



Pesticide Illness Surveillance
All Event Summaries (2014)

Event	Event Narrative	#	Active Ingredient(s)
140002	A 46-year-old female van driver at a substance abuse facility went into her office, unaware that the building had been treated for bed bugs 4.5 hours earlier. The building has few doors and poor ventilation. She developed a headache and respiratory health effects.	1	Piperonyl butoxide Pyrethrins beta-cyfluthrin Imidacloprid
140005	A 66-year-old male long haul truck driver developed dermal symptoms that started on his ankles and spread to other parts of his body after the inside of his truck cab/sleeper compartment was sprayed with various insecticides for bug infestations. He had slept in the cab on sheets that had been treated with the insecticides. His symptoms developed over a period of several weeks while traveling in multiple states. Upon returning home, he sought health care and was diagnosed with dermatitis.	1	Piperonyl butoxide Pyrethrins Esfenvalerate Prallethrin gamma-cyhalothrin Pyriproxyfen
140006	A 28-year-old female experienced exacerbation of asthma when her home was treated with two products for mold abatement for two days in a row. She left the home and minimized time there, but reported health effects the following two days. A Washington State Department of Agriculture (WSDA) investigation found that maintenance employees applied bleach at 25% dilution, more than 6 times in excess of the maximum allowable rate on the label.	1	Sodium hypochlorite 3-(Trimethoxysilyl)propyl
140008	A 50-year-old female with a significant medical history developed respiratory, neurological, and ocular symptoms after adding gelatin and a mole and gopher bait product containing zinc phosphide to boiling water to make homemade mole bait "worms". Her symptoms began 1-2 hours after breathing fumes from the mixture and lasted about a day. She sought health care the same day and was discharged the following	1	Zinc phosphide (Zn3P2)

	day. She was diagnosed with acute exposure to phosphine gas.		
140009	A 46-year-old female went to the emergency room with a headache and other symptoms after spraying an aerosol insecticide in her trailer for three days in a row. She did not ventilate.	1	None
140010	A 10-month-old was over-exposed to permethrin cream. She had been diagnosed with eczema and when her condition worsened; her mother took her to a clinic where she was prescribed the cream for a rash thought to be caused by scabies. Her mother reported that she was provided no direction for use and applied to the baby for four consecutive nights, leaving it on during the evening and rinsing off in morning. The mother contacted WA Poison Center for advice six days after initial exposure. The baby was having sleep disturbances-kept waking up, and crying "as if in pain" according to mother. Additionally the mother reported observing respiratory difficulties and baby's eating was off (reduced). On advice from Poison Center, mother took her to a Hospital Emergency Department where she was evaluated, attended to, and released. The physician observed dermal symptoms and diagnosed permethrin overdose.	1	Permethrin, mixed cis,tra
140012	While removing his sweater at his residence, a 33-year-old male landscaper accidentally got some granules of a ferrous sulfate-based moss killing product in his eye, then developed ocular symptoms that lasted about a day. He sought medical care the following day and was diagnosed with chemical conjunctivitis.	1	Ferrous sulfate monohydra
140013	After treating their apartment for ants with three different insecticides (bait, powder, and spray) two days in a row, a 42-year-old mother and her 13-year-old daughter developed neurological and gastrointestinal symptoms that lasted one to two days. Both have allergies and the daughter has a history of tremors and asthma. Only the daughter sought health care.	2	Boric acid Borax (B ₄ Na ₂ O ₇ ·10H ₂ O) (1 gamma-cyhalothrin
140014	A 28-year-old male firefighter found a 2.5 gallon sprayer with liquid in it. He accidently sprayed in his face and arms, which he washed for 20 minutes with soap and water. He reported skin irritation but did not seek medical attention.	1	Glyphosate-isopropylammon Nonanoic acid
140015	A 43-year-old female security guard was working her shift at a shopping center. When she opened a door, she was hit with a tank mix of two herbicides. A lawn care company was conducting treatment for the ornamentals around the building. She was drenched with the tank mix and felt a number of dermal, ocular and respiratory symptoms. She washed her face five minutes later and showed up at the clinic. Her symptoms dissipated after 24 hours except for some gastrointestinal symptoms that lasted 36 hours. The next day she went back to work and was seen at the clinic for follow up. She did not want to file a complaint against the lawn care company because she felt it was an accident.	1	Pendimethalin Prodiamine
140017	A 19-year-old cashier at a Lowe's store developed dermal symptoms shortly after a liquid pesticide containing canola oil spilled on her right hand and arm. Symptoms lasted about two hours. She did not seek	1	Canola oil

	health care.		
140018	A 16-year-old male developed paresthesia and swelling on his feet after he was exposed to insecticide that dispensed on him as he activated foggers. He went to the doctor.	1	N-Octyl bicycloheptene di Tetramethrin Fenvalerate Esfenvalerate
140019	A woman in her 8 th month of pregnancy works in an office. A professional pesticide control company treats the office regularly. They have applied products at least three times this week and she reports that she was in the building for about one hour each time. She reports smelling a strong odor and experiencing respiratory and gastrointestinal symptoms during and after the applications. She has asked the applicator and a co-worker to notify her before spraying.	1	Imiprothrin Cypermethrin
140020	A 76-year-old male was spraying an aerosol insecticide containing petroleum distillate for ants on his kitchen ceiling. Some of the spray came back down on him. He inhaled it and got some on his skin, then went outside for fresh air. Two hours later, he developed respiratory symptoms and sought health care. His symptoms lasted about a day.	1	o-Phenylphenol Prallethrin lambda-Cyhalothrin
140021	A 40-year-old female with diabetes was spraying her yard for weeds with a Roundup product containing diquat dibromide. When she opened the pressure sprayer to fill it back up, some of the contents sprayed back onto her, exposing her face, eyes, nose, hands, and mouth. She didn't immediately remove her contaminated clothing or shower following the incident, so some of the product remained on her arms and torso. She became nauseated and developed chest pains, respiratory, and dermal symptoms within an hour of the exposure. She went to the emergency department multiple times, before being admitted to the hospital for a week. Her symptoms lasted about two weeks.	1	Diquat dibromide Glyphosate-isopropylammon
140022	A 41-year-old male, diagnosed with asthma days earlier, sprayed an apple orchard with an organophosphate insecticide. He used an air-blaster sprayer and was driving an enclosed cab tractor. He finished a tank of the product and decided to mark the location where he finished the tank. He wore a half-face mask and when he came out of the cabin, he accidentally hit a tree branch causing his respirator to detach, inhaling some of the spray. The product has a four day restricted entry interval, meaning a person should wait four days before entering without protective clothing. He developed some respiratory symptoms and asked his supervisor to take him to an ER. His examination was normal and he was discharged hours later. He returned to work the next day, but not to spray.	1	Chlorpyrifos
140023	A 27-year-old male landscaper and co-workers were spraying with backpack sprayers at a customer's residence. He wore goggles and other personal protective equipment (PPE). It was very windy and blow-back spray got into his eyes. He sought medical care for eye injury.	2	Glyphosate-isopropylammon

140024	A 28-year-old male farm manager, a licensed applicator, developed gastrointestinal symptoms shortly after injecting a restricted-use pesticide into soil in his carrot field and accidentally inhaling some. He was not wearing the required respiratory protection at the time. He was seen and released from the emergency department the same day. His symptoms lasted a day.	1	Metam-sodium
140025	A 41-year-old female veterinarian with a history of asthma and a 24-year-old female vet technician both developed headaches, respiratory irritation, and nausea when they were exposed to phosphine gas from a sick dog's vomit in the ICU of an animal hospital. They had previously given the 70 lb. dog emetics and taken her outside for 5-10 minutes. When they brought the dog inside it vomited. Neither female sought medical care.	2	Zinc phosphide (Zn3P2)
140027	A 63-year-old male farmworker was tying apple tree branches for 4.5 hours while someone was airblast spraying the trees across the same field, which had scant foliage. He developed neurological and gastrointestinal symptoms. He went to the emergency department the following morning when his headache persisted.	1	Chlorpyrifos Mineral oil - includes pa Aliphatic petroleum solve Sulfur Clofentezine
140029	A 29-year-old male spray applicator, wearing contact lenses and safety glasses, sprayed a hop field with an insecticide. The applicator did not notice any specific exposure while spraying the insecticide with an air-blaster. However, after finishing work he noticed burning in his right eye. He indicated scratching the eye without washing his hands. He sought medical care one day later and was seen twice for follow-ups. He did not miss any days from work, but felt discomfort for three days.	1	Chlorpyrifos
140031	A crew of 19 females and 1 male farmworker were tying cherry tree branches at the same time a neighboring pear tree orchard was sprayed with a tank mix from two tractor-pulled airblast sprayers. The workers were dispersed, and their distance from the edge of the pear orchard ranged from 30 to more than 350 feet. All 20 crew members reported symptoms during or immediately following the application. The crew leader called 911. All workers reported two or more symptoms consistent with those caused by the pesticides applied to the pear orchard. Emergency medical services personnel decontaminated fiveworkers at the orchard and transported them to an emergency department. A total of 16 workers eventually sought medical care. Environmental samples and clothing from two workers were analyzed at WSDA labs. Several samples were found to be positive for active ingredients of the pesticides applied to the neighboring pear orchard.	20	Mineral oil - includes pa Aliphatic petroleum solve Phosphoric acid Novaluron Triflumizole Pyridaben
140032	A family of four was prepping to paint the exterior of their home when an airblast sprayer came towards them, spraying the apple orchard 15 feet away from their property. The licensed applicator didn't stop, even as the family saw him and rushed to get inside their vehicle. An 8-year-old boy and his 14-year-old sister reported upper respiratory and eye irritation and headache; their mother, age 40, reported the same. The	3	Chlorpyrifos Mineral oil - includes pa Aliphatic petroleum solve

	41-year-old father ran from the house to the car to deliver keys. He was asymptomatic. WSDA samples were positive for the insecticide.		
140033	Two adults reported symptoms after an air blast sprayer application of insecticide to an apple orchard adjacent to their residence drifted onto their property. One was at home for about a half hour during the application and experienced respiratory, ocular, neurological, and dermal symptoms that lasted about a day. He sought health care advice from his health care provider the same day. The other resident returned home after the application ended. She experienced respiratory and ocular symptoms that lasted about an hour, but did not seek health care. Both reported a pepper-like odor. The WSDA investigated. Residue samples collected from the garage windows closest to and adjacent to the orchard were positive for chlorpyrifos.	2	Chlorpyrifos Mineral oil - includes pa Boron Zinc
140034	Six male farm workers ages 25 to 37 smelled and/or felt pesticide drift while they were taking a lunch break. A spray applicator from an orchard located just next to them was spraying lime sulfur. The applicator was approximately four rows away, approximately 150 feet away, from a narrow dirt road that divides both orchards. Some workers saw the spray moving towards their vehicles and to their direction. Four workers felt the spray on their faces. The workers developed a number of gastrointestinal, neurological, and ocular symptoms. One of the workers smelled the spray but was asymptomatic. None sought medical attention. WSDA samples tested positive for sulfur residues on their clothing, and other materials in both orchards.	3	Calcium polysulfide
140035	A 50-year-old male contractor and two of his employees monitoring an underground hazardous waste tank at a Federal Facility reported health effects after herbicides were applied from a truck-mounted sprayer by other contractors working nearby. None of the three employees were wearing respiratory protection at the time. The contractor who reported the incident did not feel the spray, but detected an odor. Within a half hour, he developed upper respiratory symptoms that lasted one to two weeks. He reported that one of his employees became nauseous and developed respiratory symptoms, and that the other developed a headache. The contractor and one of his employees sought health care offsite. The other employee was seen by an on-site medical provider. DOH reported the incident to Safety & Health staff at the U.S. Department of Energy, Richland Operations Office.	1	Bromacil Diuron Chlorsulfuron Aminocyclopyrachlor
140036	A 45-year-old female farmworker was pruning in a vineyard when she noticed air blast spraying in a distant orchard. She soon developed symptoms and moved to another area to work. She then noticed another air blast application. She could smell the pesticide. She reported vomiting, throat irritation and other symptoms and was taken to the hospital. Other workers were reportedly ill, but were not able to be contacted. WSDA investigated and found application records for an orchard approximately one mile away from the work area. Sixteen days had elapsed since application, so samples were not taken.	1	Chlorpyrifos Kerosene Mineral oil - includes pa Sulfur
140037	A 28-year-old male unlicensed pesticide applicator was spraying lime sulfur to an apple orchard and removed his eye protection when he mixed more to spray. The chemical splashed in his eye. He sought medical	1	Calcium polysulfide

	attention two days later.		
140040	A 19-year-old male who works as a janitor at a fruit storage facility, was exposed to bleach and moisture on his job. He experienced dermal symptoms on his hands and arms so he sought health care. Symptoms improved after treatment, lasting about a month. No work time was lost.	1	Sodium hypochlorite
140041	An adult resident of a County operated multi-unit housing facility reported that she experienced symptoms from exposure to Nuvan No Pest Strips. The facility where she lives is trying to get rid of bed bugs. She was instructed by management to put her clothes and other belongings into a large plastic bag. She was told to "be careful" and to use plastic gloves provided to her. She was to leave the bag for 2 weeks. During an interview she reported that the bag had a hole in it and she could smell the product. Upon opening the bag, two weeks later, she inhaled deeply the pesticide and became immediately sick. There were at least three strips in the bag. She had been feeling ill, a little headache and more tired than usual for the two weeks, but upon opening the bag she experienced increased neurological symptoms, gastro-intestinal symptoms, and intense fatigue. She contacted WA Poison Center for advice.	1	Dichlorvos
140042	While at his house, a 57-year-old male developed gastrointestinal, respiratory, and neurological symptoms shortly after accidentally ingesting a small quantity of a concentrated Roundup product. The product might also have contained diquat. He was transported by ambulance and admitted to the emergency department critical care unit where he was evaluated, treated, and released later the same day.	1	Glyphosate
140043	A 47-year-old female farm worker was thinning apples trees at the same time a pesticide applicator, from the same farm, was applying sulfur with a plant growth regulator and three fertilizers. She developed a number of gastrointestinal, dermal, and neurological symptoms the same day. She sought medical attention. DOH collected the clothing she wore that day and her clothing had sulfur residues. The worker was drifted a second time while working in the same orchard nine days later. These incidents were referred to the Washington Department of Labor and Industries (L&I) for investigation.	1	Calcium chloride Sulfur Prohexadione calcium Cytokinin (as kinetin) Forchlorfenuron
140044	A 7-year-old female developed respiratory, gastrointestinal, and ocular symptoms after discharging a Raid fogger in an enclosed bathroom in their home. She was exposed for 5-10 minutes while in the bathroom. Her mother took her to the Emergency Room where she was treated and released the same day in stable condition.	1	None
140045	A 24-year-old male farmworker developed eye irritation when sulfur was applied on a windy day to apple trees on the same farm in which he was pruning. Attempts to interview the worker were unsuccessful.	1	Sodium 1-naphthaleneaceta Calcium polysulfide
140048	Four male workers, ages 23 to 48, were loading ladders onto a trailer on the side of a road. At the same time, an airblast sprayer was applying Lime-Sulfur Solution to thin the blossoms on the trees in a neighboring orchard. The applicator indicated that he saw the workers and was approximately 90 feet away from them.	4	Calcium polysulfide

	<p>However, the workers stated the applicator was 15 meters (about 49 feet) away from them. The workers reported that they felt the pesticide on their skin and also breathed the spray. They described experiencing gastrointestinal, ocular, respiratory, and neurological symptoms right after being exposed. One sought medical attention the day of the incident and was also seen for medical follow-up four days later. The other three workers went to the orchard housing units where they showered, changed clothes, and returned to work.</p>		
140049	<p>A 37-year-old female home owner developed a brief altered taste in the mouth and gastrointestinal symptoms after she reported smelling a pesticide application. She was at home when she saw the applicator spraying a pear orchard in front of her home. She then ran to get her kids, who were playing in a sand box in the backyard, and brought them inside. The orchard is approximately 140 feet away from the front of her home. While picking up her kids, she smelled what she considered a strong toxic gas. She developed an immediate sour taste in the mouth and some gastrointestinal symptoms that lasted 15 minutes. WSDA sampled foliage and vegetation in front and back of the property and did not find the active ingredient of the fungicide and bactericide applied that day. WSDA decided to take no action on this event because samples were negative.</p>	1	<p>Oxytetracycline hydrochloride Propylene glycol</p>
140050	<p>A 24-year-old male farmworker was turning on a water pump in the apple orchard. He was behind a tall motor and didn't see a person spraying the orchard across the road. When he turned to look, he got sprayed in the face. The sprayer didn't stop or say anything. The farmworker washed his face in the shop and notified his supervisor who sent him to the clinic. He reported respiratory health effects.</p>	1	<p>1H-Pyrazole-5-carboxamide Penthiopyrad Imidacloprid</p>
140051	<p>Seven male telecommunication line installers, ages 21 to 34, were conducting their safety meeting adjacent to an apple orchard at the same time an applicator was applying lime sulfur by air blast sprayer. They were about 75 feet away from the applicator and a row of poplar trees divided the orchard from the location they were standing. The entire crew started to smell the rotten egg smell of sulfur and their supervisor decided to move away from the area. Some of the workers and their supervisor could smell the sulfur coming out of their clothes. All reported symptoms developing within 20 minutes after smelling the pesticide. They sought medical attention the same day at a hospital where they were decontaminated before being examined. Gastrointestinal, neurological, and ocular symptoms were reported. Samples collected by WSDA six days after exposure were positive for residues of sulfur close to areas the workers were gathered during the incident.</p>	7	<p>Calcium polysulfide</p>
140052	<p>A 47- and a 32-year-old female apple blossom thinner experienced drift exposure from an air blast sprayer. Both workers indicated they were 4 to 5 rows away from the application and both smelled the spray. DOH contacted the orchard owner and he recalled an incident where workers were close to the application. Both developed headache, dermal, and ocular symptoms. The 47-year-old sought medical attention two days later, but was not seen because the clinic she visited did not see state industrial insurance cases. The 32-</p>	2	<p>Calcium polysulfide</p>

	year-old had symptoms for just one day and did not seek medical care. Clothing from the 47-year-old tested positive for sulfur residues. This complaint was investigated by L&I after a DOH referral. The L&I issued violations. L&I indicated that 19 other workers were deflowering at same time on the block the application of Lime Sulfur Solution was conducted. A similar drift event happened to the same worker group nine days earlier.		
140053	A 36-year-old female farm worker was tying branches and leaves of newly planted trees at the same time a pesticide applicator was applying lime sulfur to a neighboring orchard. The worker reported smelling the odor for more than one hour and developed gastrointestinal and neurological symptoms at the work site. She was taken to an emergency department by a friend and was examined and discharged the same. She returned to work the next day. She was approximately 400 to 600 feet away from the application area. The foreman sent the crew home to make sure nobody else could get sick.	1	Calcium polysulfide
140054	A 25-year-old woman, her 16-month old daughter and 49-year-old mother (grandmother) were unloading groceries at the grandmother's home after shopping, when they noticed an airblast sprayer applying pesticides to the apple orchard next to their property. They applicator was approximately 165 feet away from a grass patch where the toddler was sitting. It appeared to them that the applicator was not going to stop spraying and the mother ran to pick-up her daughter to move her away from the potential drift. The mother reported that she smelled the spray as she picked up her daughter. All three of them developed temporary upper respiratory symptoms. They contacted WSDA and filed a complaint. WSDA collected samples around the home. A sample collected at the location where the toddler was sitting was positive for four active ingredients in the tank mix. Two active ingredients were found on the toddler's shirt.	3	Mancozeb Carbaryl Ethephon Emamectin benzoate Flutriafol
140058	A 36-year-old male farmworker was applying pesticides when sweat dripped in his eye. He removed his glove and rubbed his eye with the back of his hand. He noticed slight redness and tearing and went to a clinic.	1	1-Naphthaleneacetamide Acetamiprid Ethephon
140059	A 53-year-old woman was tipping blossoms from apple trees when she heard tractors. She climbed her ladder and saw three tractors pulling air-blast sprayers, applying pesticide to trees in her block. She estimates that she was about 300 feet away from the closest one. Her supervisor reported it was about 100 rows away, which would be about 700 feet away. She could smell the pesticide and felt a breeze blow by her as a tractor passed. A moment later, both of her eyes began to burn. She stopped working and rinsed her face and eyes at the work-site. Her eyes were red and painful and vision blurry. The secretary of the farm drove her to a clinic and while there, health care providers rinsed her eyes again. On a follow-up interview, she said that her eye symptoms lasted about three months.	1	1-Naphthaleneacetamide Potassium 1-naphthaleneac Carbaryl Paraquat dichloride Prometon Benzyladenine Gibberellin A4 mixt. with
140060	A 42-year-old woman was on a tractor spraying lime sulfur to apples, and the wind blew the chemical on her face around her goggles. Later that work day, she felt burning to the skin of her face and noticed the skin was	1	Calcium polysulfide

	burned. She sought medical care the next day.		
140061	A 20-year-old male was spraying an apple orchard with calcium polysulfide when he felt the spray hit his neck. He reported some dermal irritation and fatigue. He sought medical care three days later. By that time his symptoms had gone away. His employer and the applicator said he wore the required PPE. Nevertheless, the applicator felt the chemical on the neck.	1	Calcium polysulfide
140063	While outside at work spraying an herbicide concentrate for blackberry bushes, a 67-year-old female campground caretaker inhaled some of the spray and got some on her clothes and skin. She was not wearing any personal protective equipment at the time. She developed respiratory effects later that day and was still experiencing minor respiratory effects four weeks after the herbicide application. She sought medical attention four days after the incident and was diagnosed with acute pneumonitis due to chemical fumes.	1	Butoxyethyl 2,4-dichlorop Butoxyethyl triclopyr
140066	A 39-year-old female campground counselor at a YMCA camp applied an insect repellent containing 40% DEET to her face for mosquitos. She itched her left eye, causing some of the repellent to get in it. Shortly thereafter, she developed redness and pain in her left eye, then pain and hives on her face. Two days later, she sought medical attention where she was diagnosed with conjunctivitis and corneal abrasion. Her symptoms lasted about one week.	1	Deet
140072	A 66-year-old male unlicensed farmworker applying herbicide in a vineyard was untangling the spray hose when it unraveled and foam from the trigger gun sprayed in his eyes. Though no eye protection is required, he wore goggles, but not with seals around the eyes. He rinsed his eyes immediately and went to the ER.	1	Glyphosate-isopropylammon
140073	A 25-year-old pesticide applicator got herbicide and adjuvants on his hand when it spilled as he was trying to disconnect the pipe from the sprayer. The pesticide tank mix was from an application four days earlier. He went to the clinic.	1	Glufosinate
140076	A 19-year-old male apple orchard pesticide applicator developed an allergic reaction while he was applying two insecticides, which included a methylcarbamate and a growth regulator. He sprayed the orchard with an air-blast sprayer and was wearing the required PPE. Based on the investigation, he was not exposed directly. He stated that he developed inflammation in the throat and gastrointestinal symptoms. The employee was advised by the health care provider to stay away from pesticides. DOH was not able to interview the worker but was able to collect medical records and an employer accident report.	1	Carbaryl XDE - 175-J XDE - 175-L Prohexadione calcium
140079	A 29-year-old male licensed cherry pesticide applicator, pouring a fungicide powdered formulation in an air-blast spray tank, got hit with the product as wind picked up the material and hit his right eye. He developed irritation and teary eyes, which continued so he decided to get medical attention. Seven days later he was seen for follow-up and symptoms resolved.	1	Sulfur

140080	A 21-year-old male customer representative at an appliance rental company drove the company van on a 2-hour round-trip. It was cold outside and the windows were up. Five days earlier, he had set off six concentrated bug bombs because they'd moved a dishwasher filled with cockroaches. The van was aired out for a couple of days. After 40 minutes, he began feeling very hot; he rolled windows down partially. He developed chest pain, gastrointestinal, and neurologic health effects. He went to the emergency room.	1	Cypermethrin
140081	A 35-year-old male herbicide applicator was spraying an herbicide and two adjuvants inside an apple orchard. A hose containing the tank mix dislodged spraying his face with paraquat. He sought medical attention one day later and was seen for follow six days after his initial visit. He developed dermatitis on the face and numbness on the cheeks. His employer provided spray records indicating he sprayed the paraquat with two adjuvants. DOH was unable to interview the worker.	1	Paraquat dichloride
140082	A 24-year-old male herbicide applicator was applying a tank mix of two herbicides with a low boom sprayer. He wore safety glasses and still got some of the spray in his eyes. He sought medical attention the same day after developing ocular and upper respiratory signs of exposure. His employer provided spray records indicating he sprayed two herbicides and one of them was labeled as corrosive because it may cause irreversible eye damage.	1	Dimethylamine 2,4-dichlor Glyphosate-isopropylammon
140084	A 31-year-old male unlicensed farmworker applied pesticides for the first time, using an air blast sprayer for three hours. He developed a headache and dizziness approximately one hour after spraying apples. He wore a PPE suit and respirator with filters and reportedly did not notice any odor. He went to the emergency department of a local hospital.	1	Mineral oil - includes pa Aliphatic petroleum solve Acetamiprid Abamectin Triflumizole
140088	A 38-year-old female reported ocular, respiratory, neurological, and dermal symptoms about four hours after a gardener sprayed trees at a neighboring Christmas Tree farm. The woman was on her porch getting ready to go to work at the time. She didn't smell or feel the spray and did not seek medical attention. Her symptoms lasted about six hours.	1	Trifluralin Chlorothalonil Benefin Triadimefon
140089	A 40-year-old male lit and placed two smoke bombs containing sulfur in the crawlspace underneath his house to control rats. He was not wearing any personal protective equipment. He stayed in the vicinity of the smoke bombs until they were mostly spent. While in the crawlspace, he developed respiratory and cardiac effects. He sought health care immediately following the event. His symptoms lasted about a day.	1	Carbon Sodium nitrate Sulfur
140090	A 24-year-old male with a history of panic attacks sought medical attention several days after a licensed pest control operator treated baseboards and carpets in his apartment unit for an ongoing bedbug infestation. A total of six applications were made in his apartment unit over a 7-week period. At least one of the six applications was to his bed and couch. From one to three different products were used during each	1	N-Octyl bicycloheptene di Piperonyl butoxide Phenothrin Permethrin, mixed cis,tra

	application. The resident also used a bug bomb in a closet. He experienced various neurological symptoms including muscle cramping, paresthesia, dizziness, and headache that lasted about four days.		Ethofenprox Imidacloprid
140091	A 24-year-old male farm worker was pouring a bag of fungicide into a tank of an air-blast sprayer when the material splashed from the tank to his eyes. He wore safety glasses and still was exposed. He washed his eye for five minutes within one minute of the exposure. Still he developed burning and teary eyes. He sought medical attention the same day.	1	QST 713 strain of bacillu Pyraclostrobin Fluxapyroxad
140092	A 33-year-old male unlicensed farmworker at a wholesale Christmas tree farm went to the emergency department after insecticide squirted in his eyes as he loaded up his equipment after spraying. He irrigated his eyes immediately with a hose.	1	Chlorothalonil
140093	A 52-year-old Christmas Tree farm laborer developed a burning, itchy lesion on his left lower backside shortly after applying an herbicide to Christmas Trees. While spraying the trees, some of the product leaked from the backpack sprayer he was wearing, exposing his clothes and dripping down his back onto his backside. He sought medical attention several days in a row beginning three days after the exposure. His symptoms lasted one to two weeks. He was initially diagnosed with a chemical burn, then with Shingles.	1	Glyphosate-isopropylammon
140094	A 2-year-old may have ingested insecticide residue after handling a hose that his father had just used to apply the insecticide. The child vomited six times about an hour after the incident, then again the following morning. He awoke that morning with stomach pain. The child was seen at a health care facility the day after the incident. His symptoms lasted about a day.	1	Pyrethrins and Pyrethroid Bifenthrin Zeta-Cypermethrin
140095	A 30-year-old male licensed applicator was in an enclosed tractor, applying pesticides to hops. When he turned on the air conditioner, he felt discomfort in his eye. Yellow material, like the dust he was spraying blew from the vent. More than five minutes elapsed before he could rinse his eyes. He went to the ER, where they found no evidence of of anything in his eye.	1	Acequinocyl Bacillus thuringiensis su Bacillus thuringiensis Su Mineral oil - includes pa Aliphatic petroleum solve Spirotetramat
140098	A 46-year-old male spraying an apple nursery with a defective backpack experienced skin burning.. The tank mix contained paraquat and two other herbicides. He sprayed for four days and started developing symptoms two days after he started spraying. He sought medical attention six days later. He was seen for a follow-up appointment more than a month later and still had dermal symptoms at the time. The worker didn't know that he was spraying paraquat; he thought it was glyphosate.	1	Paraquat dichloride Oryzalin Isoxaben
140099	A 26-year-old female farmworker entered a vineyard to count clusters and developed a headache and respiratory irritation within one-half hour. The vineyard had been sprayed two hours earlier and no one was supposed to enter the vineyard was 12 hours after it had been sprayed. She worked touching the grapes,	1	Boric acid Fluopyram Imidacloprid

	wearing cloth gloves, not the required chemical resistant gloves.		Pyrimethanil
140101	A 55-year-old male and a 57-year-old female developed neurological and respiratory health effects when they walked their dogs on a university campus. High winds drifted pesticides applied by ground application at a farm next to the campus. The male sought medical attention.	2	Propanoic acid, 2-(4-(6-
140104	A 3-year-old female played outside in the yard at her house, where a high toxicity herbicide was sprayed earlier the same day. The company was spraying all lawns in the housing community and had left notices on doors to keep children and pets off the lawns. The child's parents were notified by a neighbor; their notice had fallen off the door. The parents reported noting a funny smell. The child developed gastrointestinal symptoms the next day and was seen twice in the ER. The family's dog was also ill. None of the family's older children reported illness.	1	Dicamba Triisopropanolamine 2,4-d Dimethylamine (R)-2-(2-me
140105	A 32-year-old female was holding her one-year-old son in their yard when she heard a helicopter overhead then felt mist. The helicopter flew over their home as it applied insecticide and fungicide to the adjacent strawberry acreage. The child's 34-year-old father called to his family to come inside, then stepped out briefly to see what was happening. The mother developed a headache and all three developed gastrointestinal symptoms. The family did not seek medical attention. WSDA samples taken were positive for the pesticides applied.	3	Fludioxonil Bifenthrin Cyprodinil
140106	A 20-year-old male accidentally sprayed his face after spraying mosquitos with an insecticide spray can. Shortly afterwards, he developed neurological, respiratory, cardiovascular, and gastrointestinal symptoms, including chest tightness, shortness of breath, dizziness, wheeze, and headache. He sought medical attention the following day. His symptoms lasted at least two days. The patient could not be interviewed so no other details about the incident are available.	1	N-Octyl bicycloheptene di Esfenvalerate Prallethrin
140107	A 34-year-old male farm worker said he was exposed to two different applications. One application was from an herbicide applied to a field where he worked pulling weeds; and the next day to a fungicide application. Spray records provided by the employer only documented the fungicide application. He complained about inhaling herbicide vapors and later going back to the same field, where an applicator was applying a fungicide. He developed a number of respiratory and gastrointestinal symptoms. He sought medical treatment three days later.	1	Propylene glycol Triflumizole
140108	A licensed applicator received sprayed himself on his face while spraying bushes for ants and spiders around the perimeter of a hotel with a pressurized hand-sprayer. While attempting to wash the product off his face, some got into his eyes. Shortly afterwards, he developed ocular pain and redness as well as redness and burns on his face. He sought medical attention the following day where he was diagnosed with chemical conjunctivitis. His symptoms lasted about one day.	1	beta-cyfluthrin

140109	A 45-year-old female and her 51-year-old husband developed a number of symptoms after an insecticide and a fungicide drifted on their home. She smelled the spray while feeding her animals outside the home, one hour after the application. Her husband came home approximately six hours later and could also smell the spray. She developed respiratory, ocular, and gastrointestinal symptoms; and he developed respiratory, neurological and ocular. WSDA samples were positive for both pesticides inside the property. WSDA determined that the prevailing wind was from the orchard to the property.	2	Quinoxifen Propylene glycol Spinosad
140110	A 36-year-old female and a 30-year-old male reported respiratory symptoms after sleeping in a cabin that was sprayed with insecticide along the indoor perimeter baseboards. They accompanied the landlord as she applied the insecticide. Each went to the emergency room on different days.	1	Bifenthrin
140111	A 38-year-old female developed respiratory and gastrointestinal symptoms within one half an hour of spraying insecticide to the outside of her home for carpenter ants. No windows were open. Three days earlier, the foundation and wall voids had been treated by a commercial applicator. There were no indoor pesticide applications. Her report of initial symptoms is possibly related to her application of insecticide outdoors.	1	Bioallethrin Deltamethrin Fipronil
140112	A 32 month-old male got lice spray in his eyes after his mother sprayed his car seat with it. The toddler had touched the seat and then rubbed his eyes. The following morning, he developed ocular pain and irritation, not wanting to open his eyes. That morning, his mother took him to the Emergency Room for evaluation and treatment. He was diagnosed with chemical conjunctivitis.	1	Permethrin, mixed cis,tra
140113	Two female farm workers ages 23 and 40 entered a field to check for blight and cut tree branches in a block that had been sprayed the same morning with an insecticide. Just before they entered the field, the block was also sprayed with an herbicide. Labels of both products require workers to not enter the field for a time period of 24 hours after the insecticide is sprayed and 12 hours for the herbicide. So they were not following the directions. The employees developed paresthesia characteristic of a pyrethroid exposures and both also developed gastrointestinal symptoms. One sought medical attention and was examined and discharged the same day. The employer provided spray records documenting the spray applications.	2	Glyphosate-isopropylammon lambda-Cyhalothrin
140117	A 50-year-old male facilities technician at a homeless shelter unknowingly entered a room that was actively being treated with three bug bombs. He was exposed for about 15 seconds before getting outside into fresh air. Shortly afterwards, he developed a severe headache and chest tightness/congestion. He sought health care the same day. His symptoms lasted several hours.	1	N-Octyl bicycloheptene di Piperonyl butoxide Pyrethrins Esfenvalerate Pyriproxyfen
140118	A 32-year-old salesman at a home improvement store was exposed in the face, head, and arms to diatomaceous earth containing silicon dioxide when a bag broke as he placed another bag on top of it. He	1	Silicon dioxide

	inhaled some and may have also ingested some. Shortly afterwards, he developed neurological and gastrointestinal symptoms, became fatigued, and sought medical attention. His symptoms lasted about five days.		
140119	A 50-year-old male pesticide handler developed ocular symptoms after he finished washing air-blasters and tractors after a lime sulfur application. He did not feel a specific exposure, but may have been exposed while he washed the pesticide application equipment. He wore safety glasses and a rubber suit. He sought medical attention five days later. Previously this same worker had been seen from an ocular infection in the eyes; he lost five days from work.	1	Calcium polysulfide
140121	A 21-year-old male herbicides applicator working in an apple orchard was applying herbicides around small trees. During the application the hose connected to the spray tank dislodged and the herbicides hit his pants. He sought medical attention the next day after experiencing some pain and itchiness. His employer indicated he was spraying a tank mix containing three herbicides, which included paraquat.	1	Paraquat Oryzalin Pendimethalin
140125	While working in his yard, a 50-year-old male with a pre-existing respiratory condition and chemical sensitivities was exposed to an herbicide when the wind blew it onto his property. His neighbor was applying it to his lawn with a garden hose. He was about 25 feet from the application site at the time. Immediately after the exposure, he developed respiratory symptoms that lasted about a week. He sought medical attention the same day.	1	Dicamba, dimethylamine sa Dimethylamine 2,4-dichlor Dimethylamine (R)-2-(2-me
140126	A 51-year-old male public works foreman developed a rash after spraying weeds for several hours at work. He smelled it on clothes when he changed. He sought medical attention for the rash, which persisted over a month.	1	Dicamba Dimethylamine 2,4-dichlor
140130	A 79-year-old woman with pre-existing asthma inhaled an insecticide when she recoiled from a bee that she'd been spraying. Her asthma symptoms got worse and she sought treatment at a hospital emergency department.	1	N-Octyl bicycloheptene di Esfenvalerate Prallethrin
140131	A 72-year-old female home owner developed dermal and gastrointestinal symptoms after placing weed and feed on her yard. She thought dust contacted her sweaty skin. The same evening she developed dermal irritation while showering. Two days later she sought medical attention. Her symptoms were limited to areas of her forearms not covered by gloves she wore and her shirt sleeves. She also developed some gastrointestinal symptoms that could be related to the dermal exposure, as the active ingredients of the weed and feed were chlorinated phenoxyacids.	1	Dicamba Acetic acid, (2,4-dichlor Mecoprop-P
140132	A 19-year-old male licensed pest control operator sprayed a restricted use pyrethroid insecticide for carpenter ants around a foundation wall perimeter using a truck-mounted power sprayer. While he was spraying, a dog knocked him over causing him to accidentally spray himself in the face, chest, neck, and	1	Bifenthrin

	mouth. The spray also soaked the shirt he was wearing, exposing his skin. About a half hour later, he developed gastrointestinal and neurological symptoms that lasted three days. He sought medical attention the same day.		
140134	A 69-year-old male tractor driver was driving a tractor on a main road at the same time as an aerial applicator was spraying a nearby corn field. The driver was hit with the tank mix, which contained an insecticide and a spreader. He felt the spray on his face and eyes and also breathed the product. He developed immediate burning in his eyes and a number of neurological and gastrointestinal symptoms. He sought medical attention the same day. The aerial applicator provided DOH records of the application. Due to the fact that the incident occurred in Tribal land, the incident was referred to Tribal Natural Resource Officer for evaluation.	1	lambda-Cyhalothrin
140138	An adult female orchard worker entered a block of trees and finished one block and moved to another. She worked that morning for about two and one-half hours when she noticed that she didn't feel well. Her skin was hot and her back was itchy. Her supervisors told her that the chemicals she could smell were just nutrients for the trees. She felt bumps and scratched, but was ignored. At home she checked her back in the mirror and saw and felt a bumpy rash all along her back. The rash diminished slightly after her shower. A couple hours later, though, the rash re-appeared on her arms and legs. Her mom took her to the hospital where the rash spread to her stomach, neck, torso, back, and face. She was given anti-histamine at the emergency room and observed. She's never had this reaction before.	1	Paraquat dichloride Glyphosate-isopropylammon
140140	A 29-year-old male was asked to dispose of nylon tarps used to cover the soil after an application of a fumigant containing methyl bromide and chloropicrin. According to the employer, application occurred seven weeks before he handled the tarps. The tarps were soiled and wet. He accidentally touched his face with the tarps and then smelled what he considered a strong odor on them. Within one hour of handling the soiled tarps he started developing dermal, ocular and neurological symptoms. He sought medical treatment the same day..	1	Methyl bromide Chloropicrin
140142	A 76-year-old male received accidentally sprayed himself with a fungicide he was applying with a hose-end sprayer to one of his peach trees. He was wearing gloves and a face shield at the time, but no respiratory protection. The spray blew back onto his clothing, face, and arms. He hosed himself off and showered following the incident. Within one to two days, he developed severe dermal symptoms on his back, chest, and legs, which lasted about three weeks. He sought medical attention one week after the exposure incident where he was diagnosed with contact dermatitis.	1	Chlorothalonil
140143	A 57-year-old female applied herbicide to her lawn and then mowed. After that, she applied pyrethroid granules to the lawn. She lay down in the grass and felt her back burning. She developed muscle aches and gastrointestinal symptoms that persisted for a week. She sought medical care.	1	Dicamba Diquat dibromide Fluazifop-butyl

			lambda-Cyhalothrin
140146	A 17-year-old male with bronchitis accidentally inhaled insecticide spray while applying the product around the outside of a motor home on his property to kill ants. He was not wearing a respirator and had not read the product label before applying it. He developed respiratory and gastrointestinal symptoms 15-20 minutes later that lasted less than a day. He sought medical attention the same day.	1	beta-cyfluthrin Imidacloprid
140150	A 29-year-old male pesticide applicator sprayed a tank mix to an apple orchard. The employee applied the tank mix for three days and on the third day he developed gastrointestinal symptoms. He said he breathed in the pesticide. He sought medical attention the same evening approximately eight hours after he started having symptoms. He was discharged two hours after the examination. The labels of both products don't require the use of respiratory protection while applying or mixing the products. DOH was unable to contact the employee. However, DOH contacted the employer and got information about the pesticides applied by the worker.	1	Mineral oil - includes pa 1H-Pyrazole-5-carboxamide
140151	A 54-year-old female was taken to the Emergency Department after experiencing gastrointestinal symptoms. She had recently applied a flea treatment product to the back of her dog's head and shoulders, then kissed and played with the dog about two hours later. Her symptoms resolved in less than a day but may have also been related to excessive alcohol consumption.	1	Methoprene Fipronil
140153	An 18-year-old female summer camp counselor awoke with painful burning around her ankle, where she wore an insect repellent bug band since the previous day. The burn blistered several times and she sought treatment from the camp nurse. The product advertises that it is child safe and instructs users to wear on wrists and ankles. The product statements also caution users not to sleep with the wristband or wear tightly.	1	Geraniol
140154	A 32-year-old worker at a fruit storage warehouse received a chemical burn to his left hand while handling a corrosive solution used for mold and mildew control. While pouring some of the solution into a measuring cup, some spilled onto his glove and leaked through onto his thumb. The worker indicated that the glove may have had a hole in it. His symptoms lasted two days. He did not seek medical attention, but did contact the Poison Center for advice.	1	Hydrogen peroxide Peroxyacetic acid
140155	Two farmworkers, female and male ages 27 and 26, worked tying grapes in a vineyard with others. They followed a tractor spraying low to the ground, and reported direct spray exposure. Two hours later, the woman vomited and fainted. They informed their supervisor, and were reportedly told the name of the herbicide. The man reported burning eyes and upper respiratory irritation. There was a language barrier, and the couple didn't have money for medical attention and were unaware of labor rights. The woman went to the emergency department more than two months later, after describing the incident to their new foreman. The foreman inquired about health because he saw her nose bleeding. The woman had suffered ongoing	2	Paraquat

	nose bleeds and developed respiratory symptoms since the initial incident. Spray records didn't coincide with estimated date of exposure.		
140156	A 72-year-old female resident with chemical sensitivities who is on the pesticide sensitive registry (PSR) reported that she became ill immediately after a commercial applicator spot-treated a one square foot area for weeds on an adjacent property. Then the man who was treating the weeds came to her front door to discuss the application. The applicator stopped the spraying when she told him she was on the PSR. She was concerned that she may have been exposed to herbicide residue on the applicator's clothing or to spray drift during the application. Her symptoms were primarily respiratory. No medical records were available. The WSDA investigated and issued a Notice of Correction to the applicator for applying a pesticide product without pre-notifying the resident. During the interview and investigation four days after the incident, WSDA noted that the resident was still experiencing respiratory symptoms. The resident told WSDA that the wind was blowing towards her house at the time of the application.	1	Dicamba, dimethylamine sa Diethanolamine (2,4-dichl Triethylamine tricopyr Sulfentrazone
140160	A 31-year-old male irrigator went to shut off a pump that contained pesticide and water when he noticed it seemed blocked. He accidentally cut the hose in the wrong place, trying to unblock it, and the diluted mixture splashed in his eyes. He rinsed immediately for 15 minutes and thought he was fine, but his vision started blurring. He went to the emergency room and his eye healed.	1	QST 713 strain of bacillu Oxamyl Fluazinam
140161	A 73-year-old male accidentally sprayed himself in his face while setting off a flea fogger. He went to the emergency department.	1	N-Octyl bicycloheptene di Piperonyl butoxide Pyrethrins S-Methoprene
140162	A 64-year-old female developed a rash, respiratory irritation and dizziness after using an indoor-outdoor insecticide around the home for carpenter ants and a hornets' nest. She was house sitting and the owners gave her the product, which she thought was perhaps a "green" product. She went to the emergency room.	1	Bifenthrin
140163	A 17-year-old male slept with his dog after treating it with a flea product containing imidacloprid and permethrin. He awoke the following morning with nausea and numbness in his tongue, mouth, and lips. He sought health care later that day. No interview or medical records were obtained, so no other details about the incident are available.	1	Permethrin, mixed cis,tra Imidacloprid
140166	A 26-year-old pregnant housekeeper at a motel stepped outside the room she was cleaning into a cloud of insecticide. Maintenance personnel had just walked by spraying wasps' nests in the awnings. She immediately went back in the room and shut the door. She vomited multiple times and had slight wheezing. She did not seek medical attention, but notified her supervisor and contacted WAPC.	1	Prallethrin lambda-Cyhalothrin

140169	A 29-year-old male spraying a miticide to an apple farm developed a number of upper respiratory tract symptoms after he smelled the product. He finished spraying and took off his PPE to wash the air-blast sprayer. He could smell the pesticide on the sprayer and around him; he developed symptoms of upper respiratory irritation. Worker Protection Standards regulations require workers to wear the required PPE while cleaning contaminated equipment. He was counseled at the health care facility to wait for the chemical to dissipate before removing the protective gear at work.	1	Fenbutatin-oxide
140170	A 69-year-old female may have exposed herself to glyphosate and 2,4-D while pulling weeds on her property. Earlier the same day, her son had sprayed the weeds with an herbicide product containing those ingredients. She developed dermal symptoms on her arm and around her mouth corresponding to where she had contact with the product. She sought medical attention several times over the subsequent two weeks. Her symptoms lasted at least five weeks.	1	2-4,D Glyphosate-isopropylammon
140171	A 40-year-old male was applying growth regulator to an orchard in the middle of the night and inhaled some fumes. He reported neurologic symptoms and nausea. He went to the clinic later that day.	1	AVIGLYCINE hydrochloride
140172	Forty-two female and 26 male farmworkers, including one woman who was pregnant, worked tying branches in an apple orchard. They reported hearing a plane flying overhead and smelled a strong noxious odor. The plane was spraying an insecticide with adjuvant to a potato field, located approximately 0.7 miles east of the apple orchard. Thirty two workers were in the rows closest to the potato field and the rest were further away. All but two of the workers reported experiencing more than one symptom. Ninety-three percent reported respiratory symptoms; 87 percent reported neurological symptoms; 56 percent reported gastro-intestinal symptoms and 37 percent reported eye symptoms. The number and severity of symptoms tended to increase the closer workers were to the application. Eight workers sought medical care. The pilot notified WSDA and samples were collected the same day and subsequent days. Workers' clothing and foliage samples not intended to be sprayed were positive for the insecticide.	66	Alcohols, C6, C8 & C10, e lambda-Cyhalothrin
140174	A 46-year-old employee of a wholesale perennial nursery was applying pesticides in a greenhouse when the hose moved and sprayed him on the face. He rinsed the area for several minutes and sought medical attention for the chemical burn.	1	Thiophanate-methyl Metalaxyl-M
140175	A 33-year-old male employee at a nursery developed dermal symptoms on his right arm after a plant growth regulator product he was spraying on chrysanthemums entered through a tear in the sleeve of the tyvek suit he was wearing, saturating his arm. Immediately following the incident, he washed his arm with soap and water then went home to shower. His primary symptoms lasted about three days, but he was still experiencing itching a week and a half after the incident. He sought health care the day after the incident where he was diagnosed with chemical exposure.	1	Daminozide

140178	A 46-year-old male farmworker developed severe itching and skin irritation on both hands after thinning in an organic apple orchard sprayed four days prior. All pesticides applied had requirements to wait for only four hours before entering; there are no PPE requirements for thinners. He sought medical care.	1	Bacillus thuringiensis su Bacillus thuringiensis Su Spinosad Azadirachtin Codling moth granulosis v
140180	A 71-year-old female ate a peach that had recently been sprayed with an insecticide to kill fruit flies. About two hours later, she experienced gastrointestinal symptoms, sweating, and a headache. Her nausea lasted about a week. She sought health care at the emergency department within a couple of hours after eating the peach.	1	d-trans-Allethrin Permethrin, mixed cis,tra
140182	A 22-month-old female developed a cough and rash on her face after spilling a small amount of pesticide containing malathion, carbaryl, captan, and petroleum distillate on herself. She may have also ingested some. Her rash lasted about two hours, but her cough persisted for several days. She was taken to an urgent care facility by her parents the same day and transferred by ambulance to a hospital.	1	Carbaryl Malathion Captan
140183	A 23-year-old male pesticide applicator developed eye irritation after spraying a grapevine. He wore safety glasses but was still exposed while making turns in the isles with the tractor. He sought medical treatment two weeks later. There was wind during the application and the air picked up the spray and it hit his forehead and eyes. He had to stop two hours later because of the pain.	1	2-Butoxyethanol Propylene glycol Hexythiazox
140186	A 47-year-old male licensed pest control technician was power-spraying the eaves of a house for bees with a pyrethroid insecticide. Some of the spray blew back into his face and mouth. Shortly afterwards, he developed gastrointestinal, dermal, and neurological symptoms. The duration of his symptoms is unknown as he quit his job while on medical leave and was unable to be interviewed. He was wearing some, but not all of the required personal protective equipment. He sought medical attention the day after the incident.	1	lambda-Cyhalothrin
140188	An adult female with Gastroesophageal reflux disease (GERD) developed fatigue and gastrointestinal symptoms after breathing a product containing malathion that had spilled in her garage and leaked onto the floor. She was exposed intermittently while entering and leaving her garage over a period of days. She sought health care the same day. The patient was unwilling to share any additional details about the incident.	1	Malathion
140189	An adult male reported that he, his wife, and their 20-month-old son developed symptoms several hours after noticing a chemical odor from an herbicide application to a railroad right-of-way, which was about 30 yards from their residence. Symptoms lasted a few hours and were primarily respiratory and neurologic. The family did not seek medical attention following this incident. The WSDA investigated and did not find evidence of a pesticide application violation.	2	Distillates petroleum, C1 Butoxyethyl 2,4-dichlorop Diuron Glyphosate-isopropylammon Butoxyethyl triclopyr

140191	A 64-year-old woman developed some upper respiratory irritation and neurological symptoms after she applied wood preservative to new wood steps on her porch. She worked for approximately five hours on this project taking breaks every hour to stay away from the strong odor of the product. Approximately two hours after she finished, she developed the symptoms. She sought medical attention six hours later. She was discharged the same evening. The product safety guidelines suggested the use of a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. She wore an unapproved dust mask.	1	Copper naphthenate
140192	A 69-year-old male placed a fly trap inside of a mobile home camper, where he was living, and two to three days later started developing upper and lower respiratory symptoms. He sought medical attention 10 days later. He already had a history of COPD and his exposure exacerbated his condition. He said he was told that he could use the product inside the camper by the store he bought it from. DOH referred the case to WSDA after the mobile home owner complained about being misinformed by the retail store. WSDA contacted the merchant about making recommendations contrary to the label, but also wrote the owner to always follow the label directions.	1	D(+)-Sucrose Indole Yeast Putrescent whole egg soli Trimethylamine
140194	While mixing a pesticide product containing 44% paraquat dibromide, a 54-year-old male service technician who is a licensed applicator, was sprayed on his right side after the equipment malfunctioned. He was not wearing the required respirator and face shield at the time. Immediately following the incident, he removed his shirt and hosed himself off with water. Two days later, he experienced redness and irritation in his right ear which lasted about 10 days. He sought medical attention, but not until five days after the incident.	1	Paraquat dichloride
140195	A 21-year-old male truck driver was transporting apple bins to a packing house when he was exposed to a mist from a drench line, which is where trucks run under a station and the bins are showered with an anti-scalding solution. He came out of his truck and his eyes felt the mist. He developed immediate eye irritation. He did not wash, as he indicated the irritation dissipated in seconds. However, the next day he woke up with ocular discomfort. He sought medical treatment two day later.	1	Diphenylamine Pyrimethanil
140197	While on patrol, two law enforcement officers stopped to respond to a leaking container of paraquat dichloride on the highway. One of the officers briefly lifted the container, then put it back down after realizing what it was. Except for some right eye itching, he had no other symptoms. The other officer was about 15 yards from the container directing traffic. He may have been exposed to some vapor from the product as the wind blew it towards him for about 15 minutes. He developed a headache, cough, and ocular symptoms that lasted less than a day. Neither officer wore gloves, respiratory protection, or other personal protective equipment while at the scene. They both sought medical attention the same day.	2	Paraquat dichloride
140198	An 83-year-old male with asthma, allergies, and other medical conditions sprayed a DEET product in his bedroom, housecoat, face, hands, and neck. He then wore his treated coat for several hours in the room that	1	Deet

	he had just sprayed. He had just returned from Canada and thinks he may have brought back gnats, which is why he was spraying the DEET. About a half hour later, he became itchy, jittery, and anxious, and developed a sinus headache and rapid breathing. He sought medical attention the same day. His medical provider noticed that he was scratching himself and occasionally jerking his body. His symptoms resolved in less than a day.		
140200	A tractor applied a fumigant by using a shank injection system to prepare soil for planting potatoes. The application occurred on a field neighboring a dry bean processing facility. Two male workers ages 37 and 41, and a 40-year-old female office manager at the facility reported smelling the product and developing a number of respiratory symptoms and a headache. Both male workers sought medical attention the same day and were seen for follow up eight days later. The office manager did not seek medical care. Washington State Department of Agriculture investigated the incident and determined there was an atmospheric inversion during the application, which may have contributed to the fumigant traveling to the facility. Treated soils were not properly sealed in accordance with label requirements.	3	Metam-sodium
140202	A 64-year-old male resident discharged a bug bomb in three different rooms in his home for gnats and flies. Two different brands of bug bombs were used; both brands contained the same pyrethroid active ingredient. At least one of the two products also contained petroleum distillates. The resident was exposed for 10 to 15 seconds before leaving the house. Within 15 minutes, he developed respiratory and ocular symptoms. His respiratory symptoms lasted about six weeks. He sought health care two weeks after the incident.	1	Cypermethrin
140205	A 25-year-old female put mothballs in and around her apartment to control a silverfish bug problem. She developed headache and nosebleeds and removed the products from her living area. She did not seek medical attention.	1	Naphthalene
140209	A 54-year-old female developed upper respiratory irritation and dermal pain after her kitchen and living room were treated with a termiticide-insecticide. She had entered the kitchen briefly during the application, but left and returned when the spray was dry. She sought medical attention.	1	Chlorfenapyr Fipronil
140210	A 25-year-old man got hit with a fungicide while he fumigated a control atmosphere room used for apple storage. His job consisted of filling up a container where the product is loaded and sprayed with a spray gun. A hose that connected to the compressor to the spray gun dislodged spraying the mixture of the fungicide with water in his right eye. He decontaminated with saline solution and sought medical treatment the same day. He was discharged without any work restrictions. The label of the product required the use of eye protection but he did not wear any. He said he thought the product did not require the use of eye protection.	1	Fludioxonil
140212	A 24-year-old crane operating engineer was sprayed by herbicide as he worked on a wind farm located in a	1	Glyphosate-isopropylammon

	wheat field. He developed dermal, eye, and respiratory irritation. The aerial application sprayed over and around him, leaving a thick coat of pesticide where he worked. He talked to their safety management who reportedly told them that things were fine and that they wouldn't be spraying if it was bad.		Glycine, N-(phosphonometh
140213	At various residential locations in a three-county area, a 44-year-old male irrigation technician applied a granular insecticide containing imidacloprid to control Crane Flies. He used a mechanical applicator over a two-week period. Shortly after the applications, he developed respiratory symptoms and a rash and burning on his legs, which lasted about a week. Rain had caused some of the product to run down his legs. His hands and arms were also exposed. He wore some, but not all of the required personal protective equipment during the applications. He sought health care a few days after the last application.	1	Imidacloprid
140215	Shortly after treating an apartment room with a pyrethroid insecticide dust, a 41-year-old licensed pest control operator developed respiratory and neurological symptoms. He was wearing a poorly-fitted, borrowed respirator that came off during the application. He sought health care five days after the incident where he was admitted and stayed for ten days.	1	Deltamethrin
140216	A 63-year-old female developed dizziness then gastrointestinal health effects after reentering her home three and a half hours after it had been fogged. She went to the emergency room.	1	Dinotefuran
140217	A 32-year-old woman was working outside her home, tending to her animals and gardens, when she heard "blowers" and saw four men in what she described were hazmat suits applying pesticide to the Christmas tree farm adjacent to her property. She saw a white cloud go over her property and immediately took her 20-month-old daughter and drove to the nearest fire station - away from the home and the oncoming cloud. She reported what happened to personnel at the fire station. She then returned to her home. She reported smelling an odor on approaching and entering her home. After a short while home she began experiencing neurological and upper respiratory symptoms and noticed her baby was extra fussy. When her husband returned from work he complained about the smell and called the fire department to express his concern. The fire department arrived and evacuated the home. She sought health care for herself and her daughter later that evening because symptoms persisted.	1	Endosulfan
140218	While washing her hair with a lice killing shampoo, a 38-year-old female developed ocular and facial dermal symptoms after accidentally getting some in her left eye and on her face. She sought medical attention the same day, was evaluated, and treated. She was diagnosed with corneal abrasion and contact dermatitis.	1	Castor oil Piperonyl butoxide Pyrethrum Pyrethrins Ammonium lauryl sulfate
140221	While in her office, a 46-year-old female information systems manager with a history of asthma and allergies noticed an odor as school facilities staff was spraying an insecticide for wasps outside the building. She left	1	d-trans-Allethrin Permethrin, mixed cis,tra

	shortly after the spraying began, but was exposed for a short time before leaving. She developed nausea and ocular symptoms several hours afterwards. Her symptoms resolved later that evening. She did not seek medical attention for this incident.		Tralomethrin
140222	While washing her hair with a lice shampoo, an 86-year-old female developed burning and irritation in her eyes after getting some of it in them. She received medical attention the same day. She was diagnosed with corneal abrasion in both eyes.	1	Piperonyl butoxide Pyrethrins
140223	A 48-year-old male maintenance supervisor and a 41-year-old female maintenance technician entered an apartment to make sure the evicted tenant had vacated the premises and begin cleaning. The apartment was 106°F and they noticed an extremely strong chemical odor. Both workers reported upper respiratory irritation, dizziness, and paresthesia. Emergency personnel were called to the scene and identified four empty pyrethroid fogger canisters. Both workers sought medical attention.	2	Imiprothrin Cypermethrin