

Journal Contents

SEARCH

Current Volume

Volumes

Articles

Special Collections

General Information

About the Journal

Information for Authors

Copyright Information

Register for e-mail alerts

Submit a Paper

Comparative mortality levels among selected species of captive animals

Iliana Kohler
Samuel H. Preston
Laurie Bingaman Lackey

VOLUME 15 - ARTICLE 14
PAGES 413 - 434

Date Received: 6 Jun 2006
Date Published: 17 Nov 2006

<http://www.demographic-research.org/volumes/vol15/14/>

- ▶ [Bookmark this page](#)
- ▶ [Send this article to a friend](#)



Click the icon to view and/or download the PDF file. Once you are in the PDF file, use your browser back button to return to this page.

Abstract

We present life tables by single year of age and sex for groups of animals and for 42 individual mostly mammalian species. Data are derived from the International Species Information System. The survivorship of most of these species has never been mapped systematically. We demonstrate that, in most of the groups, female survivorship significantly exceeds that of males above age five. Wild-born animals do not have mortality that differs significantly from captive-born animals. While most species have mortality that rises with age above the juvenile stage, there are several groups for which the age pattern of mortality is nearly level.

Author's affiliation

[Iliana Kohler](#)
University of Pennsylvania, United States of America
[Samuel H. Preston](#)
University of Pennsylvania, United States of America
[Laurie Bingaman Lackey](#)
International Species Information System - ISIS, United States of America






Keywords

ISIS, longevity, mortality, survivorship


Word count (Main text)

4689

Other Articles by the same author/authors (in *Demographic Research*)

-  [\[19-60\] Educational differences in all-cause mortality: Evidence from Bulgaria, Finland and the United States](#)
-  [\[19-35\] An integrated approach to cause-of-death analysis: cause-deleted life tables and decompositions of life expectancy](#)
-  [\[18-9\] Cohort fertility patterns and breast cancer mortality among U.S. women, 1948-2003](#)
-  [\[6-12\] Integrated Information System for Demographic Statistics 'ESGRAON-TDS' in Bulgaria](#)
-  [\[3-8\] Frailty Modelling for Adult and Old Age Mortality: The Application of a Modified DeMoivre Hazard Function to Sex Differentials in Mortality](#)

Similar Articles (in *Demographic Research*)

 [1-3] Longevity and month of birth: Evidence from Austria and Denmark (mortality, longevity)

[\[Back to previous page \]](#)