



Pesticide Illness Event Summaries
2012 Exposures

Event	Event Narrative	#	Active Ingredient(s)
120002	Emergency Medical Services responded to a private residence where a toddler had gotten an insecticide aerosol product and an antimicrobial cleaner in his eyes. Both parents and emergency medical services contacted Washington Poison Center for advice. The child experienced ocular symptoms, skin redness around the eye, and was screaming and rubbing his eyes after exposure. Emergency Medical Services flushed his eye on site. His parents were advised to watch for signs and to seek further care if needed.	1	Alkyl* dimethyl benzyl am Didecyl dimethyl ammonium Octyl decyl dimethyl ammo Dioctyl dimethyl ammonium S-Methoprene Permethrin, mixed cis,tra
120003	A 34-year-old male herbicide applicator was trying to use a back pack sprayer with a frozen spray line. He pumped air into the tank twice. He used some pliers to open the nozzle and that is when he got hit with the spray. The spray hit both eyes and he sought medical attention one day later. He was not using eye protection because he indicated he was not spraying. The label did not require the use of eye protection.	1	Glyphosate- isopropylammon
120005	A chemically-sensitive 49-year-old female experienced ocular, upper respiratory, and gastrointestinal symptoms after re-entering her house shortly after setting off five pyrethroid foggers in four different rooms for mite control. She was seen at a hospital emergency department the same day. Symptom onset was almost immediate and lasted several days.	1	Piperonyl butoxide Pyrethrins Permethrin, mixed cis,tra Cypermethrin
120006	A 14-month-old female reacted to permethrin cream applied to her to treat for scabies. Her mother reported that the product was applied according to directions and that the toddler's lips swelled. During a	1	Permethrin, mixed cis,tra

	phone interview, the mother reported to a Pesticide Illness Investigator that her toddler was very sick, was choking, and had gastrointestinal, upper-respiratory symptoms and swelling. Her mother reported the family was homeless and that they were not able to get her toddler to a health care provider. She requested assistance to transport her child to a health care provider but did not want to contact 911 Emergency Services. DOH contacted a Local Health Department Public Health Nurse and they arranged a cab ride for mother and child to a community health clinic. The child was seen at the clinic the same day.		
120007	Shortly after entering a client's house, a 54-year-old male professional plumber noticed a chemical odor and then experienced upper respiratory and ocular symptoms. He continued to work inside the house for a half hour before realizing that foggers were recently discharged. He was seen at a health care facility about a week and a half after the event because of lingering symptoms.	1	Cypermethrin
120009	A 56-year-old chemically sensitive female developed respiratory and eye irritation after a company worked to remediate mold in a bathroom of her home. The company applied two moss-abatement products labeled for outdoor use in the bathroom. Windows were open during parts of the work and she stayed outside. When work was done at the end of the day, she re-entered. Due to the fumes and the symptoms she experienced, she left her home to sleep elsewhere. Washington State Department of Agriculture (WSDA) investigated and samples taken from the bathroom floor were positive for pesticide residue.	1	Sodium hypochlorite Trisodium phosphate Zinc sulfate monohydrate
120011	A 48-year-old female resident experienced neurological, respiratory, and gastrointestinal symptoms after moving into a basement room in a rental house. She didn't start feeling ill until after closing the only window in the room about five days after moving into it. Several months prior to the event, the landlady had placed mothballs containing nearly pure naphthalene in various locations around and underneath the house, including inside wall cavities, for rodent control. A day after developing symptoms, the patient went to the ER where she was evaluated and discharged the same day. Following the incident, the patient no longer stays in the basement room.	1	Naphthalene
120012	A 48-year-old female, her 4-year-old granddaughter and a 65-year-old chemically sensitive female with asthma developed respiratory and dermal symptoms after being in a vehicle that a pest control operator sprayed with insecticide for possible bed bugs. The 48-year-old female ventilated the car and wiped down surfaces one hour after the application. She developed respiratory symptoms when she later drove the car for less than one-half hour. The child developed dermal irritation when she rode in the car. Several days after the application, the 48-year-old cleaned and vacuumed the car in attempts to remove residue, but she and her passengers continued to have symptoms when they were in the vehicle. When the 65-year-old female rode in the car, she reported eye irritation and respiratory symptoms. WSDA investigated and samples collected from the vehicle were positive.	3	Acetamiprid Permethrin, mixed cis,tra Bifenthrin

120015	A 54-year-old male asthmatic resident experienced neurological and respiratory symptoms, and then collapsed after he and a licensed pest control operator briefly entered the crawlspace of his duplex to investigate an ongoing ant infestation. The duplex had been treated numerous times with insecticides. The pest control operator reported that at the time of the incident, it was windy and dust inside the crawlspace was airborne due to passive airflow through the vents. The patient was taken by ambulance to a hospital emergency department. His symptoms resolved later the same day.	1	Bendiocarb
120016	A 40-year-old male city maintenance worker was sprayed in the eye, mouth, and face after a hose broke while he was spraying for weeds at a municipal ballfield parking lot. He experienced right eye irritation and blurring immediately following the exposure. He sought medical attention the following day where he was treated and released. At the time of the interview five days after the exposure, the patient was doing much better.	1	Glyphosate- isopropylammon Pendimethalin
120017	A 27-month-old male was found in the bathroom holding a bottle of previously used dog flea and tick shampoo. He rubbed his eyes and dermal swelling was noted near his eyes, but it had subsided by the time he sought medical care.	1	Piperonyl butoxide Pyrethrins
120018	A 28-year-old female resident applied permethrin cream to her skin for scabies control. She reports experiencing gastrointestinal symptoms and sharp leg, shoulder, and back pain soon after the product application.	1	Permethrin, mixed cis,tra
120019	A Physician Assistant reported a patient was handling a fogger last night when the pesticide was injected into his finger. His finger was over the nozzle as he was spraying and opening a window, his skin was somehow punctured and the pesticide injected. He experienced dermal symptoms.	1	Cypermethrin
120023	A 32-year-old male herbicide applicator developed dermal symptoms after he was exposed to a faulty backpack sprayer. The sprayer had a leak and it spilled some of the herbicide on his back. Approximately one hour later he experience dermal symptoms. He did not seek medical care and did not miss work.	1	Nonanoic acid
120025	A 35-year-old male was using a backpack leaf blower when he accidentally pointed the blower to a ground spreader containing ferrous sulfate monohydrate blowing the granules to his right eye. He developed immediate burning. He was driven by his supervisor to a hospital emergency department and was treated the same day. He missed two days from work.	1	Ferrous sulfate monohydra
120026	A 51-year-old male resident with asthma was seen in a hospital emergency room after experiencing respiratory, gastrointestinal, and cardio symptoms. The previous day, he inhaled some of the granular pyrethroid insecticide product while spreading it on his lawn.	1	Cyhalothrin

120027	A 61-year-old male ate two morel mushrooms from his backyard. He began having gastrointestinal symptoms within one and a half hours. He learned that a few hours before he ate them, a family member had sprayed the yard and mushrooms with a non-selective herbicide. He went to a hospital emergency department. Healthcare providers ruled out possibility of poisonous mushrooms.	1	Glyphosate
120028	A 38-year-old male apple spray applicator got hit with a pesticide mix while making an air blast application. He was turning and shutting down the spray when the wind picked up the mist and blew it on his face and eyes. He washed his eyes immediately for 10 to 15 minutes and still developed ocular symptoms. He sought medical attention the next day.	1	Chlorpyrifos Mineral oil - includes pa Sulfur
120030	A 51-year-old male was admitted to the hospital with generalized weakness, cardiovascular, neurological, gastrointestinal, ocular, and respiratory health symptoms about one week after having applied a pyrethrin insecticide in his garage for fleas. It is suspected he was exposed to the product while inside his home as a result of the product entering through an HVAC air intake in the garage. He was noted by hospital staff to have been covered in powder and smelled of chemical odor upon arrival. He spent four days in the hospital.	1	Piperonyl butoxide Pyrethrins Linalool Pyriproxyfen
120031	A 34-year-old male pesticide applicator developed neurological, gastrointestinal, and respiratory symptoms after inhaling a pesticide while he was spraying. He was wearing complete PPE, including a half-face mask with a dust and organic vapor filter. However, he smelled the spray at the end of the last tank he sprayed and within two hours of that he developed symptoms. He sought medical care the same day. He was seen for follow-up three days later and reported no symptoms at that time. He missed one day of work.	1	Chlorpyrifos Mineral oil - includes pa Flutriafol
120032	A 65-year-old male spray applicator developed dermal symptoms 10 hours after he sprayed a tank mix of pesticides. He indicated that he could see the mist of spray hitting his goggles and took a shower two hours later at his home. He woke up the next day with inflammation on areas not covered by the PPE. One of the active ingredients in a fungicide he was applying is known to be a dermal sensitizer.	1	Chlorpyrifos Mineral oil - includes pa Aliphatic petroleum solve Difenoconazole Fenarimol Cyprodinil
120035	A 30-year-old male orchard manager was hit on the face and left eye with a fungicide after he ran over the fungicide container with his tractor. He was transporting the containers when he ran over the container with his front wheel. He immediately developed ocular and dermal symptoms and washed for 15 minutes after he was exposed. He was not wearing eye protection. He sought medical attention one hour later.	1	Difenoconazole Cyprodinil
120038	A 17-year-old female inhaled some roach powder as she opened the package to use it. She developed eye	1	Boric acid

	irritation. She went to the emergency room.		
120039	A 29-year-old male apartment complex maintenance employee developed burning and numbness on the lips after he was spraying a home use insecticide to kill a wasp nest. He could taste the product while spraying it. His employer contacted the poison center and the employee did not seek medical attention. He reported no other symptoms after the exposure. The label of the spray did not require the use of personal protective equipment.	1	Piperonyl butoxide Tetramethrin Permethrin, mixed cis,tra
120040	A 2-year-old male toddler accidentally sprayed himself in the eyes with an insecticide spray containing 25 percent DEET. He was unsupervised for a few minutes at his home when it happened. He experienced eye irritation and burning. He was evaluated and treated at an Urgent Care clinic where he was diagnosed with acute chemical conjunctivitis. The patient's symptoms resolved later the same day.	1	Deet
120041	A 20-year-old female went to a hospital emergency room after accidentally misapplying a scabies cream repeatedly three nights in a row, instead of one night. She reported muscle weakness and gastrointestinal symptoms. She had rinsed off the product each day after 12-hour applications.	1	Permethrin, mixed cis,tra
120043	A 36-year-old female opened three packages of “no pest strips” to put in her home for flies. She reported experiencing gastrointestinal and respiratory symptoms. This woman had a history of asthma, but was not experiencing asthma symptoms prior to this event. She consulted the Washington Poison Center. The Poison Center requested she identify the active ingredients and though she looked at the product label and package, she was unable to find the name of active ingredients. She proceeded to hang the vapor-release strips in her kitchen, bathroom, and den. The Department of Health Pesticide Program informed her of label restrictions and she indicated that she would remove the strips.	1	Dichlorvos
120047	Two adult male grocery store security guards, aged 28 and 24, were sprayed in the face with a pyrethroid insecticide product by a shoplifter while apprehending him outside the store. Both guards reported respiratory, gastrointestinal, and ocular symptoms immediately after being sprayed. Symptoms lasted several hours for one of the guards and about one day for the other guard. They went to the ER the same day.	2	Cypermethrin Prallethrin
120048	A 46-year-old male developed gastrointestinal and neurological symptoms within two weeks of exposure to two fumigating pest strips hung from the ceiling of a 144 square foot non-ventilated garden shed. He estimated that he spent between 3 to 4 hours in the shed almost daily. He also hung a strip in his 2-car garage. He sought medical attention multiple times after initial symptom onset. His symptoms are consistent with inhalation exposure to dichlorvos insecticide.	1	Dichlorvos
120049	A 31-year-old male pesticide applicator was mixing a granular formulation of a fungicide into a spray tank, when he suspected having facial contact with the dust while mixing. He developed a rash in areas of the	1	Streptomycin sulfite

	face not being covered by his PPE. He sought medical attention the same day. The fungicide that he was mixing and applying may cause allergic reactions in some individuals. He did not miss days from work and his symptoms lasted for two days.		
120051	A 55-year-old male sheriff department deputy was driving on a county road next to a wheat field when a pesticide aerial applicator passed over his vehicle at a very low altitude. He smelled an odor and felt something on his skin. He developed respiratory and ocular symptoms within one minute of that pass. He did not seek medical attention and washed at home four hours later. His symptoms lasted for approximately two days. WSDA investigated the incident and collected swab samples of the vehicle. Samples were positive for 1 of the 7 active ingredients in the tank mix.	1	Pyrasulfotole Technical MCPA, 2-ethylhexyl ester Bromoxynil octanoate Propiconazole Azoxystrobin Bromoxynil heptanoate
120052	An unlicensed Pest Control Operator applied insecticide to the perimeter of at least two buildings of a nature education center located on a 9 acre parcel in the mountains. The buildings serve as a museum and environmental resource center for children and adults. Two of 10 adults at the Nature Center at the time reported symptoms. Both experienced respiratory and neurological symptoms within 15 minutes of the start of the application. No additional reports of illness were received. WSDA investigated this event and fipronil, the active ingredient in the pesticide product used, was detected on windows, near the foundation, doors, and in soil near the structures. Notices of Correction were issued.	2	Fipronil
120054	A 21-year-old male apple orchard irrigator entered a field approximately 24 hours after the application of three pesticides. One of the pesticides in the formulation had a restricted-entry interval of 24 hours. The same product contained 0.75 pound of Mancozeb per pound of product. He developed gastrointestinal and neurological symptoms after the exposure. He sought medical attention the next day. Due to the nature of carbamate toxicity his symptoms were short lived and he was asked to return to work the next day.	1	Mancozeb 1H-Pyrazole-5-carboxamide Triflumizole
120056	A 34-year-old male was loading a tractor with a fertilizer when he was exposed to pesticides that drifted from an air-blast spray application approximately 65 feet away from him. He felt the spray on his nose and also smelled the spray. He washed his face 20 minutes later and developed dermal symptom 40 minutes after the incident. A clothing sample tested positive for traces of sulfur. He sought medical attention the next day.	1	Calcium polysulfide
120057	After mixing a concentrated liquid pyrethroid insecticide solution at a customer's house, a 51-year-old male pest control operator rubbed his eyes with his glove and got some in his eyes. He experienced ocular irritation, pain, redness, and slight swelling. He was seen at the ER the same day where he was diagnosed with chemical conjunctivitis. Symptoms lasted about 12 hours.	1	Bromadiolone lambda-Cyhalothrin
120059	While spraying for weeds in his backyard, a 34-year-old male resident was exposed in the face, eyes, and	1	Diethanolamine (2,4-dichl

	on his hands to an herbicide. He also inhaled some. He was not wearing any PPE when the wind blew the product into his face. Shortly after the application, he experienced neurological, gastrointestinal, ocular, and respiratory symptoms. He was seen at the ER within two hours of the incident. Symptoms resolved within a day or two.		Dimethylamine 2,4-dichlor
120061	A 35-year-old male maintenance assistant was accidentally sprayed in the face and eyes by a co-worker who was using a pyrethroid insecticide on wasp nests outside of an apartment complex. The product also contained a high percentage of petroleum distillates. The maintenance assistant was wearing sunglasses, but no other protective equipment. He developed ocular symptoms and went to an eye clinic within a couple of hours of the incident. His symptoms lasted for two days.	1	Prallethrin lambda-Cyhalothrin
120062	A 42-year-old male project lead for a landscaping company developed fever and respiratory symptoms after spraying weeds for about an hour. He missed two days of work and sought healthcare at the advice of his employer.	1	Dicamba Acetic acid, (2,4-dichlor Carfentrazone-ethyl Mecoprop-P
120063	A 50-year-old male landfill employee opened up a dumpster and immediately inhaled herbicide vapors. He developed gastrointestinal and neurological symptoms within a minute. He was transported to a hospital emergency department. The herbicide should have been disposed at a hazardous waste facility and was illegally dumped at the landfill. The employee indicated they can catch 95 percent of hazardous substances illegally disposed. However, 5 percent of the time hazardous substances get into the landfill as regular trash.	1	2-4,D
120064	While treating her hair for lice with a permethrin lice shampoo, a 10-year-old female child got some in her eyes. She experienced ocular pain and irritation immediately following the exposure. She sought medical care the following day and was diagnosed with chemical conjunctivitis. Symptoms lasted about two days.	1	Piperonyl butoxide Pyrethrins
120066	An 18-year-old female experienced respiratory, neurologic, and gastrointestinal symptoms after spraying an aerosol insecticide product to combat fruit flies in a room at her grandfather's house. She sprayed for the product for 5 to 10 minutes and did not vacate the room, but remained there for two hours after spraying. Her mother contacted WA Poison Center and she was referred to the ER; however she did not arrive there. Her symptoms were resolving when the Washington Poison Center called back nine hours later and were gone within two days of exposure.	1	d-Allethrin Tetramethrin Phenothrin
120068	A 51-year-old female supervisor at a tree nursery was in the field working the hydraulics of the planter when she noticed that other workers nearby were breaking the plastic tarp over the fumigated soil about 500 feet away. Other workers had been moved out of that area. She experienced eye irritation and tears,	1	Methyl bromide Chloropicrin

	which worsened by the time she got home. She contacted her employer to find out what had happened and was advised to go to the emergency room. She missed two days of work and an additional two days of regular activities during the weekend. DOSH initiated a workplace inspection.		
120069	A 40-year-old male was training at his home to become a pesticide applicator. While applying an insecticide with a backpack sprayer, wind blew some of the spray back into his face. He developed dermal and neurological symptoms on his face about two hours later. His symptoms resolved later that evening. He sought medical care the following day.	1	lambda-Cyhalothrin
120070	A 29-year-old female farm worker was thinning apple trees when an air-blast sprayer applied pesticides in the same block she was working. She indicated the applicator was as close as 20 meters way from her. She did not feel, taste, or smell the spray. However, she reported experiencing ocular symptoms. She worked thinning the previously sprayed block two days later, and reported neurological and respiratory symptoms. She sought medical attention four days after the original exposure.	1	Bacillus thuringiensis su Bacillus pumilus strain Q Bacillus thuringiensis Su Mineral oil - includes pa Sulfur Codling moth granulosis v
120071	A 28-year-old pesticide applicator developed irritation and a blister on his eye when fungicide slightly splashed on it. The 4-gallon container he held slipped as he poured it into a 400-gallon tank for apples. He wore required PPE including eye protection. He told the foreman and sought medical treatment more than a week later since it hadn't healed. He didn't miss any days of work.	1	Calcium polysulfide
120073	A 41-year-old male pesticide handler developed moderate gastrointestinal and respiratory symptoms after being exposed to pesticide dust. He sought medical attention four days later for continuing symptoms.	1	Diazinon Triflumizole
120075	A 37-year-old male farmworker applied several different tank mixes to apples over a 12-hour period. When he checked his filters after eight hours, they were completely wet. He could smell the pesticide. His supervisor told him to change them then. He felt ill for several days and wasn't able to spray pesticides anymore as the smell was too strong.	1	Sodium 1-naphthaleneaceta Carbaryl Prohexadione calcium Methoxyfenozide Myclobutanil Imidacloprid
120076	A 28-year-old male farm worker on a tractor was sprayed by an airblast application happening 10 to 15 feet away from him. He developed neurological, ocular, and gastrointestinal symptoms. The employee was afraid of losing his job, which is why he did not want the incident referred to the Division of Occupational Safety and Health.	1	Gibberellic acid Pyraclostrobin boscalid
120077	A 37-year-old male orchard pesticide applicator accidentally broke a bag of an organophosphate pesticide while trying to mix it in the air blast sprayer tank. He reported smelling the odor and developing	1	Azinphos-Methyl Triflumizole

	respiratory, gastrointestinal, and neurological symptoms. He sought medical treatment one day later. He had been fit tested earlier in the year and does fit checks before wearing the respirator each time he sprays. He has been changing the filter every time following proper respirator change schedule. However, he still smelled the product when the bag broke. He believes he has become sensitive to azinphos-methyl one of the active ingredients in the pesticide.		Imidacloprid
120078	A 32-year-old female farmworker felt mist on her face as she worked in an apple orchard. The sprayer didn't see her as she walked away from the work area. She reported irritation and sought medical attention.	1	Prohexadione calcium
120079	A 52-year-old female resident and her 76-year-old mother reported neurological, respiratory, and gastrointestinal symptoms shortly after an herbicide application outside their apartment. The herbicide reportedly was sprayed from a hose line attached to a bulk tank on the back of a truck. Symptoms began within an hour of the application and lasted for two weeks.	2	2-4,D Triclopyr Glyphosate
120082	Two female employees of a daycare in a residential neighborhood, ages 56 and 24, reported neurological and irritant symptoms after they felt pesticide drift onto them from a commercial application to trees next door. They immediately moved the 10 children, ages 10 months to 6 years, indoors and washed their skin and changed everyone's clothing. There were no symptoms reported by the children. The women reported that the pesticide applicator saw them and the children playing outdoors. WSDA investigated and samples collected from the daycare back play yard were positive for one of the fungicides.	2	XDE - 175-J XDE - 175-L Myclobutanil Imidacloprid
120083	A 36-year-old male farm worker sprayed a grapevine with a tank mix of herbicides. He sprayed under windy conditions and even when the spray nozzles were just 2 feet above the ground, the spray mist hit his face. He started to have a burning sensation. However, did not wash his eyes until two hours later because he wanted to finish with his work first. He sought medical attention two days later as his ocular symptoms progressed. He wore safety glasses while he was spraying and still was exposed to the mist.	1	Paraquat dichloride Oxyfluorfen
120086	A crew of 10 female apple tree thinners ages 18 to 36 developed neurological, gastrointestinal, and ocular symptoms after a pesticide applicator sprayed apple trees on an adjacent field. The application was made with an air blast sprayer and a fungicide and two insecticides were in the tank mix. The workers smelled the pesticide and developed symptoms after they smelled the spray for 15 to 45 minutes. They were transported to a hospital emergency department by emergency medical services and decontaminated before treatment. Four of them sought medical care at a clinic the next day after they continued having symptoms. Clothing samples tested positive for residues of two of the active ingredients in the spray tank. The Department Labor and Industries (L&I) conducted a compliance investigation on the incident and assessed penalties regarding chemical hazards communication, employee safety training, and pesticide drift.	9	Mineral oil - includes pa Myclobutanil lambda-Cyhalothrin

120090	Three farm workers ages 29 to 53 were using air blast sprayers to dry a cherry orchard after a rainfall. The cherry orchard was sprayed two days earlier with azinphos-methyl. The Restricted Entry Interval (REI) for this organophosphate pesticide is 14 days. The workers developed respiratory and gastrointestinal symptoms. Two of them reported breathing the spray residues and the other reported feeling mist on his skin. This case was referred to L&I.	2	Azinphos-Methyl
120093	A 20-year-old male pesticide applicator working in a potato farm was applying an herbicide by a hand-held spray gun while driving a pick-up truck. He felt the spray hit his eyes, although he was wearing safety glasses at the time. He washed his face five minutes later but did not do an eye wash. Ocular symptoms increased and he sought medical attention seven days later. DOH advised him of the dangers of driving while applying pesticide in this manner. The worker did not want the incident to be referred to an enforcement agency. Pesticide records were provided by his employer.	1	Paraquat dichloride Glyphosate- isopropylammon
120094	An 87-year-old male maintenance worker was using a backpack sprayer containing glyphosate for weed control at his workplace when some of the product leaked onto his left hand. He was not wearing any PPE during the application. The following day, his left hand became inflamed and blistered. He sought medical care the same day.	1	Glyphosate- isopropylammon
120096	While at work at a horse ranch spraying for Canadian Thistle, a 56-year-old female ranch manager was sprayed in the face, chest, and arms after the sprayer mechanism broke. She was wearing goggles, but no other facial or respiratory protection. Within about 10 minutes, she experienced chest pain, shortness of breath, nausea, and other neurological symptoms. She sought medical care the same day. Symptoms lasted two days.	1	XDE-750 TIPA salt Glycerol Sodium xylenesulfonate
120097	While at home applying a permethrin dust insecticide to a chicken for mites, the chicken shook, causing the adult female applicator to inhale some of the dust. She was not wearing respiratory protection at the time. She developed respiratory symptoms that became progressively worse over the following five days. She sought medical care.	1	Carbaryl
120098	A 50-year-old female was doing yard work at her home when she noticed a Pest Management Professional (PMP) spraying her neighbor's yard. The windows to her house were open and the wind blew from the application to her home. She developed irritant symptoms and paresthesia on her face. The PMP provided information about the product upon request. The incident was referred to WSDA but the woman decided not to file a complaint.	1	Pyrethrins Rotenone Cube Resins other than ro Myclobutanil
120099	A 39-year-old female was completing the last half of an hour-long training ride on her bicycle when a crop dusting plane flew directly above her. The plane was applying fungicide containing petroleum distillates and fertilizer to a wheat field adjacent to the rural road she was riding on. She felt mist from the product	1	Propiconazole

	released by the plane and inhaled it. During the half-hour bicycle ride home, she noticed dermatologic symptoms on her arms. She then developed eye irritation and respiratory symptoms, which worsened the following day. She sought medical attention and missed more than three days of work. WSDA investigated and the test results for samples of grass collected across the road from the target field were positive for the fungicide.		
120100	A 41-year-old male pesticide handler developed neurological and dermal symptoms while loading an insecticide into a plane for an aerial application of corn. The air temperature was hot and the plane structure was warm. He felt vapors were burning his skin and upper respiratory tract while loading the insecticide. He sought medical attention the same day. The label of the product reads that symptoms could occur from contact with vapors from the product.	1	lambda-Cyhalothrin
120101	A 36-year-old female developed neurological and gastrointestinal health effects after a family member dusted the carpet and sofa for fleas. She had her 3-month old baby with her, who slept in a crib in the living room. The mother sought medical attention. She reportedly felt better when not at the house. No symptoms were reported for the baby.	1	Piperonyl butoxide Pyrethrins Linalool Pyriproxyfen
120102	A 50-year-old female pesticide handler at an aviation company carried 2.5 gallons of insecticide to put in the tank when she slipped. Approximately one-fourth of the jug spilled on her chest and pants. She hosed off, but may have left her gloves on. She went home and changed clothes before returning to work. She developed dermal irritation three hours later and went to a hospital emergency department for medical care.	1	Dimethoate
120103	A 45-year-old male employee was mixing three pesticide products over a 10 to 12 hour period for aerial application. While mixing the products some of it splashed on his clothing. He subsequently developed body aches, diaphoresis, and nausea. He sought medical attention.	1	Mancozeb Dimethoate Metalaxyl
120107	A 36-year-old farmworker was in a truck following 10 to 20 meters behind his father's tractor as it was spraying an herbicide-fungicide mixture onto their winter wheat crop. Some of the spray reportedly got into the farmworker's face and eyes. He developed ocular symptoms the next day that lasted for almost a week. He sought health care.	1	Bromoxynil Propiconazole Imazamox
120111	A 55-year-old male fruit processing manager was exposed to sanitizer used for the treatment of sliced fruit. The product is labeled as corrosive. The sanitizer was leaking out of a hose and the manager closed the valve to contain the spill and potential exposure to employees. As he was closing the valve his left hand was hit with the sanitizer. He developed a chemical burn and sought medical attention. He sought medical care again 19 days later as he developed secondary symptoms from his initial exposure. He did not wear chemical resistant gloves to close the valve. He washed his hand two to four minutes after he	1	Hydrogen peroxide Peroxyacetic acid

	was exposed.		
120113	A 45-year-old farm worker at an orchard developed breathing difficulties and other symptoms when wind blew the herbicide he applied onto his person. He was hospitalized for observation and required to miss multiple days of work; but he felt better and started working after the fourth day. He did not wear any PPE; however, the toxicity class I- Danger labeled herbicide did not require respiratory protection.	1	Dimethylamine 2,4-dichlor
120114	A 36-year-old female went to the emergency room for dermal and eye irritation after using insecticides and a fungicide. She was exposed in the process of spraying the pesticides. Further details unknown; unable to obtain medical records.	1	Permethrin, mixed cis,tra
120115	A 53-year-old female walked her dog on a street in front of a lot that was sprayed that same morning. She walked in front of the lot twice that day. She walked once in the morning and once in the afternoon. In the afternoon, she noticed a smell and started to develop neurological symptoms. Temperatures during the day were 90 degrees, increasing the potential that the pesticide would volatilize. She sought medical care the next day after waking up with gastrointestinal and neurological symptoms.	1	Dimethylamine 2,4-dichlor Glyphosate- isopropylammon
120117	A family of three: female age 33, male age 32, and 12 month-old female entered an apartment that had been treated with insecticidal dust less than two hours before. The adult female immediately noted a strong chemical smell and all three began coughing. They reported light headedness and other symptoms after the approximate five minute exposure. They had entered the apartment unaware of the pesticide application. WSDA investigated and found that the insecticide application was legal. Mother and child have a history of respiratory health conditions. The mother consulted Washington Poison Center.	3	Piperonyl butoxide Pyrethrins Silica gel
120118	A 22-year-old male chemigation employee was hit with an undetermined amount of a fungicide. A pressure hose busted and the liquid hit his face and eyes. He decontaminated for 20 minutes. Still, he developed gastrointestinal and ocular symptoms. He sought medical attention the same day. He did not wear eye protection.	1	Chlorothalonil
120120	A 28-year-old farmworker applied fungicide to apples by airblast. Some fungicide drifted to the left side of his neck and shoulder. No interview was conducted. He developed a rash and sought medical attention.	1	Glyphosate- isopropylammon
120121	Four children, two 7-year-old male twins, a 9-year-old female and an 11-year-old female developed eye and/or mouth irritation immediately following an aerial application of an organophosphate insecticide spray conducted by the County Mosquito Control district for mosquito control in their neighborhood. The incident occurred as the four children were outside, on the way home from a neighbor's house. Symptoms lasted between one and four hours.	4	Naled

120122	A 17-year-old female farmworker developed nausea and headache after she worked with her nose and mouth covered by a bandana that she had sprayed with mosquito repellent. She went to a hospital emergency department for medical care.	1	Deet
120123	A 16-year-old female was at her friend's apartment. When she walked out of the restroom and through the house, she realized foggers were activated. She ran outside and vomited. She had several other symptoms and went to a hospital emergency room for care.	1	None
120125	A 24-year-old female developed a chemical burn a day after sitting on a damp seat of a vehicle where a corrosive moss cleaning product had spilled earlier in the day. There was only mild itching at first, but the skin irritation worsened the next day. She went to hospital emergency room for medical care.	1	Sodium hypochlorite Trisodium phosphate
120127	Three family members ages 58, 89, and 32 reported neurologic health effects after the perimeter of their home was treated for thatcher ants. They waited outdoors during the application. Windows were opened and upon return 24 hours after application they noticed odor and experienced symptom onset.	3	Fipronil
120128	A 37-year-old mother and four of her children ages 8 to 14 developed general and respiratory symptoms after a licensed aerial applicator sprayed close to their grandfather's home while they were visiting. They moved livestock out of concern that the pesticide was drifting onto them. They saw the applicator spraying the field 200 feet away from them and smelled and tasted it for 15 minutes. They washed six hours after the drift incident. WSDA samples were positive for two of the active ingredients in an insecticide and a fungicide applied.	5	Metiram Alcohols, C11-15-secondar Pyraclostrobin Spirotetramat
120129	A 57-year-old female with pre-existing eye conditions experienced ocular symptoms in her right eye after reporting that some of the Roundup her father had been using in his yard for weed control drifted into her eyes. She sought health care and her symptoms lasted about a day.	1	Glyphosate
120132	A 10-year-old child with no previous history of seizures experienced a headache and seizure during a camping trip with his father. He experienced two additional seizure episodes afterwards while in the hospital. The night before, the child's father had sprayed themselves, their clothing, and the inside of their tent with a DEET product. The child was taken to a hospital emergency department by ambulance and then transferred to another hospital. On interview with the child's father about a week after the event, the child was doing fine.	1	Deet
120133	A 42-year-old female farmworker was pruning apple trees, advancing ahead of co-workers when she experienced drift from a ground rig application to a pear orchard near her workplace. She doesn't think the applicator saw her. She felt very sick, noticed a strong odor and had respiratory and neurological symptoms. She sought medical attention. The other orchard owner provided spray records. The worker	1	Azinphos-Methyl

	did not want to file a complaint.		
120134	A 26-year-old male farm irrigator entered a field to close a water valve. A drop of water hit his eye and later reported to have ocular symptoms. He sought medical care two days later. The orchard had been sprayed with diazinon four days before he entered the field. The half-life of diazinon on vegetation ranges from 2 to 14 days depending on environmental conditions.	1	Diazinon
120135	A 53-year-old female college custodian experienced respiratory, neurological, and dermal symptoms shortly after walking outside in the vicinity of where a Roundup product had recently been sprayed for weed control. She sought health care the following day. Her symptoms started shortly after the reported exposure and lasted several days.	1	Glyphosate-isopropylammon
120136	A 51-year-old male herbicide applicator accidentally spilled 12 ounces of glyphosate on his hands and leather shoes. He washed his hands and face but did not decontaminate his shoes and socks. He continued using his shoes without decontaminating them and approximately 20 days later started having dermal symptoms on his feet. He sought medical care and was advised by the health care provider to dispose of his shoes.	1	Glyphosate
120137	A 63-year-old male farm worker developed respiratory and general symptoms after he had been working in an orchard. He attributed his symptoms to chemical sprays. He sought medical attention seven days after developing symptoms. Spray records provided by his employer showed the last application was conducted 10 days earlier with the active ingredient naphthaleneacetic acid. The half-life of naphthaleneacetic acid in soils is 10 days.	1	Sodium 1-naphthaleneaceta
120139	A 26-year old female farm worker was picking cherries in an orchard that was sprayed five days earlier with a tank mix of two insecticides and a fungicide. She developed a rash in the areas of her skin that were exposed to foliage while picking the cherries. One of the insecticides in the tank mix is Malathion with a restricted entry interval (REI) of 12 hours. The half-life of the Malathion on foliage of fruit and vegetables ranges from 1 to 9 days, making it possible for her to be exposed to residues while picking.	1	Malathion Spinosad Myclobutanil
120140	A 33-year-old-male pesticide applicator was exposed to a dust formulation of azinphos-methyl. He placed a soluble bag into a spray tank. However, the bag exploded because it was already full of air. The insecticide penetrated the orifices of his respirator and he also felt it on his skin. He indicated that he was not fit tested that year and his mask was loose. He walked away from the tank; however, he did not properly decontaminate by taking a shower or washing his respirator. Instead he continued working. Within a half hour he developed gastrointestinal symptoms. He continued to have gastrointestinal and neurological symptoms and sought medical care for them about two weeks after the incident.	1	Azinphos-Methyl

120141	A 46-year-old female reported gastrointestinal, neurological, and ocular symptoms after she applied a spray to kill fleas and ticks inside her apartment. She sought medical care a week later as she was still experiencing gastrointestinal symptoms.	1	Tetramethrin
120143	A 56-year-old male spraying for bees at his home was hit with a stream of the spray when the wind pushed the stream into his face and shirt. He felt the spray on his face and lips and wiped off his face with his contaminated shirt. He continued working and washed 10 minutes later. He could taste the chemical in his mouth. He developed swelling on the face and lips. The next day he bought over the counter antihistamines but the swelling continued. He sought medical care two days after the incident, upon feeling cardiovascular symptoms.	1	Prallethrin lambda-Cyhalothrin
120144	A 58-year-old male was woken by a strong herbicide smell and saw an application taking place near him. He walked towards the applicator to talk to him. He smelled the spray and felt the mist on his skin while he talked to the applicator. He developed a headache initially, and 14 hours later gastrointestinal symptoms.	1	Trifluralin
120146	A male and female, both 66 years of age, reported respiratory and eye irritation after a helicopter sprayed insecticide to a 25-acre field of blueberries located less than 300 feet from their home. The windows of their house were open at the time. A week later, the helicopter sprayed the field again with the same insecticide. The couple reported the same symptoms shortly after the application.	2	Zeta-Cypermethrin
120147	A 53-year-old female County employee developed dermal symptoms after a hose broke on a backpack sprayer she had been using for weed control. She was sprayed from the middle of her back to her ankles. She removed her clothes and rinsed herself off with water within minutes of being exposed. She was taken by paramedics to the emergency room for evaluation. Her symptoms resolved two days after the incident.	1	Clove, Crushed Cinnamon Glyphosate
120148	A 55-year-old male was washing his hair with a lice shampoo late in the evening when he accidentally he got some in his eyes. He developed pain and eye inflammation. He sought medical care the next morning, where they washed his eyes.	1	Piperonyl butoxide Pyrethrum
120149	A 19-year-old male blueberry picker developed a rash after working in a field. He admitted eating blueberries while picking them. Dermal and oral exposure to contaminated soil was possible, as the half-life for this pesticide in soil is two to four weeks. He sought medical care.	1	Zeta-Cypermethrin
120150	A 50-year-old male farm worker was driving a 4-wheeler early in the morning when he was accidentally drifted by an apple orchard applicator. He felt the spray on his face and eyes. He washed 20 minutes later. He developed some ocular, gastrointestinal, and neurological symptoms. He sought medical care the same day. The registered pesticides he was exposed to were unlikely the cause of his symptoms.	1	Flubendiamide Calcium chloride Imidacloprid

	However, a buffer that contained calcium chloride was used in the tank mix and is associated with the symptoms he described.		
120152	A 28-year-old male who was assisting in the application of paraquat to control puncture vine was exposed twice in two days. The first time, he was driving a truck and as the applicator was spraying the wind shifted directions and he was exposed to the mist. The second time, he was fixing the spray line when it ruptured spraying the herbicide on his face and mouth. He developed some neurological and gastrointestinal symptoms. He sought medical attention four hours later. He was not wearing respiratory protection while he was working on the spray line.	1	Paraquat
120155	A 28-year-old farm worker got hit with a tank mix of herbicides while he was spraying with a back pack sprayer. He developed an immediate burning sensation in the eye. He could not wash his eye because he was far away from a water supply. He sought medical care one day later. He was not provided the required eye protection and did not have accessible at least one pint of eye flush to irrigate his eye. He did not want DOH to refer the incident to a compliance agency.	1	2-4,D Paraquat dichloride
120156	A 46-year-old male was handling an adjuvant when he mishandled the container and a drop of the product hit his eye. He developed a burning sensation and washed right after the incident. He continued having symptoms and sought medical attention a half-hour later. He was not wearing his full face mask or eye protection while he was handling the product.	1	Calcium chloride
120159	A 46-year-old female setting up for a yard sale was exposed to pesticide drifting from a ground spray application happening to an adjacent field. She indicated that she was about 20 feet from the first row of trees and the applicator passed through the second row. She felt the mist on her face and arms. She washed her face one hour later at her home. She developed mild gastrointestinal symptoms and dermal symptoms, which included welts on her face and a swelled lower lip.. The symptoms lasted about two days. She indicated that she did not seek medical care because she has no health insurance.	1	Azinphos-Methyl
120160	A 62-year-old female was working at her home, when she noticed a strong chemical odor upon opening the back sliding door for fresh air. She closed the door. She notified the apartment landlord and local public health, who she accompanied around her property later that day. She developed upper respiratory irritation and gastrointestinal symptoms. She notified WSDA and staff conducting the investigation observed foliage damage and noticed the strong herbicide smell three days after the resident's initial exposure. Samples collected from the target blackberries were positive for multiple herbicide active ingredients, and are inconsistent with the applicator's report of applying only one herbicide. Washington Department of Ecology is also investigating..	1	Picloram Dicamba 2-4,D Diquat dibromide Glyphosate, ammonium salt Triclopyr Clopyralid
120161	A 34-year-old male hardware store employee developed gastrointestinal symptoms shortly after a	1	Piperonyl butoxide

	customer accidentally discharged an insecticide can into his mouth and eyes while in the store. The following day, the employee also developed a headache. The employee did not seek health care following the incident.		Tetramethrin Permethrin, mixed cis,tra
120163	Three female pear pickers ages 21, 25 and 38 complained of neurological, gastrointestinal and respiratory symptoms after they were exposed to pesticide that drifted from an airblast application occurring to the same orchard where they worked. Their supervisor indicated that the applicator was approximately 20 to 40 feet away from them and the applicator stated he was 100 feet away from the workers. The workers started feeling symptoms after about thirty minutes to one hour of smelling odors from the application. One worker reported to be four rows away from the application and observed the pesticide mist through the trees. None of the workers missed any work and did not seek medical care. WSDA samples on foliage in areas workers were located, tested positive for a plant growth regulator and traces of the insecticide that had been in the tank mix. Also, residues of the plant growth regulator and traces of the insecticide were found on clothing of one of the workers.	2	Potassium 1-naphthaleneac Azinphos-Methyl
120164	A 25-year-old male developed dermal and ocular symptoms after he was hit with a fungicide while working in a cherry juice processing plant. A nozzle that sprayed the fungicide to a conveyor belt was placed too high and while the worker lay down to pick up a bucket he was hit on the face with the product. He did not wash immediately because he did not feel symptoms. However, a half-hour later he noticed dermal symptoms. There was no eye wash at the plant. He sought medical attention a day later.	1	Fludioxonil
120166	A 39-year-old male grounds keeper got sprayed with a mixture of herbicide and water while he was spraying weeds at a senior housing complex. He used a compressor and the connection between the tank and the compressor busted spraying his face, eyes, and nose. He started to have ocular and nose irritation 10 minutes later. He sought medical attention the same day. He was wearing safety glasses and still was exposed as the mix got under his glasses and hit his eyes. He had no symptoms the next day.	1	Glyphosate
120172	A 57-year-old male licensed aquatic irrigation pesticide applicator developed respiratory, gastrointestinal, neurological, and cardiovascular symptoms after inhaling an undetermined amount of a fumigant. He was conducting an application in an irrigation canal. He set up the equipment and during the application he heard a hiss sound from the application tower and smelled the fumigant. He immediately developed some ocular and upper respiratory symptoms. Approximately 90 minutes later he reported trouble swallowing and was taken to the local ER by a coworker. He transported the same day to a regional hospital where was hospitalized for eight days. During his hospitalization he suffered neurological and cardiac complications one and three days after his hospitalization. He has been under continued health care treatment after the exposure and has suffered permanent physiological impairments.	1	Acrolein
120178	A 49-year-old female distributed mothballs around her home, in open areas including an unventilated	1	Paradichlorobenzene

	basement bedroom. She first developed a headache, and then she developed gastrointestinal and respiratory symptoms. At first she attributed her symptoms to the severe smoke caused by nearby wildfires that began two days after her mothball application. She removed all the mothballs after 11 days and sought medical attention.		
120180	A 31-year-old male employee of a hardware store was exposed to a pool of spilled herbicide as he reached for a product on the shelf. He washed his arm and later developed a headache and other symptoms. He sought medical attention.	1	Butoxyethyl 2,4-dichlorop Butoxyethyl triclopyr
120182	A fumigant application was conducted in front of a residential area. Twenty residential area neighbors ages 2 to 61 lived in front of the field complained of ocular and respiratory symptoms after the field was fumigated. One resident took his 8-year-old daughter to an ER after she developed gastrointestinal and respiratory symptoms. WSDA conducted an investigation of the incident. The field was improperly prepared for the application according to WSDA. The field had a number of rock boulders and tree shrubs that were supposed to be cleared before the application. This increased the potential for movement of the product off site. WSDA is in the process of issuing citations for improper soil preparation, as the label states soils must be in good tilth and free of large clods before the application. Also, at the time of the application, unfavorable weather condition were eminent as above normal temperatures for the day and low wind speed were present increasing the potential for inversion conditions.	19	1,3-Dichloropropene Chloropicrin
120187	Four adult male inmates at a correctional facility were walking between buildings as a ground rig operated by two other inmates sprayed a high toxicity herbicide and surfactant back and forth across the sidewalk fewer than 15 feet in front of them. The inmates must stay on the sidewalk at all times. As they continued to the other building, they reported feeling the mist and inhaling it. Three of the four men reported neurological and irritant health effects. The fourth man wasn't walking directly with the three. Two additional inmates witnessed the spraying as people walked along the sidewalk after lunch. The three males who reported symptoms, ages 45, 46, and 57, sought medical care at the facility's clinic. The men showered and changed clothes (sent to laundry) immediately after reporting the incident. WSDA investigated and observed herbicidal damage. The herbicide label prohibits spraying while persons are in the area.	3	Dicamba, dimethylamine sa MCPA, dimethylamine salt Triethylamine triclopyr
120188	A 47-year-old farmworker was disconnecting the fumigant application equipment from the tractor when it came loose. He got a drop on his cheek, in his eyes, and on his forearm. He wore no PPE and there was no eye wash station. He rinsed his eyes with water from an irrigation ditch and drinking water. His eyesight worsened and he went to the ER. The incident was referred to L&I DOSH for inspection.	1	Metam-sodium
120189	A 23-year-old male parks maintenance worker developed respiratory and neurological symptoms several hours after cleaning out an herbicide sprayer and mixing tank while on the job. He sought health care the	1	Oryzalin

	same day and felt back to normal the following day.		
120190	A 28-year-old male pesticide applicator developed allergic respiratory and dermal symptoms after spraying a tank mix with a plant growth regulator and calcium chloride fertilizer. He sought medical care approximately 20 to 30 days after his symptoms started. He attributed his symptoms to the calcium chloride fertilizer. One of the two plant growth regulators he was spraying is known to cause some of the symptoms he experienced. His symptoms are consistent with an exposure-health effect relationship of both the fertilizer and plant growth regulator.	1	Potassium 1-naphthaleneac Calcium chloride AVIGLYCINE hydrochloride
120193	A 53-year-old male farm worker developed upper respiratory irritation symptoms after entering a field that was just sprayed. According to the spray records provided by his employer, the sprays applied were two fungicides plus a plant growth regulator. He sought medical attention five days after the incident. The pesticides were applied the day he entered the field just after the application. The employee even indicated that the applicator was spraying the products while he and another worker were present. He was putting reflective foil on the ground, so there was potential for skin contact as the employee was not wearing PPE. The restricted entry intervals (REI) of two of the pesticides were 48 hours or 2 days; and the employee was working inside the treated area within hours of the application. Also, he was not wearing PPE required for early entry as required under the Worker Protection Standards that involves contact with anything that has been treated. This incident was referred to the Department of Labor and Industries for inspection.	1	1-Naphthaleneacetic acid Pyraclostrobin Thiophanate-methyl boscalid
120195	A 64-year-old female office worker reported neurological and gastrointestinal symptoms shortly after arriving at her workplace. The ivy around the outside of the building she was in at the time was being sprayed with an herbicide. Her symptoms lasted only that day. She did not seek health care for this incident.	1	Butoxyethyl 2,4-dichlorop Butoxyethyl triclopyr
120196	A 31-year-old male employee reported dermal and ocular symptoms shortly after dropping a bottle of fungicide at his workplace. Some of the product splashed onto his right torso, right eye, and into his mouth. He was seen in the Emergency Room the same day where he was treated, evaluated, and released.	1	Thiabendazole
120198	A 37-year-old female laborer was cleaning out a storage area with no ventilation when she pulled an old pesticide bottle from a high shelf and the contents spilled on her. She developed eye, dermal, gastrointestinal, and neurological health effects within the hour. She sought medical attention.	1	Chlorpyrifos
120199	A 4-year-old female child got lice shampoo in her right eye after her mother treated her hair with it. The following morning, the child was taken to the emergency room after developing ocular swelling and other ocular symptoms. She was diagnosed with Conjunctivitis, treated, and released the same day. Symptoms	1	Piperonyl butoxide Pyrethrins

	resolved within two days.		
120202	A 40-year-old male herbicide applicator was spraying cherry trees when he accidentally hit a branch while driving the tractor. The spray nozzles were placed on the front of the tractor and as he hit the branch with the nozzle it sprayed his face and eye. He felt the herbicide hitting his right eyes. He tried to decontaminate as soon as he could, but it took him six to seven minutes to find the loading station's eye wash. He started to have ocular symptoms three minutes later. He sought medical attention 17 days later. He wore safety glasses while applying the herbicides and still was exposed to the tank mix as the spray went under the safety glasses hitting his right eye. Labels of the products don't require the use of eye protection.	1	Glyphosate-isopropylammon Rimsulfuron
120203	A 26-year-old female vet assistant applied a veterinary-grade solution to a dog in a small, unventilated room for about 25 minutes. When she finished, she began having upper respiratory symptoms, including wheezing, that worsened. She sought health care. She mixed the solution with water according to the label. Since the event, employees wear a respirator though it's not required by the label.	1	Propylene oxide Xylene range aromatic sol Amitraz
120205	A 67-year-old male maintenance and security employee for a retirement community developed respiratory and gastrointestinal symptoms after entering an apartment in response to the smoke alarm sounding. He looked for persons in the apartment and found none. Three bug bombs canisters were found in the 550 square foot apartment. He sought medical attention.	1	Cypermethrin
120209	A 16-year-old female developed nausea and eye irritation after she pet her dog. The dog was treated with a flea powder earlier in the day. She went to the ER.	1	Piperonyl butoxide Pyrethrins
120210	A 39-year-old male medical marijuana gardener sprayed his marijuana plants, located in a small enclosed basement at his residence, with a pyrethrin insecticide to control spider mites. He was not wearing any respiratory or other personal protective equipment at the time. Within 10 minutes, he developed respiratory, neurological, and gastrointestinal symptoms, along with generalized body aches. Paramedics transported the patient to an emergency room for evaluation. He was discharged the same day. His symptoms resolved within 12 hours.	1	Pyrethrins
120211	An 8-year-old girl was seen at a hospital Emergency Room after she got Lice Killing Shampoo in her eyes while her mother was shampooing her hair in the bathtub. Her mother rinsed her eyes at home, but ocular symptoms persisted so the girl's parents took the child to the local emergency room a day after exposure. She received an additional eye rinse at the hospital and was diagnosed with corneal abrasion to her left eye. She was released with antibiotic treatment and home care information.	1	Piperonyl butoxide Pyrethrins
120212	A 50-year-old male working on his vacation home started to smell an almond odor in the air. He walked around and noticed a bluish powder on his property line, which turned out to be rodent bait granules	1	Diphacinone

	placed there by his neighbor. Three hours later he developed upper respiratory symptoms and a headache although he did not seek medical attention. He contacted WSDA and filed a complaint to determine the nature of the substances applied to his property. Samples results were positive for diphacinone. Diphacinone is an anticoagulant that according to the WSDA should not be applied on soil surface. The WSDA issued an Advisory Letter advising the applicator against applying pesticides to a property other than his own. The letter also explained that rodenticides, like diphacinone, must be applied in protected bait stations or underground and not on top of the soil.		Zinc phosphide (Zn3P2)
130095	A 25-year-old male farm worker drove a tractor to disk in to the ground a pesticide after it was applied to a potato field by a ground sprayer. As he went over the field behind the airblast sprayer, he could smell the pesticide inside the cabin of the tractor. He worked on the field for approximately 10 hours. That evening at his home, he developed neurological symptoms. He sought health care. His symptoms continued for more than one year. DOH conferred with the occupational health physician treating the worker and with the industrial hygienist working in the occupation health clinic. Both concluded that the practice of going over areas that had been recently sprayed with the pesticides identified, in the manner done by the worker, could have caused acute and ongoing chronic illness. In addition, the leather boots he wore on the day of the incident and continued to wear were analyzed for residues. Pesticides including ethoprop were present.	1	Ethoprop Metribuzin boscalid Fluazinam