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Rabies in Michigan, 2009

	Case #	Date	County	Species	Comments
1.	M09RA000150	01/29/2009	Gratiot	Bat	Homeowner had gone up to her attic and left the door open. As the homeowner entered the attic, she saw a bat lying on the floor. Afraid of the bat, the homeowner proceeded to leave the attic. As the owner attempted to leave, the homeowner noticed that one of her two cats had come into the attic. The owner tried to retrieve the cat, but was unsuccessful. The owner returned later and discovered that the cat had left the attic and noticed that the bat was moved and now appeared dead. The bat was collected, submitted and declared positive for rabies. Both cats were not vaccinated against rabies. Unsure if the other cat may have also had contact with the bat, it was advised to euthanize both cats. The homeowner refused euthanasia of the cats. The cats were quarantined for 6 months by local animal control and vaccinated against rabies at month 5 of the quarantine. No other humans or animals were deemed exposed.
2.	M09RA000151	01/29/2009	Shiawassee	Bat	Homeowner's daughters found a bat in basement. The homeowner collected the bat. The bat was submitted and declared positive for rabies. The homeowner has 2 cats and 2 dogs. None of the animals were vaccinated against rabies. The animals were vaccinated again for rabies and placed under a 6-month quarantine in the homeowner's home. Animal control is following up with the animals. There were no known human exposures.
3.	M09RA000181	02/03/2009	Genesee	Skunk	A couple found a skunk in their barn. They set a trap and found the skunk dead the next morning in the trap. The skunk was collected, submitted, and declared positive for rabies. The barn consisted of 1 cat, which had been vaccinated against rabies and was reboostered and 5 horses, which had not been vaccinated against rabies. The horses were behind a solid doors and do not believe to have any contact with the skunk. It was stated to the owners to have the horses vaccinated against rabies. There were no known human exposures.

4.	M09RA000230	2/11/2009	Jackson	Bat	Homeowner found a bat flying around her home. The homeowner squirted the bat with water and when the bat flew by the kitchen sink, the homeowner turned the faucet on to drown it, and then stabbed/sliced the bat's neck with a knife. The bat was submitted for rabies testing and was declared positive. Homeowner woke up seeing the bat flying prior to killing the bat. Homeowner states that she was not exposed while killing the bat. It was advised to receive PEP. The homeowner has an outdoor cat that was not exposed. It was not vaccinated prior, so it was advised to have it vaccinated.
5.	M09RA000295	2/24/2009	Iosco	Bat	The homeowner's wife awoke to find a bat on her face. The husband, who was asleep beside her, woke up, got his gun, and hit the bat with the gun killing the bat. The bat was then carefully collected and submitted to the local health department. The bat was found to be positive for the rabies virus. The homeowner and his wife underwent Post Exposure Prophylaxis (PEP). The couple has three children that were asleep in the home in a different area of the home. The couple opted to have the children also receive PEP. The couple also has a dog that was asleep on the couple's bed on the night of the incident. The dog was currently vaccinated against rabies at the time of the incident. The dog was revaccinated against rabies and watched for 45 days for signs of rabies.
6.	M09RA000602	4/10/2009	Ogemaw	Bat	Add comments when Work Order 1320 is closed.
7.	M09RA000662	4/22/2009	Calhoun	Bat	On the evening of April 18, 2009, a dead bat was present on the victim's bed when the victim proceeded to go to bed. The victim did not notice the dead bat until the bat became tangled in the victim's hair when the victim put their head down to go to sleep. The victim was scratched while removing bat from their hair. The bat was collected and submitted to the local health department. The bat was then submitted to the MI Department of Community Health for rabies testing. On April 21, 2009, the bat was declared positive for rabies by florescent antibody testing. The victim underwent Post Exposure Prophylaxis. There were two dogs in the home at the time of the incident, both currently vaccinated against rabies. The dogs were not in the bedroom when the victim went to bed, but it is unclear if the dogs could have had contact with the bat prior. As such, the dogs were reboostered against rabies and observed for 45 days for signs of rabies.

8.	M09RA000670	4/22/2009	Oakland	Fox	The owner observed a fox which appeared ill in her yard on April 19, 2009. On April 20, 2009, the dog's owner found the fox dead in the yard. The owner was concerned that her dog may have had contact with the fox as the dog is sometimes let outside unattended (off-leash) and the dog owner noted a scratch on the dog's front paw. The fox was collected by Oakland County Animal Control. The fox was submitted to the MI Department of Community Health for rabies testing. The fox was declared positive for rabies by direct fluorescent antibody testing on April 22, 2009. As the dog was currently vaccinated against rabies, the dog was revaccinated against rabies and observed for 45 days. There was no known human exposure.
9.	M09RA000663	4/22/2009	Muskegon	Bat	Owner's son took the dogs (two) outside on April 16, 2009. While outside, the dogs found a live bat on the ground. One of the dogs actually got/played with the bat. The owner's son killed the bat with a shovel, transferred it into a bag, and submitted the bat to Muskegon County Vector Control. From there, the bat was submitted to the Michigan Department of Community Health for rabies testing. The bat was declared positive for rabies on April 22, 2009. Both dogs were currently vaccinated against rabies at the time of the bat incident. Both dogs were reboostered against rabies and observed (and quarantined per recommendation of the county) for 45 days. No humans were deemed exposed to the bat.
10.	M09RA000810	5/9/2009	Jackson	Bat	A man awoke to find a live bat on the floor of his room on May 8, 2009. The man captured the bat in container and took it to Allegiance Health Emergency Room. The man started on Post Exposure Prophylaxis on May 8, 2009. The bat was submitted to the Michigan Department of Community Health for rabies testing. The bat was declared positive for rabies virus by Direct Fluorescent Antibody Testing on May 9, 2009. The man lives with his grandparents. The man keeps his bedroom door closed at all times, and the door was closed at the time of the incident. The man has a chimney leading into this room and believes that the bat entered the home from the chimney. No other humans were deemed exposed. The family has 7 cats. The cats are not allowed in the room and were not in the room at the time of the incident. As the cats were not currently vaccinated against rabies at the time of the incident, they were advised to be vaccinated against rabies.

11.	M09RA000813	5/11/2009	Barry	Bat	A person found a dead bat outside on the porch. Carefully collected the bat and submitted the bat to the Barry County Animal Control for rabies testing. The bat was submitted to the Michigan Department of Community Health for rabies testing. The bat was declared positive for rabies virus by direct fluorescent antibody testing on May 11, 2009. The person has no pets. No humans or animals were deemed exposed.
12.	M09RA000866	5/14/2009	Bay	Bat	On May 14, 2009, the homeowner's dog came out from under the porch with a bat in its mouth. The bat had been chewed on by the dog. The homeowner wore gloves and took the bat to the vet along with the dog. The vet submitted the bat to the MI Department of Community Health for rabies testing. On May 18, 2009, the bat was declared positive for rabies by direct fluorescent antibody testing. The dog was currently vaccinated against rabies at the time of the incident, so on May 14, 2009, the vet gave the dog a booster vaccination and quarantined the animal in the home for 45 days. No other humans or animals were exposed.
13.	M09RA000876	5/19/2009	Ingham	Bat	A home owner came home from a 7-day vacation on Friday, May 15, 2009, and discovered a dead bat on the floor in her home. The woman has 7 cats that were in the home unattended during the vacation, all of which were not vaccinated against rabies at the time of the incident. The bat was carefully collected and submitted to animal control on Saturday, May 16, 2009. Animal control submitted the bat to the MI Department of Community Health for rabies testing. On May 19, 2009, the bat was declared positive for rabies by fluorescent antibody testing. The owner refused euthanasia of the cats. The cats were quarantined for 6 months by animal control in the home to monitor for rabies. No other animals or humans were deemed exposed.
14.	M09RA000909	5/21/2009	Macomb	Bat	On May 18, 2009, the owner noted her cat to be on the porch watching a bat flop around near by. The bat was carefully collected in a container by the cat's owner and taken to animal control. Animal control submitted the bat to the MI Department of Community Health for rabies testing. On May 21, 2009, the bat was declared positive for rabies by direct fluorescent antibody testing. The cat was not currently vaccinated against rabies. The owner refused euthanasia. No other humans were deemed exposed to the bat.
15.	M09RA00958		Ingham	Bat	On May 24, 2009, the homeowner heard the ceiling fan chain pull, making noise in his daughter's bedroom. The daughter was

					<p>asleep during the incident. The owner investigated the noise and discovered a bat flying around the room. The owner captured and killed the bat. The owner called the Ingham County Animal Control who sent the bat to the Michigan Department of Community Health for testing. The bat was declared positive for rabies by direct fluorescent antibody testing. The daughter received post exposure prophylaxis treatment. There was a cat in the home. The cat was not previously vaccinated against rabies. The cat has been vaccinated and placed in quarantine in the home for six-months by Ingham County Animal Control. No other humans or animals were exposed.</p>
16.	M09RA001025	5/26/2009	Oakland	Bat	<p>The owners woke up to discover a bat in their home. They captured the bat on May 26, 2009, and submitted the bat to Oakland County Animal Control. Oakland County Animal Control submitted the bat to the MI Department of Community Health for testing. The bat was declared positive for rabies by direct fluorescent antibody testing on May 28, 2009. The couple received post exposure prophylaxis treatment. No other humans or animals were exposed.</p>
17.	M09RA001007	5/28/09	Kent	Bat	<p>A family was on the beach on Memorial Day (May 25, 2009). The children noticed a bat on the beach. The father picked up the bat which then bit him on his right finger. The owner went to the hospital immediately and was started on post exposure prophylaxis treatment. The bat was submitted to the local health department. The Health Department sent the bat to the MI Department of Community Health for rabies testing. The bat was declared positive for rabies by direct fluorescent antibody testing on May 28, 2009. No other humans or animals were exposed.</p>
18.	M09RA001144	6/11/09	Genesee	Bat	<p>On June 8, 2009, a family awoke to a bat in the room where all were sleeping. The bat was collected and submitted to the Genesee County Animal Control where it was then submitted to the Michigan Department of Community Health for rabies testing. The bat was declared positive for rabies virus by direct fluorescent antibody testing on June 11, 2009. The family (3 individuals) underwent PEP. The family also had a cat that was also in the room when the family awoke to the bat. The cat had never been vaccinated against rabies virus. As the family refused euthanasia, the cat was vaccinated against rabies on June 20, 2009 and quarantined by local animal control for 6 months at the family home.</p>

19.	M09RA001171	6/15/2009	Ottawa	Bat	A dog owner discovered the family dog outside on the porch of the home by a dead bat. The homeowner picked the bat up by the wing and took it to the local health department for rabies testing. The bat was submitted to the Michigan Department of Community Health for rabies testing. The bat was declared positive for rabies by direct fluorescent antibody testing on June 15, 2009. As the dog was currently vaccinated against rabies at the time of the incident, the dog was revaccinated and observed for 45 days. The dog owner discovered a scratch on their body and was concerned over possible exposure to the bat. The dog owner underwent Post Exposure Prophylaxis.
20.	M09RA001193	6/17/2009	Shiawassee	Bat	A man discovered a bat outside by the grill late morning. The man put on gloves, collected the bat with a fishnet, and transferred the bat to a container. The man checked the bat later and discovered that the bat had died. The man then transferred the bat to a bag and gave it to his daughter to submit for rabies testing. The daughter submitted the bat to the Michigan State University Diagnostic Center for Population and Animal Health who forwarded the bat onto to the Michigan Department of Community Health. On June 17, 2009, the bat was declared positive for rabies virus by direct fluorescent antibody testing. The man's wife noted that she had been hit by something that poked her when she was standing by the grill at the time of the incident. Concerned that it may have been the bat, she underwent post exposure prophylaxis. No other humans or animals were deemed exposed.
21.	M09RA001231	6/18/09	Clinton	Bat	The family was awakened at 4 am on June 17, 2009, by their two pet cats. The cats had trapped a bat. The bat was collected and submitted to the local health department. The bat was forwarded to the Michigan Department of Community Health for rabies testing. The bat was declared positive for rabies virus by direct fluorescent antibody testing on June 18, 2009. Both cats were currently vaccinated against rabies at the time of the incident. The cats were revaccinated against rabies on June 19, 2009, and observed for 45 days for signs of rabies. The husband and wife underwent rabies post exposure prophylaxis.
22.	M09RA001274	6/23/09	Oceana	Bat	A man woke up to find something tickling his ear and found a bat flying around the home on June 21, 2009. The man went to catch the bat and was bit on the finger during the attempt. The bat was caught, placed in a container, and submitted it to the local health

					<p>department. The bat was forwarded to the Michigan Department of Community Health for rabies testing. The man went to the hospital and was started on rabies post exposure prophylaxis. On June 23, 2009, the bat was declared positive for rabies virus by direct fluorescent antibody testing. The man completed rabies post exposure prophylaxis. The man's girlfriend was also in the bed at the time of the incident and also underwent post exposure prophylaxis. No animals were deemed exposed.</p>
23.	M09RA001380	7/1/09	Macomb	Cat	<p>On June 26, 2009, an employee of the Cranbrook Schools in Oakland County observed a white, approximately 4 month old, female kitten to be walking abnormally on the sidewalk of the school grounds. The employee decided to take the kitten to Oakland Veterinary Referral Service (OVRs). The kitten bit the employee during capture. Upon presentation at the OVRs, a receptionist took the kitten into the back treatment area of the hospital for a veterinarian to examine it. The veterinarian noted the cat to be displaying head tremors and to be weak in all four legs resulting in difficulties walking. The veterinarian suspected rabies so the kitten was euthanized and submitted to the Michigan Department of Community Health (MDCH) for rabies testing. An employee of OVRs prepared the kitten for submission to MDCH. On July 1, 2009, the cat was declared positive for rabies by direct fluorescent antibody testing. The Cranbrook employee, OVRs receptionist, and OVRs employee that prepared the kitten for submission all underwent Post Exposure Prophylaxis. The examining veterinarian opted to not receive Post Exposure Prophylaxis as the veterinarian had protective levels of antibodies against rabies from past rabies vaccination. A press release went out notifying individuals of the case in case any people may have had contact with the rabid kitten. The Cranbrook Schools covers about 319 acres and has a resident population of feral cats to which the school system coordinates a trap-neuter-release program with Gasow Veterinary Clinic. The school system captured feral cats in the area where the rabid kitten was found and presented them to Gasow Veterinary Clinic to have them euthanized and tested for rabies, including an adult female cat believed to be the mother cat to the rabid kitten. The Oakland County Health Department will be continuing to oversee the situation. MDA and MDCH will be monitoring this situation through the health department.</p>
24.	M09RA001567	7/16/09	Kent	Dog	<p>On July 10, 2009, an owner found her dog, a 6 year old female Chow Chow mix, outside with a bat. She carefully collected the bat and brought it to the local animal control. The bat was submitted to the Michigan Department of Community Health for rabies testing by local animal control. On July 16, 2009, the bat was declared positive for rabies virus by direct fluorescent antibody testing. As the dog was not currently vaccinated against rabies, the dog was euthanized. The family also</p>

					had an indoor 8 year cat that was also not currently vaccinated against rabies. As the cat was indoors and deemed not exposed, the cat was reboosted against rabies. No humans were deemed exposed.
25.	M09RA001579	7/17/09	Genesee	Dog	On July 15, 2009, an owner discovered her dog, an 11 month old Husky, outside acting strangely. She discovered that the dog had a bat biting the dog's nose. Ms. Jacque raked the bat into a garbage bag and took the bat to her veterinarian. The veterinarian carefully transferred the bat into a container, anesthetized the bat via gas anesthesia, and euthanized it via injectable barbiturate. Local animal control collected the bat and submitted it to the Michigan Department of Community Health for rabies testing. On July 17, 2009, the bat was declared positive for rabies by fluorescent antibody testing. As the dog was currently vaccinated against rabies at the time of the exposure, the dog was reboosted against rabies and observed for 45 days for signs of rabies.
26.	M09RA001600	7/20/09	Oakland	Skunk	An officer has been picking up sick skunks for testing. He was doing this as a follow up to the rabies positive kitten found at Cranbrook. He has picked up four skunks so far. He has submitted one for testing that was negative and this one that came back positive. There is no known human or animal exposure. The skunk was found positive for the rabies virus by direct fluorescent antibody on July 20, 2009.
27.	M09RA001610	7/21/09	Allegan	Bat	An owner indicated that a bat was found in the home, and the cat had oral contact with the bat. The bat was found positive for the rabies virus by direct fluorescent antibody on July 21, 2009. The owner indicated that the cat had been euthanized and was being tested. The cat had previous rabies vaccinations but the last one was over a year ago. In talking with Owner, it was not clear if this was a one year or a three year vaccination. Discussions with local officials and the owners, however, determined that euthanasia would be an appropriate course of action. The owners also have a dog. The dog was vaccinated against rabies in May. There is no reported contact between the dog and the bat. Bat exclusion was discussed.
28.	M09RA001615	7/21/09	Oakland	Bat	In this case, a 12 year old boy was in the woods. He found a bat, picked it up, and was bitten. There is no animal exposure. The boy received Post Exposure Prophylaxis (PEP). The bat was found positive for the rabies virus by direct fluorescent antibody on July 21, 2009.
29.	M09RA001616	7/21/09	Oakland	Bat	In this case, a maintenance person involved with removing bats from a condominium building was bitten by one of the bats being removed. There is no animal exposure. The person received Post Exposure Prophylaxis (PEP). The bat was found positive for the rabies virus by direct fluorescent antibody on July 21, 2009.
30.	M09RA001722	7/28/09	Macomb	Bat	A parent found their 2 year old child alone with a live bat outside in the yard. The parent carefully collected the bat and submitted it to the local animal control. Animal control submitted the bat to the Michigan Department of Community Health

					for rabies testing. On July 28, 2009, the bat was declared positive for rabies by direct fluorescent antibody testing. The child was the only human known to be exposed and received Post Exposure Prophylaxis. No animals were known to have been exposed.
31.	M09RA001741	7/29/09	Livingston	Bat	Owner was talking a shower. She stepped on a bat when she got out and was bitten on the toe. The bat was collected and submitted to local animal control. The bat was sent to the Michigan Department of Community Health for rabies testing. On July 29, 2009, the bat was declared positive for rabies by direct fluorescent antibody testing. There were two cats in the home that were unsupervised when the bat was in the home. As the cats were unvaccinated against rabies, it was advised that the cats be euthanized. The owner refused so the cats were quarantined for 6 months in the home by animal control. The cats were to be vaccinated at month 5 of the quarantine and monitored monthly by local animal control.
32.	M09RA001848	7/30/09	Oakland	Skunk	A skunk was observed staggering around in a ditch the community. Animal control captured, euthanized, and submitted the skunk for rabies testing. The skunk was declared positive for rabies by direct fluorescent antibody testing. No humans or animals were known to have been exposed to the skunk.
33.	M09RA001809	7/31/09	Eaton	Bat	An owner woke up to find a bat flying around in her living room in July 28, 2009. She had a friend capture the bat the next day. The bat was submitted to the Eaton County Animal Control for rabies testing. On July 31, 2009, the bat was declared positive for rabies virus by direct fluorescent antibody testing. The owner received Post Exposure Prophylaxis. The owner also had 1 dog, which was currently vaccinated against rabies at the time of the incident. As the dog was unsupervised when the bat was in the home, the dog was considered possibly exposed. The dog was revaccinated against rabies and observed for 45 days for any signs of rabies appear. Lisa also owned a cat which was not currently vaccinated against rabies at the time of the incident. As this cat was also unsupervised when the bat was in the home, the cat was advised to be euthanized. The owner refused so that cat was quarantined for 6 months in a designated area of the home by local animal control. The cat was vaccinated against rabies at month 5 of the quarantine.
34.	MI9008	7/31/09	Clinton	Fox	A fox was observed acting incoherent and staggering. An officer with the Clinton County Sheriff's Department, on advice by the Department of Natural Resources, killed the fox via a gunshot to the neck. The fox was submitted to the United States Department of Agriculture, Wildlife Services Division for enhanced surveillance rabies testing. The fox was found to be positive for rabies virus by Direct, Rapid Immunohistochemical Test (dRIT) on July 31, 2009. Samples were submitted to the Centers for Disease Control and Prevention (CDC) for confirmation. The fox was found to be positive for rabies virus by direct fluorescent antibody testing.

					by the CDC. The fox was found to be infected with the North Central Skunk Strain.
35.	M09RA001820	7/31/09	Gratiot	Bat	A bat was observed to be dive-bombing/attacking one of the family dogs (Rottweiler) while the dog was in its cage outside. The dog killed the bat. A family member collected the bat in a container and submitted it to the local health department. The bat was submitted to the local health department for rabies testing. The bat was declared positive for rabies by fluorescent antibody testing on July 31, 2009. The dog had been last vaccinated against rabies on July 24, 2009. The dog was reboosted against rabies on August 5, 2009 and observed for 45 days for signs of rabies. The family also had another dog (Chihuahua) that was currently vaccinated against the time of the incident. The dog was with the family in another area of the yard at the time of the incident and was deemed not exposed. No humans were known to have been exposed to the bat.
36.	M09RA001859	8/5/09	Oakland	Skunk	A skunk was seen wandering and staggering around the swimming pool. Two dogs were let out unleashed and they attacked the skunk. Bloomfield Township Animal Control captured the skunk, euthanized it, and submitted it to the Michigan Department of Community Health for rabies testing. On August 5, 2009, the skunk was declared positive for rabies virus by direct fluorescent antibody testing. As the two dogs were currently vaccinated against rabies at the time of the incident, the dogs were revaccinated against rabies and observed for 45 days. No other animals or humans were known to have been exposed.
37.	M009RA001915	8/6/09	Clinton	Bat	The family was finding bats in the home. The family had already submitted two bats previously for rabies testing which were found to be negative. The family hired a pest removal service to bat proof the home due to the large number of bats the family was finding in the home. On August 5, 2009, the pest removal service found a dead bat in the attic. In addition, the family found a bat in the basement in the home where family members were sleeping. Both bats were submitted for rabies testing. One of the bats was negative, but one of the bats was positive. It was unclear which one of the bats was positive. The family had one dog in the home which was currently vaccinated against rabies. It was advised to rebooster the dog. Eight people underwent Post Exposure Prophylaxis in case the bat found while the family was sleeping was the rabid bat.
38.	M09RA01923	8/6/09	Shiawassee	Bat	On August 4, 2009, owners heard a strange noise coming from their cold air vent. Suddenly, a bat flew out of the vent. The owner hit the bat with a broom, put a bowl over the bat, slid a lid under the bowl and submitted the bat to the Shiawassee County Animal Control. From there, the bat was submitted to the Michigan Department of Community Health for rabies testing. The bat was declared positive for rabies virus by direct fluorescent antibody testing on August 6, 2009. The owner had many wounds on his hands from his job. As such, there was concern over possible

					tissues from the bat getting into the wounds while hitting the bat. The owner was advised to receive Post Exposure Prophylaxis by a physician. No other people were deemed exposed. The family owns 2 dogs and 1 cat, all of which were currently vaccinated against rabies at the time of the incident. The animals were supervised at all times and were deemed not to have had contact with the bat.
39.	M09RA001949	8/7/09	Oakland	Skunk	A 2 year old Alaskan Malamute was found in the backyard with a dead skunk. The owner put on gloves, and shoveled the skunk into a garbage bag. The owner took the dog to the veterinarian as the dog was not currently vaccinated against rabies virus at the time of the incident. The veterinarian vaccinated the dog against rabies. The owner then submitted the skunk to the local animal control for rabies testing. On August 7, 2009, the skunk was declared positive for rabies virus by direct fluorescent antibody testing. As the dog was not currently vaccinated against rabies at the time of the incident, it was advised to euthanize the dog. The owner refused. Alternatively, the dog was quarantined to a sunroom in the home by local animal control for 6 months.
40.	M09RA001995	8/11/09	Oceana	Bat	On August 10, 2009, a child awoke to find a bat in his bed. The child had wounds on his head. The bat was carefully collected and submitted to the local health department. The local health department submitted the bat to the Michigan Department of Community Health for rabies testing. On August 11, 2009, the bat was found to be positive for rabies virus by direct fluorescent antibody testing. There was also a 9 month old child also asleep in the same room the night of the incident. Both children received Post Exposure Prophylaxis. No other humans or pets were deemed exposed.
41.	M09RA002034	8/12/09	Isabella	Bat	The victim was working in a crawl space in a house on August 11, 2009, when he was bitten by a bat. The bat was collected and submitted to local animal control. The bat was sent to the Michigan Department of Community Health for rabies testing. On August 12, 2009, the bat was declared positive for rabies by direct fluorescent antibody testing. No one else came in contact with the bat. Victim went directly to the emergency room and received Post Exposure Prophylaxis.
42.	M09RA002036	8/13/09	Livingston	Bat	A woman washed her hands in her home. When attempting to dry her hands, she was bitten on the hand by a bat that was hiding in the towel. The woman placed the bat in a bag and took it to the Livingston County Animal Control. Animal control euthanized the bat and submitted it to Michigan Department of Community Health. The bat was found to be positive for rabies by direct fluorescent antibody testing on August 13, 2009. The woman underwent Post Exposure Prophylaxis. The woman has 2 dogs that were currently vaccinated against rabies at the time of the incident. The dogs had been supervised by the owner, were not in the room, and were therefore deemed to have not been exposed.

43.	M09RA002064	8/12/09	Monroe	Bat	A renter awoke at night to find a bat flying around in the bedroom. The son-in-law came over, caught the bat in the net, collected the bat in a coffee can, and submitted it to the Monroe County Animal Control. Animal control euthanized the bat and forwarded it to the Michigan Department of Community Health for rabies testing. On August 12, 2009, the bat was found to be positive for rabies virus by direct fluorescent antibody testing. The renter underwent Post Exposure Prophylaxis. No other humans or animals were known to have been exposed.
44.	M09RA002103	8/14/09	Kalamazoo	Bat	On August 11, 2009, a man and his brother-in-law came home to find a bat cornered by the 3 family cats. The brother-in-law put on gloves, collected the bat, and submitted it to the local animal control agency. The bat was submitted by local animal control to the Michigan Department of Community Health for rabies testing. The bat was found to be positive by direct fluorescent antibody testing on August 14, 2009. The cats were not currently vaccinated against rabies. The owner refused euthanasia. The cats were vaccinated against rabies and quarantined for 6 months by local animal control. No humans were known to have been exposed to the bat.
45.	M09RA002207	8/17/09	Ingham	Bat	While moving furniture, owners found a dead bat under a couch. The bat was collected and submitted to DCPAH on August 15, 2009. The bat was then sent to the Department of Community Health. The bat was found to be positive for rabies by direct fluorescent antibody testing on August 18, 2009. The owners have 2 cats and 1 dog. All animals were currently vaccinated against rabies and got reboostered on August 18, 2009. Even though the bat had no contact with any family members, the family has decided to receive Post Exposure Prophylaxis.
46.	M09RA002173	8/17/09	Ingham	Bat	On August 14, 2009, the victims awoke to find a bat flying around the bedroom. Local animal control was contacted. Local animal control collected, euthanized, and submitted the bat to the Michigan Department of Community Health for rabies testing. On August 17, 2009, the bat was found to be positive for rabies virus by direct fluorescent antibody testing. The victims underwent Post Exposure Prophylaxis. The couple has no pets.
47.	M09RA002245	8/18/09	Shiawassee	Bat	On August 16, 2009, the victim was working on the front porch. While working, victim noticed movement. Victim reached out towards the movement and was bit by a bat. The bat was collected and submitted to the local animal control. Animal control submitted the bat to the Michigan Department of Community Health for rabies testing. On August 18, 2009, the bat was found to be positive for rabies virus by direct fluorescent antibody testing. The victim received Post Exposure Prophylaxis treatment. The family has an indoor only cat and dog that are currently vaccinated against rabies, but they were determined to not have been exposed.
48.	M09RA002258	8/18/09	Oceana	Fox	A 6 year old child crossed a street. Suddenly, a fox ran out from under a nearby truck and attacked the child. The child received bites to the

					both thumbs and the left arm. The child's father was near by. The father pulled the fox off the child and held the fox in the ground till someone brought the father a bucket. The bucket was placed over the fox. A conservation officer with the Michigan Department of Natural Resources collected the fox, euthanized it, and submitted the fox to the local health department. The fox was found to be positive for rabies by direct fluorescent antibody testing on August 18, 2009. The child and father underwent Post Exposure Prophylaxis. No other people or animals were known to have been exposed.
49.	M09RA002213	8/18/09	Saginaw	Bat	On the evening of August 13, 2009, the owners observed a bat flying around the home in the basement. The family attempted to capture the bat, but could not find it. The family closed off the door to the basement to prevent entry into the living corridors. The owner was bit on the finger by a bat while removing laundry from the washer the next morning. The owner shook the bat off her finger. The owner collected the bat and submitted for testing to the local animal control agency. The bat was sent to the Michigan Department of Community Health for rabies testing. On August 18, 2009, the bat was found to be positive for rabies virus by direct fluorescent antibody testing. The owner received Post Exposure Prophylaxis. The owner also had one dog, born March 24, 2009, which had been vaccinated earlier on August 12, 2009. As it appeared the dog had not been exposed and the dog had been vaccinated the day of exposure, no further action was taken with respect to the dog.
50.	M09RA002404	8/20/09	Bay	Bat	A woman awoke to find a bat on the floor where she sleeps. The woman contacted the Bay County Animal Control. An officer collected the bat, euthanized it, and submitted it to the Michigan Department of Community Health for rabies testing. The bat was found to be positive for rabies virus by direct fluorescent antibody testing. Another person was noted to have been in the room/home at the time of the incident. Both underwent Post Exposure Prophylaxis. No other humans or animals were exposed.
51.	M09RA002540	8/27/09	Cheboygan	Bat	On August 21, 2009, a woman was getting wood from a wood pile. During the process, a bat bit the woman. The bat was submitted to the local health department. The bat was forwarded to the Michigan Department of Community Health for rabies testing. On August 27, 2009, the bat was found to be positive for rabies by direct fluorescent antibody testing. The woman underwent Post Exposure Prophylaxis. No other people or animals were deemed exposed.
52.	M09RA002603	8/29/09	Sanilac	Bat	A toddler was out picking blackberries at the grandmother's house. The child began to scream. The family found the child by a bat. The family was unsure if the child had direct contact with the bat. The bat was carefully collected and submitted to the Sanilac County Health Department. The bat was forwarded to the Michigan Department of Community Health for rabies testing. The bat was found to be positive for rabies virus by direct fluorescent antibody

					testing on August 29, 2009. The toddler underwent Post Exposure Prophylaxis. No other humans or animals were deemed exposed.
53.	M09RA002653	9/3/09	Genesee	Bat	The owner found the dog with a bat. The owner collected the bat and submitted it to the Genesee County Animal Control. The bat was forwarded to the Michigan Department of Community Health for rabies testing. The bat was found to be positive for rabies by direct fluorescent antibody testing on September 3, 2009. As the dog was currently vaccinated against rabies at the time of the incident, the dog was revaccinated against rabies and observed for 45 days for signs of rabies.
54.	M09RA002661	9/4/09	Muskegon	Bat	Three dogs were found outside in their owner's yard with a live bat. The owner collected the bat and submitted it to the Muskegon County Vector Control. The bat was forwarded to the Michigan Department of Community Health for rabies testing. On September 4, 2009, the bat was found to be positive by direct fluorescent antibody testing. As the three dogs were currently vaccinated against rabies at the time of the incident, the dogs were revaccinated against rabies and observed for 45 days for rabies. (Muskegon County also placed a quarantine on the dogs for the 45 days observation period.) No humans or other animals were deemed exposed.
55.	M09RA002725	9/10/09	Barry	Bat	On September 4, 2009, a couple found their 5 month old pug/beagle mix puppy barking at a bat outside in the yard. The owners state that the dog was about 18 inches from the bat. The bat was observed to be alive and "flopping around." The bat was carefully collected with a coffee can and submitted to the local health department. The bat was forwarded to the Michigan Department of Community Health for rabies testing. The bat was found to be positive for rabies by direct fluorescent antibody testing on September 10, 2009. The puppy was not currently vaccinated against rabies at the time of the incident. The people were advised to euthanize the dog, but they refused. The dog was vaccinated against rabies on September 11, 2009, and quarantined by Barry County Animal Control for 6 months for signs of rabies. No other animals or humans were deemed exposed.
56.	M09RA002740	9/11/09	Monroe	Bat	A couple woke up to find a bat floating in a dish of water in the home. The bat was collected and submitted to the Monroe County Animal Control for rabies testing. The bat was submitted to the Michigan Department of Community Health for rabies testing. On September 11, 2009, the bat was found to be positive for rabies testing by direct fluorescent antibody testing. The couple underwent Post Exposure Prophylaxis. The couple has not pets. No other humans or animals were exposed.
57.	M09RA002784	9/15/09	Jackson	Bat	A female black lab born December 31, 2006, was found in the middle of the night playing with the bat. The dog's owners killed the bat with a shovel, and buried the bat with the shovel in their yard, being sure not to touch the bat. The owners took the dog into their veterinarian. As the dog was currently vaccinated against rabies, the dog was revaccinated against rabies and advised to

					be observed for 45 days. While at the veterinary clinic, the owners were advised by the veterinary staff to dig up the bat and submit the bat for rabies testing. The owners used the shovel to dig up the bat and transfer it to a container. The bat was submitted to the veterinary clinic for rabies testing. The bat was sent to the Michigan Department of Community Health for rabies testing. The bat was found to be positive for rabies testing by direct fluorescent antibody testing on September 15, 2009. No other humans or people were known to have been exposed to the bat. The veterinary clinic was reminded that rabies testing need not be conducted when strictly exposing animals currently vaccinated against rabies.
58.	M09RA002802	9/16/09	Lapeer	Bat	A man found his 2 year old daughter in the home with a bat biting her on the armpit. The man removed the bat with a tennis racquet, collected it, and submitted it to the Lapeer County Animal Control Shelter. The shelter euthanized the bat and submitted it to the Michigan Department of Community Health for rabies testing. The bat was found to be positive for rabies by direct fluorescent antibody testing on September 16, 2009. The girl underwent Post Exposure Prophylaxis. The family also had two dogs and one cat that were in the home and may have had contact with the bat. None of the animals were currently vaccinated against rabies. The owners refused euthanasia of the animals. The animals were quarantined for 6 months by the Lapeer County Animal Control and vaccinated against rabies at month 5 of the quarantine.
59.	M09RA002803	9/16/09	Ingham	Bat	On September 15, 2009, Owner's indoor/outdoor cat brought a dead bat to her. The owner carefully collected the bat and submitted it to the Ingham County Animal Control Shelter. The animal control shelter submitted the bat to the Michigan Department of Community Health. The bat was found to be positive for rabies by direct fluorescent antibody testing on September 16, 2009. The cat was not currently vaccinated against rabies at the time of the incident. As the cat was deemed to have been exposed, the owner was advised to euthanize the cat. The owner refused euthanasia of the cat. The cat was quarantined for 6 months by local animal control and vaccinated against rabies at month 5 of the quarantine. No other animals or people were deemed exposed to the bat.
60.	M09RA002850	9/22/09	Livingston	Bat	A man was in the basement of his home rummaging through a trash basket and felt a prick in his right hand. He discovered he had been bit by a live bat. He collected that bat and took it to animal control. Animal control submitted the bat to the Michigan Department of Community Health for rabies testing. On September 22, 2009, the bat was found to be positive for rabies virus by direct fluorescent antibody testing. The man underwent Post Exposure Prophylaxis. No other humans were deemed exposed. The family had no pets.
61.	M09RA002855	9/23/09	Oakland	Bat	On the evening of September 20, 2009, a woman was alerted by her alarm company that the alarm had gone off in her home. The woman had been

					<p>asleep in her bedroom prior. The woman looked around the home and discovered that a bat was flying up and down the hall of the main floor of the home. It is suspected that the bat triggered the alarm. The bat flew into the woman's bedroom which was located on the first floor. The woman closed the door to the bedroom trapping the bat. The next day, animal control came to the home to remove the bat. Animal control discovered the bat in the bathroom sink just off the woman's bedroom. Animal control euthanized and submitted the bat to the Michigan Department of Community Health for rabies testing. On September 23, 2009, the bat was found to be positive for rabies virus by direct fluorescent antibody testing. The woman has a roommate that was asleep in an upstairs room at the time of the incident. As neither woman had seen the bat in their bedroom at the time of the incident and had no known contact with the bat, local health authorities felt there had been no exposure. On further questioning, the woman had indicated that she had woken up one evening in the summer to strange scratching noises when a bat fell on her pillow. This bat was disposed of without testing. Upon hearing this information, the local health authorities advised Post Exposure Prophylaxis. The woman underwent Post Exposure Prophylaxis for this possible exposure. There are no pets in the home. As there may be bats in the attic of the home, a pest control company was also contacted.</p>
62.	M09RA002922	9/30/09	Oakland	Bat	<p>An owner heard noises outside and saw his two dogs attacking a skunk. The dogs killed the skunk. One of the dogs was currently vaccinated against rabies and the other was not. The owner took the skunk to his veterinarian who prepared the skunk for rabies testing. Local animal control collected the skunk and submitted it to the Michigan Department of Community Health for testing. On September 30, 2009, the bat was declared positive for rabies virus by direct fluorescent antibody testing. As one of the dog was not currently vaccinated against rabies at the time of the incident, the owner was advised to euthanize the dog. The owner decided to euthanize both dogs. No other humans or animals were deemed exposed.</p>
63.	M09RA002973	10/8/09	Sanilac	Skunk	<p>On October 1, 2009, a man found his 14 week old puppy fighting with a skunk. The puppy killed the skunk. The man collected the skunk with gloves and brought the skunk and puppy to his veterinarian. The veterinarian, wearing gloves, submitted the skunk to the Michigan Department of Community Health for rabies testing. The puppy was confined at the veterinary clinic pending test results. On October 8, 2009, the skunk was found to be positive for rabies by direct fluorescent antibody testing. As the puppy had not been vaccinated against rabies, the puppy was euthanized. No other humans or animals were deemed exposed.</p>
64.	M09RA003307	12/2/09	Lapeer	Skunk	<p>On November 27, 2009, a man saw a skunk staggering around outside. His dog (a 4 year old, male, Chester Bay Retriever) attacked the skunk</p>

					and killed it. The man collected the skunk with gloves and to it the Brown City Vet Clinic in Brown City. The veterinarian submitted the skunk to the Michigan Department of Community Health. The dog was isolated. On December 2, 2009, the skunk was found to be positive for rabies by direct fluorescent antibody testing. The dog had never been vaccinated against rabies, therefore the St. Clair County Animal Control picked up the dog on December 3, 2009, and euthanized it. No other animals or humans were deemed exposed.
65.	CL09-44032	12/15/09	Livingston	Skunk	A family dog (male, pit bull, 1 year old) was let out of the home to go to the bathroom on Sunday, December 13, 2009. The dog returned to the home, coming into the garage, with a live skunk in its mouth. The dog's owner was also in the garage. The dog released the skunk. The skunk was noted to be acting aggressive and tried to attack the man. The man killed the skunk and submitted the skunk for rabies testing. From there, the skunk was submitted to the Michigan Department of Community Health for rabies testing. On December 15, 2009, the skunk was declared positive for rabies virus by direct fluorescent antibody testing. As the dog was currently vaccinated against rabies (last vaccinated July 31, 2009), the dog was revaccinated against rabies and will be observed for 45 days for signs of rabies. The family also has another dog (last vaccinated against rabies on 7/10/2009) that was in the home at the time of the incident and deemed not exposed. There is no known human exposure.
66.	M09RA003213	11/13/09	Livingston	Skunk	On November 11, 2009, a horse was seen by the owner approaching a skunk in its paddock. The skunk bit the horse. The horse then killed the skunk via stomping. The horse was immediately isolated to a stall. The owner carefully transferred the skunk into a box with a pitch fork. The owner submitted the skunk to the local animal control. The local animal control submitted the skunk to the Michigan Department of Community Health for rabies testing. On November 13, 2009, the skunk was declared positive for rabies by direct fluorescent antibody testing. The owner typically vaccinates all horses on the premises every spring, but had not vaccinated in 2009. As such, the horse was not vaccinated against rabies at the time of the incident. The horse was advised to be euthanized. The owner refused. Alternatively, the horse was quarantined for 6 months by the Michigan Department of Agriculture. All horses on the premises were vaccinated against rabies on November 11 and 12, 2009. The owner also has cats (4 of which are barn cats) and 1 dog that were currently vaccinated against rabies at the time of the incident and deemed not exposed. No other humans or animals were deemed exposed to the skunk.