

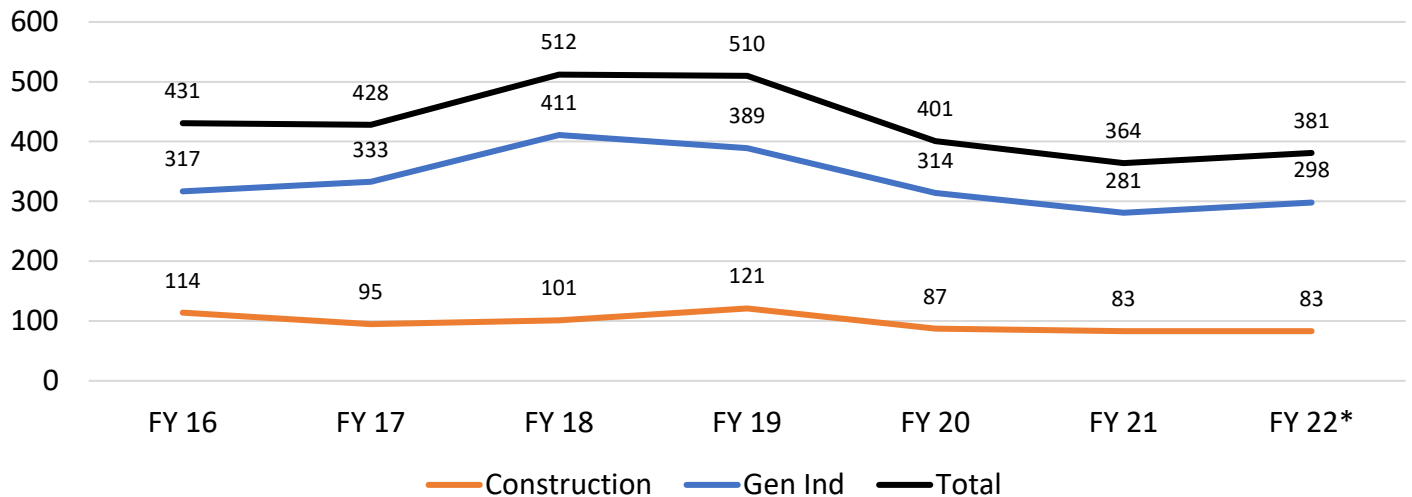
SE TX General Industry Serious Incident Reports (SIRs) FY 2022*

In Fiscal Year (FY) 2022 there were about 381 Serious Incident Reports (SIRs) reported to the SE TX OSHA offices versus 364 the previous year. SIRs incidents include cases of hospitalizations, amputations, and loss of an eye. Of the 377 reports, 298 were in general industry (versus 281 in FY 21) and 83 (same as FY 21) were in construction. Let's work together to send every worker home safe at the end of the day.

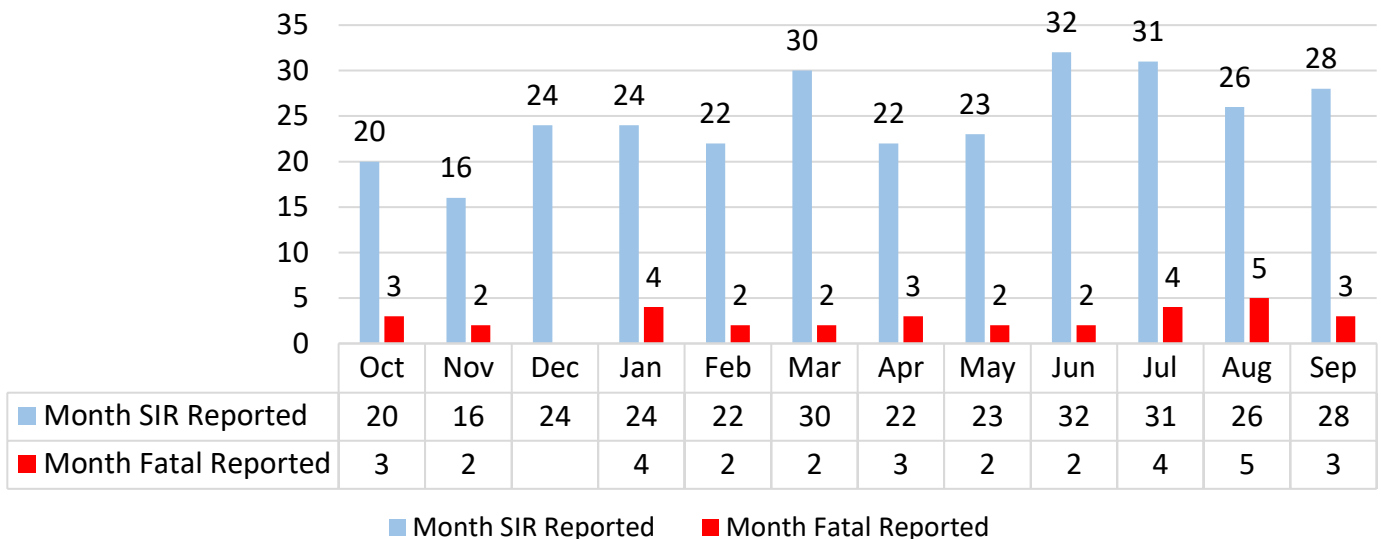


Of the 298 General Industry SIRs, 243 were hospitalizations and 86 were amputations. 31 of the amputations required hospitalization so they are technically counted twice. $243 + 86 - 31 = 298$

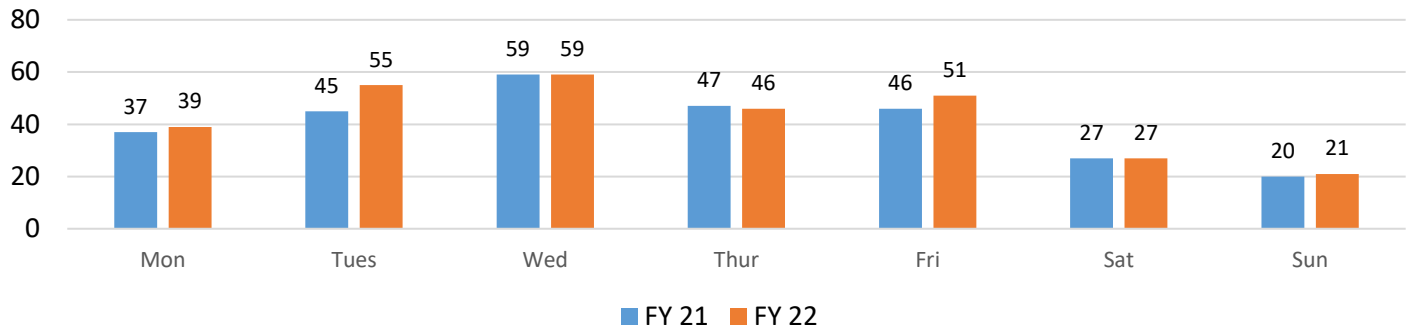
FY 22* SE TX SIRs by Gen Industry and Construction



FY 22* SE TX Month of General Industry SIRs vs. Fatal Reports



FY 22* SE TX Gen Industry SIR Incidents by Day of the Week

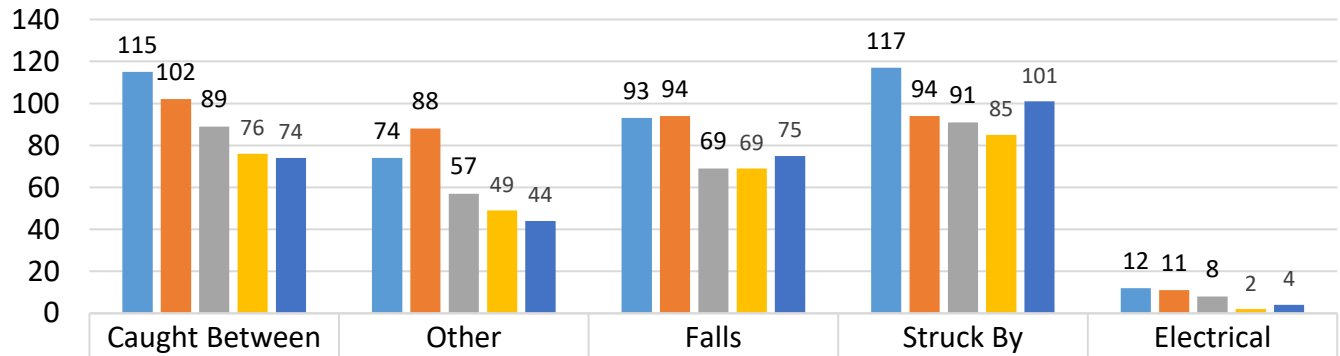


FY 22* SE TX General Industry SIR Reports by NAICS Code

NAICS	Industry	FY 21 SIRs	FY 22 SIRs
332	Fabricated Metal Product Manufacturing	24	23
561	Administrative and Support Services	17	20
423	Merchant Wholesalers, Durable Goods	17	19
311	Food Manufacturing	9	14
333	Machinery Manufacturing	10	14
325	Chemical Manufacturing	15	11
331	Primary Metal Manufacturing	3	11
488	Support Activities for Transportation	13	11
722	Food Services and Drinking Places	6	10
445	Food and Beverage Stores	22	8
484	Truck Transportation	13	8
541	Professional, Scientific, and Technical Services	9	8
321	Wood Product Manufacturing	6	7
326	Plastics and Rubber Products Manufacturing	5	7
327	Nonmetallic Mineral Product Manufacturing	6	7
493	Warehousing and Storage	5	7
213	Support Activities for Mining	6	6
324	Petroleum and Coal Products Manufacturing	7	6
335	Electrical Equipment, Appliance, and Component Manufacturing	0	6
424	Merchant Wholesalers, Nondurable Goods	9	6
622	Hospitals	6	6
811	Repair and Maintenance	4	6
562	Waste Management and Remediation Services	6	5
339	Miscellaneous Manufacturing	3	4
444	Building Material and Garden Equipment and Supplies Dealers	4	4
531	Real Estate	4	4
532	Rental and Leasing Services	4	4
441	Motor Vehicle and Parts Dealers	5	4
221	Utilities	4	3
452	General Merchandise Stores	4	3
453	Miscellaneous Store Retailers	1	3

115	Support Activities for Agriculture and Forestry	0	2
212	Mining (except Oil and Gas)	0	2
312	Beverage and Tobacco Product Manufacturing	2	2
336	Transportation Equipment Manufacturing	3	2
337	Furniture and Related Product Manufacturing	0	2
442	Furniture and Home Furnishings Stores	0	2
443	Electronics and Appliance Stores	1	2
492	Couriers and Messengers	0	2
517	Telecommunications	3	2
621	Ambulatory Health Care Services	1	2
623	Nursing and Residential Care Facilities	0	2
721	Accommodation	1	2
447	Gasoline Stations	1	2
211	Oil and Gas Extraction	0	1
313	Textile Mills	0	1
334	Computer and Electronic Product Manufacturing	0	1
451	Sporting Goods, Hobby, Musical Instrument, and Book Stores	2	1
481	Air Transportation	2	1
486	Pipeline Transportation	1	1
491	Postal Service	2	1
522	Credit Intermediation and Related Activities	0	1
611	Educational Services	0	1
624	Social Assistance	0	1
711	Performing Arts, Spectator Sports, and Related Industries	1	1
713	Amusement, Gambling, and Recreation Industries	1	1
812	Personal and Laundry Services	1	1
813	Religious, Grantmaking, Civic, Professional, and Similar Org's	2	1
921	Executive, Legislative, and Other General Government Support	1	1
922	Justice, Public Order, and Safety Activities	2	1
446	Health and Personal Care Stores	0	1
322	Paper Manufacturing	1	0
323	Printing and Related Support Activities	1	0
454	Nonstore Retailers	1	0
485	Transit and Ground Passenger Transportation	1	0
511	Publishing Industries (except Internet)	1	0
518	Data Processing, Hosting, and Related Services	1	0
926	Administration of Economic Programs	1	0
TOTAL		281	298

FY* 22 SE TX General Industry SIRs by Focus Four



FY 22* SE TX Area General Industry SIRs by Event vs. FY 21

SIR by Event	FY 21	FY 22
Caught between stationary and moving equipment or objects	31	45
Fall on same level	26	31
Struck by falling object or equipment	22	29
Struck by moving object or equipment	7	17
Fall lower level ladder	8	16
Struck by blade/knife/sharp object	20	16
Entangled in running equipment or machinery	21	13
Exposure to heat – environmental	11	11
Fall lower level structure or equipment	10	11
Caught between moving objects or equipment	23	10
Struck by powered vehicle	16	10
Struck by rolling object or equipment	1	10
Struck by flying object	4	9
Body movement	7	6
Exposure to harmful substances	4	6
Burns chemical	5	5
Struck by tool	3	5
Assault by other person	5	4
Fall lower level nonmoving vehicle	11	4
Caught between stationary and falling equipment or objects	0	3
Fall lower level stairs	5	3
Other/unknown	3	3
Burns hot liquids	7	2
Caught between stationary equipment or objects	0	2
Electric shock	0	2

Explosion of pressure vessel, piping, or tire	0	2
Fall from and struck by same vehicle	0	2
Fall lower level moving vehicle	2	2
Fall through surface	1	2
Injection	0	2
Struck by	1	2
Struck by shifting load or equipment	3	2
Arc flash	1	1
Caught between	2	1
Dust Explosion	0	1
Electrical burns	1	1
Fall	1	1
Fall lower level pit/hole	0	1
Fall lower level scaffolding	2	1
Fall lower level skylight	0	1
Fire vapors, gases, or liquids	1	1
Insects, snakes, animals	3	1
Struck by high pressure water	3	1
Burns cold liquids	1	0
Fall lower level	2	0
Fall lower level building	1	0
Feinting	1	0
Infection	1	0
Struck by collapsing structure, equipment, or material	1	0
Struck by high pressure liquid	2	0
Struck by high pressure steam	1	0
TOTAL	281	298

FY 22 SE TX General Industry SIR Narratives by NAICS

115 - Support Activities for Agriculture and Forestry

Entangled in running equipment or machinery

- Employee was putting brush into a wood chipper when a climbing rope got tangled in the brush. The rope wrapped around his left arm and the speed of the rope being pulled in caused him to be drawn into the wood chipper and he was thrown into the curbside guard panel of the machine. He suffered abrasions across upper back, fractured left humerus (elbow), fractured ribs, diaphragmatic hernia, bruised kidney, and renal laceration.

Fall on same level

- Employee was unloading a trailer from the ground when the load shifted and he moved away from trailer. He tripped and fell down and hit his head on the concrete and received a bruised brain injury.

211 - Oil and Gas Extraction

Struck by powered vehicle

- Employee was operating an ATV/UTV and had an accident fracturing their ankles.

212 - Mining (except Oil and Gas)

Exposure to harmful substances

- Employee was doing paperwork in an office trailer and was found unresponsive from carbon monoxide poisoning.

Struck by rolling object or equipment

- Employee was traveling on an incline of a haul road. The truck stalled out and began to roll backwards. He did not initially engage the brakes on the vehicle but when it picked up speed, he slammed brakes causing the load to shift. The shift in the load caused the truck to tip on its side. He suffered a left clavicle fracture and possible skull fracture.

213 - Support Activities for Mining

Caught between stationary and moving equipment or objects

- Employee was core sampling a with a geotechnical drill and pinched their finger between slip bowls and the drill pipe amputating the right index finger.

Fall lower level structure or equipment

- Employee was working on coal car dumping machine. The machine inverts coal cars dumping product from car. Maintenance was being performed on the machine in the inverted position. He was instructed not to step on the grating while the machine was in this position and to maintain 100% tie off at all times. He was wearing proper fall protection but was not secured when he stepped on the fiberglass grating. The grating came loose causing him to fall 21' to the surface below breaking his arm.

Fall on same level

- Employee was looking for a hammer and walked off of a furnace platform and stepped through an 18"x16" port hole opening into molten metal causing severe burns to his right foot requiring hospitalization.
- Employee was carrying a 65 lb. metal plunger on his left shoulder and tripped over a hose and fell forward. He did not let go of the plunger and it fell on top of his left hand. He received two large hand fractures and crushed the entire index finger and the tip of the middle finger.

Struck by falling object or equipment

- While changing the transmission on an 18-wheeler in the shop, the transmission was dropped on his right foot. Several days later he complained that his leg hurt at work and was sent to an urgent care facility where they found that the big toe on his right foot had grown gangrenous. He was sent to the hospital, where he was admitted and the toe was amputated.

Struck by powered vehicle

- Employee was using a truck to barricade a road to allow tractor trailers to exit out of a work site. A motor vehicle, traveling at around 65 mph, rear ended the truck. He suffered lip laceration, aortic dissection, and a fractured vertebrae.

221 – Utilities

Burns chemical

- During a hose inspection the employee noticed a camlock fitting connecting the hose to the tank was seated but not secured correctly. Without stopping the flow of water and 4% sodium hydroxide mixture, he attempted to secure the clamp. At this time, the hose separated from the tank. This resulted in the eye and skin contact with the water and 4% sodium hydroxide mixture. He received irritation to the face, skin, and right eye.

Struck by falling object or equipment

- Employee was attempting to lift a photovoltaic (PV) panel from a horizontal stack of PV modules staged on a pallet on the ground. When they lifted the PV module from the row of PV modules on the ground, the next panel tipped forward and made contact below their knee cap fracturing the left tibia.

Struck by moving object or equipment

- The employee had just finished connecting an auger attachment to the bobcat. He was in the process of driving the bobcat to another area of the facility when the attachment detached and hit him in the lower leg while he was driving. He suffered a lacerated and broken lower left leg.

311 - Food Manufacturing

Caught between stationary and falling equipment or objects

- Employee closed the lid to a hopper and thought he pinched his glove. About an hour later, he took their glove off and saw his left ring finger-tip pinched off ahead of the fingernail.
- Employee was a salesperson working at the back room of grocery store. He was operating a pallet jack in the back room and was attempting to retrieve product. During the process, he lacerated his thumb between two pallet jacks and was admitted to the hospital for surgery for a lacerated his thumb.
- After setting up equipment that deposits cake batter into a pan the employee went to investigate why the batter was overflowing in the pans. They moved a pan under the depositor to catch the batter. As she did this, the piston for the depositor engaged and pinched the tip of her right pinky finger in between the piston and the opening where the batter is discharged, resulting in an amputation of the tip of her right pinky finger.

Caught between stationary equipment or objects

- Driver was attempting to redistribute the weight on his trailer by adjusting/sliding the tandems. He started to pull the air release valve to release the pins, and he lost his balance. To regain his balance, he placed his hand on the tandem frame rail, and the tip of his right middle finger was caught, amputating the fingertip.

Electric shock

- Employee was using a multimeter to check the voltage of an electrical panel on an industrial microwave. He received an electrical shock to his left wrist and suffered a delayed electrical shock symptom of swelling of the left arm due to muscle damage.

Entangled in running equipment or machinery

- Employee was cleaning machinery and got their finger caught in screw conveyor partially amputating their finger.

Fall lower level ladder

- Employee was checking a reefer unit, a single refrigeration unit, because it was making a noise. As they were coming down the ladder, he slipped and fell hitting his head on the concrete and suffered a head Injury and laceration.

Fall lower level nonmoving vehicle

- Employee went to stack cases on dolly and the tommy gate was not lifted. He proceeded to exit the truck walking backwards and stepped off the back of truck. He fell to the ground and the stack of product fell on him. He suffered a T-12 vertebrae bone fracture.

Fall lower level structure or equipment

- Employee was walking on a platform in the cage dump area and stepped on a roller causing him to lose his balance and fall suffering fractures to his hand.

Fall on same level

- Employee was walking to the warehouse when he tripped and fell over his own foot and suffered a twisted right ankle and broken hip.

Other/unknown

- Employee suffered amputation to middle finger.

Struck by blade/knife/sharp object

- A machine operator was monitoring fortune cookies as they came out of molds. The wrapping machine used to package the fortune cookies stopped after becoming jammed with plastic film. The operator went over to the jammed machine, restarted the wrapping machine, and began clearing the jam by pulling the film with his hands. As he was pulling the jammed film, his right hand contacted the rotating blades that cut the film packaging receiving lacerations on the right middle finger and a partial amputation of the right ringer.

- Employee was working on the bread line guides and went over to the bun chunker to see why it was down. He started looking into the issue with the bun mixer and was pulling dough off the conveyor when the knife that cuts the dough came down on top of both hands. The right hand fingers were severely cut and the left hand had cuts but not as severe.
- Employee was clearing out a jam of dough and reached into the cutter section of the machine. The cutter amputated a portion of the index, middle, ring, and pinky fingers.

312 – Beverage and Tobacco Product Manufacturing

Fall on same level

- Employee was walking towards the entrance door when his foot went off the edge of the walking path causing them to trip and fall resulting in a broken left knee cap and broken right wrist.

313 - Textile Mills

Struck by moving object or equipment

- Employee was using a screening printing press when they noticed the ink was low. They tried to move ink around the screen while the machine was still running and were struck by a moving part on the printing press suffering a stomach and back injury that required hospitalization.

321 - Wood Product Manufacturing

Caught between moving objects or equipment

- Employee was replacing the bearings on the roller of a sorter machine when the roller shifted and they caught their fingertip between the chain and sprocket amputating the right middle fingertip.

Caught between stationary and moving equipment or objects

- Employee was working on a pallet nailing machine. They were told by the lead operator to unstick a pallet stringer that would not feed through. As he was attempting to remove the board, the operator reversed the machine causing the board to move backwards and caught his finger between the board and a machine cover. He received a lacerated right middle finger tip.
- Employee was working as a truss assembler on a line. After completing the plating of the second side of a floor truss, and just before another assembler actuated the valve to close the jig, they reached toward the top plate in an apparent effort to correct an alignment issue. As the other assembler actuated the air valve and closed the jig, his left hand was on top of the truss and the jig rail closed on his index and middle fingertips. He instinctively pulled back and severed the tips of both fingers. The glove he was wearing stayed in place, including the fingertips.

Dust explosion

- Employee was checking on a fault in a dust collection baghouse. He repeatedly opened the door to look inside the unit when a flash fire occurred and he was burned from the waist up.

Exposure to heat – environmental

- Employee had been feeding lumber into the machine during working hours and clocked out at the end of the day. He started experiencing symptoms of heat stress, such as vomiting and muscle cramps and was hospitalized for heat related illness.

Fall lower level structure or equipment

- Employee was in the process of repairing a sight glass on a water holding tank and noticed a leaking pipe and that needed repair. He stepped on and off a step ladder onto a 3" pipe. During the process, his wrench slipped causing him to lose his balance. He fell on a mixer motor (full guarded) and landed on the floor. He received a fractured left wrist, left clavicle and five fractured ribs on his left side.

Struck by tool

- The employee was using a nail gun to nail pallets. He put the gun down behind him and squeezed the trigger and a nail went in his heel.

324 - Petroleum and Coal Products Manufacturing

Burns chemical

- Two employees sustained burns to the face and upper body following a release of sodium hydroxide and propane that occurred during routine maintenance activities on instrumentation equipment.

Caught between stationary and moving equipment or objects

- Employee was repositioning a utility vehicle and rammed the utility vehicle into a bollard post while his left leg was positioned outside of the vehicle. As a result, their left leg struck, and was caught in-between, the utility vehicle and bollard post resulting in compound fractures.

Exposure to heat – environmental

- Employee was working from a large platform attaching a new flow meter to a 2" pipe. He was using a wrench to tighten it. The flow meter was blinded at the line. There was still some product in there that was flushed out. He was wearing chemical suit and full face respirator. He started fanning his face and walked backwards about 20' and fell unconsciousness. Possible heat exhaustion and/or chemical exposure.

Fall on same level

- Employee was making rounds checking the work area and tripped on a ground rod sticking about 2" above ground and fractured her left knee requiring surgery.

Struck by flying object

- Employee was assisting in purging a product line with nitrogen. A piece of solidified plastic was inside the product pipeline and came out at the open flange end striking him in the hand impaling it.

Struck by moving object or equipment

- Employee was trying to climb into the cab of a dozer when the wind slammed the door shut, amputating the tip of the left pinky finger.

325 - Chemical Manufacturing

Burns chemical

- Two employees were mixing the chemicals in a blend tank when the chemicals had a reaction that caused them to leak out of the tank and make contact with the employees causing chemical burns to the back and arm from 28% aqueous ammonia and paraformaldehyde.
- Employee was clearing out a line while on a unit, when some material (p-tert-butylphenol) came in contact with him. He was wearing a breathing apparatus while conduct this operation and the material came in contact with his forehead and facial area causing facial abrasions or burns.

Caught between stationary and moving equipment or objects

- Employee was in the process of re-shuffling metal 55 gallon drums to be restocked and at some point, during the process his left hand ring finger was smashed as it was caught between another metal drum. The left ring finger had to be amputated at the tip.
- Two technicians were adding catalyst from a barrel. Technician 1 was in route to dispose and crush a 55 gallon drum after adding the polypropylene pellets to the catalyst. Technician 2 was walking toward the drum crushing area when the forklift made a right turn pinning him between the forklift's mast and a safety ballard. He suffered a fracture in his right femur.

Exposure to harmful substances

- Employee saw wisps of fumes coming off a filter canister. He took his channel locks and tightened the bolt on top of the filter canister. When he turned to walk away, the bolt sheared and he was sprayed by the titanium tetrachloride (ticl₄) causing chemical burns to his left wrist and forearm.

Fall lower level ladder

- Employee completed tagging a process safety valve and descended down a fixed ladder cage. His foot slip off a rung and he slipped and fell approximately 25' to the next deck. He suffered two fractured ankles and a compression fracture of a vertebrae.

Fall on same level

- Employee was checking for air leaks in the vacuum system after the vacuum pump was removed from the airlock rotary valve. He slipped on some water, fell, and grabbed the air lock valve to steady themselves. His finger made contact with the moving vanes inside the rotary valve and was hospitalized with a left middle fingertip amputation.
- At the construction warehouse, employees were unloading supersacks from a truck. They discovered that some of the pallets of supersacks had shifted. During the removal process of the supersacks, an employee stepped on a nail, tripped and fell, landing on his hip causing a hip injury.

Struck by moving object or equipment

- Employee was in the process of purging air out of a filter vessel when the job assembly became unscrewed. He tried to stop it with his hand and suffered a laceration and muscle damage to the palm of the right hand.
- Employee was cleaning the floor with a broom and bent down to get something off the floor while placing his left hand on the guard of the conveyor screw. The guard of the conveyor was rotted and their finger went through guard and was cut by the conveyor partially amputating the left index finger above the nail.

Struck by rolling object or equipment

- Employee was staging stainless steel totes on a loading dock ramp in the warehouse/dock area. After they staged the first tote, he backed up and noticed a cone had become wedged under the tote near the outlet valve. They stopped the forklift, placed it in neutral, set the parking brake and turned the forklift off. They got off the forklift and walked in front to retrieve the cone when the forklift rolled forward, pinning them between the forklift and tote. They suffered a collapsed lung.

326 - Plastics and Rubber Products Manufacturing

Caught between moving objects or equipment

- Employee was working with three other employees feeding styrofoam sheets through the rollers of an extruder machine. Her arm was caught in between the moving rollers, degloving her left arm.

Exposure to heat – environmental

- An employee was spot cleaning a die on an extractor when he was overcome by heat, collapsed and was taken to the hospital and admitted for heat related illness.

Fall lower level pit/hole

- A manhole cover was left open by a co-worker performing preventative maintenance in a tunnel underneath a production line. When the employee turned to step in the direction of the manhole, he fell to the concrete level 9' below suffering neck and back injuries.

Fall lower level structure or equipment

- Employees were using a rope pulley rig system to install fiberglass insulation in an air fabric dome. An employee was standing on the plywood of the pulley rig when screws fastened to the plywood gave out causing him to receive lacerations to face, fractured skull and broken left arm. Another employee received lacerations to right forearm when the plywood shot up vertically hitting him.

Struck by blade/knife/sharp object

- Employee was driving an order picker unit and turned sharply near a shelving/racking unit. They stuck out their arm as reaction and it went through a window and they suffered a lacerated arm that resulted in hospitalization due to main artery cut.

Struck by falling object or equipment

- Employee was using a forklift to unload truck and drove a forklift off of the dock suffering a crushed foot.

Struck by flying object

- Employee was stripping a product from a mold. In staging the part for stripping, it appears there was a misalignment between the pusher and the mandrel that caused the tool to kick out, striking him in the chest. He suffered blunt force trauma to the chest from the steel tool.

327 - Nonmetallic Mineral Product Manufacturing

Caught between moving objects or equipment

- Employee was moving steel wire cages with an overhead crane in the fabrication area when the load shifted and his hand was caught in between the cages causing an amputation to the tip of the right middle finger.

Caught between stationary and moving equipment or objects

- Employee was cutting rebar with a rebar cutting and bending machine. During the cutting action, the rebar lifted his left hand against the top guard of the point of operation causing contact with his left ring finger and middle finger. He received a deep laceration.
- Employee was attempting to remove clogged butterfly valve when it closed on their hand lacerating/amputating the left middle finger.
- Employee was operating an ironworker machine and placed his hand on the machine and actuated the shear of the machine. Their right thumb was cut by the shear and the thumb was amputated at the hospital.

Fall lower level ladder

- Employee was working on ladder 2' high when another employee tripped over a piece of concrete and grabbed the ladder that they were working on. The employee fell from the ladder and landed on his back first, then hit his head on the concrete floor as his hard hat came off.

Struck by powered vehicle

- A forklift operator was in reverse heading towards the production area and at the same time, a pedestrian was coming from the lunchroom towards productions area. It appears that neither the forklift operator nor the pedestrian noticed each other. The forklift struck the pedestrian resulting in an injury to the right foot.
- Employee was in the yard directing and coordinating the delivery and unloading of trucks. Another employee was operating a wheel loader and ran over his left leg below the knee which required a medical amputation.

331 - Primary Metal Manufacturing

Caught between stationary and moving equipment or objects

- Employee was working at a welding machine and turned his head to look at a tangled wire behind him. His finger was caught between a clamp on the welding machine partially amputating the finger.
- Employee was loading material on a truck with a crane. He started removing the plate hooks from the material and the material shifted. As the material shifted, his left ring finger was pinched between the material and the plate hook and the tip of the left ring finger was amputated.

Entangled in running equipment or machinery

- Employee was working on a table blast machine cleaning a clog when at some point his coat became caught in the moving axle and pulled him in, breaking his right arm.

- Employee was operating a roller threader and placed their hand on the rod before locking the vice which stops the rod from turning. He continued to hold the rod and his glove intertwined with the rod as it continued spinning. His hand and arm became twisted around the bar. He was unable to reach the E-stop and the vice spun in the wrong direction. He was freed when his glove tore. He suffered a fracture of his arm and two fingers.

Fall on same level

- Two employees were carrying a 6' long steel crossbar when one of the employees lost balance. He held onto the crossbar and the left distal index finger was crushed between the cross bar and the ground. It was later medically amputated.

Struck by falling object or equipment

- Employee had driven a flatbed 18 wheeler to a jobsite and was in the process of removing the straps from the load of the flatbed. Parts of the load had shifted during transport and when they removed the last two straps, the two top bundles of aluminum extrusion that were 30' long and weighed 866 and 699 pounds fell from the side of the load. He suffered severe fractures to the right leg and some lesser fissures to his vertebrae.
- Employee was working the night shift and taking equipment out of service. He was replacing bolts when a drive roll came down on his hand crushing the left middle finger and minor injuries to two other fingers
- A forklift operator was in the process of picking up a container filled with brass shavings and dumping it into a container. The overflow was being swept up by another employee and put into a cardboard box. As the forklift operator would pick up the container, he would squeeze the container cylinder and push down the shavings. The cylinder rolled out of the forks and flipped over onto the employee sweeping. They suffered a fractured back and possible concussion.
- An employee was tearing down a heat exchanger component on a vacuum furnace. He was using a bottle jack to lift an end of the heat exchanger when it became top heavy and it tipped over and landed on him. He received a fracture of his right scapula and pelvis.
- Employee was moving a welding machine when it tipped over and smashed the fingers on his right hand. He had a partial amputation of a finger during the treatment.

Struck by rolling object or equipment

- While positioning steel pipes on a table, the first pipe rolled backwards while second pipe was being positioned. His hand was smashed between the two steel pipes. He was hospitalized and required surgery to the left hand's ring finger.

332 - Fabricated Metal Product Manufacturing

Caught between stationary and moving equipment or objects

- Employee was loading a machine part into a CNC machine when his thumb got caught between the chuck jaw and part, removing the pad portion of his right thumb. Right thumb partial amputation.
- Employee was assembling a ball valve with an actuator and was wiping inside of the valve with a rag and inadvertently cycled the actuator. The ball closed amputating 1/4" of his left middle fingertip.
- Two employees were assembling a large worktable together. One employee moved the top of it inward and the second employee did not move his left thumb and it was partially amputated and fractured.
- Employee was moving bar stock and he leaned against the machine. His hip struck the toggle switch that actuated the conveyor belt to move and their left index finger was caught between a conveyor roller and the bar stock. The finger was smashed and a hand surgeon will perform a medical amputation.
- An employee was in process of changing out a die on an iron worker. As he was removing the plate stripper, he accidentally hit the foot pedal to engage the machine. His finger was caught between the plate stripper and the material rest. Instead of reactivating the machine by moving his foot, he pulled his finger and it amputated the tip of finger.
- Employee was fabricating a vessel and had finished. He and another employee were going to move it with a crane so they started rigging it with a chain. The other employee was using the pendant. As the crane hook moved up, the

employee was guiding the chains up to the point it would catch tension. His thumb got caught between the rigging and the vessel. The thumb was crushed and had to be amputated from the first knuckle to the nail.

- Employee was calibrating a butterfly valve with pneumatic actuator utilizing an air tool mechanism to cycle the valve (cycling the valve means using air to power an actuator which opens and closes the valve disc). When the employee engaged the air to cycle the valve, his right ring finger was caught between the valve disc and the valve rubber seal. He suffered a right ring fingertip amputation.

Entangled in running equipment or machinery

- Employee was operating a thread machine in the bolt department and his apron was caught on a piece of round bar that was being threaded. He tried to use his left hand to try and free his clothing but the hand became entangled with the clothing and he began to spin with the machine. They tried reaching the wheel to lock in the round bar to prevent it from spinning but turned it in the wrong direction. Another operator came and hit the stop button. When the machine stopped, he was freed. They suffered a left arm fracture, a laceration to the arm and the back of the head.
- A machinist in the maintenance department was sanding material on a lathe with sandpaper on a rotating shaft. The sandpaper got caught between the material the machinist was sanding and the unguarded area of the chuck. His gloved hand was pulled into the rotating shaft and he sustained an amputation of the whole right index finger.

Fall lower level ladder

- Employee was descending a 30' ladder and slipped and fell about 5' resulting in a fractured vertebrae and a fractured ankle requiring hospitalization.
- Employee was standing on a ladder setting a spider arm. The tac weld on the left arm broke causing the spider arm to fall towards him. He fell backwards off the ladder and the ladder and spider arm landed on top of him. He suffered a broken hip, dislocated femur, and fractured left elbow with possible internal injury.
- Employee was pulling insulation while standing on a 12' ladder. He fell off the ladder and injured his back.
- Employee was grinding while on a ladder when the ladder slid out from underneath him.

Fall lower level structure or equipment

- Employee was on a welding table cleaning the welding area of slag and debris of a metal shell. The size of the shell was approximately 40" in diameter and 34" in length. When changing positions during the grinding/cleaning operations, he fell approximately 41" onto a trolley system. He suffered fractured ribs and a laceration of the liver.

Fall on same level

- Employee was speaking with other employees about a laser cutting machine issue. He was stepping backwards and turning at the same time and his foot caught the edge of an anti-fatigue mat and he tripped and fell landing on his right hip breaking it.

Fire vapors, gases, or liquids

- Employee was preparing the work station to weld on a propane tank and as he was lighting the propane torch, a flash fire occurred due to a propane fume from the tank. He suffered burns to skin on face, arms, chest and stomach.

Struck by flying object

- Saw operator was in the process of moving a piece of material with an overhead crane to his machine. The overhead crane had a chain sling which consisted of a 4-leg chain sling. Each end of the sling had a hook attached to the end. He had the material hooked to one leg of the chain and was moving the material near the machine when another leg caught on the roller support near the machine. He did not know while lifting the material that the hook was stuck and he continued to pull harder on the sling. The hook dislodged and the sling shot over the material and hit him in the face. He received a 2-1/2 " laceration to his chin with damage to the jaw and teeth.

- The 16K hammer crew was setting up a tool on top of another tool to remove the scales/ trash from the bottom tool. The operator then started to operate the hammer to remove the scales/ trash. Upon the second punch the top tool flew off and punctured his upper left leg.

Struck by moving object or equipment

- Employee was feeding a 25' pipe into an inbound punch straightener. The pipe did not set into the proper position, and he used a cheater bar to move the pipe. He positioned his right hand on the cheater bar and his left hand was on the railing of the inbound punch straightener. As the pipe was adjusted, he did not move his left hand and received a partial amputation of left thumb (half the nail portion and bone).

Struck by moving object or equipment

- Employee was operating a rod tread machine when he opened the clamp too early and grabbed the spinning rod causing it to slam against the wall of the machine and cutting off tip of right index finger.

Struck by tool

- Employee was installing a new screw jack on a sheer line and was calibrating the encoder using a pair of vice grips to manually turn the motor shaft to calibrate the encoder. While making these adjustments, it is believed that the vice grips may have slipped, causing a partial amputation of his right middle finger and ring finger tip.
- Employee was in the process of using a grinder to cut off a piece of tubing. While cutting, the grinder jerked and cut his left wrist about 2" below the palm. He sustained two deep cuts which cut the artery in his wrist. He was taken to the hospital, admitted for surgery.

333 - Machinery Manufacturing

Caught between

- Employee was using a vertical milling machine and had a partial amputation of the right thumb and ring finger.

Caught between moving objects or equipment

- Employee was in the process of cleaning a pin on a metal lathe when their hand got caught in the chuck of the lathe resulting in a broken left arm, thumb, index finger, and ring finger.
- Employee was working in the shop with a co-worker repairing a piece of oilfield equipment known as an active heave drawworks (AHD) drum shaft. He was holding a 24" crescent wrench with his left hand to slightly turn the drum of the AHD while he inserted a bolt into the equipment with his right hand. The drum is designed to rotate. As he was inserting the bolt, the drum rotated and the wrench slipped from its position and his left hand was pinched against the wrench and the frame of the equipment. He suffered an amputation to the tip of his left hand index finger.
- Employee received an amputation to his right thumb distal phalanx when he reached into the chain area of a fan top conveyer and his thumb was pulled into the chain and sprocket.

Caught between stationary and falling equipment or objects

- Employee drove a forklift over an area that had a grate. The grate was not metal and was rated for about 350 lbs. The forklift fell into the water capture pit, tipping to the side, and pinching his leg between the grate and the forklift fracturing three bones in their left foot.

Caught between stationary and moving equipment or objects

- Employee was using a CNC machine and was loading a piece of ramshaft and was using his left hand to hold the tailstock. When he pushed the button to tighten the tailstock, it began to close and his thumb and index finger were caught between the piece of material and tailstock. His left index finger and thumb were crushed and had surgery to amputate the left index finger.

Entangled in running equipment or machinery

- Employee's right hand was caught in a running shaft of a manual lathe as he was in the process of polishing with emery when his work glove was caught-in the running shaft and his right middle finger was torn off which resulted in an amputation.

Exposure to harmful substances

- Employee was cleaning a copy machine and while trying to open the filter compartment to finish the cleaning by rinsing with water, the pressure exerted on the lid caused the employee to spray his eyes with possible traces of a sodium hypochlorite solution.

Fall lower level nonmoving vehicle

- Employee fell while dismounting a forklift and suffered hip injury resulting in hospitalization.

Fall on same level

- Employee was at a customer's residence working in the attic retrieving tools. He squatted down and as he stood up, he felt lightheaded with blurred vision. He fell and struck the attic beam with his head. He was found by the customer and 911 was called. He was later admitted for surgery.

Struck by

- Employee cut his leg while at work and went to the hospital.
- Struck by falling object or equipment
- The employee was helping to install a package air conditioning unit on a custom build table stand. The unit was set down but a corner did not go all the way down. The unit struck the employee's left hand amputating the middle and ring fingertips.

Struck by moving object or equipment

- Employee was attempting to polish a part on a manual lathe and placed their hand near the chuck while it was moving injuring his hand and forearm.
- Employee was injured when his order picker was bumped into by another order picker in the same aisle suffering strains.

334 - Computer and Electronic Product Manufacturing

Caught between stationary equipment or objects

- Employee was reconditioning a circuit breaker and caught the tip of his thumb between the mechanism resulting in the amputation of the tip of his thumb.

335 - Electrical Equipment, Appliance, and Component Manufacturing

Caught between stationary and moving equipment or objects

- Employee was using a shearing machine and as he was positioning the metal bracket to be cut his hand slipped and he stepped on the foot pedal that brought the blade down and he cut four fingers off on his left hand.
- While removing a transformer, an employee's finger was pinched between the transformer and another object, amputating the tip of their left index finger.
- Employee was removing a jammed die from the wedge on a core former with an unapproved tool. It closed once the jammed part was removed and he suffered an amputation of the left pinky finger.

Entangled in running equipment or machinery

- Employee was sanding a part on a horizontal lathe machine when the sand paper caught his gloves and his two fingers on right hand were cut off after being caught in the rotating part on the lathe.

Fall on same level

- An employee was moving an electrical component part from a pallet to a table and stepped on the pallet which made him trip. He fell to the ground and the part he was lifting landed on his hand causing a partial amputation of his left ring finger.

Struck by rolling object or equipment

- Employee was preparing to rig a utility pole on the ground for lift/placement. The pole was being positioned with a cant hook. He lost control of the pole and it rolled into the ditch and struck his ankle/leg. He suffered a fractured right ankle.

336 - Transportation Equipment Manufacturing

Struck by falling object or equipment

- An employee was assisting the fitter to lift a metal object underneath a bar. The chain broke and the piece of steel plate hit her on her hard hat and shoulder resulting in a minor brain bleed.

Struck by moving object or equipment

- Employee was working on a 1'x8' steel plate for installation on structure that was being fabricated. He stepped on a piece of metal that had been welded on the steel plate which caused the plate to rear up and strike him in the shin. He suffered a laceration and was admitted for surgery.

337 - Furniture and Related Product Manufacturing

Struck by falling object or equipment

- Employee was loading quartz slabs onto a customer's truck. He lowered the slabs back onto the floor to adjust straps and tripped and fell. One of the quartz slabs was unsupported and fell onto his right arm breaking it.

Struck by flying object

- An employee was in the rough mill department submitting a job request. They were standing in the area behind a straight line rip saw while a co-worker was cutting wood for another job. The plank of wood being cut kicked back, striking them and she was impaled through her abdomen and into the arm.

339 - Miscellaneous Manufacturing

Caught between moving objects or equipment

- Warehouse employee was packaging product in 55 lb. bags and stepped up on a moving conveyor. This caused his leg to be pulled between two moving parts of the conveyor crushing his left leg.

Caught between stationary and moving equipment or objects

- Employee smashed her thumb on the sealer while sealing medical devices in the clean room causing her nail on her thumb to fall off and bleed.
- Employee reached into a disassembled air controlled valve to remove metal strapping. The valve closed and caught their left index finger which had to be surgically amputated.

Struck by flying object

- Employee was unpacking testing equipment. They attempted to release the bungee hooks when the first cord slipped out of their hand and the metal s-hook hit their left eye.

423 - Merchant Wholesalers, Durable Goods

Body movement

- An employee injured their lower back while loading angle iron onto a truck and was later diagnosed with a slipped/herniated disc.

Burns hot liquids

- Employee was stockpiling sand with a loader unit. The loader started to get hot so he pulled over and opened the radiator cap. Hot radiator fluid sprayed out on him. He went home thinking he would just put cream on the burns but they were worse than he initially thought. He went to a medical clinic and they referred him to a hospital. He had thermal burns to the bicep and down the right side of chest and ribs.

Caught between moving objects or equipment

- An employee was attempting to help the planer operator get the planer unjammed when his arm was pulled through a roller. He suffered three broken fingers, a fractured hand, soft tissue damage and lacerations.

Caught between stationary and moving equipment or objects

- Employee was attempting to transfer material from the recoiler to the coil cart and placed one hand on the material and the other hand on the console. Operating the console, they turn on the push plate while his hand was on the steel material to prevent the coil from uncoiling and their left hand was caught between the push plate and the steel material suffering a laceration of the left hand and vein.
- Employee was working on a saw placing 4" x 4" pieces of wood. The guards of the saw lowered and their left hand was caught in between a piece of wood and the guard. The tip of the middle finger was amputated.
- Employee was installing an under dispenser containment sump and their finger got caught between the sump and the bracket severing the tip of the left middle finger.
- Employee was working on a milling machine with a pry bar when his middle finger was pinched in the milling machine resulting in a partial amputation.
- Employee had finished delivering compressed gas cylinders to the site and was putting the pallet back on his truck. While adjusting it, his right pinky finger got caught between the 100-200 pound steel pallet and the truck tombstone (pallet securing device). The tip of his pinky finger was amputated and he also had a nail bed avulsion.

Fall lower level ladder

- Employee was conducting a job walk with a customer on an 6'-8' elevated surface when he mentioned that he was feeling dizzy and asked to go down. The customer said he went down the ladder and the feet of the ladder slipped out and he fell to the ground suffering a broken right fibula and tibia.

Fall lower level nonmoving vehicle

- Employee was getting out of his truck. He slipped and lost his grip and fell, breaking his right ankle on the concrete.

Fall lower level structure or equipment

- An employee was helping to stack baking pans at the plant's loading dock when he stepped backwards falling 3-4' off the loading dock injuring his head.
- Employee was taking food to a reefer truck to store food. He was able to use the stair to get on the reefer. When they were exiting the reefer by using the stairs, the top of the landing collapse along with the employee. It was found that the stairs were held up with zip ties instead of the stairs pins which weren't used. He suffered a fractured shoulder, elbow, and pelvis.

Struck by blade/knife/sharp object

- Employee was working on a 60kw generator in the workshop. He removed a fan guard to check the belts on the engine and noticed squeaking so he wanted to spray some lubricant on the belt. The fan was still running when he went to spray and the fan caught a finger on his right hand causing a large laceration. His right index finger was medically amputated above the second knuckle.
- Employee was cutting a 7' long x 0.5" glazing door bead panel using a miter saw. He placed his hand where the board should be placed and his right middle finger was lacerated and possibly amputated.

Struck by falling object or equipment

- Employee was moving tubing and chrome bar with a crane in a warehouse when the materials fell forward striking him. He was hospitalized with fractures in both legs below the knee.
- Employee was sorting empty compressed gas cylinders when he tripped and tipped a new empty cylinder over. The cylinder struck his right leg fracturing the right femur.
- Employee was assisting a new guy with a saw and getting a job offloaded and new job started. They were unloading large, 10" diameter 30" long stock. The material was too long and the employee thought it was going to hit the front of the saw. He believed he still had enough material on the saw to remove the magnet and make adjustments but as soon as he unhooked the magnet the material started to fall. He tried to push against the material to keep it from falling. He couldn't stop it from falling and it fell on his leg and broke the femur.

Struck by moving object or equipment

- Warehouse employee was standing on top of a pex pipe rack helping another employee put pex tubing in a "boat" or pipe rack. The boom that was on a forklift to lower the pipe down smacked into his toe while they were trying to get the pipe unstrapped. He suffered a broken toe and the bottom part of the toe had to be amputated.
- A crane operator in a warehouse was standing next to the transfer table when he was stuck by 48' long tubing. The tubing was on the tubing transfer table which lifts the tube into the area to be processed and cut by the horizontal bandsaw. The tube is 6" x 6"x5/16" thick and 48' long. He was taken to the hospital and admitted for observation for his right arm.

424 - Merchant Wholesalers, Nondurable Goods

Body movement

- Employee was lifting a heavy mixing bowl and pulled his groin suffering a unilateral inguinal hernia and was hospitalized.

Caught between stationary and moving equipment or objects

- Employee was selecting cases from pick slot using a pallet jack. He lost control causing his right ankle to get caught between the wall and the pallet jack. He suffered a fractured right ankle and was hospitalized.

Struck by blade/knife/sharp object

- Deli clerk partially amputated her left middle and ring finger operating meat slicer while slicing pepperoni cubes.

Struck by falling object or equipment

- Employee was troubleshooting a machine. They bumped a pallet and stacked slip sheet material fell off and struck their right leg fracturing it.
- An employee was loading cardboard into a compactor when the safety door dropped onto his right hand causing the amputation of the tip of his index finger.

Struck by powered vehicle

- A delivery driver was unloading empty pallets out of his trailer with a walkie jack. There was a third party contractor on the forklift stacking pallets on the dock also. While he was standing with his back turned on the dock, a forklift operator backed his forklift into their foot.

441 - Motor Vehicle and Parts Dealers

Assault by other person

- Employee was working at the parts counter and was shot in chest by an armed robber suspect.

Entangled in running equipment or machinery

- Employee completed a repair on a conveyor and reached under the conveyor and his glove got caught on the conveyor belt. He sustained multiple abrasions to his left hand.

Fall on same level

- While conducting inventory in the stockroom, an employee tripped and fell. On the way down, he reached out to brace his fall on a nearby rolling ladder and cut his left middle finger, resulting in partial amputation of first index.

Struck by flying object

- Employee was airing up a tire when it ruptured from the wheel assembly striking his left hand. He suffered a deep laceration and was taken to the hospital by ambulance.

442 – Furniture and Home Furnishings Stores

Struck by moving object or equipment

- An order picker operator moved the lift prior to the ground assistant's clearance resulting in a guide wheel impacting their left foot in the toe area causing a laceration and dual fracture of the left big toe.

Struck by powered vehicle

- An employee was struck by a powered industrial truck. The employee was emptying trash from one location to another. While walking to pick up a trash can, they stepped out of a designated pedestrian walking path and was struck by a forklift causing him to be pinned between the forklift and a support pole. They sustained a fractured pelvis and suspected internal organ damage.

443 - Electronics and Appliance Stores

Fall lower level ladder

- Technician was on a ladder leaning up against a customer's house when he lost his balance and fell to the ground breaking his ankle.
- Employee was on a ladder in a customer's home trying to bring down a TV from a ceiling mount. He lost his balance on the way down with the TV, and the ladder fell from under him and he fell on top of it. He suffered an injured rib and punctured lung.

444 - Building Material and Garden Equipment and Supplies Dealers

Caught between stationary and moving equipment or objects

- Employee was picking orders using a forklift. He had trash to throw away and drove past a dumpster and went to throw the trash out and caught their hand between the forklift and dumpster. They suffered a fractured and lacerated right hand requiring hospitalization.

Fall on same level

- Employee was sweeping and picking up trash in a concrete and masonry warehouse and tripped and fell over a board breaking his hip.

Struck by falling object or equipment

- Employees was spotting for a forklift carrying a load of drywall. The drywall shifted and slid off the forks of the forklift and struck the spotter fracturing his left femur.

Struck by moving object or equipment

- While on the floor area of the store, an employee lost their balance while operating an electric pallet jack resulting in their foot slipping off the jack and getting run over by the equipment.

445 - Food and Beverage Stores

Caught between stationary and moving equipment or objects

- Temporary worker was operating a cherry picker forklift. He had one pallet on the forks and another unsecured pallet on top of the secured one. As the forklift was moving backwards, the pallets clipped the rack and the

unsecured pallet was pushed towards the operator and pinned his right foot between the pallet and the rack. The injury resulted in amputation of his right pinky toe.

Fall lower level moving vehicle

- Employee was loading helium tanks into a tractor trailer when the driver suddenly began to drive away. He fell out of the trailer onto the ground at the loading dock fracturing their ankle/foot.

Struck by blade/knife/sharp object

- Employee amputated the tip of his left index finger while operating a band saw to cut fish.
- Employee was cutting meat with a band saw and amputated the tip of his middle finger.
- Employee was using a meat band saw cutting round steaks where the blade guard wasn't adjusted and cut the tip of his left thumb off.
- Employee was cutting beef feet in half on the meat saw and the beef foot part jumped because the blade got momentarily caught and he suffered an amputation to his left middle finger between the first and second joint from the tip.
- Employee was operating a meat saw and was cutting a rack of chops when at some point during the process his right index finger was amputated at the tip.

Struck by falling object or equipment

- Employee was attempting to dispose of a scrap walkie-rider into an open top dumpster, using a reach truck. They drove the reach truck on an uneven and damaged surface, with an elevated load, which caused the reach truck to overturn. Their head impacted the concrete surface resulting in a contusion to head/brain.

446 - Health and Personal Care Stores

Assault by other person

- Working at the front of the store, an unhappy customer threw a bottle of wine at them striking them in the head causing a skull fracture.

447 - Gasoline Stations

Assault by other person

- Employee was working in a convenience store and was shot in the thigh by a suspect at the store.

Fall on same level

- Employee was coming out of the restroom and while they were walking, they slipped and fell from sand from a customer's shoe. They sustained a pelvic and cheek bone fracture from the tile floor.

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

Fall on same level

- Employee was standing on a pallet to reach for a bike box on a shelf and slipped and fell injuring her right hip which required hospitalization for a possible fracture.

452 - General Merchandise Stores

Fall

- Employee fell while removing a mattress from a shelf when the strap on the mattress.

Fall on same level

- Employee was working in the infant department stocking and maintaining products on shelves when she tripped on a piece of grid work and fell fracturing her left elbow.

Struck by powered vehicle

- An employee was struck by a motor vehicle while gathering basket carts throughout a parking lot. He was walking on a sidewalk headed to a break area when he was struck by a vehicle that was pulling into a parking spot injuring his left leg.

453 - Miscellaneous Store Retailers

Exposure to harmful substances

- Employee was working in the store and was exposed to a gas leak from another business in the mall. They became nauseous and light headed with tightness in chest and numbness in the arm.

Fall lower level ladder

- Employee fell off ladder while reaching for a shoe. They landed on their back and head. She had a headache/dizziness and drove home. Their mother took her to the hospital where she was admitted.

Fall on same level

- An employee was in the bakery freezer gathering items when she tripped on a possibly slippery or uneven floor and fell breaking the right leg.

481 - Air Transportation

Struck by rolling object or equipment

- A material handler was in the process of unloading an aircraft when a container rolled over his foot and the lock hit it, piercing through his steel toe boot and crushing the top part of his toes and foot.

484 - Truck Transportation

Burns chemical

Caught between stationary and falling equipment or objects

- Employees were relocating the blow molding machine from one place to another. The machine tipped over and pinned the employee causing a hernia and laceration on the right side of the abdomen.

Fall lower level nonmoving vehicle

- Employee was checking a trailer during pre-trip for unloading equipment and fell out of back of the trailer fracturing the left ankle.

Fall on same level

- Employee delivering packages and was running back to the truck and slipped and injured his knee.

Struck by falling object or equipment

- Employee was working on a commercial axle in the mechanic department. He lifted the axle with a jack and the axle fell off, landing on his left hand. They suffered injuries to his left four fingers and later had a partial medical amputation to the middle finger.

Struck by high pressure water

- Employee was cleaning a tank with a pressure washer. They bent down to clean debris and accidentally activated the pressure washer wand. The pressure washer wand entered his boot, causing him to be hospitalized with a laceration to the top of his left foot.

Struck by moving object or equipment

- An employee was hospitalized after suffering a left arm fracture while operating a powered industrial truck. The employee was operating a stand-up forklift. They oversteered while turning into an aisle and attempted to prevent the stand-up forklift from contacting a storage rack by placing out her left arm, which struck the storage rack, fracturing it.

Struck by rolling object or equipment

- Employee was driving a forklift and rolled it over breaking their leg.

486 - Pipeline Transportation

Struck by shifting load or equipment

- Employee was turning a vessel head using a crane when the vessel head shifted and landed on his hand causing a partial amputation of two fingers on left hand.

488 - Support Activities for Transportation

Caught between stationary and moving equipment or objects

- Employee was raising the lift gate on a box truck. He had paperwork nearby and while the liftgate was raising into place his paperwork fell. As a reaction, he grabbed the paperwork as the liftgate was closing and it caught his thumb between the plate and the truck. He suffered an amputation of the tip of his left thumb.

Entangled in running equipment or machinery

- Employee was assisting a crane picking up a bundle of plywood when he noticed that one of the lifting straps was twisted as the lift was taking place. He tried to kick it straight and his leg got caught in the strap as the bundle was lifted causing his leg to break requiring surgery.
- A longshoreman was working a vessel at the ship channel when another vessel was passing by. It caused the mooring line to the vessel to break from the dock. He began to run and the mooring lines wrapped around him, picked him up, and dropped him. He landed him on the right side of his body and he suffered a dislocated right hip and broken upper right femur.

Fall lower level ladder

- An employee was climbing down a fixed ladder from a rail car when a gust of wind caused him to lose his coordination and he fell approximately 4-6' feet to the ballast rocks on his left arm breaking it.

Fall lower level structure or equipment

- While discharging a vessel, an employee left to go to lunch and fell about 5' while walking across a ramp that had the guardrails removed. He fractured his ribs when he hit the ground.

Injection

- An employee was painting a tank car when the paint gun got jammed. He attempted to unjam the paint gun and paint was injected into his left middle finger.

Other/unknown

- Employee is a lasher, which means that he unlashes containers and lashes them. He was handling rigging bars on that day that weigh about 40-50 lbs. He began to experience chest pain on the right side. Later that evening the chest pain increased. He went to the hospital which determined he had internal bleeding. He does not remember being injured.

Struck by falling object or equipment

- An employee was operating a reach truck and about to extract a pallet from an overhead rack. Before extracting the pallet, the forks on the forklift fell/collapsed back onto the employee. It was determined that the lift was missing pins. The lift was a rental that the company had just received.

Struck by flying object

- Employee was performing maintenance on aircraft landing gear when a piston from the landing gear strut released and struck him in the chest puncturing it.

Struck by powered vehicle

- Employee was walking in the warehouse and walked behind a forklift that was backing up. He was struck by the rear counterbalance of the forklift, fell to the ground, and hit his head when he fell. He suffered a fractured right tibia. He was admitted for overnight observation for the head injury.

Struck by rolling object or equipment

- A railroad conductor was operating a 4-wheeler at the facility. He attempted to turn around in front of a train as it approached him at approximately 5 mph. The 4-wheeler front tires hung up on the tracks and he was unable to free the 4-wheeler. He did not dismount prior to the train impacting the front tires and rolling the 4-wheeler. He suffered scrapes along the side of his torso and upper leg.

491 - Postal Service

Exposure to heat – environmental

- Employee was delivering packages on his route and began to feel bad. He notified management and they called 911 to be dispatched to the employee's delivery location. He was transported to the hospital and he was admitted for a heat-related illness.

492 – Couriers and Messengers

Exposure to heat – environmental

- Employee was out delivering mail. Another driver was sent out to assist them with the delivery. When second driver got to the location, he notices the employee was not feeling well. An ambulance was called and they were admitted to hospital for heat related illness.

Fall on same level

- Driver was delivering packages and tripped over a rock and hurt their left knee and arm.

493 - Warehousing and Storage

Caught between stationary and moving equipment or objects

- Employee is lift driver and was putting away and replenishing food storage on racks in the grocery distribution center. He lost control of the lift and attempted to stop it and his left ankle got jammed between the lift and a rack. He suffered a laceration to the left ankle and fracture to the heel.
- Employee had just mounted a double walkie-rider and was pulling out of its parking spot. He proceeded to make a sharp U-turn to make their way to their department. In order to perform this turn, he had to turn the steering yoke/arm quite far, reducing the area which they could stand on the operator's platform. When they attempted to make that sharp turn, they lost their footing on the operator's platform and began to fall off of the machine. When he fell, they landed in front of their walkie-rider, which was still moving, as it collided with a separate, parked walkie-rider. His right leg was impacted by both of the machines' operator platforms resulting in fractures to their right tibia and fibula.
- Employee was unloading his trailer when he lost control of his electric walkie pallet jack causing him to get his right index finger caught between the jack handle and a stack of pallets. He suffered a partial amputation of right index finger.
- Employees were installing a refurbished cargo pump onto a tank. An employee on a cherry picker was using his left hand for signaling and used his right hand to hold the pump. He signaled to the crane operator to raise the cargo pump into position. The cargo pump got caught on an obstruction, causing tension to build on the boom of crane. When the pump was freed, it jumped vertically smashing the employees' right hand between the pump flange and a piping flange directly above the pump. He suffered a crushing injury to the right hand.

Struck by powered vehicle

- Rail operator was working as a grounds man with a second employee on the ground as a switchman in the rail yard, together with the locomotive operator. The employees were setting rail cars to be released from the site. A switchman was connecting an end of train device on the string of rail cars to be released and the ground man was

with him, while the locomotive operator was on standby inside the locomotive in the adjacent rail track. Grounds man stepped into the adjacent track at the front end of the locomotive without calling for a red zone or alerting the other employees. The locomotive operator moved the locomotive forward and struck grounds man, causing him to fall and have his left leg amputated above the knee and the groundman sustained injuries to his right foot.

- Warehouse employee was riding on the back of a forklift. The forklift operator went to back up and they jumped off of the back of the forklift. His pant leg got caught on the hook that was on the back of the forklift and their right foot was ran over by the forklift.

Struck by rolling object or equipment

- While helping other employees roll pipe on a rack, an employee's left thumb was caught between two joints of pipe, causing an amputation to the tip of their left thumb.

517 – Telecommunications

Fall lower level skylight

- While walking on a roof top placing a telecommunications wire, a technician fell through a fiberglass roof lighting panel and landed approximately 20' below on the concrete floor receiving a head laceration requiring staples, a concussion, multiple rib fractures, punctured lung, multiple abrasions, fractured bone in hip/pelvic area.

Fall through surface

- Employee running a DSL line fell through an attic ceiling after a rafter broke. He fell to the concrete suffering a broken left ankle.

522 - Credit Intermediation and Related Activities

Fall on same level

- An employee was walking around the teller station on her way to the lobby when she tripped over her feet and fell on her ankle injuring her right knee.

531 - Real Estate

Body movement

- Employee was pushing a dumpster back into place after waste management had emptied it. While pushing the dumpster, he twisted his left ankle.

Electric shock

- Employee was 6' up on a ladder checking for a leak through an air conditioner access panel inside an apartment. He felt an electric spark from the AC unit and fell off the ladder to the concrete ground.

Fall lower level ladder

- Employee was repairing a light fixture from a ladder and fell from the ladder breaking their leg.

Insects, snakes, animals

- Maintenance technician was doing grounds clean-up when he stuck his hand inside a bush to retrieve some trash. He suddenly felt a bite on his middle finger, but thought nothing of it as he wasn't in any pain. He woke up the next morning and noticed that his finger was swollen and he could barely move it. He was sent to a medical facility to have his finger treated. A few days later and he was sent to the emergency room because the infection had spread to his arm and he was admitted.

532 - Rental and Leasing Services

Caught between stationary and moving equipment or objects

- Employee was moving a heavy piece of steel and had their left index finger pinched between two pieces of steel when trying to direct it while the steel was on a forklift. He suffered a contusion/amputation on the tip of the left index finger.

- Employee was manually manipulating a pipe puller and had a partial amputation of his left middle and ring fingers when they were caught between the inner post and the strut extension of the pipe puller.

Struck by falling object or equipment

- Employee was standing on the back of a crane truck guiding the forklift operator to load trench shoring plates (16', 720 lb. per plate) to the back of a truck. The plate began to slide off the forks of the forklift and he jumped off the truck to avoid injury. The plate landed on the ground and part of it hit the tip of his steel toe boots. He suffered a fractured of right ankle and a torn ACL of the right knee.

Struck by moving object or equipment

- Employee was working on the hood of a truck to taking off the grille. While removing the grille, he cut the strap that was holding the hood in place and the hood sprung open and knocked him to the ground. He broke his hip in two places and was admitted to the hospital.

541 – Professional, Scientific, and Technical Services

Caught between stationary and moving equipment or objects

- Employee was following another employee through a door into the lab area. They reached for the door as it was closing and miscalculating the situation, they got their finger smashed between the frame of the door and the door itself. They suffered a fingertip amputation.

Exposure to heat – environmental

- Employee was delivering packages and he started cramping and not feeling well. The employer told the employee to seek medical attention and he was hospitalized for a heat related illness.

Fall lower level moving vehicle

- Employee was loading up bales of banded cardboard into the back of a 53' trailer. He finished loading a bale, tapped his horn, and begin to back out of the trailer. The truck driver heard the forklift horn, and thinking the forklift operator was finished, pulled away from the loading dock. The forklift he was operating fell out of the back of a moving trailer. The truck driver stopped right away. The employee suffered a fractured L2.

Fall lower level scaffolding

- Employee was securing the bolts on a scaffold in a tank and fell about 10' resulting in a head injury with swelling of the brain and a broken left elbow.

Fall lower level stairs

- An employee returning from lunch and missed a step and tumbled down five stairs in the company parking garage. They were hospitalized with a broken shoulder blade and a laceration to the back of the head.

Injection

- Employee suffered an injection wound to the back of his left leg when he was struck-by abrasive blasting material while repositioning his blast hose and inadvertently activated the trigger.

Struck by falling object or equipment

- The crusher hammer was not properly lock/tagged out while collecting samples from a long mechanical sampling system at a facility. There was a clog in the crusher part of the conveyor belt and he stuck his hand in there to clear a plug and the hammer fell onto his finger causing an injury.

Struck by tool

- Employee was adjusting a wrench to tighten a bolt to repairing a rail track when his fellow worker stepped on the wrench and his right index finger was caught between the wrench and bolt head. He suffered an amputation to the right index finger up to the first knuckle.

561 - Administrative and Support Services

Electrical burns

- Two employees were setting up a 40' ladder to access a building's roof and the top of the ladder accidentally made contact with a live power line. Both employees were shocked, one was hospitalized for electrical burns to his foot.

Entangled in running equipment or machinery

- Employee was attempting to calibrate a gate and placed light pressure on the equipment causing the PLC to attempt another calibration. The sprocket caught his glove and index finger when it turned. They pulled and twisted their hand back. The glove was ripped and his right index finger was amputated above the first knuckle.

Exposure to harmful substances

- Employee was spraying a cleaning chemical on the floor, as part of the sanitation process. The hose came loose spraying the chemical into the employee's eye.
- After a fire at a chemical plant, the employee was cleaning soot and inhaled it resulting in a chemical related illness.

Exposure to heat – environmental

- An employee was operating a weed eater during landscaping activities when he became dizzy and overcome with heat exhaustion. The company foreman took the employee to the hospital where he was admitted for heat exhaustion.
- Employee was returning from lunch break when he started feeling lightheaded and their hand was tingling. They walked to the nearest rest picnic table where security saw him. Employee was suffering from dehydration.

Fall from and struck by same vehicle

- Employee was mowing at an apartment complex on a 60" riding mower. They were getting off of the mower while it was running. Her leg got caught on the mower, causing her to trip. She grabbed the acceleration handle to catch herself, causing the mower to accelerate and run over her left leg. She was hospitalized and her left leg and foot were amputated from 3" to 4" below the knee.

Fall lower level ladder

- Employee was using a 6' ladder to retrieve plant material. He was standing on the third rung from the top when he fell off the ladder suffering a broken collarbone, fracture rib, and a severe bruise on the lung.

Fall lower level stairs

- Employee was returning a gas meter to the equipment trailer and fell while walking down the steps fracturing her left fibula, tibia, humerus, shoulder, and ribs.

Fall lower level structure or equipment

- Employees were cleaning up the area around an 8' retaining wall. One employee was below the wall handing trash to the employee at the top of the wall. The employee on top reached over the edge and fell and suffered a slipped disc.

Fall on same level

- Employee was walking in the warehouse and tripped over a pallet and broke his left femur.

Struck by blade/knife/sharp object

- Employee was cleaning the outside of a fruit cutting machine with water and started opening the covers without disconnecting or isolating the energy source. When he opened the blade cover, the blade cut sections of her index, middle and ring finger resulting in partial amputation of index and ring finger.
- Employee was operating a metal forming machine when a part of the machine pushed through a piece of sheet metal and it lacerated his right index finger splitting it open to the bone.

Struck by falling object or equipment

- Employee opened the doors of a trailer that contained empty wooden pallets. When he opened the doors, the pallets fell on him. He was struck on the left shoulder injuring the shoulder and lower back.
- Employee was lifting a 600 lb. lab table onto a box truck using a lift gate and at some point, during this process the table wobbled over falling onto his left index finger crushing it.

Struck by flying object

- Employee felt something hit his eye while weed eating in the store pond area. At the time, he did not realize the severity. As the day went on his eye became itchy and by the time he was off work, the pain he was experiencing became intolerable and he decided to go the hospital that evening. He underwent surgery and was hospitalized overnight for observation.

Struck by moving object or equipment

- Employee was operating a golf cart and struck a piece of metal while turning a corner resulting in a severe laceration on his leg.

Struck by rolling object or equipment

- Employees was spreading fertilizer using a stand-on 60 gallon spreader sprayer machine. The machine went down a slope and rolled over trapping him beneath it. He suffered fractured ribs and a pneumothorax.

Struck by shifting load or equipment

- Temporary employee was waiting for the crane to deliver a load of lead pipes so he could unrig it. The load struck his leg while he was unrigging it causing a fracture.

Struck by tool

- Employee was cutting through vines with a chainsaw when the chainsaw got entangled in a vine and jerked back, striking him in the left forearm resulting in a laceration.

562 - Waste Management and Remediation Services

Exposure to heat – environmental

- Employee was working in a trailer cleaning up a chemical. He walked out of the trailer, clutched his chest, and collapsed from dehydration.

Fall from and struck by same vehicle

- Employee was servicing a residential garbage customer from a rear load truck. The truck hit a small bump in the road and he fell from the riding step to the ground and the rear tire ran over his foot.

Fall lower level ladder

- Employee mis-stepped while descending a ladder and fell approximately 7.5' and broke their leg.

Struck by falling object or equipment

- Employee was walking by the side of truck trailer. A wheel loader operator accidentally pushed a bale of cardboard over the side of the truck trailer while offloading. The bale of cardboard weighing approximately 900 pounds struck him resulting in back injuries.

Struck by rolling object or equipment

- Employee was separating a pile of metal pipes by size and adjusting them before picking them up with a forklift. A pipe rolled onto his hand, amputating his left middle fingertip.

611 - Educational Services

Fall lower level ladder

- Employee was on a ladder of the roof of a service building in the boiler room area attempting to reset an alarm on the boiler. She lost her footing on the ladder and fell approximately 12' to the floor fracturing the right ankle.

621 - Ambulatory Health Care Services

Fall lower level structure or equipment

- Employee was at a patient's home providing hospice care and fell off of the patient's porch breaking her left leg.

Fall on same level

- Employee was preparing to start her shift and was gathering supplies to stock her cart. She was walking over to the shelf to pick up some patient literature and her right foot twisted inward. As she placed her weight on the foot this caused her to lose her balance and fall forward. She fell hitting her elbow, lower arm, and hip, fracturing the left elbow.

622 – Hospitals

Caught between stationary and moving equipment or objects

- Employee was attempting to move a vendor's electric pallet jack to allow a group of new employees to pass when they lost control of the pallet jack and it pinned her right foot between a wall and an object crushing it.

Fall on same level

- Employee was assisting a new mother and tripped over an I.V. line fracturing their left hip requiring hospitalization.
- Employee was leaving after work and made it to the 3rd floor of the building. She had not left the elevator area, when her foot stumbled and her shoe skidded. She fell forward head first into the jam of the elevator door. She suffered a head laceration, broken arm, and broken ribs.
- A patient care assistant was closing the door to a patient's room and the floor was wet outside of the room. They slipped and reached for the door to hold themselves up and it closed on their hand/fingers amputating the right ring finger in the door jam.

Other/unknown

- Allergic reaction to flu & HepB vaccination at the workplace.

Struck by falling object or equipment

- While at the warehouse bottom loading dock, an employee was trying to strap down a dolly loaded down with vinyl panels. The dolly w/vinyl, 3-400 pounds, tilted over on top of him injuring his back.

623 – Nursing and Residential Care Facilities

Fall lower level stairs

- Employee was walking down a flight of stairs in the parking lot when she missed a step, tripped, and fell fracturing her left leg.

Fall on same level

- Employee was walking down the hall talking to an employee when they fell back and hit their head resulting in a spinal injury.

624 - Social Assistance

Struck by falling object or equipment

- Employee tried to catch a falling dock plate and sliced his left thumb off. The thumb was medically reattached.

711 – Performing Arts, Spectator Sports, and Related Industries

Struck by falling object or equipment

- Employee took a pipe from the back of the pile and another pipe rolled down and struck him on his back leading to his hospitalization.

713 - Amusement, Gambling, and Recreation Industries

Exposure to heat – environmental

- Employee performing caddying duties and started cramping and became overheated mid-round and went to the clubhouse to cool down but was not able to. He was transported by ambulance to hospital and was hospitalized for possible heat stress.

721 – Accommodation

Fall on same level

- Employee was walking around a ball room for a catered event and slipped on some spilt water and fell to the ground dislocating his shoulder.

Struck by blade/knife/sharp object

- Employee was cutting an orange with a knife while holding it in his hand and ended up cutting his finger which required hospitalization.

722 - Food Services and Drinking Places

Assault by other person

- The husband of one of our employees went up to the store and was trying to get his wife to go home. When she refused, the husband pulled out a gun and shot the store window. The wife turned to run, and the husband shot his gun again. He ended up shooting another employee in the shoulder and the back. The employee was transported to the hospital and went into surgery.

Body movement

- Employee was unloading food from the truck to the freezer and suffered a back pain/sprain. He went home and the family took him to a hospital.
- Employee was in the freezer area handling merchandise. They picked up a 40 pound box and felt a pain in her lower abdomen area and was hospitalized for muscle strain.

Burns hot liquids

- Crewmember was placing chicken into the fryer and when he leaned over towards the fryer and lost their balance. They placed their hand down into a portion of the fryer to catch themselves and burned their left hand and left arm.

Explosion of pressure vessel, piping, or tire

- Employees were in the kitchen preparing foods when a pressure fryer exploded and hot oil splashed on two employees causing 3rd degree burns.

Exposure to heat – environmental

- Employee was working in a sports bar that had a broken AC. He left work feeling sick and went to the hospital the next day and was admitted for a heat related illness.

Fall lower level structure or equipment

- Delivery driver was loading his dolly onto the back of his truck and fell off the back of the ramp to the ground fracturing his ribs and puncturing his lung.

Struck by

- Employee smashed his finger in the restroom and after returning from the restroom fell and passed out.

Struck by blade/knife/sharp object

- Employee was butterflying a filet with a steak knife and lacerated his left index finger and had surgery for left index finger nerve damage.

Struck by falling object or equipment

- Employee standing in an elevator when a contractor's ladder fell on her head lacerating it.

811 - Repair and Maintenance

Caught between moving objects or equipment

- The forklift operator was about to drive away when the driver of a flatbed truck drove forward causing the operators right hand to be caught in between the rear cab and the front end of the flatbed causing ring finger amputation and multi-digit lacerations.
- Employee was using a shroud roller to bend metal bar stock (11" long x 1-1/2" wide x 1/4" thick) when his left index finger was caught in the roller, resulting in partial amputation of the finger.

Caught between stationary and moving equipment or objects

- Employee was lifting a pump that was to be repaired using lifting equipment. The pump shifted and his hand became caught between the boat deck and chain. He suffered a crushing injury to the right hand involving the index and middle fingers.

Entangled in running equipment or machinery

- Employee was operating a vertical turret lathe. As the workpiece was rotating at approximately 22 rpm, the employee, standing on an elevated work platform, leaned over towards the workpiece. As he leaned over, his arm was struck by a rotating magnet that was attached to the rotating workpiece. This caused him to fall forward and become caught in between the vertical turret lathe table chuck and the back of the turret wall. The lathe was only equipped with a chip guard. He sustained a lacerated spleen, fractured scapula, bruised brachial plexus, fractured ribs, and head lacerations.

Explosion of pressure vessel, piping, or tire

- Employees were changing or torquing bolts on a leaking naphtha flange. An explosion occurred during the process of tightening or changing out the bolts resulting in 3rd degree burns and metal fragments in the body to two employees.

Fall on same level

- Employee was passing out paper clips in the parts department. She had turned on the light, passed out the clips, then turned the light off in the room. When she turned around, she ran into a chair and fell breaking her right hip

812 - Personal and Laundry Services

Fall on same level

- Employee was heading inside to take a break and tripped and their head hit the sidewalk.

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

Fall on same level

- Employee was running after a soccer ball to kick it back into play for the children she was watching. She stepped on, or tripped, over the ball resulting in an injury to her ankle that required surgery.

921 – Executive, Legislative, and Other General Government Support

Fall through surface

- Employee was in the process of executing a search warrant and was walking in the attic of a house that was being searched. The rafter gave way when he stepped on it and he fell through onto the floor below breaking ribs and general injuries to the torso.

922 – Justice, Public Order, and Safety Activities

Arc flash

- Worker was working with a staff member to trouble shoot an HVAC system. They took the electric panel off to look at it, and the worker used a multimeter on the wires inside. There was an arc flash and the worker received a burn on the left hand and right hand.

*Disclaimer: Preliminary information – The OSHA Fiscal Year (FY) runs from Oct 1 through September 30. Fatalities and Catastrophes are logged or recorded in various mediums and reports generated using various criteria. Late reporting, natural causes which may have generated an initial report, fatalities transferred to other jurisdictions and other factors may affect the overall numbers over time. Some incidents may end up not being work related. Once medical determination is made the information will be updated SE TX data is edited to determine an estimate of incidents under OSHA jurisdiction and may change over time as records are updated. Narratives are based on the first report of injury and is usually used 'as is' with editing for readability and may not reflect the final results of an investigation. Motor vehicle incidents, sole proprietors, Covid-19, drug related, suicide etc. are not generally included. The numbers and information are for accident prevention purposes and trending and is not intended to be a statistical study or evaluation. The goal has been to track the same types of incidents to get a rough comparison on whether core incidents increased or decreased. For questions contact the Houston North OSHA Office, Jim Shelton, CAS, at shelton.james@dol.gov.