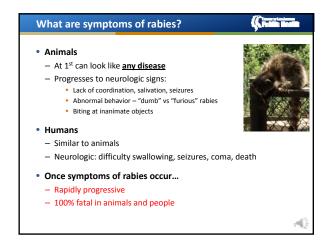
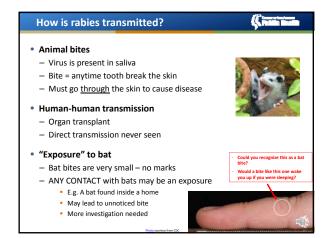


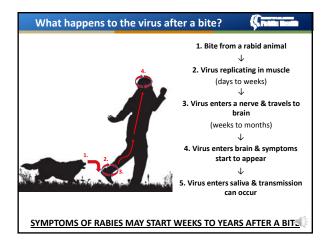


What are zoonotic diseases (zoonoses)? Diseases shared between animals and people Any examples? Go% of infectious diseases of humans came from animals Rabies, West Nile virus, Salmonella, hookworms, roundworms, scabies, flu, Ebola,... | Pet Waste |

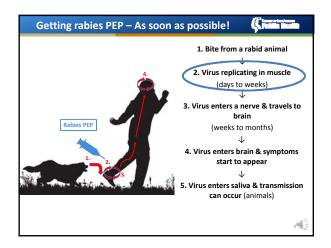




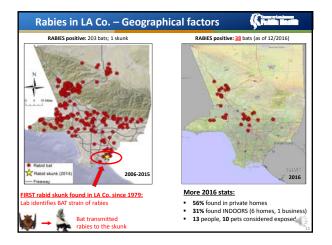


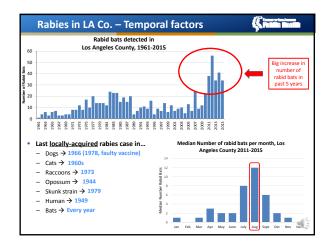


Once symptoms start, there is no cure for rabies	
BEFORE A BITE – Rabies vaccination	
 Protects people in case they get bitten by a rabid animal 	
 Recommended for people working with animals 	
AFTER A BITE – Post exposure prophylaxis (PEP)	21
 Given right away, <u>before</u> symptoms occur 	
 Boosts body to fight virus on its own before it enters brain 	
- Consists of:	
 Rabies antibodies (RIG) into the bite wound 	
 4-5 vaccine injections at: Day 0, Day 3, Day 7, Day 14 	
 Washing wound with soap/water: ↓ numbers of virus in the wou 	nd



History of rabies in Los Angeles County In the past: Dog rabies rampant in LA Co. in the 1920's Eradicated because of animal control efforts Dog licensing Mandatory rabies vaccination Today, local risk of rabies limited to: Bats Bites from sick (neurologic animals) Bites from animals abroad CURRENTLY, LA CO. HAS NO ESTABLISHED TERRESTRIAL RABIES



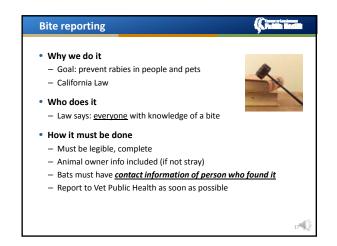






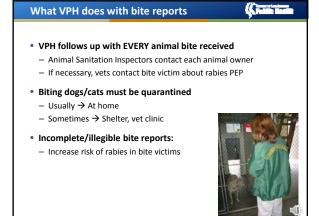
• Any mammal can get rabies • Animals/people with clinical rabies will not get better • Symptoms of rabies may start weeks to years after a bite • People exposed to rabies must be treated immediately • Currently, LA County has no established terrestrial rabies • Local rabies risk may change over time — Stay vigilant! • Bat rabies is present in LA County & occurs every year



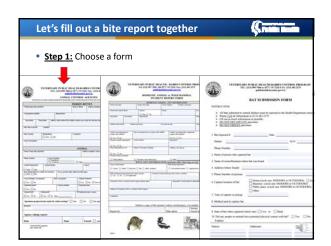








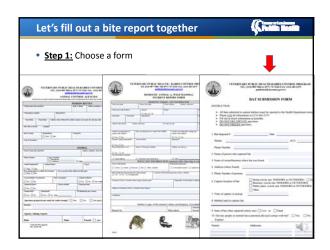


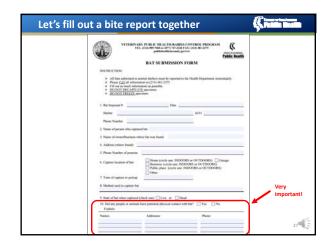


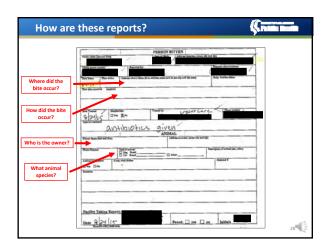


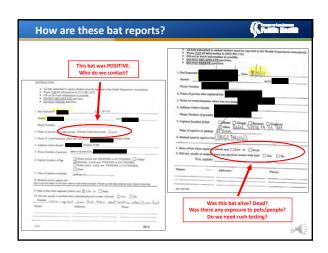




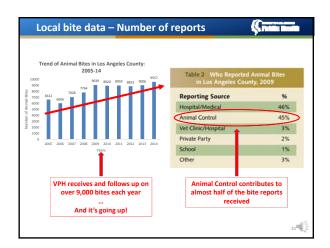


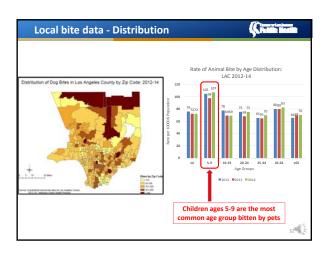


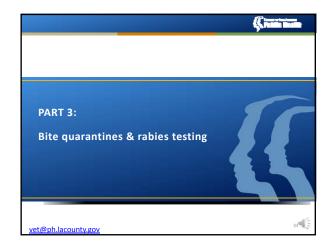


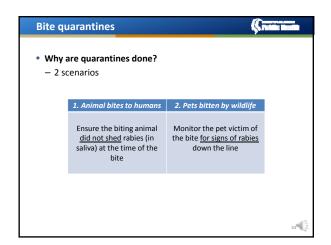


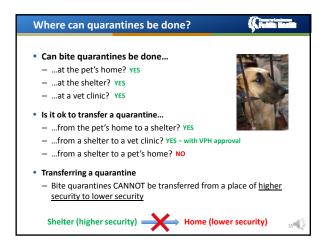
How reporting bites helps the public 1. Protects people from rabies - Low rabies risk from local dogs/cats does not mean no risk • Bats can give rabies to local dogs & cats (see skunk from 2014) - High rabies risk from bats - Rabies is deadly once symptoms start - We have a short window to administer life-saving treatment 2. Understand bites in LA Co. - Data on who, when, where & how people get bitten - Find ways to reduce the numbers of bites

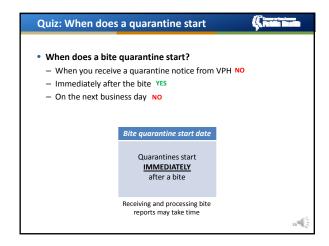


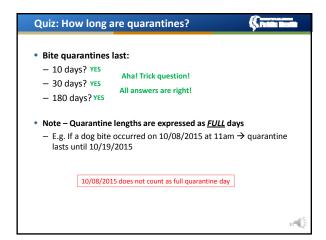


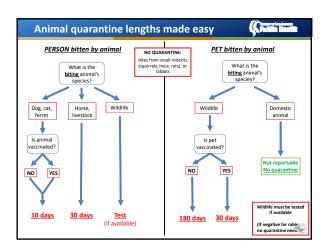


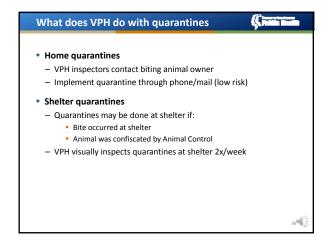


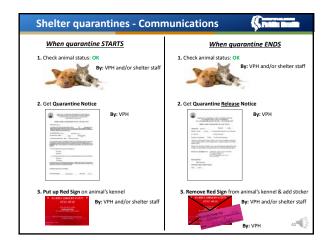














Testing animals for rabies • What needs to be tested for rabies: Law: <u>any</u> animal under quarantine that is <u>euthanized/dies</u> - Wildlife that bit a person/pet – <u>Bats</u> found: • In people's homes • Dead/dying on the ground • With potential contact to pets & people • With abnormal behavior (e.g. out during the day, on the ground,...) Paperwork with specimen • Tracking down the person bitten by animal is key to protecting them against rabies Information needed for follow-up: Name & contact of people exposed to animal - Address where animal was found - Any exposure to people/pets • From best to worst: - Ideal → Copy of the reporting form attached to specimen - Not OK \rightarrow No or illegible paperwork with specimen, wrong impound fomr **Untestable animals** • Animals may be untestable if: - Not refrigerated - Decomposed - Lost Not captured If a rabies specimen cannot be tested – we have to assume it was POSITIVE Anyone potentially bitten by it will need PEP

