AMMI: Multi-agency Database of Wildlife Animal Health Events in New York City

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Background

- · Animals as sentinels of disease
- Wildlife health event defined as a cluster of illness and/or death among wild animals
- Large bird die off in 2004 identified gaps in ability for NYC to investigate the event



Partner Agencies

- Task force created to coordinate investigations of future events using resources from several NYC agencies
- NYC Department of Health and Mental Hygiene
- NYC Department of Parks and Recreation
- Wildlife Conservation Society
- NYPD Emergency Services
 Unit
- NYS Department of Environmental Conservation
- NYS Department of Agriculture and Markets
- NYS Department of Health



AMMI

- Animal Morbidity and Mortality Investigations (AMMI)
- Purpose
 - 1. Record all wildlife health events
 - 2. Track those that are investigated
 - 3. Facilitate information sharing
- Microsoft Access® database used in 2006 which evolved into web-based reporting system in 2007

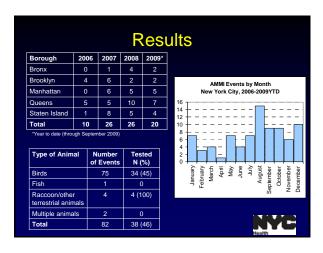


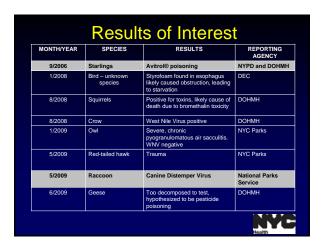
Methods

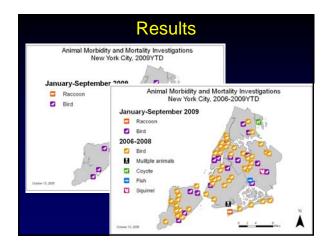
- How are wildlife health events identified?
 - Public
 - Partner agencies
- · What do we investigate?
 - Large clusters
 - Unique single animal
- How do we investigate?
 - Contract with Cornell University
 - Contract with consultant company











Pros Vastly improved communication between agencies Events now being documented Able to rule out human health concerns Ability to identify potential animal health concerns Disseminate information to others Cons Reporter fatigue — not all events entered Unable to identify exact cause of illness in many instances because of limited monetary resources and vast testing panel Not agency mandated involvement

Producing quarterly reports to encourage participation Annual meeting of partners Future directions Email alerts of new events Live mapping on web interface

Acknowledgements Sally Slavinski Andrea Paykin Annie Fine Asha Abdool Elvira Gutkin Ben Yetman Michael Funaro Jamus Collier

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