

# Wildlife Mortality Database (EPIZOO) Metadata

## Identification\_Information:

### Citation:

#### Citation\_Information:

*Originator:* USGS National Wildlife Health Center

*Publication\_Date:* Unpublished Material

*Title:* Wildlife Mortality Database (EPIZOO)

*Edition:* Version 1

*Geospatial\_Data\_Presentation\_Form:* database

## Description:

### Abstract:

The USGS National Wildlife Health Center's (NWHC) EPIZOO database is a long term data set that documents over 40 years of information on epizootics (epidemics) in wildlife. EPIZOO tracks die-offs throughout the United States and territories, primarily in migratory birds and endangered species. Data include locations, dates, species involved, history, population numbers, total numbers of sick and dead animals, and diagnostic information. Regular data are available from 1975 to the present; some data are available from earlier years. These data represent the most comprehensive documentation of the geographic occurrence of diseases in free-ranging wildlife in existence today. The data are collected from a reporting network developed at NWHC as well as from collaborators across the North American continent.

### Purpose:

Natural resource managers, regulators, the scientific community, and the public sector rely on data referencing contaminants, causes of mortality, epizootic events and disease agents to help make sound decisions regarding disease prevention and control, ecosystem management, habitat restoration, threatened and endangered species recovery planning and pesticide regulation, and to determine areas for future scientific investigation.

### Supplemental\_Information:

EPIZOO is network-based, allowing simultaneous access by multiple NWHC users; raw data are not currently accessible outside the Center. However, a subset of recent NWHC data is available on the NWHC website here:

[http://www.nwhc.usgs.gov/mortality\\_events/ongoing.jsp](http://www.nwhc.usgs.gov/mortality_events/ongoing.jsp). Compilations of the data by quarter are available here:

[http://www.nwhc.usgs.gov/publications/quarterly\\_reports/index.jsp](http://www.nwhc.usgs.gov/publications/quarterly_reports/index.jsp)

NOTE: Records are currently being migrated to new system which will feed our information into a collaborative web-based application called the Wildlife Health Information Sharing Partnership-Event Reporting System (WHISPers) for tracking basic information about historic and ongoing wildlife mortality and morbidity events. Partners include federal, state and tribal agencies.

NOTE: Information in the database has been collected from numerous qualified sources. Prior to 1980, data include some FWS and other published accounts for a 30 year retrospective. As awareness and cooperation have increased so have reports, which may cause the data to appear skewed or reflect increasing mortality when such may not be the case.

## Time\_Period\_of\_Content:

### Time\_Period\_Information:

#### Range\_of\_Dates/Times:

*Beginning\_Date:* 19750701

*Ending\_Date:* Present

*Currentness\_Reference:* ground condition

## Status:

*Progress:* In work

*Maintenance\_and\_Update\_Frequency:* Continually

*Spatial\_Domain:*

*Description:*

*Spatial\_Domain:*

*Bounding\_Coordinates:*

*West\_Bounding\_Coordinate:* 144.616667      *East\_Bounding\_Coordinate:* -  
64.566667

*North\_Bounding\_Coordinate:* 71.833333

*South\_Bounding\_Coordinate:* 13.233333

*Keywords:*

*Theme:*

*Theme\_Keyword\_Thesaurus:* None

*Theme\_Keyword:* wildlife

*Theme\_Keyword:* wildlife health

*Theme\_Keyword:* avian

*Theme\_Keyword:* bird

*Theme\_Keyword:* mammal

*Theme\_Keyword:* amphibian

*Theme\_Keyword:* reptile

*Theme\_Keyword:* marine invertebrate

*Theme\_Keyword:* endangered species

*Theme\_Keyword:* disease

*Theme\_Keyword:* morbidity

*Theme\_Keyword:* mortality

*Theme\_Keyword:* epizootic

*Access\_Constraints:*

Some information in this data file is part of confidential legal cases; it may be used in pending litigation and cannot be released.

*Use\_Constraints:*

Acknowledgement of NWHC is requested in products derived from this data.

*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Jennifer Chipault

*Contact\_Organization:*

USGS National Wildlife Health Center

*Contact\_Position:* Biological Technician

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 6006 Schroeder Road

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53711-6223

*Country:* USA

*Contact\_Voice\_Telephone:* 608.270.2473

*Contact\_Facsimile\_Telephone:* 608.270.2415

*Contact\_Electronic\_Mail\_Address:* jchipault@usgs.gov

*Hours\_of\_Service:*

8AM - 4:30PM Monday through Friday, except holidays

*Contact\_Instructions:*

Email is preferred method of contact *Data\_Set\_Credit:*

Dataset developed and maintained by NWHC personnel with help from federal, state, and local agencies and private individuals.

*Native\_Data\_Set\_Environment:*

Microsoft Access2010

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*Data\_Quality\_Information:*

*Attribute\_Accuracy:*

*Attribute\_Accuracy\_Report:*

The information in EPIZOO is derived from reports from external sources. An attempt is made to contact sources and verify information; however, the accuracy of data in these reports cannot always be determined. All data are then summarized and entered in a standard format. Once the information is entered, several systems are in place to ensure data consistency. Also, reports are published on a quarterly basis, allowing for external review.

*Logical\_Consistency\_Report:*

Database records are checked routinely to ensure data integrity.

*Completeness\_Report:*

The following are included in the master database but are not published: pending legal cases, sensitive information or incomplete cases.

*Lineage:*

*Process\_Step:*

*Process\_Description:*

There has been no statistical analysis or manipulation, other than quality control tests, performed on these data.

*Process\_Date:*

Not Complete

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*Spatial\_Data\_Organization\_Information:*

*Indirect\_Spatial\_Reference:*

FIPS codes for U.S. state and county entities, ISO 3166 codes for countries.

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*Entity\_and\_Attribute\_Information:*

*Overview\_Description:*

*Entity\_and\_Attribute\_Overview:*

The database is made up of tables which contain two types of fields: repeating and non-repeating. The repeating fields are those fields in which more than one entry can be made.

Non-repeating fields include: tracking number, NWHC contact, date of contact, beginning and ending dates for the mortality, region, flyway, status (open or closed) and final mortality.

Repeating fields include: contact (person(s) reporting event), die-off location (includes nearest town, county and state, plus latitude and longitude. NOTE: lat/long fields are included if supplied), diagnoses, labsites (sometimes other laboratories provide diagnostic data to NWHC), and species involved (includes estimated populations at the event site, known sick, known dead and estimated dead for each species involved). The main file also contains a comment field where the history and comments involved with the die-off are kept. It is important to note that information is not always available for all fields. For example, the total population for each species is rarely input because the information is not available.

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*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Jennifer Chipault

*Contact\_Organization:*

USGS National Wildlife Health Center

*Contact\_Position:* Biological Technician

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 6006 Schroeder Road

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53711-6223

*Country:* USA

*Contact\_Voice\_Telephone:* 608.270.2473

*Contact\_Facsimile\_Telephone:* 608.270.2415

*Contact\_Electronic\_Mail\_Address:* jchipault@usgs.gov

*Hours\_of\_Service:*

8AM - 4:30PM Monday through Friday, except holidays

*Contact\_Instructions:*

Email is preferred method of contact *Resource\_Description:*

These data may be referenced by the descriptor 'EPIZOO' for the Epizootiological Database.

*Distribution\_Liability:*

Although these data have been processed successfully on a computer system at the U.S. Geological Survey, no warranty expressed or implied is made regarding the accuracy or utility of the data on any other system or for general or scientific purposes, nor shall the act of distribution constitute any such warranty. This disclaimer applies both to individual use of the data and aggregate use with other data. It is strongly recommended that these data are directly acquired from a U.S. Geological Survey server, and not indirectly through other sources which may have changed the data in some way. It is also strongly recommended that careful attention be paid to the contents of the metadata file associated with these data. The U.S. Geological Survey shall not be held liable for improper or incorrect use of the data described and/or contained herein.

*Standard\_Order\_Process:*

*Non-digital\_Form:*

Information may be requested via letter or email to the contact individual referenced above.

*Fees:* None

*Ordering\_Instructions:*

Written requests for specific information from the Epizootiological Database (EPIZOO) should be addressed to the primary contact person noted above.

*Turnaround:*

Requests for information will be processed in as timely a manner as possible. All response times are tied to the availability of personnel to process the request.

*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Format\_Name:*

Access (accdb) or Excel (xlsx) files on disk, other formats (e.g. PDF available upon request)

*Digital\_Transfer\_Option:*

*Offline\_Option:*

*Offline\_Media:* 3.5" diskette or CD

*Recording\_Format:* PC compatible

*Compatibility\_Information:*

PC compatible computers running Windows XP/7 *Fees:* None

*Ordering\_Instructions:*

Written requests for specific information from the epizootiological database (EPIZOO)

should be addressed to the primary contact person noted above.

*Turnaround:*

Requests for information will be processed in as timely a manner as possible. All response times are tied to the availability of personnel to process the request.

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 19950801

*Metadata\_Review\_Date:* 20031027

*Metadata\_Future\_Review\_Date:* 20150601

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Karen M. Cunningham

*Contact\_Organization:*

USGS National Wildlife Health Center

*Contact\_Position:* Information Technology Specialist

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 6006 Schroeder Road

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53711-6223

*Country:* USA

*Contact\_Voice\_Telephone:* 608.270.2423

*Contact\_Facsimile\_Telephone:* 608.270.2415

*Contact\_Electronic\_Mail\_Address:* kcunningham@usgs.gov

*Hours\_of\_Service:*

8:30AM - 4:30PM Monday through Friday, except holidays

*Metadata\_Standard\_Name:*

FGDC Content Standards for Digital Geospatial Metadata  
*Metadata\_Standard\_Version:*  
FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Access\_Constraints:* None

*Metadata\_Use\_Constraints:* None

*Metadata\_Security\_Information:*

*Metadata\_Security\_Classification\_System:* None

*Metadata\_Security\_Classification:* Unclassified

*Metadata\_Security\_Handling\_Description:* None