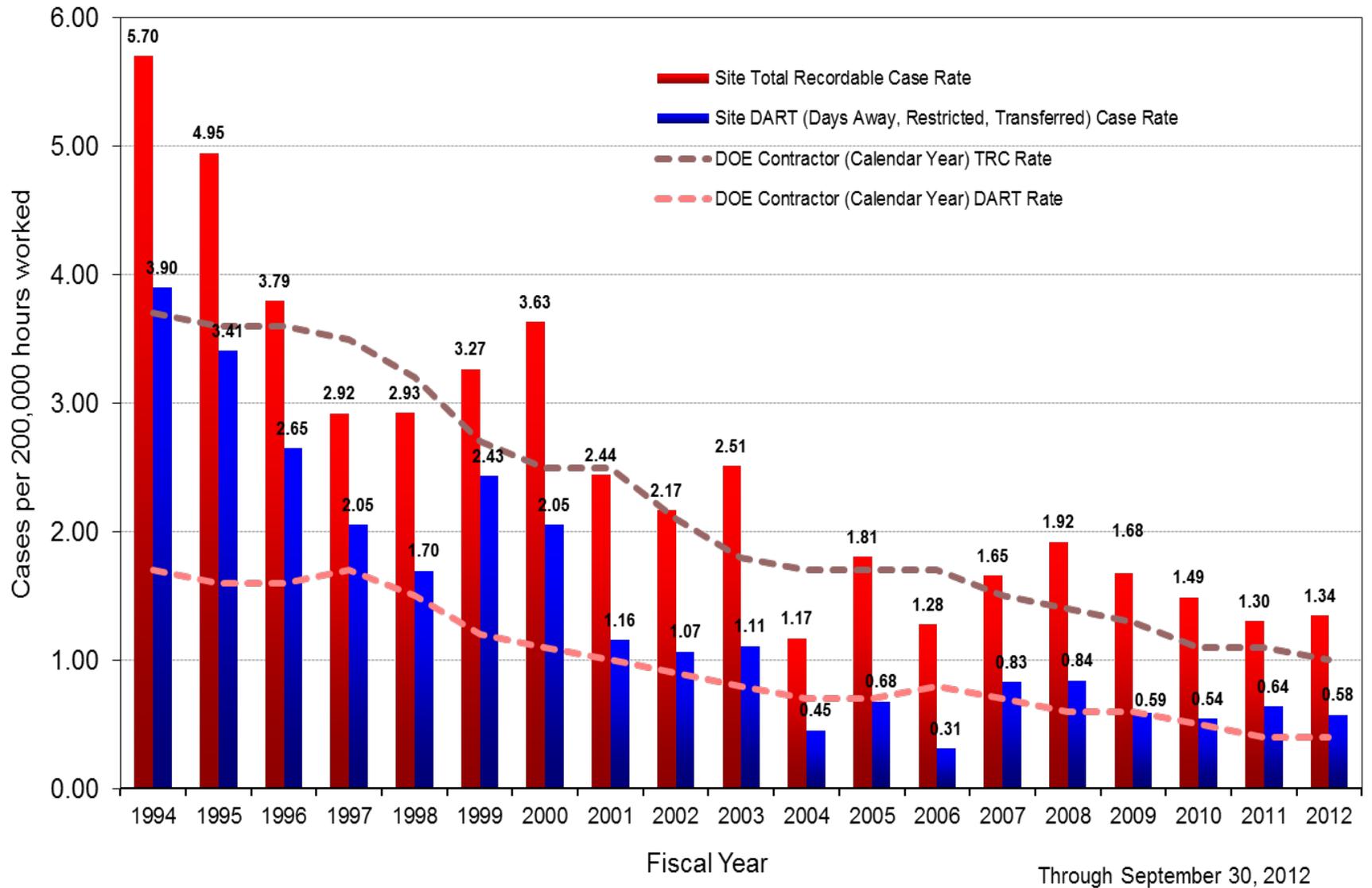
- **Phenol contact**
  - **The Guest Student Assistant had a droplet of Trizol (phenol containing) solution land on the left pant leg above the knee while re-suspending some frozen cells in small vials on the lab bench top.**

# Berkeley Lab Site-Wide TRC & DART Rates

(Includes all Construction and Service Contractors)  
Through September 30, 2012

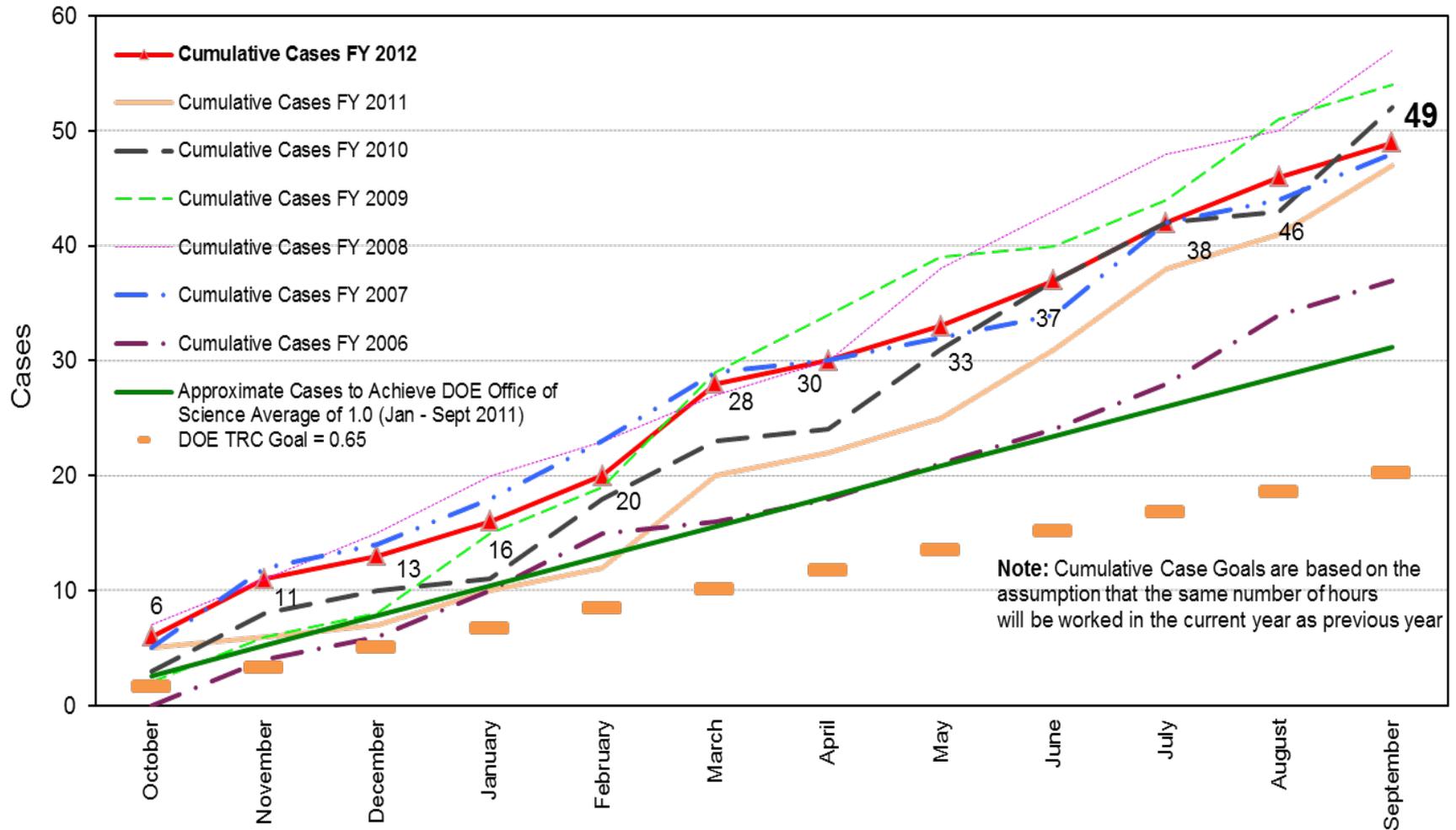


## Berkeley Lab Site Accident Rates



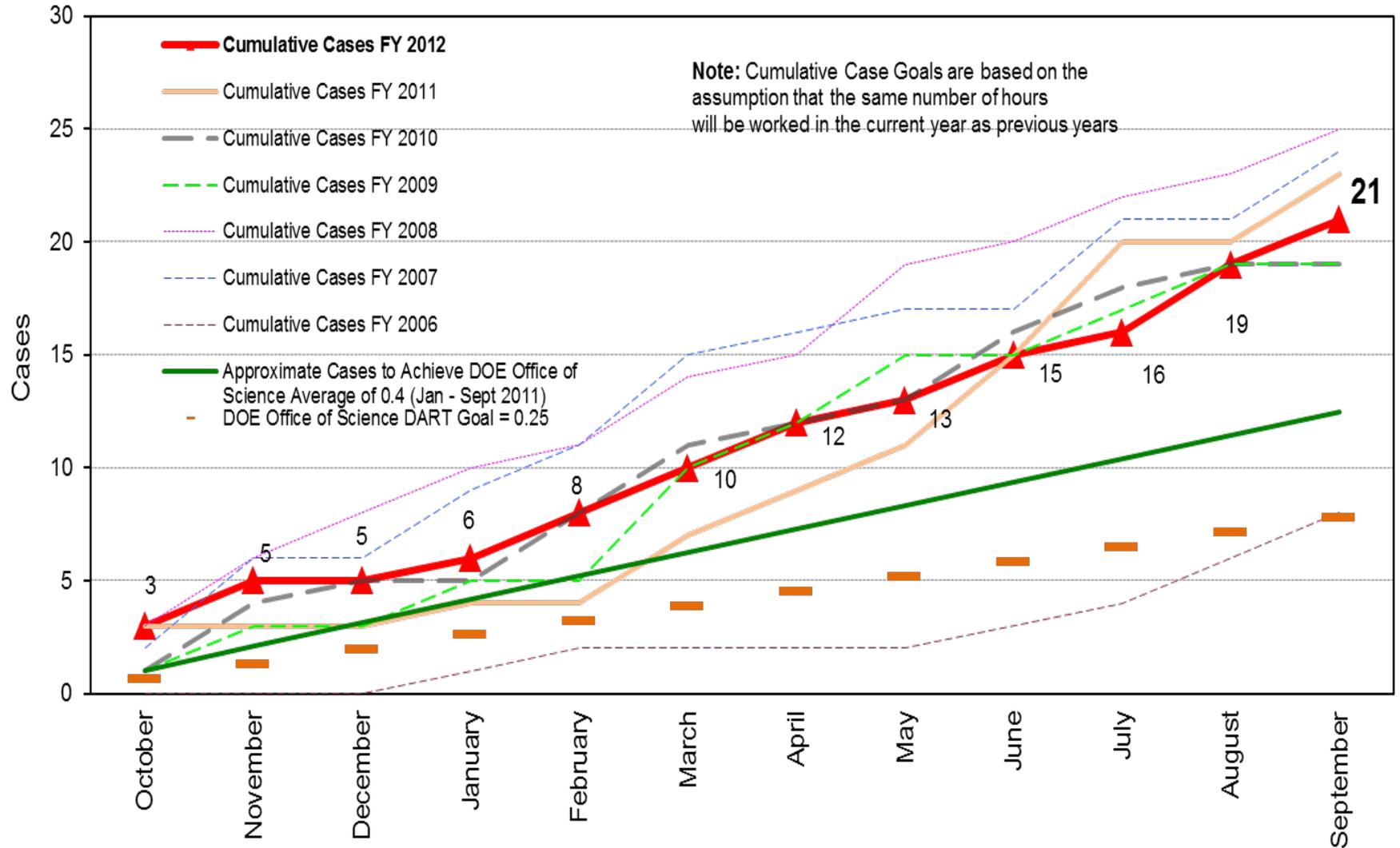
Through September 30, 2012

## Berkeley Lab and Contractors Cumulative Total Recordable Cases By Fiscal Year

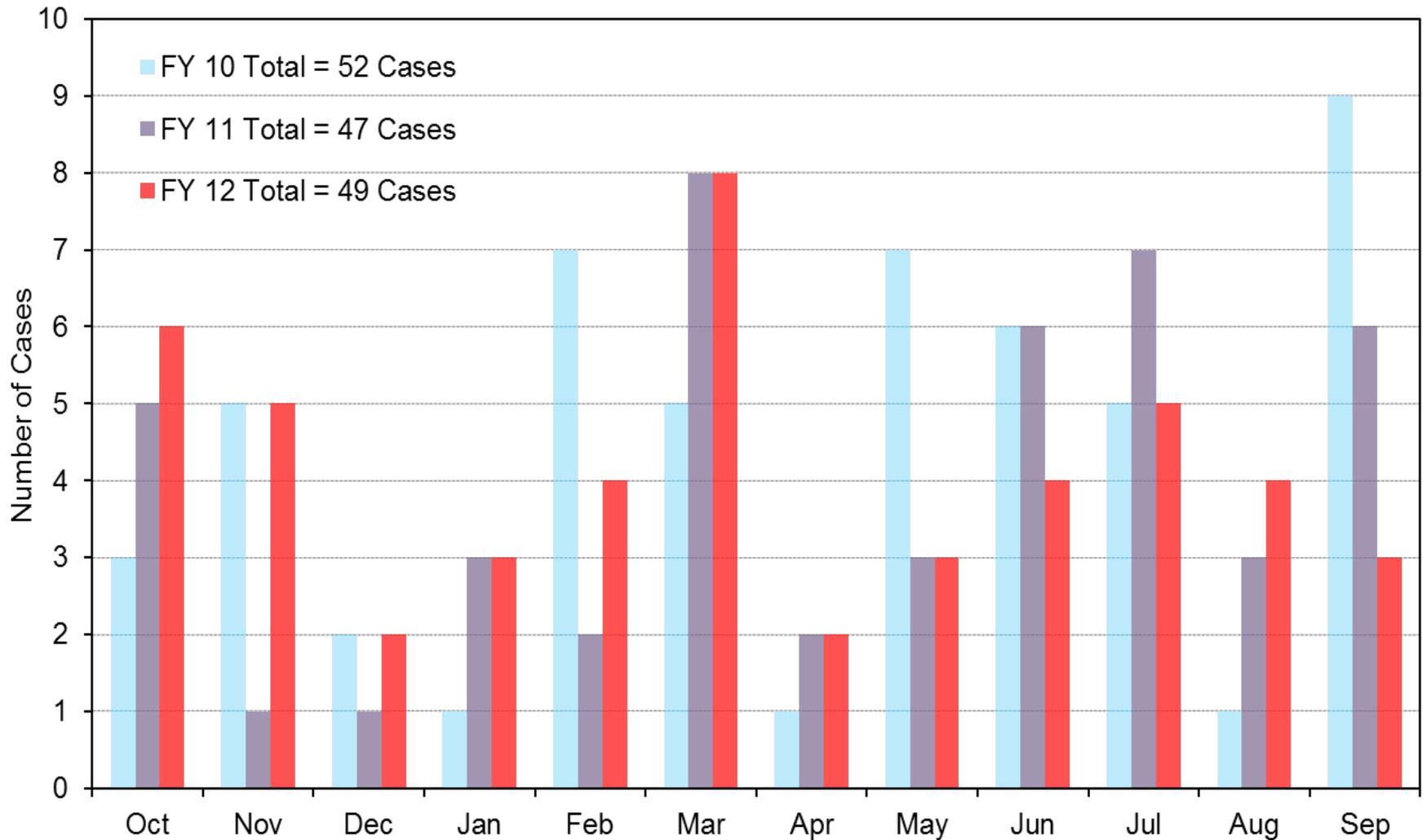


# Berkeley Lab and Contractors

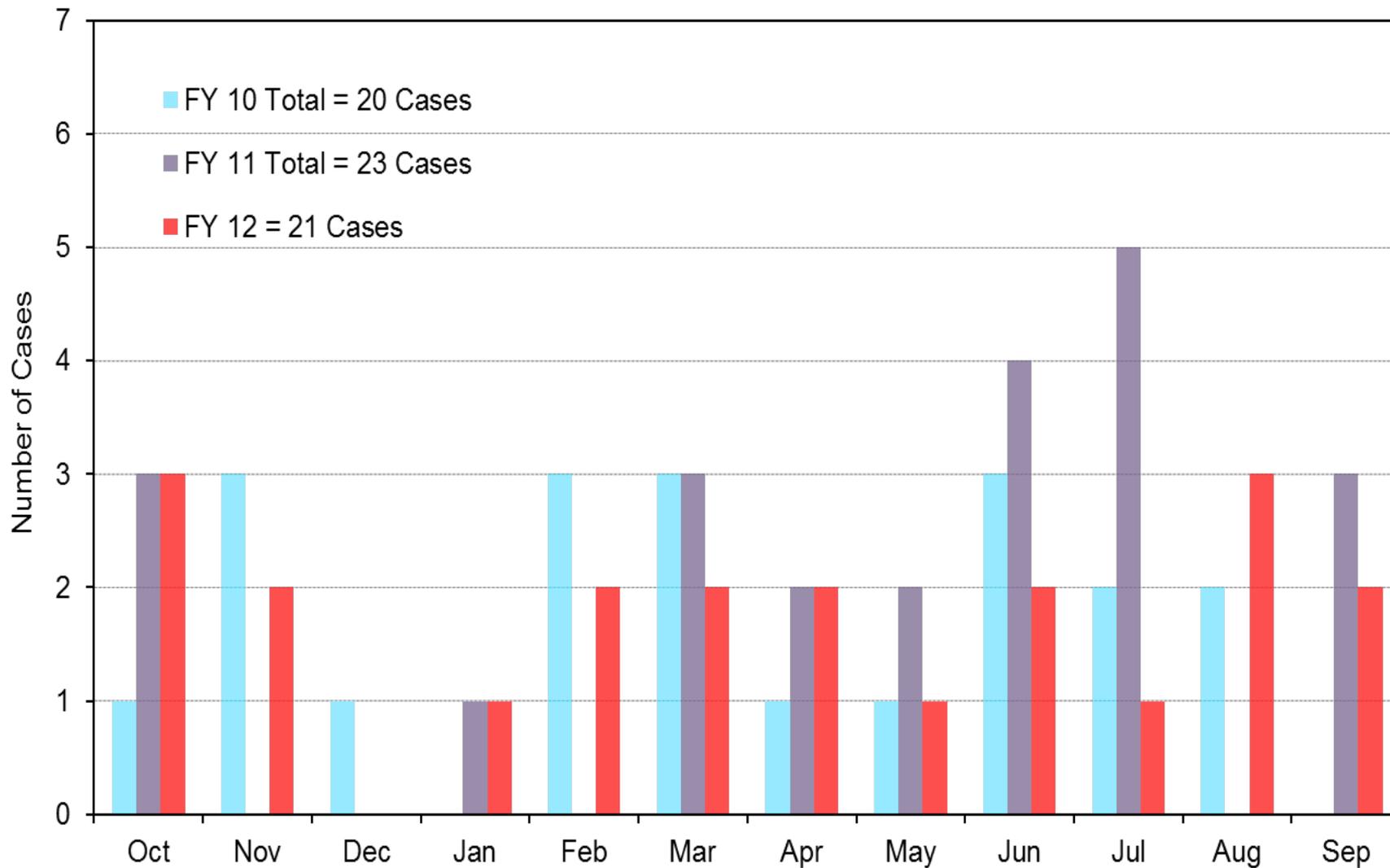
## Cumulative DART (Days Away, Restricted, Transferred) Cases By Fiscal Year

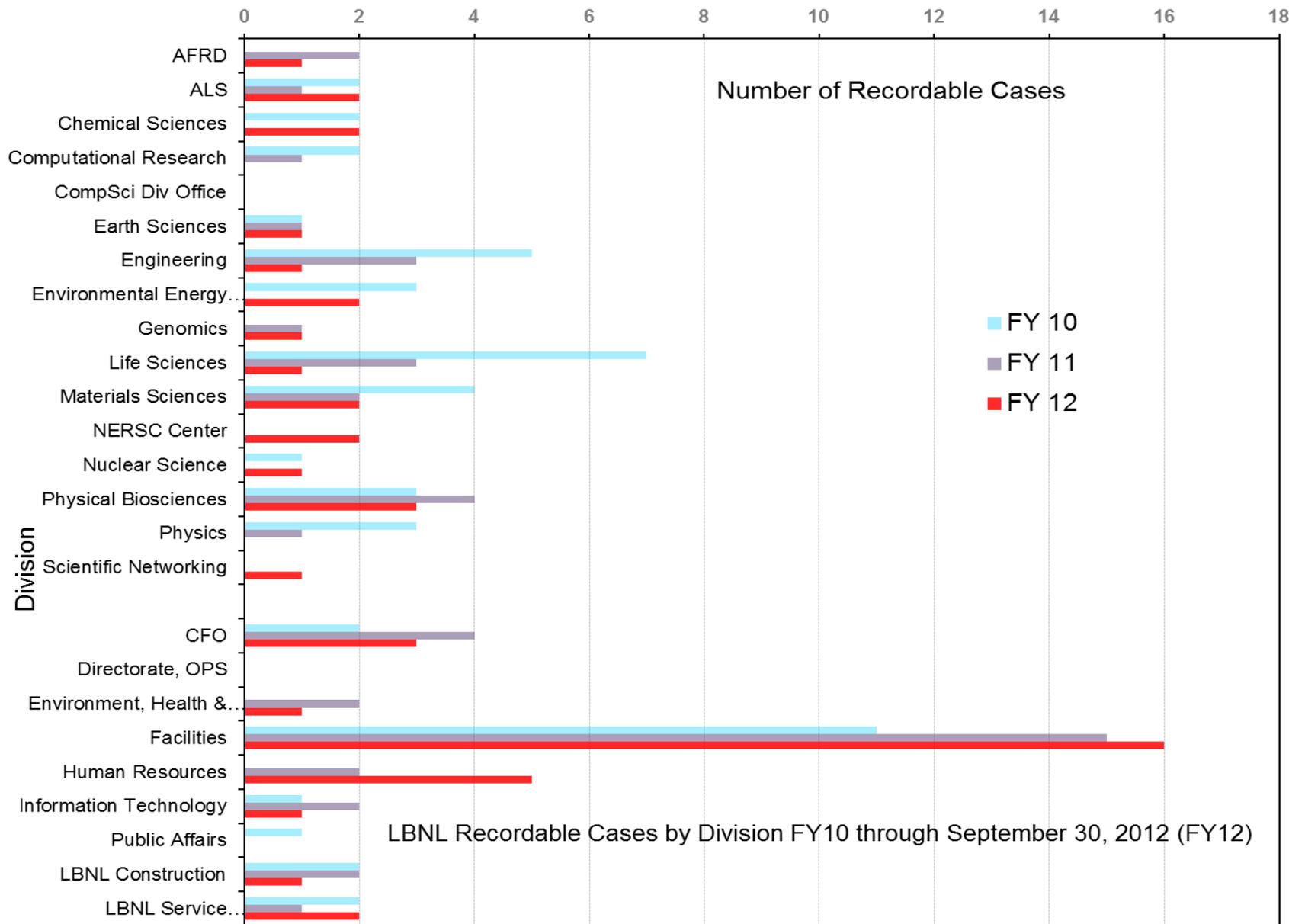


# LBNL Recordable Cases FY10 through September 30, 2012 (FY12)

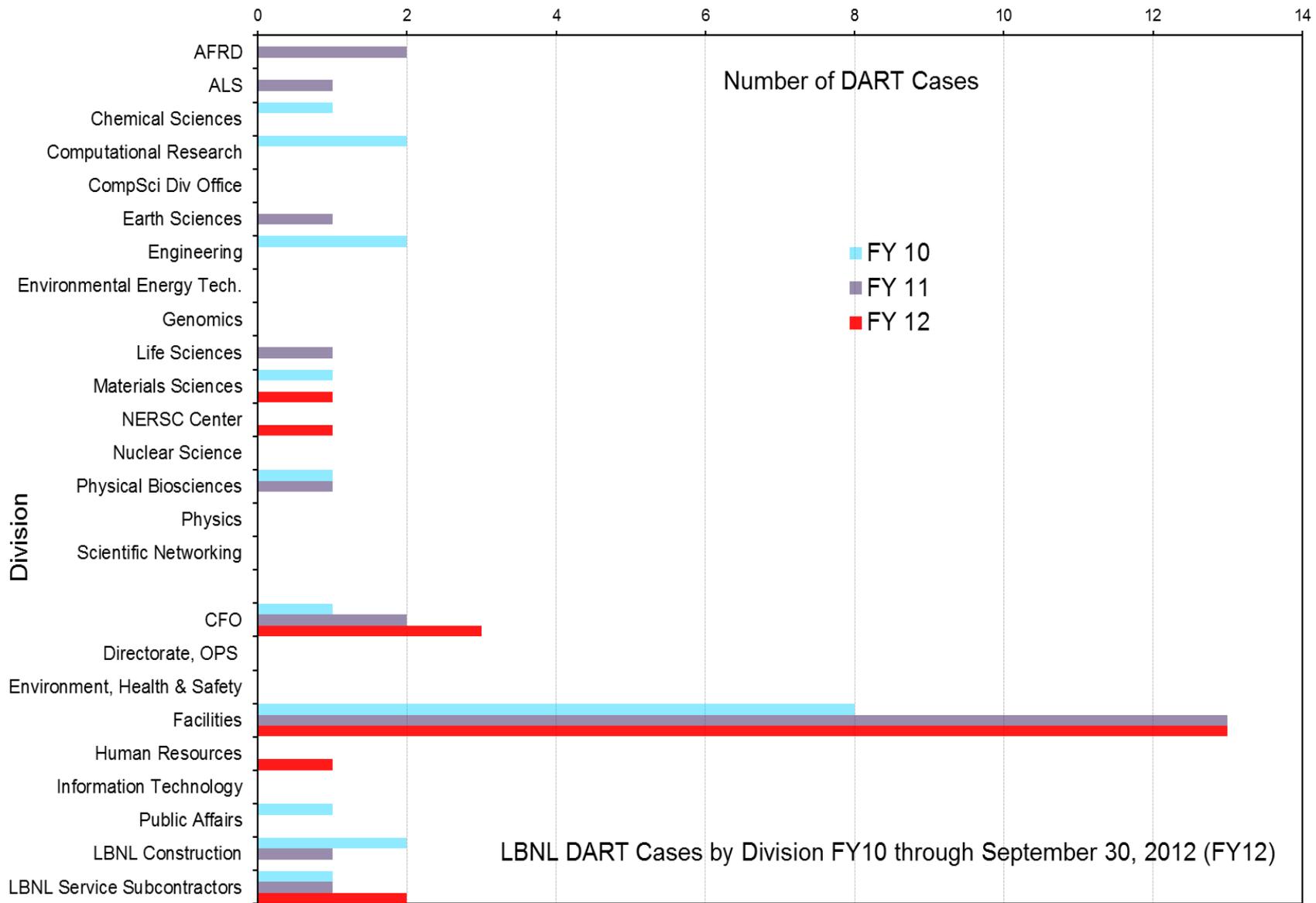


# LBNL DART Cases FY10 through September 30, 2012 (FY12)



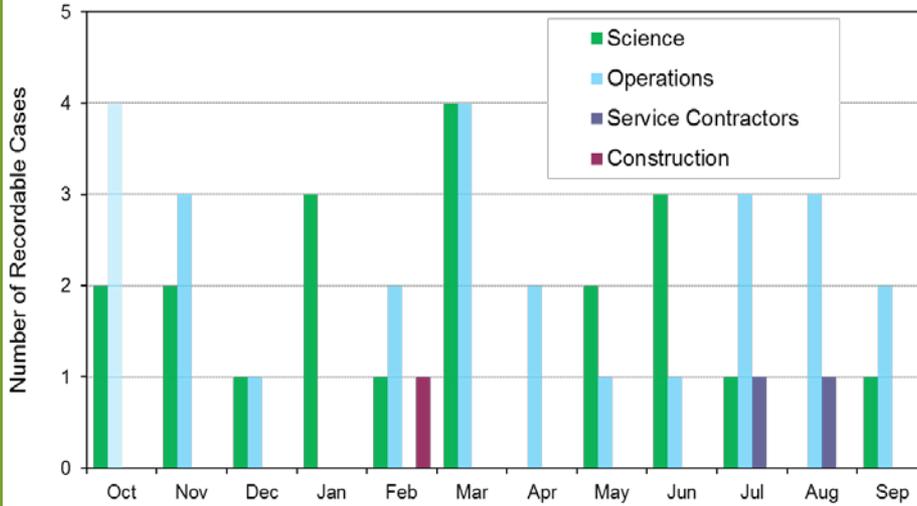


LBNL Recordable Cases by Division FY10 through September 30, 2012 (FY12)

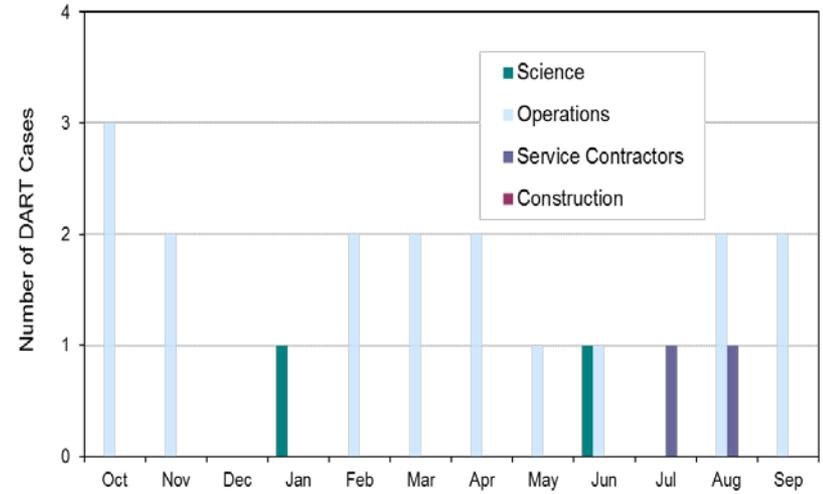


LBNL DART Cases by Division FY10 through September 30, 2012 (FY12)

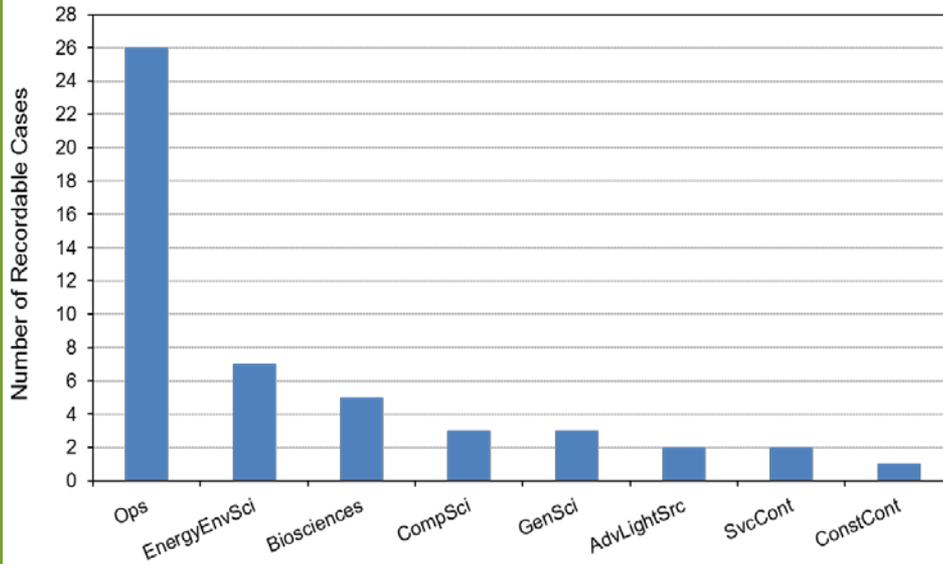
Recordable Cases by LBNL Major Organization  
FY 2012 To Date September 30, 2012



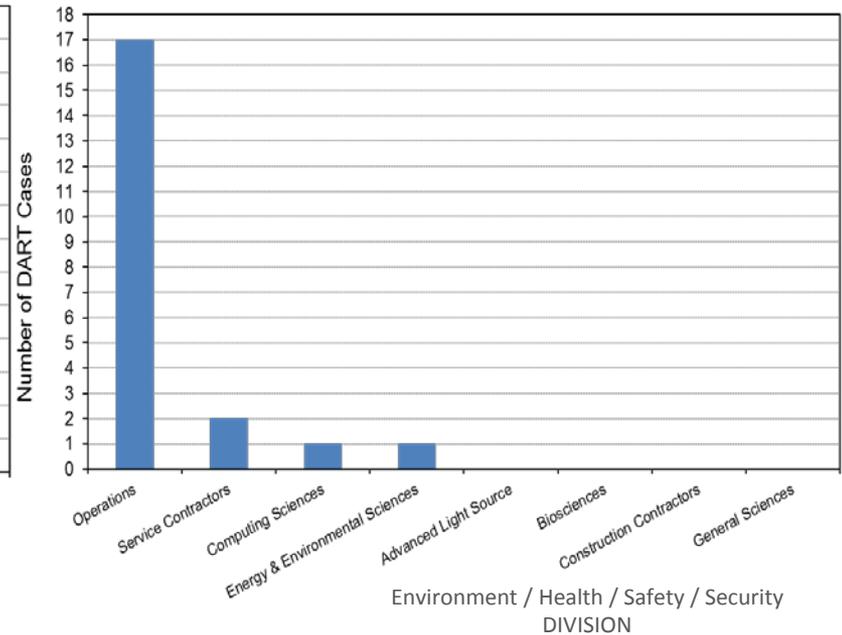
DART Cases by LBNL Major Organization  
FY 2012 To Date September 30, 2012



Recordable Cases by Directorate  
FY 2012 To Date September 30, 2012

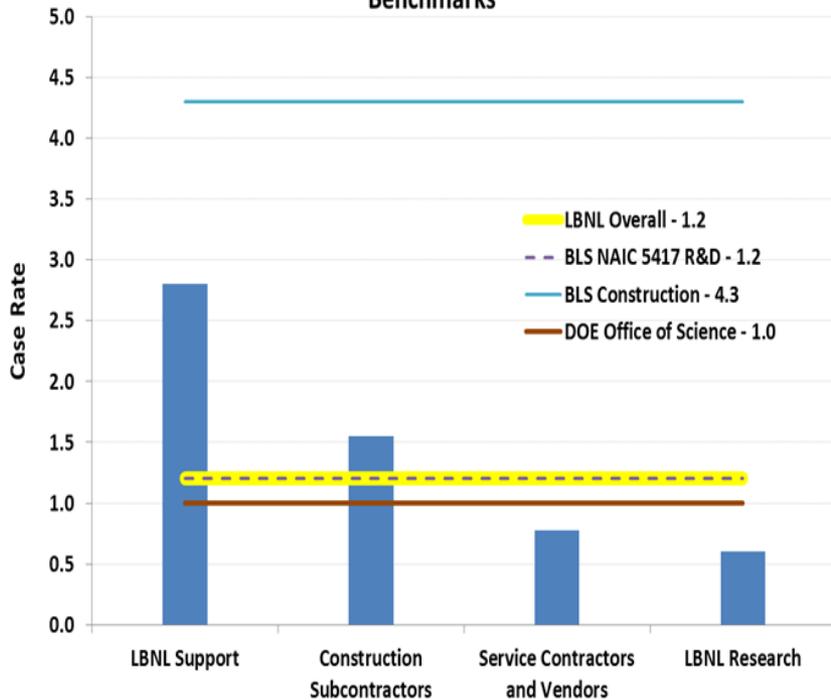


DART Cases by Directorate  
FY 2012 To Date September 30, 2012

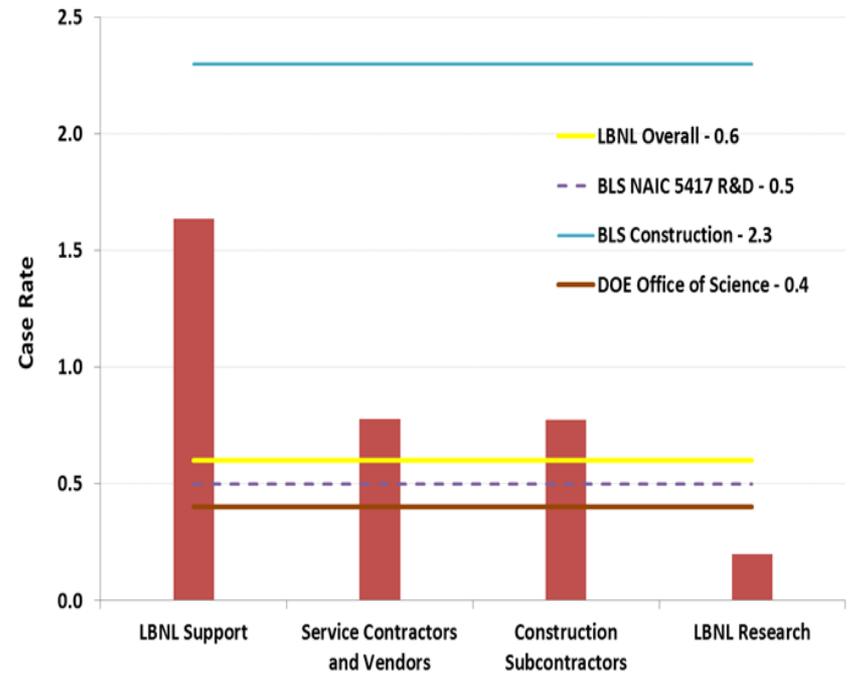


# FY 2011 Summary Reference

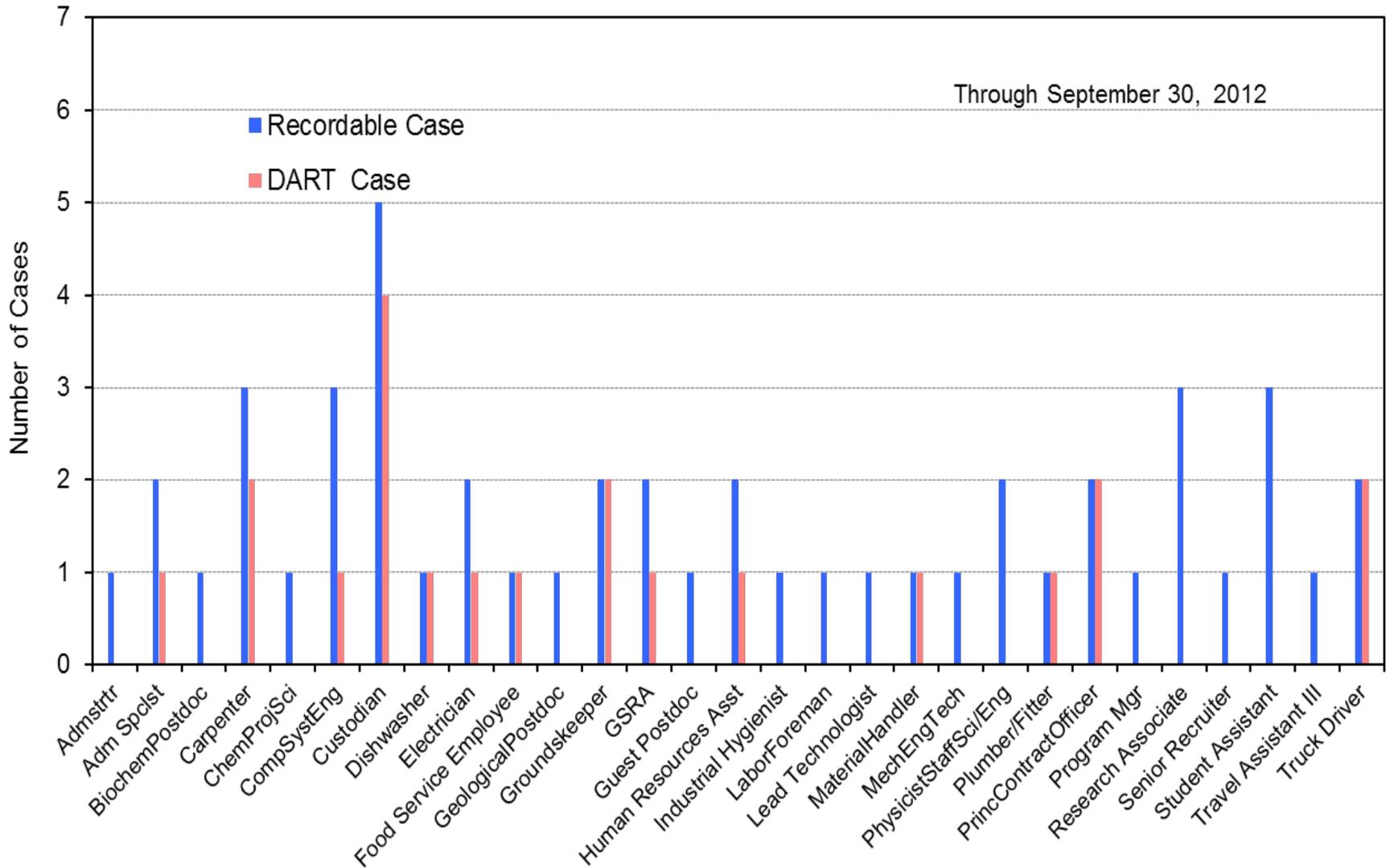
FY 2011 Recordable Case Rate by DOE Reporting Organization with Benchmarks



FY 2011 DART Case Rate by DOE Reporting Organization with Benchmarks

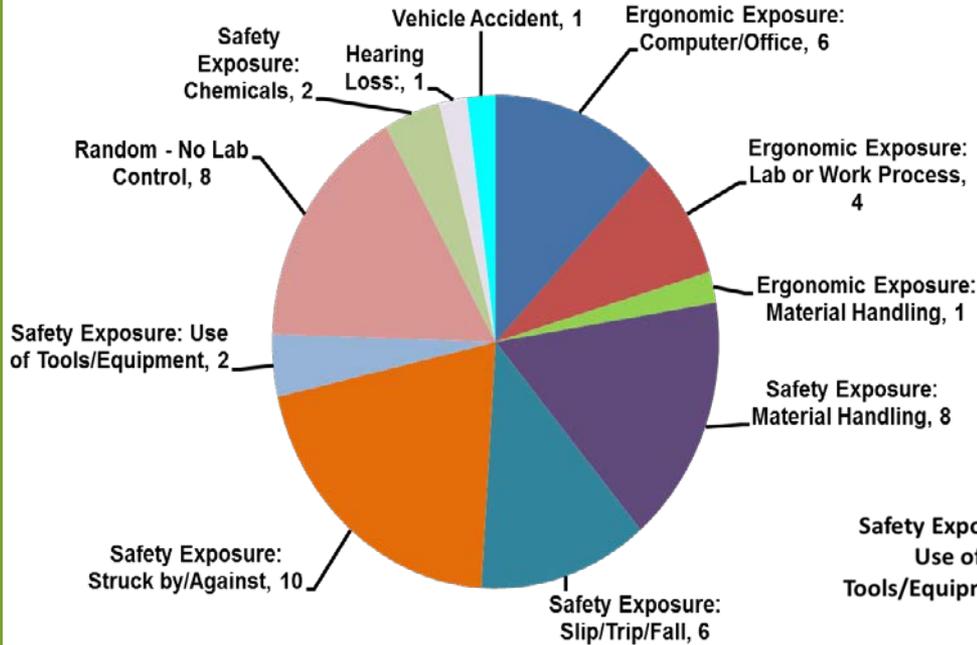


# Recordable and DART Cases by Job Classification

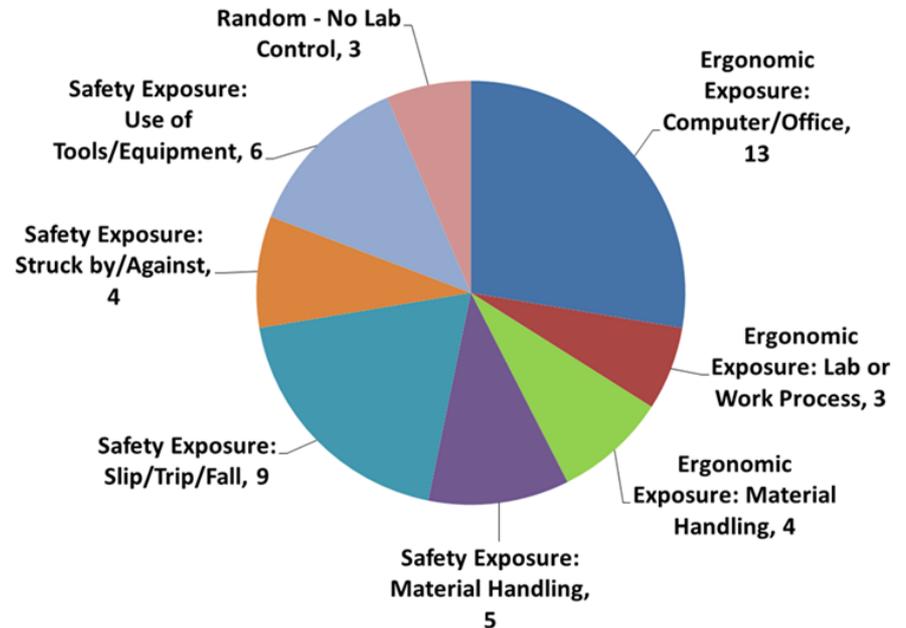


# Recordable Injury Categories and Causes

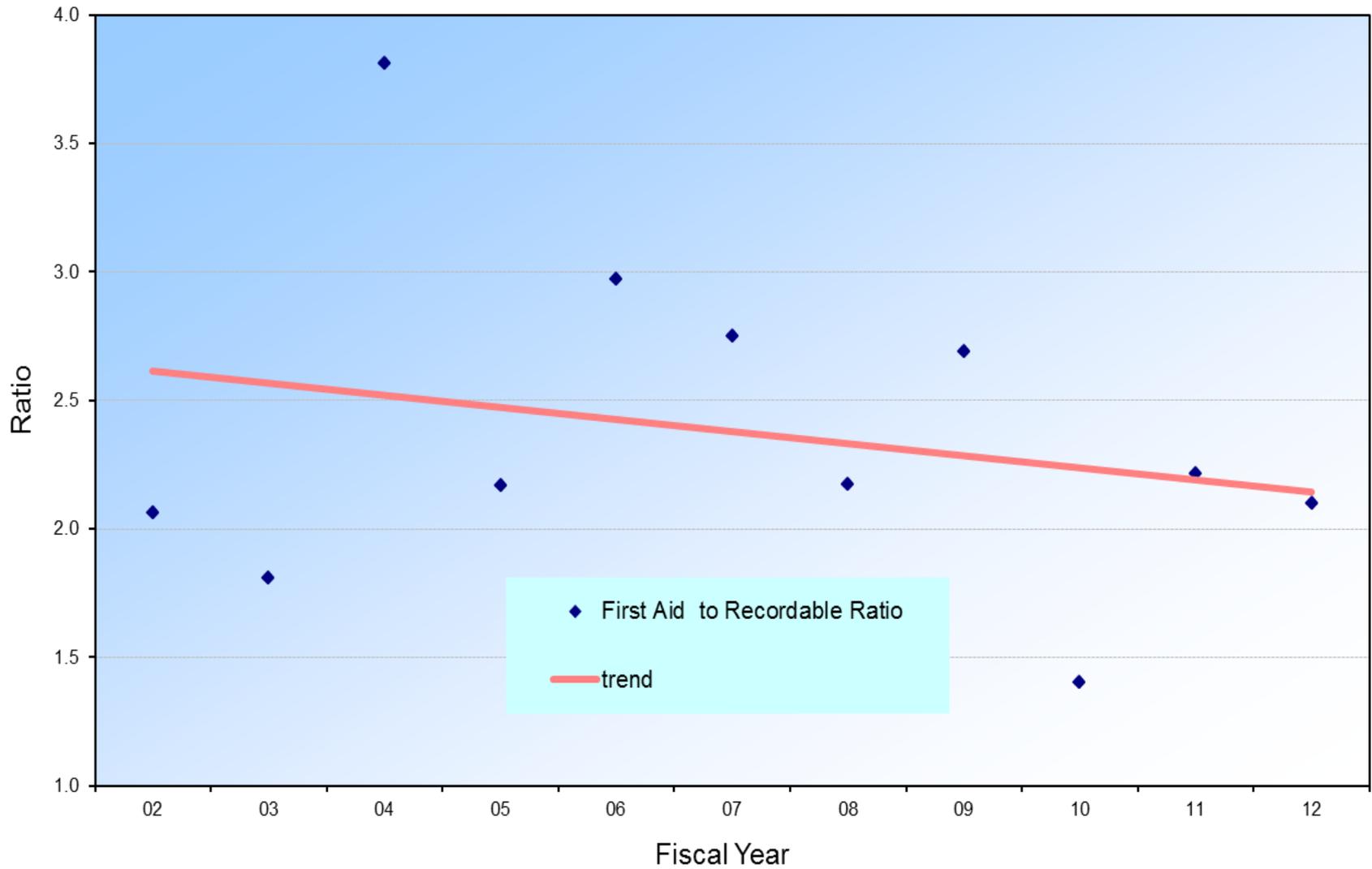
FY 2012 through 9/30/12



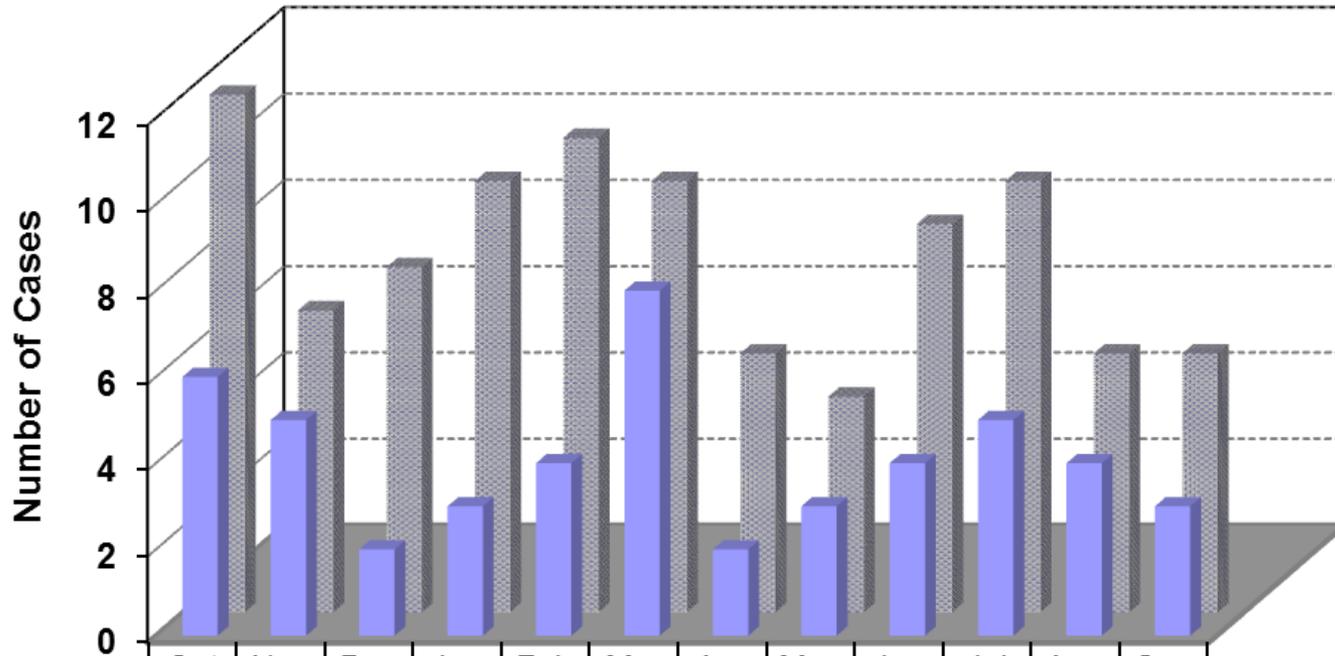
FY 2011



# First Aid to Recordable Case Ratio through September 30, 2012

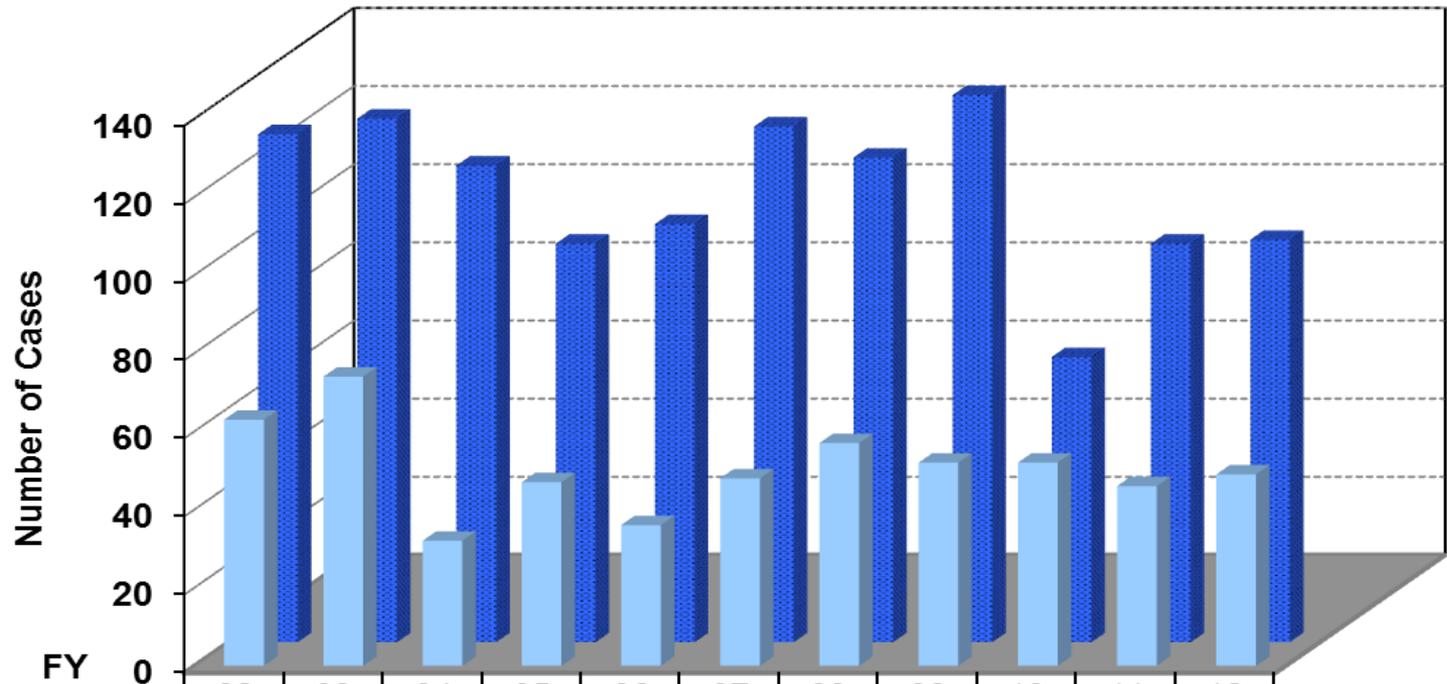


## FY2012 First Aid to Recordable Comparison by Month through September 30, 2012



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
■ REC	6	5	2	3	4	8	2	3	4	5	4	3
■ FA	15	7	8	10	11	10	6	5	9	10	6	6
FA to REC Ratio	2.5	1.4	4.0	3.3	2.8	1.3	3.0	1.7	2.3	2.0	1.5	2.0
% of Total as FA	71	58	80	77	73	56	75	63	69	67	60	67
% of Total as REC	29	42	20	23	27	44	25	38	31	33	40	33

## FY02 to FY2011 First Aid to Recordable Comparison by Year through September 30, 2012



■ REC	02	03	04	05	06	07	08	09	10	11	12
■ FA	63	74	32	47	36	48	57	52	52	46	49
FA to REC Ratio	2.1	1.8	3.8	2.2	3.0	2.8	2.2	2.7	1.4	2.2	2.10
% of Total as FA	67	64	79	68	75	73	69	73	58	69	68
% of Total as REC	33	36	21	32	25	27	31	27	42	31	32

# LBNL Total Recordable Cases October 1, 2011 - September 30, 2012 (FY12)

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total YTD
<b>LBNL Research</b>													
<b>Computing Sciences</b>	0	1	0	1	0	0	0	0	1	0	0	0	3
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0
Division Office	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	1	0	0	0	0	1	0	0	0	2
Scientific Networking	0	1	0	0	0	0	0	0	0	0	0	0	1
<b>General Sciences</b>	1	1	0	0	0	0	0	1	0	0	0	0	3
AFRD	0	1	0	0	0	0	0	0	0	0	0	0	1
Engineering	1	0	0	0	0	0	0	0	0	0	0	0	1
Nuclear Science	0	0	0	0	0	0	0	1	0	0	0	0	1
Physics	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Energy &amp; Environmental Sciences</b>	0	0	0	1	1	2	0	0	1	1	0	1	7
Chemical Sciences	0	0	0	1	0	0	0	0	0	1	0	0	2
Earth Sciences	0	0	0	0	0	1	0	0	0	0	0	0	1
Environmental Energy Tech.	0	0	0	0	1	1	0	0	0	0	0	0	2
Materials Sciences	0	0	0	0	0	0	0	0	1	0	0	1	2
<b>Biosciences</b>	1	0	1	1	0	1	0	1	0	0	0	0	5
Genomics	1	0	0	0	0	0	0	0	0	0	0	0	1
Life Sciences	0	0	0	1	0	0	0	0	0	0	0	0	1
Physical Biosciences	0	0	1	0	0	1	0	1	0	0	0	0	3
<b>Advanced Light Source</b>	0	0	0	0	0	1	0	0	1	0	0	0	2
<b>LBNL Research Sub-Total</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>20</b>
<b>LBNL Operations</b>													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	1	0	0	1
Facilities	2	2	1	0	2	2	1	1	1	1	1	2	16
Human Resources	1	1	0	0	0	1	0	0	0	1	1	0	5
Information Technology	1	0	0	0	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	0	0	0	0	0	1	0	0	0	0	1	0	3
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations Sub-Total</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>26</b>
<b>LBNL Total</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>8</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>46</b>
<b>LBNL Construction</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>						
<b>LBNL Service Subcontractors</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>								
<b>Site Grand Total</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>8</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>49</b>
<i>Prior Year (FY11) Site Grand Total</i>	5	1	1	3	2	8	2	3	6	7	3	6	47
<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 9/30/12

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety / Security  
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**'LBNL DART' (Days Away, Restricted, Transferred) Cases Oct 1, 2011 - September 30, 2012 (FY12) -**

	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Total YTD
<b>LBNL Research</b>													
<b>Computing Sciences</b>	0	0	0	1	0	0	0	0	0	0	0	0	1
Computational Research	0	0	0	0	0	0	0	0	0	0	0	0	0
Division Office	0	0	0	0	0	0	0	0	0	0	0	0	0
NERSC Center	0	0	0	1	0	0	0	0	0	0	0	0	1
Scientific Networking	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>Energy &amp; Environmental Sciences</b>	0	0	0	0	0	0	0	0	1	0	0	0	1
Chemical 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
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	1	0	0	0	1
<b>Biosciences</b>	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 Biosciences	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Advanced Light Source</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Research Sub-Total</b>	0	0	0	1	0	0	0	0	1	0	0	0	2
<b>LBNL Operations</b>													
Environment, Health & Safety	0	0	0	0	0	0	0	0	0	0	0	0	0
Facilities	2	2	0	0	2	1	1	1	1	0	1	2	13
Human Resources	1	0	0	0	0	0	0	0	0	0	0	0	1
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	0	1	1	0	0	0	1	0	3
Directorate	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Operations Sub-Total</b>	3	2	0	0	2	2	2	1	1	0	2	2	17
<b>LBNL Total</b>	3	2	0	1	2	2	2	1	2	0	2	2	19
<b>LBNL Construction</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LBNL Service Subcontractors</b>	0	0	0	0	0	0	0	0	0	1	1	0	2
<b>Site Grand Total</b>	3	2	0	1	2	2	2	1	2	1	3	2	21
<i>Prior Year (FY11) Site Grand Total</i>	3	0	0	1	0	3	2	2	4	5	0	3	23
<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 o 9/30/12

Notes: Projections assume that hours worked will remain constant

Environment / Health / Safety / Security  
DIVISION



U.S. DEPARTMENT OF  
**ENERGY**



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