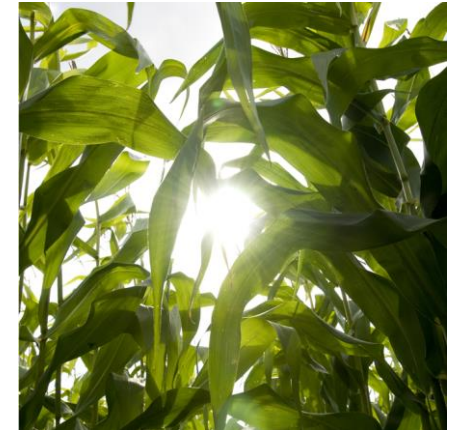
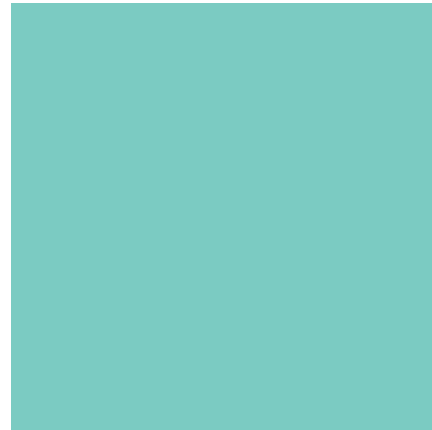




Berkeley Lab Accident Statistics FY 17

(10/1/16 to 8/31/17)



These slides are updated on a monthly basis as soon as data are reasonably final for the preceding month.

Please share this information as indicated throughout your Areas/Divisions.

**Refer questions about accident statistics to:
mmalexandre@lbl.gov**

Take-aways from Recent Incident Investigations

- Slips, Trips and Falls continue to be the #1 injury at Berkeley Lab. A high percentage of these injuries are severe enough to require medical treatment, lost work days and/or restricted work.
 - Be mindful; especially while walking on uneven terrain
 - Use caution when using step stools and ladders
 - Hold handrails
- When moving items inspect for loose parts. Loose parts should be removed or secured to prevent them from falling during transport.
- When performing lab tasks for the first time ensure there is safe work planning and adequate training.

LBNL Total Recordable Cases October 1, 2016 - August 31, 2017 (FY17)

| | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Total YTD |
|-------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|
| LBNL Research | | | | | | | | | | | | | |
| Biosciences | | | | | | | | | | | | | |
| Biosci Area Office | | | | 1 | | | | | | | | | 1 |
| Biological Systems / Engineering | | | | | 1 | 1 | | | | | | | 2 |
| Environmental Genomics / System Biology | | | | | | | | 1 | | 1 | 1 | | 3 |
| Molecular Biophysics / Bioimaging | | | | | | | | 1 | | | 1 | | 2 |
| JGI | | | | | | | | | | | | | 0 |
| Computing Sciences | | | | | | | | | | | | | |
| Computing Sci Area Office | | | | | | | | | | | | | 0 |
| Computational Research | | 1 | | | | | | | | | | | 1 |
| NERSC Center | | | | | | | | | | | | | 0 |
| Scientific Networking | | | | | | | | | | | | | 0 |
| Energy Sciences | | | | | | | | | | | | | |
| ES Area Office | | | | | | | | | | | | | 0 |
| Advanced Light Source | | | | | | 1 | | | 1 | | | | 2 |
| Chemical Sciences | | | | | | | | | | | 1 | | 1 |
| Molecular Foundry | | | | | | | | | | | | | 0 |
| Material Sciences | | | | | | | | | | | | | 0 |
| Energy Technologies | | | | | | | | | | | | | |
| ET Area Office | | | | | | | | | | | 1 | | 1 |
| Building Technology / Urban Systems | | | | | | | | | | | | | 0 |
| Cyclotron Road | | | | | | 1 | | | | | | | 1 |
| Energy Analysis / Environmental Impacts | | | | | | | | | | | | | 0 |
| Energy Storage / Distributed Resources | | | | | | | | | | | | | 0 |
| Earth & Environmental Sciences | | | | | | | | | | | | | |
| E&ES Area Office | 1 | | | | 1 | | | | | | | | 2 |
| Climate / Ecosystem Sciences | | | | | | | | | | | | | 0 |
| Energy Geosciences | | | | | | | | | | | | | 0 |
| Physical Sciences | | | | | | | | | | | | | |
| Phys Sci Area Office | | | | | | | | | | | | | 0 |
| ATAP | | | | | 1 | | | | | | | | 1 |
| Engineering | | 1 | 1 | | 1 | | | 1 | | | | | 4 |
| Nuclear Sciences | | 1 | | | | | 1 | | | | | | 2 |
| Physics | | | | | | | | | | | | | 0 |
| LBNL Operations | | | | | | | | | | | | | |
| CFO | 2 | | | | 1 | | | | | | | | 3 |
| Directorate | | | | | | | | | | | 1 | | 1 |
| EHS | | | | 1 | | 1 | | | | | | | 2 |
| Facilities | | 1 | 2 | 4 | 1 | 2 | 2 | | 1 | | 3 | | 16 |
| Human Resources | 1 | | | | | | | | | 1 | | | 2 |
| Information Technology | | 1 | | | | 1 | | | | | | | 2 |
| Protective Services | | | | | | | | | | | | | 0 |
| Public Affairs | | | | | | | | | | | | | 0 |

FY17 YTD=
 49 Recordable
 Cases

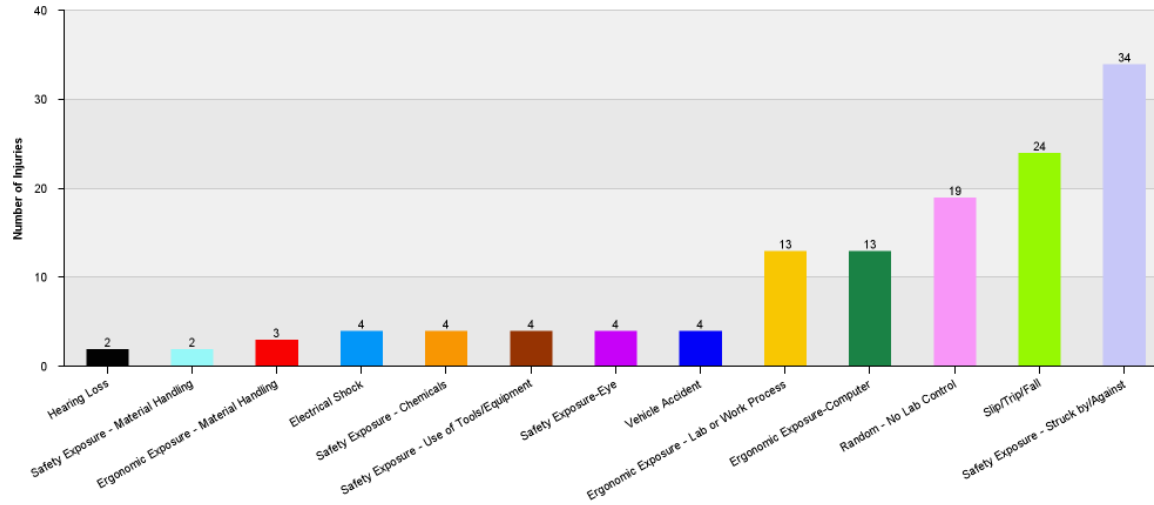
LBNL DART (Days Away, Restricted, Transferred) Cases Oct 1, 2016 -August 31, 2017 (FY17)

| | Oct-16 | Nov-16 | Dec-16 | Jan-17 | Feb-17 | Mar-17 | Apr-17 | May-17 | Jun-17 | Jul-17 | Aug-17 | Sep-17 | Total YTD |
|-------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|
| LBNL Research | | | | | | | | | | | | | |
| Biosciences | | | | | | | | | | | | | |
| Biosci Area Office | | | | | | | | | | | | | 0 |
| Biological Systems / Engineering | | | | | | 1 | | | | | | | 1 |
| Environmental Genomics / System Biology | | | | | | | | | | | | | 0 |
| Molecular Biophysics / Bioimaging | | | | | | | | | 1 | | | | 1 |
| JGI | | | | | | | | | | | | | 0 |
| Computing Sciences | | | | | | | | | | | | | |
| Computing Sci Area Office | | | | | | | | | | | | | 0 |
| Computational Research | | | | | | | | | | | | | 0 |
| NERSC Center | | | | | | | | | | | | | 0 |
| Scientific Networking | | | | | | | | | | | | | 0 |
| Energy Sciences | | | | | | | | | | | | | |
| ES Area Office | | | | | | | | | | | | | 0 |
| Advanced Light Source | | | | | | | | | 1 | | | | 1 |
| Chemical Sciences | | | | | | | | | | | | | 0 |
| Molecular Foundry | | | | | | | | | | | | | 0 |
| Material Sciences | | | | | | | | | | | | | 0 |
| Energy Technologies | | | | | | | | | | | | | |
| ET Area Office | | | | | | | | | | | | | 0 |
| Building Technology / Urban Systems | | | | | | | | | | | | | 0 |
| Cyclotron Road | | | | | | | | | | | | | 0 |
| Energy Analysis / Environmental Impacts | | | | | | | | | | | | | 0 |
| Energy Storage / Distributed Resources | | | | | | | | | | | | | 0 |
| Earth & Environmental Sciences | | | | | | | | | | | | | |
| E&ES Area Office | | | | | | | | | | | | | 0 |
| Climate / Ecosystem Sciences | | | | | | | | | | | | | 0 |
| Energy Geosciences | | | | | | | | | | | | | 0 |
| Physical Sciences | | | | | | | | | | | | | |
| Phys Sci Area Office | | | | | | | | | | | | | 0 |
| ATAP | | | | | 1 | | | | | | | | 1 |
| Engineering | | | | | | | | | | | | | 0 |
| Nuclear Sciences | | | | | | | 1 | | | | | | 1 |
| Physics | | | | | | | | | | | | | 0 |
| LBNL Operations | | | | | | | | | | | | | |
| CFO | | | | | | | | | | | | | 0 |
| Directorate | | | | | | | | | | 1 | | | 1 |
| EHS | | | | 1 | | | | | | | | | 1 |
| Facilities | | 1 | 1 | 1 | | | 1 | | 1 | | 1 | | 6 |
| Human Resources | | | | | | | | | | | | | 0 |
| Information Technology | | | | | | | | | | | | | 0 |
| Protective Services | | | | | | | | | | | | | 0 |
| Public Affairs | | | | | | | | | | | | | 0 |

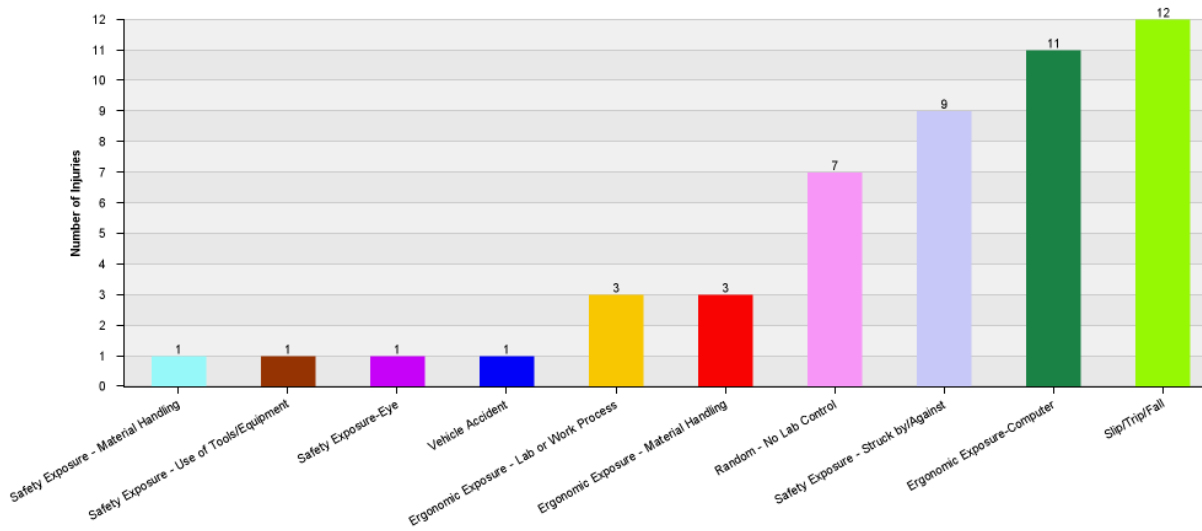
FY17 YTD=
13 DART Cases

Injuries by Categories –FY17 through 8/31/17

All First Aid and Recordable Injuries N=130 [Based on Incident Date]



Recordable Injuries N=49 [Based on Date Became Recordable]



Injury Incidents–August 2017

9 First Aid & 8 Recordable Injuries

Safety Exposure- Slip/Trip/Fall

- (FA) An employee was walking down stairs, slipped, and braced self with hand to prevent fall. Stairs were inspected and no unsafe conditions were noted.
- (FA) An employee was walking on uneven road, when employee fell in a dip in the sidewalk; resulting in various abrasion injuries. A work order has been submitted to evaluate the surface for possible repairs.
- (Rec) An employee was walking outside a parking lot when foot/shoe got caught in an uneven crack of asphalt/concrete causing employee to fall; resulting in injuries to the foot, hand, and head.
- (Rec) An employee was standing on a step stool in a lab; reaching and turning on a vacuum valve that was needed when employee fell off stepstool. Employee injured wrist, forearm, and hip. Note: this was a first aid incident that occurred in July, but became a recordable injury in August.
- (Rec) An employee was walking briskly down a tile hallway to a meeting; slipped and fell on both knees and both wrists.

Injury Incidents–August 2017

9 First Aid & 8 Recordable Injuries

Safety Exposure-Struck by/Against

- (FA) An employee was reinforcing a fence line with wire. Employee was pulling hard on a piece of wire with lineman pliers (heavy) to tighten the wire when the pliers slipped out of the hand hit the opposite wrist.
- (FA) The employee was in the back of a work truck; hitting a coupling with the head. Employee has a contusion on top of the head.
- (Rec) An employee was walking out of an office area into the hallway and struck the glass adjacent to the door with the head; causing a laceration on the eyebrow. The laceration was caused by prescription glasses hitting the glass.
- (Rec) An employee was moving a heavy piece of equipment with a co-worker when a piece came loose and fell onto a hand; causing left hand contusion. Note: this was a first aid incident that occurred in June, but became a recordable injury in August.

Injury Incidents – August 2017

9 First Aid & 8 Recordable Injuries

Ergo Exposure-Material Handling

- (Rec) An employee had pain in left hand and right shoulder from repetitive lifting, pulling, carrying, pulling as part of routine work. Note: this was a first aid incident that occurred in July, but became a recordable injury in August.

Safety Exposure - Eye {Chemical/Foreign Object/Trauma}

- (Rec) An employee working in a lab was splashed in the face when attempting to clean schlenk line glassware with a syringe. Employee immediately used the eyewash rinsing affected skin areas for 15 min, contacted supervisor and reported to Health Services. A safer procedure was identified and will be incorporated into work planning and training.

Injury Incidents – August 2017

9 First Aid & 8 Recordable Injuries

Random (No Lab Control)

- (FA) An employee was doing a job walk through. Employee twisted to the left to look at a job item and felt a pulling pain in mid back area.
- (FA) An employee had right hand discomfort after working long hours on the computer while trying to complete a project.
- (FA) A contractor was stung by a bee when working outside on a dock at the cafeteria.
- (FA) An employee was stung by a wasp on the arm.
- (FA) An employee was working on a hillside and felt pain in hamstring.
- (Rec) An employee was walking down stairs when right knee buckled. Employee did not fall, slip, or trip. Note: this was a first aid incident that occurred in June, but became a recordable injury in August.



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