

Serious Incident Reports (SIRs) General Industry Houston Area OSHA Offices FY 2018*

In Fiscal Year (FY) 2018 there were about 512 Serious Incident Reports (SIRs) reported to the Houston OSHA offices versus 428 the previous year. SIRs incidents include cases of hospitalization, amputation, and loss of an eye. Of the 512 reports, 411 were in general industry and 101 were in construction. Let's work together to send every worker home safe at the end of the day.



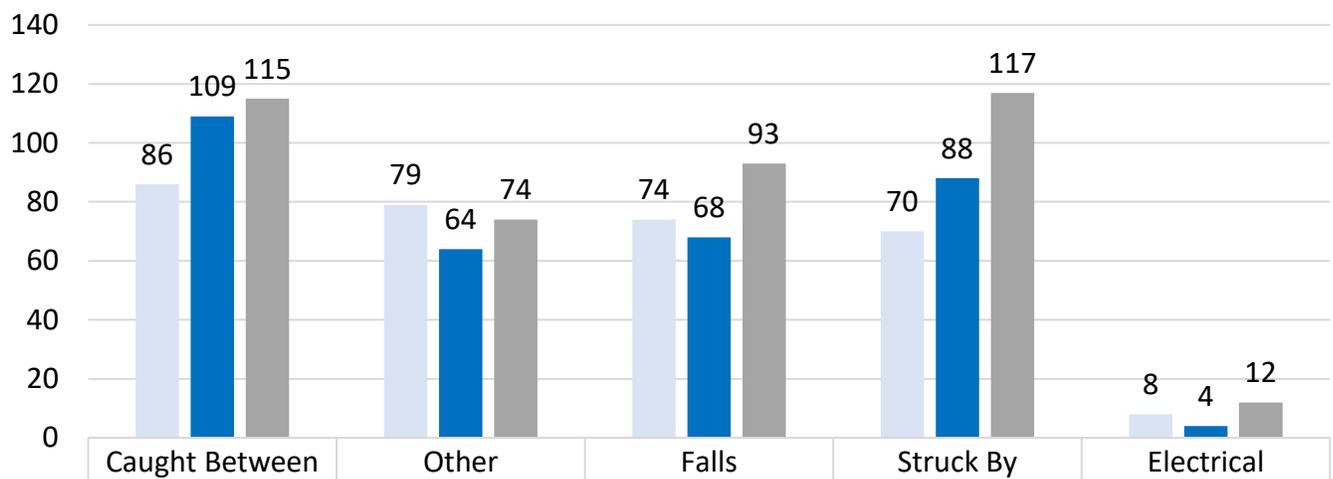
Of the 411 General Industry SIRs, 343 were hospitalizations and 96 were amputations. 28 of the amputations required hospitalization so they are technically counted twice. $343 + 96 - 28 = 411$

FY 18 Houston Area General Industry SIR Reports by NAICS Code

NAICS	Industry	SIRs
332	Fabricated Metal Product Manufacturing	39
488	Support Activities for Transportation	23
325	Chemical Manufacturing	22
333	Machinery Manufacturing	20
423	Merchant Wholesalers, Durable Goods	19
213	Support Activities for Mining	18
561	Administrative and Support Services	18
622	Hospitals	17
424	Merchant Wholesalers, Nondurable Goods	15
331	Primary Metal Manufacturing	11
441	Motor Vehicle and Parts Dealers	10
493	Warehousing and Storage	10
562	Waste Management and Remediation Services	10
811	Repair and Maintenance	10
445	Food and Beverage Stores	9
491	Postal Service	9
722	Food Services and Drinking Places	9
311	Food Manufacturing	8
326	Plastics and Rubber Products Manufacturing	8
484	Truck Transportation	8
541	Professional, Scientific, and Technical Services	8
339	Miscellaneous Manufacturing	7
22	Utilities	6
321	Wood Product Manufacturing	6
453	Miscellaneous Store Retailers	6
322	Paper Manufacturing	5
324	Petroleum and Coal Products Manufacturing	5
327	Nonmetallic Mineral Product Manufacturing	5
335	Electrical Equipment, Appliance, and Component Manufacturing	5
452	General Merchandise Stores	5
492	Couriers and Messengers	5
531	Real Estate	5
442	Furniture and Home Furnishings Stores	4
444	Building Material and Garden Equipment and Supplies Dealers	4

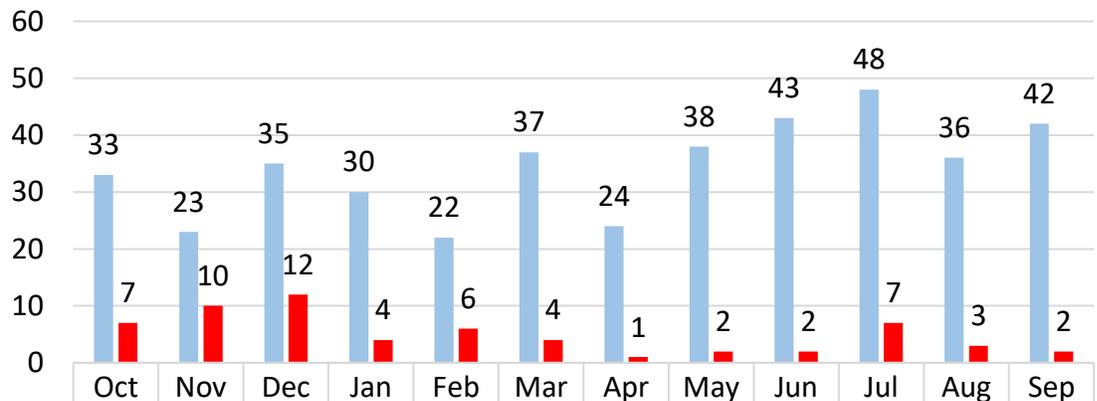
448	Clothing and Clothing Accessories Stores	4
517	Telecommunications	4
337	Furniture and Related Product Manufacturing	3
54	Professional, Scientific, and Technical Services	2
312	Beverage and Tobacco Product Manufacturing	2
482	Rail Transportation	2
483	Water Transportation	2
524	Insurance Carriers and Related Activities	2
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations	2
61	Educational Services	1
111	Crop Production	1
115	Support Activities for Agriculture and Forestry	1
313	Textile Mills	1
334	Computer and Electronic Product Manufacturing	1
336	Transportation Equipment Manufacturing	1
443	Electronics and Appliance Stores	1
447	Gasoline Stations	1
451	Sporting Goods, Hobby, Musical Instrument, and Book Stores	1
486	Pipeline Transportation	1
511	Publishing Industries (except Internet)	1
512	Motion Picture and Sound Recording Industries	1
532	Rental and Leasing Services	1
611	Educational Services	1
621	Ambulatory Health Care Services	1
623	Nursing and Residential Care Facilities	1
712	Museums, Historical Sites, and Similar Institutions	1
713	Amusement, Gambling, and Recreation Industries	1
924	Administration of Environmental Quality Programs	1

FY 18 Houston Area General Industry SIRs by Focus Four



	Caught Between	Other	Falls	Struck By	Electrical
FY 16	86	79	74	70	8
FY 17	109	64	68	88	4
FY 18	115	74	93	117	12

FY 18 Houston Area Month of General Industry SIRs v. Fatal Reports



Month SIR Reported	33	23	35	30	22	37	24	38	43	48	36	42
Month Fatal Reported	7	10	12	4	6	4	1	2	2	7	3	2

■ Month SIR Reported ■ Month Fatal Reported

FY 18 Houston Area General Industry SIRs by Event

SIR by Event	Incidents
Caught between stationary and moving equipment or objects	56
Fall on same level	43
Entangled in running equipment or machinery	35
Struck by falling object or equipment	33
Exposure to heat – environmental	26
Struck by blade/knife/sharp object	25
Caught between moving objects or equipment	18
Fall lower level ladder	18
Struck by flying object	12
Struck by powered vehicle	11
Struck by moving object or equipment	9
Fall lower level stairs	9
Fall lower level nonmoving vehicle	7
Fall lower level structure or equipment	7
Burns hot liquids	7
Body movement	7
Struck by tool	7
Fire vapors, gases, or liquids	6
Electric shock	6
Assault by other person	5
Exposure to harmful substances	5
Struck by rolling object or equipment	5
Caught between stationary and falling equipment or objects	5
Burns chemical	4
Insects, snakes, animals	4
Arc flash	4

Struck by swinging load or equipment	4
Fall lower level moving vehicle	3
Struck by	3
Burns	3
Struck by falling trees	3
Other/unknown	2
Electrical burns	2
Injection	2
Fall lower level roof	2
Pressure wave	2
Struck by collapsing structure, equipment, or material	2
Fall lower level	1
Caught between stationary equipment or objects	1
Explosion of vapors, gases, or liquids	1
Struck by shifting load or equipment	1
Explosion	1
Fall lower level building	1
Fall lower level elevator shaft	1
Fall lower level pit/hole	1
Laceration	1

FY 18 Houston Area General Industry SIR Narratives by NAICS

22 – Utilities

Arc flash

- An employee was checking voltage after restoring electrical power to a customer when an arc flash occurred causing second degree burns on the hands of the employee and was admitted to the hospital.

Electrical burns

- An employee was in the process of installing a shunt on a power transmission line. During the grounding process he contacted the ground and received 4th degree electrical burns on the left side of his body.

Fall lower level pit/hole

- Employee was working on an elevated deck portion of structure dismantling form work to move to another area. He was assisting another employee with bringing plywood to his level when he took a step back into a blocking area which was no longer supported by the decking scaffold in place. He fell through hole, hit the scaffold, and fell 15' to the ground breaking six ribs and puncturing his lung.

Fall lower level structure or equipment

- Employee was working from an electric distribution wood pole removing an electric conductor when the pole he was working from broke and fell 40' to the ground. The employee was utilizing fall protection and pole was rotten from the inside out. He was treated for broken ribs, broken left wrist and a lacerated liver.

Fall on same level

- Employee was pulling a wire while walking backward. The wire came loose and the employee fell over a tree limb and hit the ground landing on his back. He broke three ribs and collapsed a lung.

Struck by falling trees

- Employee was cutting branches of a tree that had landed on power lines causing a black out. Employee, along with the crew, attempted to perform a controlled roll for the limbs since the tree was quite large. Employee was engaged in cutting the wedge cut when tree and limb unexpectedly gave way, causing the limb to fall and roll over the employee. Later that evening he noticed that the pain had become more throbbing and was advised to go to the hospital where he was admitted for a broken Left femur.

54 - Professional, Scientific, and Technical Services

Exposure to heat – environmental

- Employee on a surveying crew was standing by the company truck. The party chief saw the worker squatting down and collapsed. Heat stress and contusion to head from falling down.

Struck by powered vehicle

- An employee was directing a truck towards the docks when another vehicle exiting the dock area struck him causing back and multiple body injuries.

61 - Educational Services

Fall on same level

- Employee tripped and fell while leaving for the day. She was 6 months pregnant and was required to stay overnight in a hospital due to stress put upon the baby.

111 - Crop Production

Explosion

- Employee was seriously injured when a pipe bomb that he was constructing at work blew up in his face causing severe facial swelling and blurry vision.

115 - Support Activities for Agriculture and Forestry

Insects, snakes, animals

- Employee was helping to conduct a prescribed burn on the forest. The employee had set his tool down to use the radio and communicate with others on the burn. When he reached down to pick up the tool, a copperhead snake hiding in the leaves bit him on the right hand on the index finger.

213 - Support Activities for Mining

Caught between stationary and moving equipment or objects

- Employee's left pinky finger was caught between pipe and a safety clamp amputating the tip.

Fall on same level

- Employee was stepping over a torque machine when he slipped and fell sustaining a severe laceration to the arm.

Struck by falling object or equipment

- The crew was performing repair work on a well. They were making up a polish rod onto a rod string and stuffing box. The box was 3" above a pipe wrench which was on the polish rod. The employee placed his hand on the pipe wrench and the stuffing box slipped down onto the employees left index finger crushing it between the wrench and the box resulting in amputation of the left index finger.

- Employee was pushing on the tree rig while putting on the wraparound. The lifting sub separated from the flange at the threads allowing the well head flange to drop crushing his right hand.

Burns hot liquids

- Crane operator was climbing the stairs on the coker unit to reach the crane cab. Contractor employees were cutting open a drum of coke at the same time. Crane operator sustained first degree burns to the face and second degree burns to the left wrist when he came in contact with pocket of hot steam and petroleum coke released from the unit.

Caught between stationary and moving equipment or objects

- Employee was rolling pipe and got his finger pinched between two pipes crushing his right index finger resulting in amputation.
- A forklift operator was in the process of emptying a self-tipping dumpster that was attached to the forks of a forklift. The forklift operator tilted the forks forward to help facilitate the dumping of the dumpster. The operator then got out of the cab of the forklift, walked to the side of the forklift mast and placed his left hand on the lower portion of the mast. The operator reached up with his right hand and disengaged the release lever on the back of the self-tipping dumpster, causing the dumpster to quickly shift forward. The resulting shift in weight of the dumpster caused the forks to swing back into the mast pinching his finger between the forks and mast amputating the tip of ring finger.

Entangled in running equipment or machinery

- Employee was operating a drill and had just finished drilling two holes in some square tubing. One of the pieces of square tubing was flipped over, and the employee was drilling a hole on the opposite side of the tubing. The employee reached in to grab shaving near the drill bit, and his glove was caught, pulling his left thumb in causing a severe cut and partial amputation.
- Employee suffered a right broken forearm when he tried to make a manual adjustment to the nylon wrapping machine and his hand was pulled into the machine and was caught between the part and the nylon being applied to wrap pipe for the oilfield.

Exposure to heat – environmental

- Employee was working with another employee, torqueing the manways on a tower. He came down around 2:30 pm due to weather condition and came back up around 3:30. Around 4:45 they finished the job. They came down and walked back to the lunch tent to rest when he started to vomit. He was taken to the front office for check-up and transported to the hospital for heat related illness.

Fall on same level

- Employee that was leaving work for the day and fell while walking across the building lobby breaking his hip.

Fire vapors, gases, or liquids

- An employee was bleeding down the pressure from a well to a vacuum truck and gas fumes ignited causing the employee to receive second degree burns to his hands and face.

Insects, snakes, animals

- Crew of employees were doing a site prep cleaning for an oil drilling rig. While lifting debris from the ground the employee got bit by a cotton mouth snake.

Laceration

- Employee received a water cut to his right knee/shin. He was using a water jet gun with hot water at 3000 psi. He reported that he only received an abrasion. He left the site and later called his employer from the hospital where doctors were performing tests to conclude that the employee received a water cut and possible flesh eating bacteria.

Pressure wave

- Employee was opening a valve at client's site and pressure blew him off the platform and he fell onto piping below fracturing his back.

Struck by falling object or equipment

- Employees using a forklift to lift a conveyor and the straps slid off the forks, the conveyor fell down on his leg fracturing the tibia and fibula.
- A cat-line was attached to a cable raising up the rig floor. While the employees were attempting to un-pin the floor to remove it, the cable snapped and the floor fell on the employee, striking him in the back and pinning him fracturing his spine.

Struck by flying object

- Employee was working at a remote job site delivering chemicals. When he had finished delivering chemicals at that location, he was hot and began having a headache. He thought he had some medication in his backpack. He was carrying a handgun in the back pack and he removed the handgun and placed it on the console of the truck. After checking his backpack he grabbed his handgun and it discharged into his left hand requiring surgery.

311 - Food Manufacturing

Caught between moving objects or equipment

- Employee was palletizing bags of salt and crushed the bottom of his right forearm when he reached under a guard and it was caught between two rotating pieces of equipment on a conveyor requiring skin grafting.
- An employee was operating a bagging machine, while sitting on a conveyor. He placed his hand under the guarding of the machine to pull the bag down and as he pulled the bag down with his left hand, he was using the right hand to turn off the machine and he hit the wrong button. The doors to the machine are used for guarding. The jaw clamp of the machine closed on his finger and doctors amputated his left index finger.

Caught between stationary and moving equipment or objects

- Employee was assisting with moving pallets when the forklift operator made a turn and pinned the employee's shoulder between the forklift and a pole fracturing his left arm.

Entangled in running equipment or machinery

- An employee was cleaning pump and product lines between runs. The cover of the pump was removed for cleaning and the pump was not de-energized and he had the tip of his left index finger amputated when he placed his hand near the rotating parts.
- Employee was pulling onions out of the onion washing machine with a paddle when his hand slipped out and his right thumb got caught in the rollers of the conveyor fracturing his right thumb.
- Worker was washing down a crumb machine with a water hose and reached behind a guard and contacted a rotating auger sustaining a partial amputation of the left middle finger.

Struck by blade/knife/sharp object

- Employee started to put on an arm guard and dropped it on floor. He reached down to pick it up and stuck himself with a knife puncturing his abdomen.

Struck by powered vehicle

- Employee was moving pallets of products around reorganizing warehouse. She lost control of the stand-up forklift and decided to jump out and was pinned between the forklift and a steel beam suffering a fractured pelvis and severe damage to the left leg, pinched arteries in the leg, and severe trauma to the lower extremities.

312 – Beverage and Tobacco Product Manufacturing

Fall on same level

- The employee was walking to a golf cart to get more tools for a job task he was doing. He felt a sharp pain in his lower leg and fell fracturing both lower leg bones.

Struck by powered vehicle

- Employee was picking orders when he fell off the electric power jack which then rolled over his foot fracturing his toes/foot.

313 - Textile Mills

Entangled in running equipment or machinery

- Employee was winding rolls of sorbent plastic material when one of the cores got stuck. They hit the core with the palm of her hand as instructed, to make it again, and her left hand got caught in machine. Crushed left hand causing bruising with fracture to middle finger and cut needing stitches to the end of the middle finger as well as some bone chipping to pinky finger.

321 - Wood Product Manufacturing

Burns chemical

- An employee was splashed in the face with caustic soda as he was filling a holding tank and was admitted to the hospital with burns to the face.

Struck by blade/knife/sharp object

- Employee was placing 33" bolts of wood into a three head trim saw with 2 blades in operation. Employee amputated the middle and the index finger on the left hand when he reaching into trim saw to adjust a crooked bolt of wood.
- Employee was disassembling wooden pallets and his left hand went into the rotating circular band saw amputating his left thumb and index finger behind the fingernail.
- Employee was using a table saw to cut wood stakes. The blade of the table saw pops up from below the table surface when a two hand control is actuated. The machine is designed to retract the blade back below the table surface once the controls are let go but for some reason the blade did not fully retract and the employee grabbed the cut wood and hit his right index finger on the blade partially amputating it.

Struck by falling object or equipment

- Employee was changing out a belt on a wood trimmer machine. The door of the trimmer was not latched, but was propped open and is very heavy. The door disengaged from the prop and struck the employee's left hand injuring it.

Struck by tool

- Employee was building a shipping crate using a nail gun and shot a nail into his left middle finger.

322 - Paper Manufacturing

Caught between stationary and moving equipment or objects

- Employee was moving rolls of paper back onto the conveyor (roll may weight up to 9000 pounds) when his little finger on his right hand was caught between two rolls amputating it up to the second knuckle.

Entangled in running equipment or machinery

- Employee was unjamming a grinder and when the grinder unjammed the blades moved and cut and broke his ring and middle fingers on the left hand.
- Employee was threading paper through a roller and when he attempted to remove a piece of paper his hand was caught in the roll pulling it into the machine amputating the right ring finger.

Struck by flying object

- Employee was trouble shooting an atomic absorption analyzer when it exploded. The analyzer uses acetylene and nitrous oxide. The employee was transported and admitted to the hospital with contusions to left arm, legs and lower left abdomen.

Struck by moving object or equipment

- Employee experienced a fracture to his right arm when lifting a basket of wood chips with a chain saw and two choker chains attached. One of the links broke in the chain hitting him in the arm causing an open fracture to the right forearm.

324 - Petroleum and Coal Products Manufacturing

Arc flash

- Employee moving a panel switch to the open position on a 480V MCC breaker when an electrical arc flash occurred burning his eyes, face, neck, and hands.

Burns hot liquids

- Employee was disconnecting a braided metal flex hose that was supplying air to a furnace for the de-coking process. A supplier sent an alternate feed to the furnace which required the furnace to remain online. The operator went to disconnect the flex hose from the furnace without bleeding the pressure off of the line and received second degree burns to the face and first degree burns to the torso from steam/hot condensate.

Caught between moving objects or equipment

- Employee lifted the lid to examine the glue cooling area of the machine to see if there was something wrong. Glue drops onto a conveyor and on the other piece of equipment, there are two pulleys, one is 4' and the other is 16" in diameter. When he lifted the lid that covers them it swung back and he raised his left hand to protect himself. In doing so, he lost his balance and tried to steady himself with his right hand by placing it on the belt. His hand was caught in the pulleys and when he pulled back, it caused an avulsion to right his ring, pinky and middle finger requiring hospitalization.

Caught between stationary and moving equipment or objects

- Employee was caught between two rail cars while they were being joined receiving internal injuries to the upper abdomen and the pelvis area.

Fall lower level

- The employee was making rounds for freeze protection checks in the unit and was walking down a ramp and slipped on an icy surface fracturing his left leg.

325 - Chemical Manufacturing

Burns chemical

- Employee was working alone performing maintenance on a pump. While pressure testing the equipment prior to returning the pump to service, he was splashed with 93% sulfuric acid on his thigh.
- Two employees were collecting a catalyst sample out of a tank and were splattered with the chemicals and were transported to the hospital for burns to their face and hands.

Burns hot liquids

- Employees performing troubleshooting actions on a reactor catalyst feed system which experienced tubing failure from the other side of the feed system resulting in a release of hydrocarbon products burning the two employees.
- Employee was cleaning out debris from a bag filter during maintenance and was struck by hot water that was trapped in the vessel. He received 2nd degree burns on the left forearm and abdomen area and minor burns on right arm.

Caught between stationary and moving equipment or objects

- Employee was part of a team conducting routine maintenance to move a large catalyst cartridge using a permanent hoist in the unit. The employee's task was to align flanges on the bottom of the equipment as it was lowered into place using the hoist. Another employee, with a radio, was positioned where he could see the placement of the equipment and the employee aligning the flanges to communicate with the hoist operator. The employee sustained a crushing injury to the fingers on both hands when the cartridge was lowered onto the support ring in the cartridge housing while the employee was gripping the support ring with both hands fracturing/amputating 8 fingers.
- Employee was using a scraping tool to remove resin from the bottom of mixer drop door. The door closed, getting ready to drop product onto the conveyor. The employee did not remove his hand fast enough and his hand was caught in between and/or pinched by the door. He received 2nd degree burns to his arm and a fractured arm.
- Employee was stacking 55 gallon drums and lacerated his middle finger when he lowered a drum and his finger was caught between the drums.

Electric shock

- A pharmacy technician received an electric shock in the clean room due to faulty equipment.

Entangled in running equipment or machinery

- Employee was reaching into a rotoformer to clean material build up off of a rotating belt. When he reached in his glove was caught by rotating parts and pulled his hand into the machine lacerating the palm of his right hand.
- Employee was cleaning a screw conveyor and he lifted a lid to clean underneath while the conveyor was in motion and got the tips of his index and ring finger amputated.
- Employee was sanding down a shaft with sand paper on a lathe and got his left middle finger and left index finger caught. The hospital stated they were going to amputate them.
- Employee sustained a partial amputation of the tip of the ring finger on the left hand when her hand was caught between the chain and sprocket while putting the chain back on the job made machine.

Exposure to harmful substances

- Employee was in the process of decontaminating equipment and boots and came in contact with possible chemicals causing cellulitis on his feet.

Fall lower level ladder

- Employee was coming down from a fixed ladder when he lost balance and fell to the ground.

Fall lower level structure or equipment

- Contractor and co-worker were installing structural steel. The contractor was in the process of traveling to the next level below, approximately 3', to an existing pipe rack when he lost his balance and fell lacerating the left side of his head and received a concussion.

Fall on same level

- A laboratory employee went around a corner and tripped over a box on the floor and fell on their right hip fracturing the femoral hip.

Fire vapors, gases, or liquids

- Operator in a unit was injured when a flash fire occurred on process equipment and he received 1st degree burns on the face and 2nd degree burns on the neck.
- A flash fire occurred in a process unit and twenty one contractor employees were transported to medical facilities for injuries.
- Employer was in the process of bringing one of the unit reactors back up. Employee was to drain water out of a reactor following a cleaning. He opened a low point bleed on the vessel and a flash fire occurred burning him on the hand and face.

Pressure wave

- Employee was doing mechanical work preparing to make connections from an exchanger to the process when there was a pressurized release of process material in the area where he was working and he sustained fractures.

Struck by flying object

- Employee was working the lab and was struck in the back by a piece of a stainless steel organic solvent container resulting in lacerations after it was over pressurized. The container had at least 200 pounds of pressure and was full of liquid nitrogen.

Struck by swinging load or equipment

- Helping to load wood crates in the bag boxing area the employee reached over the conveyor, perhaps to troubleshoot the strapping machine, and the machine swung over the employee and crushed him against the wood crate breaking five ribs.

326 - Plastics and Rubber Products Manufacturing

Caught between stationary and moving equipment or objects

- Employee was trying to clear a jam inside of a gravimetric blender loading hopper when the automatic hopper gate shut on his left index finger. The tip of his finger had to be amputated.
- An extrusion employee was letting air out of a shaft with his finger when a second employee engaged the roll handling trolley. The first employee's finger was pinched between the core of the roll and the shaft amputating the tip of the middle finger.

- A team was dismantling a machine for refurbishing which requires the machine to be disassembled in a specific order; extruder, core barrel, base plate and carriage. The injured employee was working on the extruder deck and he was holding the carriage as it was being lifted. As the carriage was being lifted, the whole assembly rolled forward once it cleared the shaft. The employee's finger was caught between the extruder deck and extruder base amputating the right index finger. The employee, who was new to the refurbishing team, had removed the carriage stop which was not supposed to occur until the last step.

Entangled in running equipment or machinery

- Employee was working on the lamination line when he saw some hardened resin on a roller. He used a tool to try and remove the resin, but his hand was pulled into the rollers amputating the right index finger.

Struck by blade/knife/sharp object

- Employee amputated tip of left middle finger with a utility blade when cutting excess plastic film that collected near the vacuum tube.
- A part wasn't coming through the guillotine saw cutter properly and instead of walking to the back of the machinery to check, he by-passed the guard. The blade on the guillotine saw cutter came down amputating his right index finger.
- Employee received a laceration to the palm of the left hand while cutting a piece of foam rubber on a bandsaw.

Struck by falling object or equipment

- An employee was attempting to position a 16' foam block on its side so it can be loaded onto a truck. Another employee was walking by when the block fell striking him knocking him to the ground causing a laceration to his face and a herniated disk in his neck.

327 - Nonmetallic Mineral Product Manufacturing

Caught between stationary and falling equipment or objects

- An employee attempted to catch a part after it fell from a horizontal lathe and his right hand was caught in between the part and the surface of the lathe smashing his right pinky finger.

Caught between stationary and moving equipment or objects

- Employee injured his right hip when a pipe machine he was trouble shooting accidentally cycled catching him in a pinch point.
- Employee was using a stand up reach forklift in the receiving department of the warehouse. He was unloading material and as the employee backed up the forklift he pinned himself between the forklift and a wall fracturing his pelvis and causing internal bleeding.

Entangled in running equipment or machinery

- Employee was performing a shift clean-up when his left arm was pulled into the rollers amputating his left arm below the elbow.

Struck by falling object or equipment

- A slab was being pulled by a clamp from an A-frame and when it was lifted, it hit the other slabs resting on the safety poles. Five to six quartz slabs fell from the A-frame striking the employee fractured his left knee.

331 - Primary Metal Manufacturing

Burns

- An employee was eating lunch while sitting too close to a space heater and his jacket caught on fire resulting in 2nd and 3rd degree burns on his back.

Caught between moving objects or equipment

- An employee was using an overhead crane to move a bundle of product. He put his hand on the hook and started to lift the load and had the tip of his left ring finger pinched off between the load rigging and the hook.

Caught between stationary and moving equipment or objects

- Employee was working on a broken limit switch, attempting to place the stop pin back in place when his right ring was compressed between the housing and stop pin amputating the tip.
- An employee was rolling a pipe by hand when his finger got caught between the pipe he was rolling and another pipe smashing the tip of the right pinky finger to a degree that it had to be surgically amputated.
- A maintenance employee was working on the back of a straight cut machine troubleshooting the lights of a sensor of a folding gate when he placed his right hand on the folding gate. The folding gate came down on his right middle finger amputating the tip of it.
- Employee was loading billet onto a roller that feeds an extruder. The billet got jammed and as he tried to unjam it he got his finger pinched by the billet. His right index finger will have to be amputated.

Entangled in running equipment or machinery

- An employee was pulling wire from a bobbin to correct a tangle in the wire. As the employee started the spooler to reload the wire onto the bobbin, the wire caught the employee's foot fracturing his ankle.
- Employee was milling a piece of aluminum with the end mill machine. Employee went to raise the drill bit up and didn't turn the machine off first. He was wearing a glove and the glove was pulled into the machine causing the fingertip of the right ring finger to be amputated.

Struck by blade/knife/sharp object

- An employee suffered a severe laceration to the left hand while using feed controls on a horizontal turret lathe when a metal shaving from the material being worked lacerated his hand between the index finger and the thumb requiring hospitalization and surgery to repair cut tendons.
- Employee was operating a saw cutting alloy steel bar. He panicked and tried to pull a piece out from the saw and cut the tip of his finger off.

Struck by falling object or equipment

- Employee was operating a press when a piece of metal slipped off of a casting and struck his left leg breaking it above the ankle.

332 - Fabricated Metal Product Manufacturing

Burns

- Employee was welding on a flange and his shirt caught fire burning his face, right hand, arm, and leg.
- Employee was working the taper position at the powder coating booth. As the pipe exited the powder coating booth, the employee attempted to remove the tape at the end of the pipe and his arm was pulled into the pipe as he attempted to remove the tape receiving 3rd degree burns to his left forearm.

Burns chemical

- The employee was blowing zinc on material being raised from the kettle. The wire rope holding the pipe broke and the material fell into the kettle splashing zinc on the employee causing 2nd and 3rd degree chemical burns to the neck, arm, shoulder and head.

Caught between moving objects or equipment

- Employees were inspecting and rolling 7" 29# casing on a flat rack, when an employee's right ring finger found itself between 2 joints of pipe that another employee was rolling into position. Employee had the finger smashed between the two pieces of pipe resulting in amputation.
- Employee was setting up pipes on a pipe rolling rack so he could coat the inside of the pipe with paint. He reached over a pipe to fix another pipe that was not sitting on the rollers correctly and he got the tip of right middle finger pinched between the pipe and the pipe roller partially amputating it.

Caught between stationary and falling equipment or objects

- Employee was un-banding a coil on the forks of a forklift. When the banding was cut, the coil fell forward and the employee was caught between the mast of the fork lift and the coil resulting in broken ribs, clavicle, scapula, and finger.
- Employee was operating a horizontal lathe when the piece being turned came loose. He tried to catch the piece and his hand was caught between the approximately 50 pound piece and the lathe causing lacerations and multiple broken metacarpals bones on the right hand.

Caught between stationary and moving equipment or objects

- Employee was trying to adjust a metal personnel door that had been installed on a building being assembled. The door was not closing properly. The employee was pushing on the outside bottom of the door trying to adjust the fit. Another employee was on the inside trying to help the employee. The door closed unexpectedly pinching the bottom of the employee's finger in the door jamb cutting off the flesh below the finger nail of his right index finger partially amputating the tip.
- Employee smashed the fingertips of his right middle and ring fingers while trying to lift a steel plate using an overhead crane. When they were caught between the steel plate and the steel block.
- Employee got his right hand caught between press and the fixture he was bending partially amputating the right ring finger.
- Employee was inserting a plug into a 12" valve when the tip of his gloved thumb got pinched between the plug and the body of the valve. Doctor is deciding on amputation.
- An employee was using a drift mandrel to check for the proper diameter inside a valve. The employee had the tips of his ring and middle fingers on both hands in machined holes on either side of the drift he was pushing into the valve. The drift got stuck so the employee tried pushing the drift harder. The drift broke free and went into the valve severing the tips of the employee's four fingers. They were able to attach the tip of the right middle finger.
- Employee was threading 7-5/8" diameter pipe. He activated the foot pedal while holding a piece of sand paper between the chuck and pipe amputating his middle finger on his right hand.
- Employee was adjusting a tilted piece of pipe that was being held by a gripper on a band saw. As he was adjusting the pipe, the gripper caught the tip of his right pinky finger between the pipe and gripper causing a partial amputation. Later the entire tip of the pinky finger at the nail bed was removed.
- Employee was in the process of replacing dies on an expanding machine and while doing so he smashed his left thumb.
- Employee was setting blocks of wood down for combi (a type of forklift) driver and a fork landed on his boot resulting in the amputation of the left big toe.

Entangled in running equipment or machinery

- Employee was measuring sheet metal to see if it was the correct diameter when his gloved hand was pulled into the roller machine severely crushing four fingers on his right hand resulting in amputation.
- Employee was operating the manual lathe in the machine shop resurfacing a solid shaft with an emery cloth. The emery cloth was caught by the shaft and his glove, cloth, and hand wrapped around the turning shaft breaking four bones in the left hand and his wrist.
- Employee was using sandpaper to remove tool marring from a stem that was on rotating manual lathe. The sandpaper snagged on a burr and pulled his arm around the piece being worked breaking his ulna and radius bone in the left arm.
- Employee was walking under a spool of coil tubing to assist another employee. He reached up and grabbed the tubing with his left hand and it was pulled into a pinch point between the tubing and a roller. He tried to get his left hand out of the pinch point using his right hand and then got his right hand caught. He suffered from multiple fractures and a laceration the hands.
- A temporary employee was one of several employees supporting an approximately 20' long rotating reaming device being run through the heat exchanger baffle plates to prepare them for tube insertion. Pipe sections of 1'-2' in length are used by slipping them over the reamer so that employees are holding the pipe while the reamer is rotating, which prevents contact with the rotating reamer. The employee in this case was only using a 2" nut instead of a pipe, which allowed his gloved hand to contact the rotating reamer at high speed. The high speed rotation caught the employee glove and rotated his middle finger off amputating it.

Fall lower level ladder

- Employee fell/jumped from ladder when an overhead door became unstable during a maintenance procedure on the torsion bar for one of the springs and fractured his right femur.
- The employee was descending the ladder of a scaffold when he misjudged the last step and stepped off the ladder too early. Attempting to catch himself, he grabbed for the ladder and his ring was caught, tearing the skin on his finger. The hospital decided to amputate the left ring finger.
- The employee was performing blasting work from an 8' stepladder. His foot or weight shifted, causing him to lose his balance and fall fracturing his right leg.

Fall lower level structure or equipment

- The employee was working on machinery at a height of approximately 15' and fell into a pit under the hydraulic press breaking his arm and ribs.

Fall on same level

- Gathering material for the assembly department he tripped and fell onto a metal a/c duct causing a serious laceration to the right forearm between the wrist and the elbow that resulted in surgery.

Struck by blade/knife/sharp object

- Employee was operating a straight cut saw in order to cut a frame. She moved her hand from the bar and the left thumb was partially amputated.
- Employee amputated the fingertip of the left middle finger while trying to move a thirty inch floor fan to redirect the airflow.

Struck by falling object or equipment

- Employee was measuring a hot forging using calipers and after doing so he turned to walk away. The forging came loose of the manipulator and hit him on the back of his left leg fracturing his ankle and burning his leg.

- Employee climbed on the roller bed of band saw to re-measure the next cut that he was going to make. The solid piece of steel (22x26"x7") that was previously cut was not removed and it fell on him and fractured his left ankle.
- Employee was handling carbon sheet metal plates and while doing so a pipe fell on him breaking his right leg and dislocating the right ankle.
- Employee was installing a bolt inside the counterweight to a tank suspended by a chain. The chain suddenly broke and the hand of the employee was stuck between the counterweight and the inner tank resulting in amputation of the left arm.
- Employee was cutting plates off of pipes and crushed his left index finger between a pipe and a guard resulting in a fingertip amputation without a bone loss.

Struck by flying object

- Employee was operating a CNC lathe as he polished a part. The part came off the spindle and struck the employee lacerating his forehead above the eyebrow and fracturing his left shoulder.
- An employee was using a press and the V-block cracked and shot out breaking his finger.

Struck by moving object or equipment

- Worker received a compound fracture to his lower right leg while moving a welding positioner when the weight shifted and arm came back down hitting his leg.
- Employee was working on a CNC machine when the part came loose inside the machine. The door of the machine stopped the part, however, the moving door caused the employee to fall off of the 15" inch platform and land on the ground breaking his collar and rib bones and a pulled his groin.

Struck by rolling object or equipment

- Employee was rolling a pipe to the end of a pipe rack so he could pick it up with a forklift. The pipe rolled over a chock and landed on his left foot breaking bones that required surgery to fix.

Struck by swinging load or equipment

- An employee was installing a motor onto an assembly using a bridge crane. The stabilizing bolt was removed and the motor swung and hit the employee face and chest and swung back again hitting him in the back. He received face, chest and back injuries.

333 - Machinery Manufacturing

Caught between stationary and moving equipment or objects

- An employee was bending metal using a press brake and got his right hand caught in between the metal and the press brake breaking four fingers on his right hand.
- Employee was fitting a welding key into a slot to join two pieces of iron that were on a work table. The key did not fit properly so he removed it to investigate. He placed his finger in the key slot when one of the pieces of iron shifted amputating the tip of his left middle finger.
- Employee's back and left hip were severely injured when he was caught between a core puller (hydraulic cylinder machine) and a quench tank.
- Employee was cleaning pipe rollers adjacent to a pipe threading machine when his hand got caught in between the pipe and the rollers amputating the fingertip of his right middle finger.
- Employee was changing the membrane for a reverse osmosis system. Somebody pushed the membrane into the tube, causing the employee to get his hand stuck between the membrane and the tube amputating right middle finger.
- An employee was clearing a jammed coil, when the die came down and crushed his left hand. The employee was transported to the hospital where his left hand was amputated.

- A temporary employee was working in the powder department and was working near a press. The punch process of the machine was not guarded. The temporary employee was running a compacting press and was instructed to stay in a certain area. He moved to the front of the machine and stuck his right hand inside while the machine was in a downward motion. The press compacted severing his right index finger.
- Employee was in the process of aligning the key-ways for the assembly of a bull gear with the crankshaft, when the tip of his right pinky finger was caught between the bull gear teeth and the gear teeth on the end of the pinion amputating it.

Electric shock

- Technician was installing a device in an AC vent. While resetting the sensor, he installed a screw which hit a 220 volt power cord that was underneath it. The two technicians received an electric shock and one was hospitalized.

Entangled in running equipment or machinery

- Employee was assisting a production line lead in applying caps to bottles of windshield washer fluid. This was being done manually on some bottles as the capper was not applying caps to all bottles. As the employee was placing caps on bottles, he was looking in the area where the chain and sprocket are located. It appeared that he saw a cap(s) that had fallen into this area. He attempted to remove the cap(s) by reaching over the guard and had four fingers amputated on the right hand.

Exposure to heat – environmental

- Employee was working on a drill rig floor repairing the draw works cabling system and was exposed to high heat due to the temperature outside and was treated for heat illness.
- Putting up hand held equipment at the end of the day the employee collapsed in the warehouse from possible heat related illness.

Fall lower level moving vehicle

- Employee was delivering a reach truck (forklift) to a customer. Employee was driving the truck up a ramp when the truck bottomed out causing it to roll down the ramp and ejecting the employee. Employee suffered neck injuries and was hospitalized.

Struck by

- Employee handling pipe suffered an amputation to the tip of his finger.

Struck by falling object or equipment

- The employee was manually flipping an 18" by 30" cross head guide that weighed 150lbs. The part landed on his right hand crushing the ring and pinky finger. Pinky finger stitched and ring finger amputated to the first joint.
- Employee experienced a crushing injury to two fingers on the left hand when he placed his hand underneath a steel part while it was being lifted. The lifting straps came loose and the 2100 pound part came down on his fingers.
- Employee was helping another fitter with a plate. He hit the plate with a hammer and the plate fell off of the clamps falling on his left finger breaking it.

Struck by flying object

- While using a horizontal wheel press to push the shaft out of a drum, a 2" nut being used as a "spacer" was ejected from between the piston and shaft of the drum striking the employees left arm in the bicep area fracturing the humerus.

Struck by powered vehicle

- Employee was operating a standup forklift and inadvertently ran into a parked forklift when turning a corner hitting his left ankle on the forks of the parked forklift causing an open fracture and dislocated ankle.

Struck by tool

- The employee was installing dunnage to secure a forklift for outbound shipment. In the process of standing up from a kneeling position the nail gun's trigger was caught in his work boot causing it to fire puncturing the employee's right lower leg.

334 - Computer and Electronic Product Manufacturing

Struck by moving object or equipment

- Employee was lifting a pipe approximately 36" long. The pipe slipped from the rigging, hit the floor and bounced hitting his lower shin area of the right leg fracturing it.

335 - Electrical Equipment, Appliance, and Component Manufacturing

Arc flash

- An employee was performing maintenance on 13.8 kV circuit load break switches in the MCC room and came in contact with energized equipment, suffering an 3rd degree arc flash burn injury from the shoulders to the head.

Body movement

- Walking out of the office, her leg gave out and she fell breaking her leg. Employee had a prior injury where the doctor had informed her that the leg could break a week before.

Entangled in running equipment or machinery

- Employee entered a HVAC unit to conduct troubleshooting and repairs. He shut off power to the HVAC unit but didn't LOTO or wait for the blower unit to come to a complete stop. When he entered he placed his hand on the box and the box slipped off and his hand contacted the pulley. His fingers were taken through the belt and pulley and he received cuts to middle and ring finger and lacerations and tissue damage to right index finger.
- The employee was cleaning a rotating piece on a lathe machine using an emery cloth. The employee's left glove finger got caught in the rotating part, resulting in partial amputation to the left pinky and a fracture to his wrist.

Fire vapors, gases, or liquids

- Employee was attempting to clean residual oil from a 4' X 4' plastic tote. He put approximately 1 quart of denatured alcohol into the tote and moved the tote to swish around the alcohol in the bottom of the tote. He dropped a cotton rag into the tote and there was a flash fire giving him flash burns to the left side of his face and neck.

336 - Transportation Equipment Manufacturing

Electric shock

- Employee was performing MIG welding on the bottom outside part of a vessel and he appeared to have received an electric shock possibly from a drop light and was admitted to the hospital.

337 - Furniture and Related Product Manufacturing

Struck by blade/knife/sharp object

- Worker was machining parts on a table saw and amputated two fingers on the table saw.

- Employee was using skill saw to cut cabinet doors. The saw kicked back and amputated his left thumb.
- Employee was assisting with the installation of routers into a table. Power to the router was not disabled and he accidentally hit the on switch and the router suddenly started lacerating his arm from the wrist to the upper forearm.

339 - Miscellaneous Manufacturing

Caught between moving objects or equipment

- Employee was using a small bending machine to bend a stainless 1/4" wide by 8' long metal rod into a circle. The employee was routing the material into the rollers and his fingers got caught in the rollers, resulting in partial amputation of the right middle finger.

Caught between stationary and moving equipment or objects

- Employee was loading the press machine for another run when another employee suddenly started the machine. His hand was caught in the press machine, fracturing the fingers on left hand.

Fall lower level stairs

- Employee had lunch and was walking back to the parking lot of the hotel he was working at and fell from the last step onto the parking garage breaking his left hip.

Fall on same level

- An employee was walking backwards while operating an overhead crane and tripped and fell over a pallet. His right elbow struck the frame of the crane fracturing it.

Struck by falling object or equipment

- The employee was trying to move a 500 pound mold for a vertical hydraulic press when the mold slipped and the employee tried to catch it. The mold crushed the employee's left hand resulting in the amputation of the tip of the left index finger and the left middle finger may need to be amputated.
- Employee was assembling truck wheels for tank cars. He was cutting banding straps from the side frame parts and when he cut the 2nd banding strap the side frames fell over on his leg below the knee fracturing it at the shin.

Struck by moving object or equipment

- The employee was operating a reach truck without a load inside the warehouse near the end of the shift. Employee attempted to turn left down the east aisle but the truck unintentionally turn to the right and he struck the wall receiving a compound fracture in the left leg with a severe laceration.

423 - Merchant Wholesalers, Durable Goods

Arc flash

- Employee was preparing to perform a load test on an Uninterrupted Power Supply (UPS) system. He was in the process of making the final connection between the customer's battery system and a string of temporary batteries when an arc flash occurred causing burns to both of his hands.

Caught between moving objects or equipment

- Employee was setting up a saw for cutting a round bar. He reached in to clean out the shavings with the left hand and accidentally hit the clamp button with his right hand. The clamp closed on his left hand partially amputating the left pinky finger and other fingers are trying to be repaired.

- Employee was unloading freight and was unfolding the lift gate deck extension behind the trailer. He got his hand caught in the fold of the lift gate deck extension causing a skin amputation on the left ring finger and a laceration to the left middle finger.

Caught between stationary and falling equipment or objects

- An employee was performing maintenance underneath a rail king unit when a stand failed causing the employee to be pinned by the rail king unit to the ground resulting in internal injuries as well as broken ribs and collarbone.

Caught between stationary and moving equipment or objects

- Employee was setting a work piece into a manual lathe. While maneuvering the work piece using an overhead crane, his finger was pinched between the machine chuck jaws and the work piece severing the fingertip.

Electric shock

- An electrician was working on electrical equipment in the motor room. He received a shock and burns burned his hands.

Entangled in running equipment or machinery

- Operator's left pinky finger was partially amputated when his glove was pulled into a spinning belt.
- Employee was exiting the stacker and walked around to the operator side. He put his hand on a moving shaft and it caught his arm and pulled it back towards him breaking the left forearm.

Exposure to heat – environmental

- The employee was on a site making a delivery and his truck got stuck in the sand. He tried to work to get the truck unstuck and felt light headed. He needed a ride to the home office and his wife took him to the hospital and admitted for dehydration.
- Employee was unloading a trailer of freight into a store and became dizzy and took a break. While drinking Gatorade in the shade he immediately vomited and shortly after passed out. Admitted to the hospital for heat illness.

Fall lower level nonmoving vehicle

- Employee was making a delivery and he entered the box truck to move pallets around. He was using a hand truck to help move the pallets. The hand truck, while rolling, became stuck to the floor, which caused the employee to lose his balance, and he fell 48" off the back of the truck striking the concrete striking his face/head sustaining subdural hematoma and a fractured clavicle.

Fall lower level roof

- Employee was delivering shingles to customer on the roof of a house under construction and fell off the roof landing 12' to the ground.

Fall lower level stairs

- Employee was climbing stairs in the mechanic shop. Stairs were slippery from rain and he fell and landed on his left leg lacerating it on metal strapping at the bottom of the stairs.

Fall on same level

- Employee was walking around a pallet that was on the floor and their shoe lace caught on the corner of the pallet, causing the employee to trip and fall to the floor fracturing his right femur.

Injection

- An employee was making repairs to a cylinder on a crane. When the hydraulic line was removed, the pressure in the hose blew and cut the employee's left hand. The employee was taken to the hospital where was admitted for surgery.

Other/unknown

- Employee was driving around the warehouse on an order picker. He started experiencing lower back pains and was hospitalized.

Struck by blade/knife/sharp object

- Employee was trimming a block of foam insulation with a bandsaw. His hand was too close to the blade and the tip of his right thumb was amputated just above the finger nail.

Struck by flying object

- Employee was trying to unjam the machine. When the employee opened the guard something flew out (aluminum part of a can) and struck his left middle finger amputating the fingertip.

Struck by rolling object or equipment

- Employee was using a tractor to drag the lumber yard. When he got off the tractor to move an object, he put the tractor in neutral instead of using the emergency brake. The tractor rolled forward and struck the employee's right leg fracturing it.

424 - Merchant Wholesalers, Nondurable Goods

Caught between stationary and moving equipment or objects

- An employee was getting ready to leave the store and felt a pinch in his left middle finger while pulling up the lift gate on his delivery truck. He pulled his finger back and saw that he was missing part of his middle finger.

Electric shock

- The employee was standing on a pallet while being lifted by a forklift with wire cutters to change out a light fixture. He cut into a live wire which caused him to loss balance and fall 20' onto the pipes below. He received a head and shoulder fracture and burns to the fingers on left hand.

Entangled in running equipment or machinery

- Employee in the grinding room reached his hand into a meat grinder to clear debris form the cutting area when another individual turned the machine on amputating his fingers at the first knuckle.

Exposure to harmful substances

- An employee was hospitalized and 37 employees treated due to inhalation of carbon monoxide.
- After filling a tank of chlorine, the operator attempted to unhook fill line before shutting the container valve. He was able to quickly close the valve to stop the release, but breathed enough chlorine vapors to cause difficulty breathing.

Fall lower level elevator shaft

- An employee was moving a load of chicken on a rolling rack into a freight elevator. He opened the door of the elevator and began to push the rack into the elevator. He didn't notice that the limit switch on the elevator was

not working correctly. The rack and the employee fell 16' down the elevator and was hospitalized with possible broken ribs, lacerations on back and left side of head above his ear.

Fall lower level ladder

- An employee was putting merchandise on the shelf and stepped off the two step ladder onto a box and fell, breaking her left hip.
- Employee was filling a generator on a mounted semi-trailer. The fill port was on top of the trailer which is accessed by a ladder attached to the back of the trailer. He was trying get a fitting loose to fill the generator and as he was pulling the fitting he lost his balance and fell 6' off of the ladder fracturing his ribs and getting concussion.

Fall lower level moving vehicle

- A forklift operator was transporting a product and there was not enough overhead clearance. The equipment hit the door, ejecting him and causing a fracture of his fibula and dislocation of his ankle.

Fall on same level

- Department store worker lost her balance and fell as she turned toward a customer to answer his question breaking her right hip.

Insects, snakes, animals

- Employee was servicing a residential propane tank and when he reached down to pick up a tool he was bitten by a copperhead snake.

Struck by

- Employee operating a forklift ran into a board that was sticking out into the passageway which struck his leg breaking his femur.

Struck by blade/knife/sharp object

- Employee was hospitalized after receiving a laceration to her right hand from the blade on a fruit peeling machine.

Struck by powered vehicle

- Employee dismounted his machine and was on the warehouse floor about to pull an order when he was struck by a pallet jack pulling orders.

Struck by swinging load or equipment

- The wind caught the transport door blowing it into the ramp which knocked the employee off the ramp onto the concrete parking lot hitting his head and requiring staples to be placed in his scalp.

441 - Motor Vehicle and Parts Dealers

Entangled in running equipment or machinery

- Employee was troubleshooting to find a squeaking noise beneath a conveyor in the shipping area. He tried to stop the squeaking noise by tapping on a bad bearing and his right hand was pulled into the rollers and frames fracturing it.

Fall lower level ladder

- EE was pulling parts off a shelf while standing on a 12' ladder. Two boxes were stuck together and he pulled real hard and when they gave way he lost his balance and fell, receiving contusions on his head, left hand, and left elbow.
- An employee was hanging banners at a community event and fell off a ladder receiving a contusion on the pelvis and stitches between his middle and ring fingers of his left hand.
- Employee was retrieving new brake pads for the customer from a storage self and fell off a ladder striking his leg and shoulders breaking his left ankle and shoulder.

Fall on same level

- Employee walking across the work floor slipped on a knee mat and fell hitting his head hit the concrete floor causing bleeding inside of head.
- The employee was walking near the exit door with tripping hazards on the floor when he fell fracturing his right hip.

Fire vapors, gases, or liquids

- An auto mechanic working on a car sustained 3rd degree burns to 50 % of his body when a spark ignited the gas tank of the car he was working on.

Struck by blade/knife/sharp object

- Employee was removing a window tint film using a long handle razor blade and as he was entering the car he stumble, and the handle of the razor blade caught against the seat with the razor facing out cutting his leg above the knee.

Struck by falling object or equipment

- Employee was assisting a customer with his car. He looked underneath the car and noted that the car was not setting correctly on the jack. Shortly afterward the tire fell onto his left hand fracturing it.

Struck by tool

- Employee was working on a vehicle, cleaning a valve cover gasket and stabbed himself in the left hand with a pick perforating his left hand.

442 - Furniture and Home Furnishings Stores

Caught between stationary and moving equipment or objects

- Employee amputated part of his pinky left finger when it struck a metal rack as he was elevating himself in an electric lift ladder to retrieve merchandise. The employee had his hand outside of the protective railing when it struck the rack. He had surgery on the finger but it was not reconnected.

Fall lower level ladder

- The employee was up on the ladder grabbing a rug off the shelf when his hand slipped and he fell down the ladder fracturing his right ankle.

Fall lower level structure or equipment

- Employee was conducting a product inventory when he fell approximately 5' from an order picker. The employee unhooked his fall protection to reach a higher level. When he stepped on to the platform to read a label he miss-stepped and fell to concrete floor below him fracturing five ribs.

Other/unknown

- Employee passed out and hit her head on a locker in the break room.

443 - Electronics and Appliance Stores

Exposure to heat – environmental

- An employee working as an audio equipment installer had an existing open wound on his leg which was exposed to dirty car seats during installation work. The wound became infected he was also treated for heat exhaustion.

444 - Building Material and Garden Equipment and Supplies Dealers

Entangled in running equipment or machinery

- Drilling hole in wooden mat when their glove was grabbed by countersink piece of the drill bit pulling his right arm causing multiple fractures of upper and lower right arm.

Fall lower level nonmoving vehicle

- Employee was unloading windows from the back of a flatbed truck when he fell off the truck and the windows landed on his right lower leg fracturing it.

Fall on same level

- Employee was walking in the rebar shop and fell suffering contusions to his face and injury to a vertebrae in his neck.

Injection

- Employee was using an air and water hose to air up a bicycle tire. Employee placed hand over nozzle to prevent the water from squirting out. Air got into the hand of the employees causing injuries to the right hand and forearm requiring surgery to have tubes placed to drain his hand.

445 - Food and Beverage Stores

Caught between stationary and moving equipment or objects

- Truck driver was doing a delivery and as he approached to close the dock rolling door his left ring finger got caught between the rolling door and the metal plate ramp amputating it.

Entangled in running equipment or machinery

- Two of the employee's fingers were pulled in and crushed while attempting to unjam a meat tenderizer.

Fall on same level

- Employee was mopping the floor and fell sustaining a broken right hip.
- Employee was stocking meat items and dropped a package of meat. He reached to pick it up while resting one hand on a shopping cart. The shopping cart rolled and he fell fracturing their upper right femur.

Struck by blade/knife/sharp object

- Employee was cutting pork loin chops on the bone-in band saw when the bone slipped from his grip and his right index finger to hit the saw blade. When he pulled his index finger back, the saw caught his middle finger in the blade cutting it diagonally from the top joint upwards to the tip of the finger and causing a soft tissue avulsion of the tuft of the index finger.
- Employee was in the process of slicing boneless round steaks on a meat band saw when he amputated the finger tip of right index finger.

- Employee was in the process of cutting bone-in rib eye steaks with a band saw when the meat moved and he amputated his left hand index and middle finger.
- Employee was cutting meat using the band saw and cut the bottom tip of right index finger below the nail resulting in amputation at the hospital.

Struck by falling object or equipment

- Employee was working on a hydraulic dock leveler at the loading dock door when the lift fell and struck him on the head/neck fracturing the C5 vertebrae.

447 - Gasoline Stations

Fall on same level

- Employee was pressure washing the sidewalk when he tripped and fell on the hose.

448 - Clothing and Clothing Accessories Stores

Caught between stationary and moving equipment or objects

- An employee was placing plastic film on top of a textile baling machine when the baler was activated. The top plate began to compress the clothing and the employee's hand was crushed.

Fall on same level

- Employee was walking and tripped on a bag handle that was sticking out and fell breaking her left hip.
- An employee working at the register tripped over a cord and fell, fracturing her right hip.

Struck by moving object or equipment

- Employee was loading carton boxes into an oversea container and needed to inflate airbags to be placed between carton boxes. While inflating an airbag, the employee discovered that the air compressor motor belt was not moving. He used his left index finger to try to move the belt before disconnecting the power. The sudden movement of the belt lacerated the top part of left index finger.

451 - Sporting Goods, Hobby, Musical Instrument, and Book Stores

Struck by powered vehicle

- An employee was operating a rider pallet jack and had picked up a load and was turning the pallet jack sharply. This caused the pallet jack to increase speed throwing the operator into a support beam pinning her in between. While she was trying to get un-stuck, she accidentally hit the accelerator causing the pallet jack to strike her again and suffered laceration to the right leg, pelvic fracture, and fracture to the L5 vertebrae.

452 - General Merchandise Stores

Body movement

- Employee was attempting to make a 180 degree turn with a stand up forklift to pick up a pallet up from the opposite end turned too sharply and at excessive speed that and he was ejected from the forklift striking a horizontal shelving support fracturing the lower back and separating his pelvis.

Fall lower level stairs

- The employee was working from the top of a stock cart, stocking items. She turned around and began descending the cart, not facing the cart, when she slipped and fell striking her back on the steps of the cart breaking her ribs.

Fall on same level

- The employee had just finished consulting at the pharmacy with a customer and was walking toward the back and tripped on the corner of a mat and fell forward. She landed on her right side and sustained a fracture of the femoral head.
- Worker fell while handling shopping carts breaking his pelvic bone.

Struck by powered vehicle

- Forklift came in contact with an employee's left foot causing a partial amputation of the big toe.

453 - Miscellaneous Store Retailers

Assault by other person

- Employee was standing and talking to the customer when they were kicked in the stomach and slapped them. Employee was six months pregnant.

Fall lower level structure or equipment

- An employee using a step stool slipped and fell fracturing her right wrist.

Fall on same level

- Employee tripped and fell on broken concrete lacerating his chin which later became infected and he was hospitalized.

Insects, snakes, animals

- Employee was grooming a dog and the dog got upset and bite the employee on twice on left wrist and left hand under her little finger. The wound became infected and she was hospitalized.

Struck by falling object or equipment

- Employee was stocking the material and the material fell on her legs, causing laceration. The laceration then became infected and the employee was admitted to the hospital.
- Employee was repairing a bolt on the back of the truck. He cut the bolt and the lift gate fell on the thumb and index finger of his left hand lacerating the index finger.

482 - Rail Transportation

Burns hot liquids

- Employee was welding and removed the slag pan. He stepped across the rail and down the ballast section to dump the slag from the pan. The slag slipped out of the pan and into a ditch with water adjacent to the tracks, resulting in an explosion and he received 3rd degree burns.

Struck by powered vehicle

- Employee was working on the front of a group of railcars being moved with a locomotive. An 18-wheeler cross the intersection and hit the front rail car breaking his ankle and wrist and injury his leg and arm.

483 - Water Transportation

Body movement

- An employee strained his back lifting a truck tire.

Caught between stationary and moving equipment or objects

- Employee was removing the jockey bar pins and the supervisor told the employees he was fixing to turn the rudder with the forklift. Supervisor went down the gangway and started operating the forklift. He started turning the rudder and co-worker yelled at him to stop. An employee had their right hand was on the rudder stop and the tiller pinched his right middle, ring, and little fingers amputating them.

484 - Truck Transportation

Caught between moving equipment or machinery

- Driver was making a delivery to a hotel and was closing the door to a freight elevator. The door came down faster than he expected and caught his left hand between the 2 metal doors fracturing his left index finger.

Caught between stationary and moving equipment or objects

- Driver had a helper coworker open his trailer doors and he stepped to the side. The coworker began talking with someone and was distracted and leaned into the path of the trailer backing up and he was caught between the dock door and trailer breaking his femur.

Caught between stationary equipment or objects

- Employee and two others were positioning a jack stand. While moving the jack stand, he placed his left hand between the edge of the stand and a parked trailer lacerating the palm of his hand.

Exposure to heat – environmental

- Employee was helping to move rail cars using locomotive. He been only working for 1 1/2 hours and starting feeling dizzy and light headed.

Fall lower level nonmoving vehicle

- An employee was climbing down the side steps of a tractor trailer. He missed a step and fell to the concrete and sustained hematoma of the brain.
- Employee was standing in the rear section of the lead trailer that was hooked to another trailer. He was attempting to identify a shipment that needed to be off-loaded. He stepped down out of the trailer and fell backwards and his right knee hit the tongue-side of the dolly 13.75 inches below and then he fell another 34.50 inches to the ground suffering fracturing both knees and injuring the tendons in both knees.

Fall on same level

- Employee was unhooking a tractor trailer in the parking lot and he fell and was impaled by a piece of rebar.

Struck by falling object or equipment

- Employee was removing tie straps off the freight in a trailer. He turned his back and the securement stand slipped off the trailer, striking him in the back fracturing two discs.

486 - Pipeline Transportation

Struck by shifting load or equipment

- EE was cutting bands around a bundle of pipe. When the last band was cut, the pipes shifted and one struck his right shin causing three fractures to the right tibia.

488 - Support Activities for Transportation

Body movement

- Employee was hospitalized for a pulled groin caused by attempting to move a large warehouse door.

Caught between moving objects or equipment

- Employee was unloading a crane from a vessel. He is was on a man basket approximately 75' from the ground taking the pin off the shackles when his thumb got caught between the shackles of the crane partially amputating the tip of the left thumb.

Caught between stationary and moving equipment or objects

- Worker was loading containers onto a vessel and was attempting to put on a twist lock on a 20' container. He received a partial amputation of tip of right thumb when he got his thumb was caught between the container side wall and an outside corner casting of the container.
- Employee was using a tractor tug to move equipment. The employee dismantled the tug to hook up a bobtail cargo truck. The employee left the tug running and did not put the shifter all the way in neutral. While he was in between the tug and the cargo truck, the shifter popped out of neutral and ran into the employee pinning him and causing deep lacerations to both of the employee's shins.
- Employee was unloading and stocking boxes of tile onto shelves. He placed a box onto the shelf and pinched a section of his index finger amputating the bottom section of the finger underneath the finger nail to the first joint.
- Employee was using a forklift to empty a trash bin into a larger trash container. The employee dismantled the forklift to open the trash bin's door. When he opened the door the release of the trash made the bin bounce on the forklift forks and his hand resting on one of the forks had the tip of his left index finger pinched off.

Entangled in running equipment or machinery

- Employee was placing a bag on the bottom of a dust collector. The rope securing device became entangled around the employees left thumb causing laceration and amputation above the first joint.

Exposure to heat – environmental

- Employee was working inside ship hatch discharging pipe. Employee was removed from hatch by a man basket and brought to office to cool down and was provided small doses of water to help with hydration. After about 90 minutes of being in the cool office and drinking small doses of water, employee stated that he felt the cramping was getting worse, including his back, so was transported to the hospital for dehydration.
- Worker was laying 4x4 dunnage on the ground to set cargo. He felt light headed with stomach cramps and blurred vision. Hospitalized for heat exhaustion.

Fall lower level ladder

- Employee on a vessel slipped and hit his head going down the steps of an angled ladder. He sustained a cut to his head and a scraped elbow.
- Employee was going up a ladder with equipment. He fell approximately 4' and landed on his feet, lost his balance and fell backwards, and hit his head on concrete ground fracturing his skull.

Fall lower level nonmoving vehicle

- Employee was walking on the top of the back of his flatbed trailer where he had just finished securing a load. He tripped on the top surface of the flatbed trailer and fell to the concrete slab approximately 3.5' and fractured his right scapula, right clavicle, and several ribs.

Struck by blade/knife/sharp object

- While attempting to re-position the strap on a bundle of pipe, the employee's head struck the mill cut end of the pipe, resulting in a laceration near the eye.

Struck by falling object or equipment

- Employee was closing the business front gate and as he was closing the gate it came off the rollers and fell on top of him fracturing his pelvis.
- A welder/fitter and another employee were performing scrapping work on land. The welder/fitter cut a 2" lip in the pipe for a later cut. The 2" lip failed causing the structure piping to fall and hit the employee, causing him to fall. He landed on his left foot breaking two toes, right shoulder strain, and two right side ribs broken.
- While stripping a container the employee signaled to boom down and the extension got caught on bracing material. While retrieving the strap, the extension slipped off the bracing material crushing his left hand.
- Employee was operating a forklift in order to pull a load of wood pulp from a three-high stow in a warehouse. The operator grabbed a load from the stack with the clamp and was backing out but had his wheels turned. An adjacent bundle was stowed in such a way that its edge overlapped with the load being handled. As the load was backed out, it pulled the adjacent bundle, causing it to fall against the forklift mast tipping the forklift over. The employees left forearm was lacerated and his left leg above left ankle was crushed requiring amputation.
- An employee was loading a truck with pipe. He removed one of the supports that was holding the tier of pipes in position and one of the pipes fell hitting him on the left leg breaking it.
- Employee was demolishing the fiberglass blade of a large windmill with an excavator when a piece of the blade broke off striking the operators cab and pinching his leg between the seat and controls bruising his leg.

Struck by moving object or equipment

- Employee sustained a fracture to the lower left leg while assisting to connect/disconnect a dolly when the tongue did not disengage properly and hit his leg.

Struck by powered vehicle

- Employee drove the forklift over to the shrink wrap machine. Employee got off the forklift to fix the shrink wrap machine but did not put the forklift in park. The forklift rolled into him employee breaking bones in his right foot and leg.

Struck by rolling object or equipment

- Employee was breaking out pipe on a ship and was lifting one side of pipe and putting a strap underneath it. As they were about to break it out, one end of the 6"x40' pipe joints slipped out and the pipe rolled towards the employee fracturing his left leg above the ankle.
- Employee was taking inventory of a piece of round bar when a round bar sitting on an incline, gained momentum, and rolled off storage timbers striking his legs fracturing the right and left tibia.

491 - Postal Service

Entangled in running equipment or machinery

- Employee was cleaning a belt jam on a conveyor belt and his right jacket sleeve got caught in the tail guard resulting in cuts and abrasions to his right arm.

Exposure to heat – environmental

- Employee came off deliveries to the office and was drinking Gatorade. He started having symptoms of dizziness, shortness of breath, sweating profusely and heart racing and was taken to the hospital for possible heat related illness.

- The A/C was not working and the facility was also having electrical problems. The power company had shut off power to fix the issue which caused the facility to become hot. A worker became overheated and was taken to hospital. Suspected heat exhaustion.
- A carrier threw up on her way back to the postal station and her husband picked her up and took her to the hospital where she was admitted for a heat related illness.
- Employee complained of severe cramps after completing mail carrying route and was admitted for dehydration.
- Employee was delivering mail and suffered heat exhaustion.

Fall on same level

- Carrier exited their vehicle and went around the mail truck to open the back and slipped in some mud breaking her right foot.
- Employee was delivering the mail and parked the mail truck in a parking lot. As she was stepping out her right foot slipped in a puddle and she broke her right ankle.

Struck by flying object

- Worker was scanning parcels outside of a delivery address when an axle broke on car riding on freeway and the tire flew off the vehicle hitting him causing a broken nose, broken ribs on both sides, and broken vertebrae.

492 - Couriers and Messengers

Exposure to heat – environmental

- Employee was delivering packages. While on the phone with his supervisor he said his leg was cramping up and he did not feel well. The supervisor later found him sitting next to the delivery truck, suffering from heat stress.
- Employee overheated, lost consciousness, and was admitted to hospital for dehydration.
- A new employee was doing his role as driver. Toward the end of the day, he started feeling hot. When he arrived home, he experienced muscle cramps and started to vomit. Went to the ER and was treated for dehydration.

Struck by powered vehicle

- A supervisor went inside a truck trailer while it was being loaded by a forklift. The forklift operator did not see the supervisor and turned the forklift in a way that crushed his left hand in between the forklift and the side wall of the trailer.

Struck by rolling object or equipment

- A seasonal employee was making a sharp U turn while driving golf cart. He stuck his left foot out of the cart, intending to prevent the cart from tipping over and broke both bones in his left leg.

493 - Warehousing and Storage

Body movement

- Employee was transferring boxes from pallet to conveyor. He complained of stomach pains and left work. His pain increased and he went to hospital and was admitted to the hospital for hernia surgery.

Caught between stationary and moving equipment or objects

- Employee was riding on a barrette machine and caught his foot in between the equipment and the wall fracturing and lacerating his right foot.
- Employee attempted to pass another employee who was on a standup forklift moving product. As the forklift operator started making a left turn, the back end of the forklift swung out pushed the stand-up forklift into the rack and the operators left calf got pinched between the rack and motor cover causing an avulsion to his left calf.

Entangled in running equipment or machinery

- Employee attempted to adjust a misaligned belt while it was running and his glove was caught, pulling his hand into the running belt pinch point. Surgery was needed to repair damage to his right index and middle fingers.

Fall on same level

- Employee walked across the parking lot at the warehouse to speak to a truck driver. He slipped on a patch of ice and fell backwards striking his head on the concrete.
- Employee opening the overhead door to a personal storage unit when he slipped on the rainy surface sprain his right ankle, knee and shoulder.

Struck by blade/knife/sharp object

- Employee was attempting to disengage a seal to remove a ready-to-rent tag on a self-storage unit. As the employee was tugging on the seal, the seal popped up and punctured deep into the base of right thumb and the seal had to be surgically removed.

Struck by collapsing structure, equipment, or material

- Employee was standing and checking an order being pulled for shipping when a stack of finished product toppled over and struck him on the hip and leg knocking him to the floor fracturing his left femur.

Struck by falling object or equipment

- Employee sustained an amputation of tip of pinky finger on the left hand when a piece of steel he was moving fell off a crane hook landing on his hand.

Struck by flying object

- A yard driver had used a yard mule to park a trailer and was pulling away from the trailer he dropped. He forgot to close the rear door of the cab, and also did not disconnect the air line that runs between the yard mule and the trailer for brakes. As the cab pulled away from the trailer, the brake system air hose separated and snapped back through the open rear door, striking the driver in the forearm distally near the wrist fracturing the radius and ulna in the right forearm.

511 – Publishing Industries (except Internet)

Entangled in running equipment or machinery

- Employee was cleaning a printing press after a run. While he was cleaning his finger got stuck in between the equipment crushing his middle finger on the left hand resulting in partial amputation.

512 – Motion Picture and Sound Recording Industries

Body movement

- An employee and a coworker were lifting pieces of a stage and stacking them on a cart when he felt a sharp pain in his back and collapsed onto his side.

517 – Telecommunications

Exposure to heat – environmental

- A technician while began feeling heat exhaustion and decided later that evening to go to the hospital where he was later admitted for heat stroke.

Fall lower level ladder

- Employee fell off of a ladder while checking a signal (line maintenance) receiving two fractured right upper ribs and a fractured jaw.
- Employee was removing an existing aerial wire by using a ladder and fell 16' off the ladder breaking his arm, toe, ankle and left knee.

Fall lower level roof

- Employee used an extension ladder to access the roof and slid off of the roof to the ground fracturing his elbow and breaking ribs on left side.

524 - Insurance Carriers and Related Activities

Exposure to heat – environmental

- Employee was inspecting the roofs and was exposed to high temperatures throughout the day. He did not feel well throughout the evening and then went to the emergency room. Possible heat related illness.

Fall lower level ladder

- Employee was in transition from the ladder to the roof of the residence and fell, landing on his head suffering a brain injury.

531 - Real Estate

Caught between stationary and moving equipment or objects

- Employee was moving a sofa down a staircase when his finger was caught between the hand rail and hand truck component amputating the tip of the right index finger.

Explosion of vapors, gases, or liquids

- The employee was on the ladder trying to locate gas leak at an apartment complex when an explosion occurred causing 2nd degree burn injuries.

Fall lower level stairs

- Worker was checking a/c units on the roof when he slipped coming down the roof access stairs and sustained a slipped disk in the back.

Fall on same level

- An employee was leaving work and fell hitting her head fracturing her skull.

Struck by flying object

- Employee was in the process of throwing away a toilet bowl and it slipped and fell onto the floor causing the ceramic pieces to ricochet into his right forearm causing lacerations.

532 - Rental and Leasing Services

Caught between stationary and moving equipment or objects

- Employee was putting a blade attachment on a bobcat mini excavator. He stuck his finger between the hole and the rack and it slipped, hitting his finger and amputating the tip.

541 – Professional, Scientific, and Technical Services

Caught between stationary and falling equipment or objects

- Two employees were lifting a valve into place. They lost control of the valve, and one of the employee's finger got pinched as he tried to catch the valve partially amputating the left ring finger.

Caught between stationary and moving equipment or objects

- Employee was using a pallet jack to transport a pallet of food when he collided with another pallet jack operator pinning his right ankle between a rack and the pallet jack causing a fracture to the right ankle.

Exposure to heat – environmental

- Employee walked for quarter of mile on foot escorting oversized loads and as he got back into his vehicle he started having severe cramps and abdominal pains. Heat related illness.

Fall lower level ladder

- The employee was setting a projector from a ten' A-frame ladder and fell fracturing his pelvis and lower vertebrae.

Fall lower level stairs

- Employee was coming down the stairwell and was using the handrail when another employee started up the stairwell. As the first employee was crossing over to the other side of the stairwell, she slipped and fell, landing on her wrist and backside suffering a collapsed vertebra and fracture of left radius.

Fall on same level

- Employee was walking through the coffee bar area and slipped on a slippery substance on floor and fell fracturing her right femur and left elbow.
- Employee was assisting a contractor to close a barbed wire gap. While attempting to close the gap, he walked backwards on the construction mats that had been placed there that morning and stepped in a hole between the mats that are normally filled with sand. He fell backwards landing on his right hip Fracturing his right hip/femur.

Struck by falling object or equipment

- Employees were in the process of disassembling a blowout preventer (BOP). During the process one of the employees reached down toward the bottom of the BOP to investigate a blockage when the 500 lb BOP part dropped onto the employee's right arm between the wrist and elbow lacerating and fracturing his arm.

561 - Administrative and Support Services

Caught between moving objects or equipment

- Employee overseeing a wire run through a machine when it became tangled in the machine. The employee tried to help and was grabbed by the wire amputating the top of his left thumb.
- Employee was hooking up a forklift that was to be load in a vessel. The foreman signaled the crane operator to start the lift and the workers left ring finger got caught amputating the tip.
- Employee was cleaning debris off a roller conveyor and while doing so the tip of his left middle finger got caught in the sprockets and chain of the machine amputating the tip of the left middle finger.

Caught between stationary and moving equipment or objects

- Employee was closing the door on the vehicle and closed it on their hand amputating the right ring finger.

- Employee was pulling up the dock leveler to unload equipment from truck. His finger got caught in between the hole of the leveler and the dock amputating the tip of the middle finger.

Entangled in running equipment or machinery

- Employee was working on a machine when his glove got caught in the machine causing deep laceration on the employee's right thumb.

Exposure to heat – environmental

- Employee was stacking 50 lb bags on pallets when he became overheated. Heat exhaustion.
- Employee returned to the office from applying lawn fertilizer all day and told his supervisor he was feeling exhausted from the heat. He stopped sweating and experienced nausea and was taken to the hospital.

Fall lower level building

- Employee was conducting an inspection of a warehouse under construction. She opened a door that does not have a landing and fell through it about 4' fracturing her left wrist.

Fall lower level ladder

- Employee was going down a ladder from one roof elevation to another to wash windows. When the employee was about half way down the ladder the bottom of the ladder slipped out causing the employee to fall rupturing a disk in his back.

Fall lower level stairs

- An employee was returning from a business trip and was at the airport. As she was going down the escalator she lost her balance and fell backwards fracturing her wrist and neck vertebrae.

Fall lower level structure or equipment

- Employee was standing on top of a gasoline tank pumping gas and fell off the tank breaking three ribs.

Fall on same level

- An employee was walking from one vehicle to another when she slipped on the ice and fell fracturing her nose.
- The employee was walking toward a sink in the bathroom and slipped on water that had accumulated on the floor of the bathroom from and hit her head on the floor getting a concussion.
- Employee stepping up to enter the guard shack lost his balance and fell breaking his femur.

Struck by falling trees

- Employee was cutting down a tree limb when the tree limb fell crushing his right arm against the tree.
- Employee was in the process of felling a tree. The tree was on a slope and when the employee cut the tree, the root of the tree caused the tree to fall opposite and hit the employee in the face.

Struck by tool

- Employee was testing the 40K psi pressure washer gun in preparation for pressure washing a rail car and shot himself in the hand causing possible tendon damage along with water under the skin of three fingers.

562 - Waste Management and Remediation Services

Caught between moving objects or equipment

- Employee was using a wrench to adjust a skirt board on a conveyor because product was falling off the conveyor. The wrench got caught by the conveyor and the tip of his left index finger was amputated.

Caught between stationary and moving equipment or objects

- Employee was riding on the rear step of the residential refuse truck. When the truck made a left turn the helpers left hip hit the concrete pole causing a stress fracture to the left side of his pelvis.

Exposure to heat – environmental

- Employee had finished his trash collecting route when he started having cramps. The employee did not hydrate during the day during his trash collection route and only ate two breakfast tacos and a monster energy drink. The driver of truck had water available on the truck but the employee did not drink the water nor eat lunch. Hospitalized for dehydration.
- Picking up trash on route when the employee experienced severe heat cramps. He took break inside of truck cab and fell asleep. When he woke up he started complaining of severe abdominal cramps. He was taken to the hospital by the ambulance for heat related illness.
- Employees were cleaning up the work area and shutting down the job for the day when one of the employees began to have shortness of breath. Possibly heat related.

Fall lower level structure or equipment

- Employee was working from the top of a tank on a truck and was opening a dome lid to relieve pressure when he slipped and fell approximately 7' to a concrete surface injuring his spine.

Fall on same level

- The employee was walking from the job site to the truck when he slip and trip on the curb breaking his left ankle.
- Struck by collapsing structure, equipment, or material
- Employee was cutting a bale that had a combination of plastic and cardboard. Employee was using a pair of shears to cut the wire banding. He cut the banding and the bale collapsed onto his left leg breaking his femur.

Struck by swinging load or equipment

- Employee was observing a driver trainee dumping a loaded trash compactor and was struck by the metal container door causing him to fall backwards to the ground hitting and lacerating the back of his head.

Struck by tool

- Employee was attempting to pick up a box when he noticed a pallet strapped to the edge of the box. He was using a cheater bar to shift the pallet and the cheater bar gave way and hit him in the nose breaking it.

611 - Educational Services

Fall lower level stairs

- Employee was getting ready to walk down stairs at a high school stadium and fell fracturing his hip.

621 - Ambulatory Health Care Services

Fall on same level

- Employee was walking when she tripped over her feet and fell and her head hit the wall.

622 – Hospitals

Assault by other person

- Employee was hit in the chest by a patient and admitted due to chest pain.

- Employee was working at a residential chemical dependency unit when two patients got into an altercation. One of the patients fell backwards landing on the employee injuring the hip and femur area. Injured worker was using high heels instead of closed shoes.
- Security responded to help get a disruptive patient get back in bed. The patient kicked him in abdomen and right side multiple times causing contusions to the abdomen and right side.

Body movement

- Employee bent down to help a patient and put the patients hand on the bar next to the commode for safety. As she bent down the patient put both hands on her shoulder putting pressure on her knee making it pop.

Caught between moving objects or equipment

- Employee was moving a patient and when the elevator door began to close he stuck his elbow in the doors to keep them from closing. He scratched his arm which later became infected requiring hospitalization.

Exposure to harmful substances

- Employee was treated with EPI due to an allergic reaction to peanuts and admitted for observation.
- There was a fire in a patient's room and an employee working on the floor above and had an asthma attack and was later admitted to hospital.

Fall lower level stairs

- Employee was walking down stairs with his lunch. His hands were full and he tripped and fell approximately 2-3 steps landing on his left shoulder and received a closed radial head fracture.
- Employee was walking down the steps in the auditorium and missed the last step and fell twisting and rolling her left ankle. Later hospitalized for bilateral pulmonary embolisms from deep vein thrombosis related to immobility from the injury.

Fall on same level

- An employee was walking between buildings when she slipped on ice fracturing the face and getting a concussion.
- Employee was walking down the sidewalk when she lost her balance and fell on her right side possibly breaking her hip.
- Employee tripped and fell in breakroom fracturing their right hip.
- Employee fell after exiting the elevator and fractured her arm and bumped her head.
- Employee was walking and slipped and fell fracture their left arm and sustaining a head injury.

Struck by

- An employee was in a hurry and walked into a pane of wall glass thinking it was the door. They fell to the floor and fractured their wrist and pelvis and received a hematoma on the head.

Struck by blade/knife/sharp object

- Surgical tech was breaking down equipment after surgery and lacerated their right index finger with a weck blade.

Struck by moving object or equipment

- Employee climbed on top of a table. The iron handle on the utility cart swung up and struck him.

623 - Nursing and Residential Care Facilities

Fall on same level

- Employee slipped and fell in the dish room while bringing dirty pots to the sink for washing injuring his left elbow and the back of his head.

712 - Museums, Historical Sites, and Similar Institutions

Struck by tool

- Employee hit in his right index finger with a hammer while removing an old post.

713 - Amusement, Gambling, and Recreation Industries

Caught between moving objects or equipment

- Employees were closing dividers separating ballrooms in the country club. The employee's hand was caught between two moving panels amputating the middle finger midway on the fingernail and crushed the ring finger up to the beginning of the fingernail.

722 - Food Services and Drinking Places

Assault by other person

- A terminated employee pushed another employee and a cement ash tray fell on foot crushing the left toe.

Burns hot liquids

- An employee was burned with hot water while operating a dish washing machine. The interlock to prevent the washer from operating while the door is opened wasn't working and he received 2nd degree burns on his face, left arm, and abdomen.
- Employee was walking towards a cooler and tripped over a filter pan that contained debris from filtered oil receiving third degree burns.

Electric shock

- Employee was assisting another employee at the grill and was plugging the electrical cord from the main grill to the wall socket when a flash occurred. Employee was shocked and received 3rd degree burns to his left hand/finger.

Fall lower level ladder

- Employee climbed ladder and stood on top of step ladder to enter the 8' ceiling of the restaurant using a 6' step ladder. He fell through the ceiling and hit his head on the floor below.

Fall lower level moving vehicle

- Employee was moving a pallet from truck and when the truck pulled away from the dock he jumped from the jack plate on the dock to the back of the truck and fell off to the ground receiving a skull fracture and slight concussion.

Fall lower level nonmoving vehicle

- An employee was climbing out of a box truck box and slipped. His leg hit a broken part of the truck bumper causing a severe cut to his right calf requiring surgery to repair his leg.

- Employee was unloading from the side cooler door of truck trailer. He had stacked several cases for another stop on the platform of the ladder to access the remaining cases for unloading. He placed a case of ground beef on top of the stack. He then stepped back and lost his footing on the platform falling backwards onto the pavement and hit the curb with the back of his head. Bleeding inside the skull and scalp laceration.

Fall on same level

- Employee was delivering a pizza and when doing so they slipped on an ice slope and struck the back of their head on the concrete.

811 - Repair and Maintenance

Caught between moving objects or equipment

- Employee placed his finger near the bead of a tire while machine was being operated and the tire dismounting arm struck the middle finger and partially amputated its tip.

Electrical burns

- The employee was in the process of troubleshooting a generator that wasn't connecting to a switchgear. The employee slipped on the steps in front of the generator he was working on and struck his hand on the energized part getting a 3rd degree burn on left hand.

Fall on same level

- Employee was cleaning cars and slipped and fell fracturing a bone in lower left leg.

Struck by falling object or equipment

- Worker was with a crew installing an engine that was rigged up in the air and he decided to screw a bolt at the bottom of it and while doing so the engine slipped off the rigging and crushed his right middle finger.
- Employee was helping erect a sign when the P.I.T. overturned and landed on his foot.

Struck by flying object

- Operator was using a crane and sling to support a part while changing the inserts. He used a single leg of a double leg sling with a choker connection to support the part. One leg hung on a part of the machine and as he lifted it with the crane, it caused the unconnected sling leg to release striking the employee on the chin fracturing his jaw.
- Employee was prepping a blast pot for the next day and opened the top man way and pressure escaped and he was struck in the face by an unknown object receiving a laceration over his eyes.

Struck by moving object or equipment

- He was diagnosing an electrical issue on a skid steer when the unit knocked him to the ground and began rolling up his leg dislocating the left ankle, fracturing his left knee, and causing muscle damage to the left side of the body.

Struck by powered vehicle

- An employee was working at a car wash and an elderly person inadvertently put their vehicle in reverse and hit the gas pedal striking the employee and tearing a ligament in his left leg.

Struck by tool

- Employee was moving a flex lance to another tube when an employee engaged the dump valve and his left hand was stuck by the flex lance causing a high pressure water injury.

813 - Religious, Grantmaking, Civic, Professional, and Similar Organizations

Fall on same level

- Employee was walking and having a conversation and tripped and fell when walking over a transition between two different types of flooring breaking her pelvis.

Struck by blade/knife/sharp object

- Cutting sections from 4"x4"x8' cedar board the employee's hand made contact with rotating blade amputating his thumb and left index fingertip.

924 - Administration of Environmental Quality Programs

Caught between stationary and moving equipment or objects

- Operator was making adjustments to a corrugation machine's stacking section. While performing the adjustment the operator left the machine in auto instead of placing it in manual in order to temporarily stop the cycling of the stacking operation. The operator used a box-end wrench to loosen the bolts that hold the internal plate down. The machine cycled and pinched the operator's finger between a bracket and frame amputating part of the right index finger.

FY 18 Top Four Federal OSHA Recordkeeping Most Frequently Cited

1904 Standard	Cited	Narrative
1904.39(a)(2)	742	Within twenty-four (24) hours after the in-patient hospitalization of one or more employees or an employee's amputation or an employee's loss of an eye, as a result of a work-related incident, you must report the in-patient hospitalization, amputation, or loss of an eye to OSHA.
1904.40(a)	153	When an authorized government representative asks for the records you keep under part 1904, you must provide copies of the records within 4business hours
1904.41(a)(2)	98	If your establishment had 20 or more employees but fewer than 250 employees at any time during the previous calendar year, and your establishment is classified in an industry listed in appendix A to subpart E of this part, then you must electronically submit information from OSHA Form 300A Summary of Work-Related Injuries and Illnesses to OSHA or OSHA's designee. You must submit the information once a year, no later than the date listed in paragraph (c) of this section of the year after the calendar year covered by the form.
1904.39(a)(1)	85	Within eight (8) hours after the death of any employee as a result of a work-related incident, you must report the fatality to the Occupational Safety and Health Administration (OSHA), U.S. Department of Labor.

*Disclaimer: Fatalities, catastrophes, serious incident reports are logged or recorded in various mediums and reports are generated using various sorting criteria. Houston specific data is edited to determine a count of fatalities/catastrophes or Serious Incident Reports (SIRs) under OSHA jurisdiction and may change over time as records are updated. Narratives are generally based on the first report of the incident and are rewritten and edited for brevity and/or readability and may not reflect the final results of an investigation. The incidents are a snap shot in time and may not be an exact count and are provided for accident prevention purposes, trending, and educational purposes and is not intended to be a statistical study or evaluation.

If you're interested in a presentation to your group or association or would like to be notified of free workshops conducted periodically by the Houston North OSHA Office contact Jim Shelton, CAS, at shelton.james@dol.gov