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ICPSR 35206

United States Agriculture Data, 1840 - 2010

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USAGRICULTURE.COUNTY_ALL3.DOC.WPD

ACKNOWLEDGMENTS: The files contain some basic information from 1850 to 1950 taken from ICPSR Study Number 0003. Some additional information for 1950 & for the files 1954 to 1974 were taken from various digitized files that were done by the United States Bureau of the Census & the United States Department of Agriculture. The files from 1978 to 1997 are from the CD-Rom's provided by the Bureau of the Census. The files for 2002 & 2007 are from CD-ROM's from the U.S. Department of Agriculture. The remaining information for each census were entered directly from the published volumes.

Some of the information for 1840-1860 & 1880 was furnished by Lee A. Craig (Dept. of Economics, North Carolina State University) & Thomas Weiss (Dept. of Economics, University of Kansas). The price & output data for 1840-1860 were calculated by Lee Craig. Some variables were taken from ICPSR #0003.

The present data sets were compiled & corrected by Michael R. Haines (Dept. of Economics, Colgate University), Price Fishback (Department of Economics, University of Arizona; & Paul Rhode, (Department of Economics, University of Michigan). The authors wish to thank Colgate University (the Banfi Vintners Professor research account & other research funds) & the Universities of Arizona & Michigan for providing student research assistants. They also wish to acknowledge the support of the National Science Foundation (NSF Grant NSF-SES-0921732 "The Dramatic Rise in Agricultural Productivity in the U.S from 1910 to 1950: Disentangling the Roles of Technological Change, Government Policy, & Climate". NSF Grant 0648045 "The National Historical Geographic Information System") & the National Institutes of Health (RO1 HD057929 "Integrated Spatio-Temporal Aggregate Data Series: Print Conversion & Vital Statistics").

DESCRIPTION: This set of files provides complete published county level data from the United States Censuses of Agriculture for 1840 to 1945 & from 1969 to 2007. It also includes the state & national totals for the variables included. All variables at the county level were taken up through 1925. Thereafter, some data were omitted. Further censuses will be added. Please note that most of the basic crop output data apply to the previous harvest year. Since the censuses were taken in June, this means 1839, 1849, 1859, 1869, 1879, 1889, 1899 etc. Only after 1880 was a distinction made as to time period in the published data. The stock variables, such as value of farms, numbers of livestock, & acreage, apply to the time of the census. The file also includes partial data from the agriculture censuses of 1950 to 1964. For 1930, 1940, & 1945, the data by type of farm were not coded. In some cases, variables that were not available in a particular census were published in subsequent censuses.

Certain basic things were done to the data. First, all the data were checked for adding up. That is, counties should total up to states & states should total up to the United States total, whenever counts were involved. Second, some regular extra variables were added, including the county & state FIPS codes, codes for census region, & a variable "level" (1=county 2=state 3=USA) to allow for selection. Third, for 1840-1860, some additional variables were created. These involved the inclusion of prices (by state) for various commodities, the multiplication of the physical quantities by those prices to obtain value of output of those commodities, & the summing of various values to obtain different measures of the value of agricultural output. This was not done for 1870 & subsequent censuses.

The format of the present set of files is STATA SE versions 10.0-12.0. What follows here is simply a listing of the variables & their labels using the STATA "describe" command. The STATA files may be readily converted into other formats with such programs as StatTransfer. The county files are labeled ag???co.dta, where "???" represents the last three digits of the census year, e.g., "840" represents 1840. More complete information for many of the variables may be found in the original census volumes.

ICPSR PROCESSING NOTES FOR # 35206

United States Agriculture Data, 1840 – 2010

1. **Extent of Processing:** This collection has been minimally processed by ICPSR and reflects the data as deposited. Users may notice inconsistencies between the data and the Original P.I. Documentation, such as:

    a. Variable lists between the data and documentation may not match exactly. For instance, for part 10 (1920 County and State, Dataset 1) the variables **REGION1** and **REGION2** appear in the variable list in the Original P.I. Documentation, however, are not present in the data.

    b. There are slight differences between the variable labels in the data and variable labels listed in the Original P.I. Documentation.

    c. There are several instances of duplicate/non-unique variable labels throughout the collection. No information was provided.

    d. Value labels were not applied to the data, where applicable; please refer to the Original P.I. Documentation for value label information. For some variables, such as **REGION1** and **REGION2**, no value label information was provided.

2. **Data File Names:** The data file names referenced in the Original P.I. Documentation do not pertain to the ICPSR distribution of the collection.

3. **Large Data Files:** The data files for part 46 (State and County Data, United States, 1980-2010) are very large (over 26,000 variables).

4. **ICPSR State Code List:** Please refer to the following list regarding ICPSR state codes:

01 Connecticut
02 Maine
03 Massachusetts
04 New Hampshire
05 Rhode Island
06 Vermont
11 Delaware
12 New Jersey
13 New York
14 Pennsylvania
21 Illinois
22 Indiana
23 Michigan
24 Ohio
25 Wisconsin
31 Iowa
32 Kansas
33 Minnesota
34 Missouri
35 Nebraska
36 North Dakota
37 South Dakota
40 Virginia
41 Alabama
42 Arkansas
43 Florida
44 Georgia
45 Louisiana
46 Mississippi
47 North Carolina
48 South Carolina
49 Texas
51 Kentucky
52 Maryland
53 Oklahoma
54 Tennessee
56 West Virginia
61 Arizona
62 Colorado
63 Idaho
64 Montana
65 Nevada
66 New Mexico
67 Utah
68 Wyoming
71 California
72 Oregon
73 Washington
81 Alaska
82 Hawaii

5. **Truncated Variable Labels:** Several variable labels are truncated in the data throughout this collection due to statistical package limitations. Please refer to the Original P.I. Documentation for full variable labels.

6. **Blank data**: The data files for parts 23, 29, and 32 have variables labeled “Blank” some of which contain data and some of which contain zeros. No information was provided.