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Biological Capital Estimation for the United States: Data sets for Adauto Rocha dissertation

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"Data sets for Adatao Rocha dissertation" (MS #1084)

BIOLOGICAL CAPITAL ESTIMATION FOR THE UNITED STATES

by

Adatao B. Rocha Junior

PhD dissertation, University of Nebraska, Lincoln, May 2023

Excel files with calculations used for chapters in the above dissertation are posted here in the following order:

Ch 1: BIOLOGICAL CAPITAL ESTIMATION FOR ANIMAL CATEGORIES: CAPITAL MEASUREMENT USING DATA ON PRICE OF NEW ASSETS

Dairy capital report US.xls

Beef capital report US.xls

Hog sows capital report US.xls

Ch 2: BIOLOGICAL CAPITAL ESTIMATION FOR ORANGE ORCHARDS: CAPITAL MEASUREMENT USING BUDGET SHEETS

Orange capital report CA.xls

Orange capital report FL.xls

Oranges summary stocks and services.xls

Ch 3: BIOLOGICAL CAPITAL ESTIMATION FOR APPLE ORCHARDS: CAPITAL MEASUREMENT USING BUDGETS

Apple capital report MI.xls

Apple capital report NY.xls

Apple capital report WA.xls

Ch 4: BIOLOGICAL CAPITAL ESTIMATION FOR GRAPE VINEYARDS IN CALIFORNIA: CAPITAL MEASUREMENT USING BUDGETS

Grapes capital report CA.xls

Ch 5: ESTIMATION FOR PASTURELANDS: CAPITAL MEASUREMENT USING SURVEY DATA

Cropland pastured capital report 10 states.xls

Every data used in this research and not available in the Excel files was properly referenced and is readily available online. Excel files with datasets in which it was done any interpolation or data imputation are the following:

- Apples:
 - Apples_2008 Apple Cost of production in MI.xls: Production costs for apples in Michigan, published by Michigan State University. Available at: <[2008 Costs of Apple Production - Apples \(msu.edu\)](http://msu.edu)>.
 - Apples_Data on apples for WA, MI, NY.xls: Dataset with data on bearing acreage, production, and average price of apples for the states of MI, NY, and WA.
 - Apples_Final summary states.xls: Summarized dataset with data on bearing acreage, production, and average price of apples for the states of MI, NY, and WA.
- Grapes:
 - Grapes_States.xls: Dataset with data on bearing acreage, production, average price, and bearing and nonbearing grape vines for the states of CA, NY, and WA;
 - Grapes budgets CA .xls: contain the budgets used in the calculations of the grape capital report for CA.
- Oranges:
 - Oranges_Data.xls: Dataset with data on bearing acreage, production, average prices, and bearing and nonbearing orange trees for the states of CA and FL.
 - Oranges_Final summary states.xls: Summarized dataset with data on bearing acreage and average prices for the states of CA and FL.
- Pastureland:
 - Pastureland_acreage.xls: Data on cropland pastured, per state.
- Livestock (datasets with pivot table and imputations):
 - Livestock_Cows, price received in \$ per CWT.xls
 - Livestock_dairy product totals, index for price received.xls
 - Livestock_heifers GE 500 lbs kept for milk replacement, US level.xls
 - Livestock_price received for milk cows.xls
 - Livestock_Slaughtered GE500lbs, lb per head, live basis.xls
 - Livestock_Slaughtered heifers, lb per head, dressed basis.xls
 - Livestock_summary cows data.xls
- Hog sows (datasets with pivot table and imputations):
 - Hogs_Death loss.xls
 - Hogs_Price received in \$ per CWT.xls
 - Sows_Price received in \$ per CWT.xls