**ICPSR 4254** 

# **Great Plains Population and Environment Data: Agricultural Data, 1870-1997 [United States]**

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Codebook for 1890 Agricultural Data

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# Great Plains Population and Environment Data: Agricultural Data, 1870-1997 [United States]

## Myron P. Gutmann, Principal Investigator

## **Study Description**

#### Introduction

The data in this series of studies were collected by an interdisciplinary research team between 1995 and 2004, as part of a research project funded by the National Institute of Child Health and Human Development (Grant Number R01 HD33445 to the University of Michigan). The goal of the project was to collect information about approximately 500 counties in twelve states of the Great Plains of the United States, and then to analyze those data in order to understand the relationships between population and environment that existed between the years of about 1870 and 2000.

The original conceptualization of the project was to study counties, so the data distributed here are all data about counties. The data fall into four broad categories: about the counties, about agriculture, about demographic and social conditions, and about the environment. The information about counties (name, area, identification code, and whether we classified the county as part of the Great Plains in a given year) are embedded in each of the other data files, so that there will be three series of data (agriculture, demographic and social conditions, and environment), with individual data files for each year for which data are available. As the data are finalized for release, we are making them available to the research community as part of a series entitled "Great Plains Population and Environment Data." The Investigators intend to make all the data they have collected available for public use, subject to the conditions imposed by the original sources of the data.

#### The Counties

The Great Plains are part of the great natural grassland that stretches across the central part of North America eastward from the Rocky Mountains. We define its boundaries primarily in terms of natural conditions. We set its boundaries on the east at the line of 700 mm of average annual precipitation, and on the west at 5,000 feet of elevation. We bound the Great Plains on the north at the Canadian border and on the south in Texas and New Mexico at the 32nd parallel. Much of the Great Plains is a high plain, more than 2,000 feet above sea level and sloping ever upward as it moves west. The counties of the Great Plains share some environmental characteristics, but because of their range of soil, temperature, precipitation and elevation, are also quite different from each other. The southern plains and the northern plains are not the same; nor are the eastern and western Great Plains. What these sub-regions share is the flat or slightly rising treeless expanse that must have greeted all early visitors, and the preponderance of grasses in their natural vegetation. The result of our selection procedure is a set of about 500 counties (in recent

years) in Montana, Wyoming, Colorado, New Mexico, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Minnesota, and Iowa that share a number of environmental characteristics while retaining a considerable amount of diversity.

The project has collected data for all counties within these twelve states (approximately 1010 in recent years). The data files (for agriculture, for demographic and social conditions, and for environment) list each county in each year for which we have collected data, by name and by state and county Federal Information Processing Standards (FIPS) 6-4 Codes<sup>1</sup>, the geographic area of the county, and whether the county falls within the boundaries of the Great Plains as we have defined them.

#### Agricultural Data

The agricultural data included in this Series consists of a single data file for each agricultural census year between 1870 and 1997 that includes selected material compiled as part of the U.S. Agricultural Census. The U.S. Census of Agriculture has been conducted since 1850 on a regular schedule that was decennial until 1920, and more frequently since (every five years from 1925 to 1950, then in 1954, 1959, 1964, 1978, and every five years since 1982). The county-level agricultural data produced by the U.S. government as part of the Census constitute a remarkable and consistent series of measures of changing agriculture and land use.

The data in the Great Plains Population and Environment Data series are a subset of the variables available from the total body of Agricultural Census information for counties. They were produced by extracting information from previously existing digital files (ICPSR Study No. 3, ICPSR Study No. 2896, Data digitized by the Economic Research Service of the United States Department of Agriculture (USDA), and digital versions of the Agricultural Census produced by the U.S. Bureau of the Census and the USDA), and by manually digitizing selected variables from the volumes published by the U.S. Bureau of the Census and the U.S. Department of Agriculture. All the sources used are listed later in this document. We also list digital versions of the data where they exist. Some of these are part of the ICPSR collection, while others are not.

We have attempted to give the variables consistent names, as shown in the documentation for these files. It is important for data users to recognize that there are sometimes significant but subtle differences between what may appear to be the same variable in two different census years. Where possible our technical documentation emphasizes those differences, but to be certain the data user may need to do his or her own exploration into the sources.

later censuses.

<sup>&</sup>lt;sup>1</sup> For a description of the FIPS 6-4 Codes, see <a href="http://www.itl.nist.gov/fipspubs/fip6-4.htm">http://www.itl.nist.gov/fipspubs/fip6-4.htm</a>. For counties dissolved before FIPS codes were implemented, we used a combination of codes created by the HUSGO project and codes created by the Great Plains Project. We followed the geography used by the Census Bureau, and also assigned new codes to counties that were substantially different geographic areas than in

# **Missing Values**

Virtually all the data in the Great Plains Population and Environment database are drawn from published tabulations of administrative and survey data at the scale of the U.S. County. In the database, some of those data are characterized as "missing," and assigned to one of the categories identified in this table. There are a number of reasons why data may be missing for a given variable for a given county in a given year. At the simplest, the county might not yet have been created at the time of that census, or the Census Bureau (or other data producer) might have combined two or more counties into a single tabulation unit for a specific publication. Other reasons for data being missing may have something to do with the characteristics of the county. For example, some counties do not have a climate suitable for growing a specific crop, which we see for cotton -- tabulated for Texas but never for North Dakota. In another common example in the agricultural data, counties with data from too few farms in a single tabulation would be recorded as "missing" in order to prevent the characteristics of those farms from being revealed in the data. Finally, data are missing because there has been some problem in reproducing them, either because the original publication is illegible, or because we have constructed them from multiple sources and one or more of those sources is itself missing.

The research team that produced these data has maintained the fine grain of different types of missing data because we believe that the different kinds of missing data reveal important information that may be useful in their analysis.

Missing values frequencies are not included the summary statistics in the following codebook. They will be found in the data files as negative values. All negative values in the datasets are missing values. Missing values have been coded according to the table on the next page.

# **Missing Value Coding**

Code	Explanation			
-1	Data not applicable* FOR EXAMPLE: Agricultural data from Indian			
	Reservations were recorded according to county boundaries in 1910.			
	Therefore, the values for Pine Ridge Indian Reservation, South Dakota, are -1.			
-2	<b>Data not available*</b> Data not available (not reported, schedules destroyed, information lost, etc.) - ICPSR -9***			
	No data available (same as -9) - ICPSR -1***			
-3	Less than half of the unit shown*			
-4	Withheld for privacy. Withheld to avoid disclosing data for individual farms*			
-	Data not reported to avoid violation of confidentiality rules of data collector			
	(e.g., the Census Bureau)***			
-5	Data not published for this state or county**			
-7	Data included in "all other" ** In some tables, not all counties were			
	explicitly tablulated. Those that were not constituted as separate unit, labeled			
	"All Other." For example, irrigation data data were only reported for 8 counties			
	in Kansas in 1920, with the rest grouped into "Other Counties." Therefore, most counties in Kansas have values of -7 for the irrigation variables.			
0	Data illegible in published volumes***			
-8	0 1			
-9	Data has special problems (see footnote in original source)**			
-10	<b>Data included under another entry</b> (combination of two or more variables, etc.) *** These variables are set off by brackets in the published tables.			
-11	<b>Data recorded under another political unit***</b> For example, San Juan			
	County, Colorado, data were included with the data for La Plata County in			
	1940. Therefore, the values for San Juan County are -11.			
-13	<b>Sum of missing values.</b> Variable is the sum of variables where the value is			
	missing for all components. This flag appears only as a result of			
1.4	programming.**			
-14	<b>Result of merge.</b> Variable is not available or was not collected for this unit, but appears in master data files as the result of merging multiple files. This flag			
	appears only as a result of programming.**			
-15	Sum with missing value(s). Variable is the sum of other variables, where the			
	value is missing for one or more of the components. This flag appears only as a result of programming.**			
	result of programming.			
	*USDA Census of Agriculture			
	**Great Plains Project			
	•			
	***ICPSR Study No. 3 Codebook			

### Acknowledgements

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A large number of individuals contributed to the production of these data. I especially wish to thank

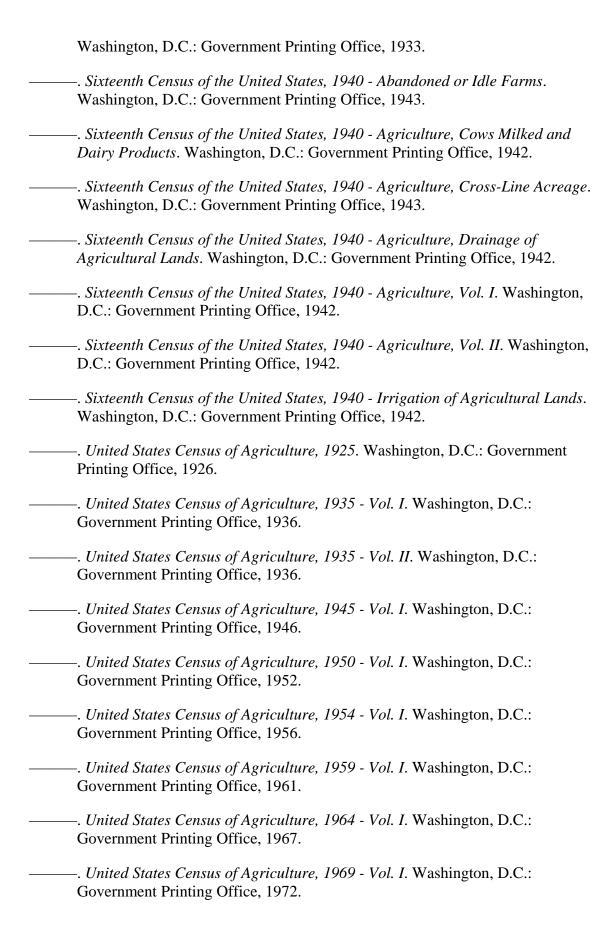
Susana Adamo, Geoff Cunfer, Betsy Guzman, Michelle Butler, Delia Hagen, Eric Johnson, Susan Hautaniemi Leonard, William Myers, Andrés Peri, Sara Pullum, and Kenneth Sylvester

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# **Agricultural Data Codebook**

#### **Contents:**

Table 1. Agricultural Variables by Category Data Codebook
Table 2. Agricultural Variables Sources

**Table 1. Agricultural Variables by Category**, lists the variables in the data file, with the variable name assigned by the Great Plains Project in the first column and a longer variable description taken from the original source in the second column. This description preserves the relationships of items in the original source tables. The variables are grouped into the following categories:

Grains and Hay Row Crops and Vegetables Land Inputs Livestock, Poultry and Dairy Market Value

Within each category variables are listed in the order they are found in the source (generally Volume, Table and then order within the Table). Variables are presented in the same order in the Data Codebook and in Table 2.

**Data Codebook** provides fuller descriptions of each variable, including:

Variable name

Brief variable description (which also serves as the variable label)

Full description from the original source

Variable source

Additional notes about the variable not contained in the descriptions Summary statistics

**Table 2. Agricultural Variables Sources,** provides the full name of the source table where applicable, information on variables created by the Great Plains Project, the name of the source (generally the Census Volume), and the organization that keyed the data. Full bibliographic citations are listed above.

Table 1	Agricultural Variables by Category
Name	Description
Grains and	d Hay Variables
CER XH A	Cereals: Acres
BAR_XH_A	Barley: Acres
BAR_XH_B	Barley: Bushels
BWT_XH_A	Buckwheat: Acres
BWT_XH_B	Buckwheat: Bushels
OAT_XH_A	Oats: Acres
OAT XH B	Oats: Bushels
RYE XH A	Rye: Acres
RYE_XH_B	Rye: Bushels
WHT_XH_A	Wheat: Acres
WHT_XH_B	Wheat: Bushels
FLX_XH_A	Flax: Area: Acres
FLX_XH_B	Flax: Seed: Bushels
HAY_XH_A	Hay (All Kinds): Acres Mown
HAY_XH_T	Hay (All Kinds): Tons Harvested
	· · · · · · · · · · · · · · · · · · ·
Row Crop	s and Vegetable Variables
	Indian Corn: Acres
CRN GH B	Indian Corn: Bushels
COT_XH_A	Cotton: Acres
COT_XH_C	Cotton: Bales
SRG_MX_A	Sorghum: Acres
BEA_XH_B	Pulse: Beans (Dry): Bushels
PNT_XH_A	Peanuts: Acres
PNT_XH_B	Peanuts: Bushels
POT_XH_A	Potatoes: Irish: Acres
POT_XH_B	Potatoes: Irish: Bushels
POT_ZH_A	Potatoes: Sweet: Acres
POT_ZH_B	Potatoes: Sweet: Bushels
Land Varia	ables
FRM XX Q	Number of Farms Classified According to Acreage: Total
	Number of Farms Classified According to Acreage: Under 10 Acres
FRM_SC_Q	Number of Farms Classified According to Acreage: 10 and Under 20 Acres
FRM_SD_Q	Number of Farms Classified According to Acreage: 20 and Under 50 Acres
FRM_SE_Q	Number of Farms Classified According to Acreage: 50 and Under 100 Acres
FRM_UH_Q	Number of Farms Classified According to Acreage: 100 and Under 500 Acres
FRM_SI_Q	Number of Farms Classified According to Acreage: 500 and Under 1000 Acres
FRM_SL_Q	Number of Farms Classified According to Acreage: 1000 Acres and Over
SIZ_AX_A	Number of Farms Classified According to Acreage: Average Size of Farm
FRM_OF_Q	Classification According to Tenure: Class 1Cultivated by Owners: Total: Acres
FRM_TC_Q	Classification According to Tenure: Class 2Rented for Fixed Money Value: Total
FRM_TQ_Q	Classification According to Tenure: Class 3Rented for Shares of Products: Total
FML_XX_A	Number of Acres in Farms
IML_XX_A	Acres in Farms: Improved: Number
UNL_XX_A	Acres in Farms: Unimproved: Number
FML_IX_A	Area Irrigated in Acres
FRM_IX_Q	Number of Irrigators
ARE_XX_A	Land Area: Acres

Input Varia	Input Variables					
PRP_XX_V	Valuation: Land, Fences and Buildings: Dollars					
IMP_XX_V	Valuation: Implements and Machinery: Dollars					
FRT_XX_V	Cost of Fertilizers Purchased in 1889: Dollars					
Livestock	, Poultry, and Dairy Variables					
CTL_XX_Q	Neat Cattle on Farms, as of June 1, 1890: Total: Number					
CTL_MX_Q	Neat Cattle on Farms, as of June 1, 1890: Milch Cows: Number					
CTL_XS_Q	Slaughtered for Consumption on Farms, 1889: Number					
MLK_XX_G	Milk Produced on Farms, 1889: Gallons					
BUT_XX_P	Butter Made on Farms, 1889: Pounds					
CHS_XX_P	Cheese Made on Farms, 1889: Pounds					
HRS_XX_Q	Horses, June 1, 1890: Number					
SWN_XX_Q	Swine, June 1, 1890: Number					
SHP_XX_Q	On Farms, as of June 1, 1890: Total: Number					
SHP_XS_Q	Slaughtered for Use on Farms, 1889: Number					
WOL_XX_F	Shorn Fall of 1889 and Spring of 1890: Fleeces					
WOL_XX_P	Shorn Fall of 1889 and Spring of 1890: Pounds					
Market Value Variables						
STK_XX_V	Valuation: Livestock on Hand, as of June 1, 1890: Dollars					
AFP_XX_V	Estimated Value of Farm Products, 1889: Dollars					

#### Codebook for ICPSR 04254

# **Great Plains Population and Environment Data: Agricultural Data**

Dataset0003: 1890 Agricultural Data

#### Variable Variable Description

Please Note: The "(M)" to the right of the value indicates the code has been designated as a missing value.

#### NAME NAME

Start: 1 End: 50 Width: 50

Type: character (ISO) Interval: discrete

#### **UNFIPS** State + county identifier

Start: 51 End: 55 Width: 5

Type: character (ISO) Interval: discrete

#### GP Great Plains county status

Start: 56 End: 56 Width: 1

Type: numeric (ISO) Interval: discrete

Valid	Min	Max	Mean	Stdev
862	0.00	1.00	0.48	0.50

#### CER XH A Cereals, acres

Start: 57 End: 63 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Cereals: Acres

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-

#### Variable **Variable Description**

# CER\_XH\_A

# Cereals, acres (cont.)

Value	Label	Frequency	%
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
782	3.00	500272.00	62444.74	67519.67

#### BAR\_XH\_A

#### Barley, acres

Start: 64 End: 69 Width: 6

Type: numeric (ISO)

Interval: discrete Missing: -15, -1, thru Barley: Acres

Eleventh Census of the United States, 1890 - Vol. V, Table 14

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-
		0.1	

Valid	Min	Max	Mean	Stdev
862	-14.00	44923.00	1386.44	4690.23

# BAR\_XH\_B

#### Barley, bushels

Start: 70 End: 77

Barley: Bushels

#### **Variable Description**

#### BAR\_XH\_B

# Barley, bushels (cont.)

Width: 8

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Eleventh Census of the United States, 1890 - Vol. V, Table 14

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	1330951.00	31965.94	124365.08

## BWT\_XH\_A

#### Buckwheat, acres

Start: 78 End: 82 Width: 5

Type: numeric (ISO)
Interval: discrete

Missing: -15, -1, thru

**Buckwheat: Acres** 

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-

# Variable Variable Description

#### BWT\_XH\_A

# Buckwheat, acres (cont.)

Value	Label	Frequency	%
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	2780.00	82.85	243.36

# BWT\_XH\_B

#### Buckwheat, bushels

Start: 83 End: 88 Width: 6

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Buckwheat: Bushels

Eleventh Census of the United States, 1890 - Vol. V, Table 14

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	29406.00	895.67	2803.81

# OAT\_XH\_A

#### Oats, acres

Start: 89 End: 94

Oats: Acres

Width: 6

Type: numeric (ISO) Eleventh Census of the United States, 1890 - Vol. V, Table 14

#### **Variable Description**

# OAT\_XH\_A

# Oats, acres (cont.)

Interval: discrete Missing: -15, -1, thru

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	75755.00	11577.01	15678.39

# OAT\_XH\_B

#### Oats, bushels

Start: 95 End: 102 Width: 8

Oats: Bushels

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-

# Variable Variable Description OAT\_XH\_B Oats, bushels (cont.) Value Label Frequency

Value	Label	Frequency	%
-3	Less than half of the unit reported	-	_
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	3298608.00	366175.85	593625.88

# RYE\_XH\_A Rye, acres

Start: 103 End: 108 Width: 6

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Rye: Acres

Eleventh Census of the United States, 1890 - Vol. V, Table 14

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-
		<u> </u>	

Valid	Min	Max	Mean	Stdev
862	-14.00	11097.00	531.18	1240.55

# RYE\_XH\_B Rye, bushels

Start: 109 End: 115 Width: 7

Type: numeric (ISO) Interval: discrete Rye: Bushels

# **Variable Description**

# RYE\_XH\_B

# Rye, bushels (cont.)

Missing: -15, -1, thru

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	228333.00	8002.56	20960.09	

# WHT\_XH\_A

#### Wheat, acres

Start: 116 End: 122 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Wheat: Acres

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

# Variable Variable Description

#### WHT\_XH\_A

# Wheat, acres (cont.)

Value	e Label			Frequency	%
-2	Not available			-	-
-1 (M)	Not applicable			-	-
Valid	Min	May	Moan	Stdov	

Valid	Min	Max	Mean	Stdev
862	-14.00	422353.00	13730.07	33820.72

#### WHT\_XH\_B

#### Wheat, bushels

Start: 123 End: 130 Width: 8

Wheat: Bushels

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Eleventh Census of the United States, 1890 - Vol. V, Table 14

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	4433586.00	176913.86	426357.66

#### FLX\_XH\_A

#### Flaxseed, acres

Start: 131 End: 136 Width: 6

Flax: Area: Acres

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

# **Variable Description**

# FLX\_XH\_A

# Flaxseed, acres (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	34701.00	1403.14	3983.45	

# FLX\_XH\_B

# Flaxseed, bushels

Start: 137 End: 143 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Flax: Seed: Bushels

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description FLX\_XH\_B Flaxseed, bushels (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Max Valid Min Mean Stdev 862 -14.00 312108.00 10865.89 32209.68

#### HAY\_XH\_A

Start: 144 End: 150

Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

# Hay, acres

Hay (All Kinds): Acres Mown

Eleventh Census of the United States, 1890 - Vol. V, Table 20

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	115213.00	20459.78	23207.34

HAY\_XH\_T

Hay, tons

Hay (All Kinds): Tons Harvested

Start: 151 End: 157 Width: 7

Type: numeric (ISO)

Interval: discrete Missing: -15, -1, thru

# **Variable Description**

# HAY\_XH\_T

# Hay, tons (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	153550.00	25745.15	29996.19	

# CRN\_GH\_A

#### Corn for grain, acres

Start: 158 End: 164 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Indian Corn: Acres

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

# Variable Variable Description

#### CRN\_GH\_A

#### Corn for grain, acres (cont.)

Value	Label			Frequency	%
-2	Not available			-	-
-1 (M)	Not applicable			-	-
Valid	Min	Max	Mean	Stdev	

Valid	Min	Max	Mean	Stdev
862	-14.00	214595.00	29340.32	40243.23

#### CRN\_GH\_B

#### Corn for grain, bushels

Start: 165 End: 172 Width: 8

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Indian Corn: Bushels

Eleventh Census of the United States, 1890 - Vol. V, Table 14

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	9790327.00	1041890.45	1708990.70

COT\_XH\_A

Cotton, acres

Start: 173 End: 179 Width: 7

Cotton: Acres

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

# Variable Variable Description

# COT\_XH\_A

# Cotton, acres (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	103629.00	4562.58	14672.73	

# COT\_XH\_C

Start: 180 End: 185 Width: 6

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

# Cotton, bales

Cotton: Bales

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

# Variable Description

#### Cotton, bales (cont.)

Value	Label	Label			%
-2	Not available	Not available			-
-1 (M)	Not applicable	Not applicable			-
Valid	Min	Max	Mean	Stdev	
862	-14.00	42701.00	1703.55	5649.88	

# SRG\_MX\_A Sorghum for molasses, acres

Start: 186 End: 190 Width: 5

COT\_XH\_C

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Sorghum: Acres

Eleventh Census of the United States, 1890 - Vol. V, Table 18

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	2983.00	137.23	252.53

# BEA\_XH\_B Beans (dry), bushels

Start: 191 End: 195 Width: 5

Type: numeric (ISO) Interval: discrete

Interval: discrete Missing: -15, -1, thru Pulse: Beans (Dry): Bushels

# **Variable Description**

# BEA\_XH\_B

# Beans (dry), bushels (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available -		
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	5645.00	198.86	465.68	

# PNT\_XH\_A

Peanuts, acres

Start: 196 End: 199 Width: 4

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Peanuts: Acres

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description

#### PNT\_XH\_A

#### Peanuts, acres (cont.)

Value	Label			Frequency	%
-2	Not available			-	-
-1 (M)	Not applicable			-	-
Valid	Min	Max	Mean	Stdev	

160.00 862 -14.00 1.71 11.77

#### PNT\_XH\_B

#### Peanuts, bushels

Start: 200 End: 204 Width: 5

Peanuts: Bushels

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Eleventh Census of the United States, 1890 - Vol. V, Table 22

Sum with missing value(s)		
	-	-
Result of merge	-	-
Sum of missing values	-	-
Recorded under another unit	-	-
ncluded under another entry	-	-
Special problems	-	-
llegible in published volumes	-	-
Combined with 'all other' -		
Not published for this unit	-	-
Vithheld for privacy	-	-
Less than half of the unit reported -		
Not available -		
Not applicable		
	Sum of missing values Recorded under another unit ncluded under another entry Special problems Illegible in published volumes Combined with 'all other' Not published for this unit Withheld for privacy Less than half of the unit reported Not available	Sum of missing values  Recorded under another unit  ncluded under another entry  Special problems  - Illegible in published volumes  Combined with 'all other'  Not published for this unit  Withheld for privacy  Less than half of the unit reported  Not available  -

Valid	Min	Max	Mean	Stdev
862	-14.00	4389.00	80.47	317.25

#### POT\_XH\_A

#### Potatoes, acres

Start: 205 End: 210 Width: 6

Potatoes: Irish: Acres

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

# **Variable Description**

# POT\_XH\_A

# Potatoes, acres (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	12716.00	694.13	1007.87	

# POT\_XH\_B

Potatoes, bushels

Start: 211 End: 218 Width: 8

Type: numeric (ISO) Interval: discrete

Missing: -15, -1, thru

Potatoes: Irish: Bushels

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description POT\_XH\_B Potatoes, bushels (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Mean Max Stdev

#### POT\_ZH\_A

# Sweet potatoes, acres

-14.00

862

Start: 219 End: 223 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Potatoes: Sweet: Acres

Eleventh Census of the United States, 1890 - Vol. V, Table 22

1018203.00

61511.67

100944.48

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable -		

Valid	Min	Max	Mean	Stdev
862	-14.00	1142.00	70.12	174.99

#### POT\_ZH\_B

#### Sweet potatoes, bushels

Start: 224 End: 230 Width: 7

Potatoes: Sweet: Bushels

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

# **Variable Description**

# POT\_ZH\_B

# Sweet potatoes, bushels (cont.)

Value	Label	Frequency	%	
-15 (M)	Sum with missing value(s)	-	-	
-14	Result of merge	-	-	
-13	Sum of missing values	-	-	
-11	Recorded under another unit	-	-	
-10	Included under another entry	-	-	
-9	Special problems	-	-	
-8	Illegible in published volumes	-	-	
-7	Combined with 'all other' -			
-5	Not published for this unit	-	-	
-4	Withheld for privacy	-	-	
-3	Less than half of the unit reported -			
-2	Not available -			
-1 (M)	Not applicable -			

Valid	Min	Max	Mean	Stdev	
862	-14.00	128587.00	7304.99	18409.42	

# FRM\_XX\_Q

Start: 231 End: 235 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

#### Farms, number

Number of Farms Classified According to Acreage: Total

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description FRM\_XX\_Q Farms, number (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Mean Max Stdev 862 -14.00 4825.00 1094.05 990.54

#### FRM\_SR\_Q

Farms under 10 acres, number

Start: 236 End: 239 Width: 4

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Number of Farms Classified According to Acreage: Under 10 Acres

Eleventh Census of the United States, 1890 - Vol. V, Table 5

Value	Label	Frequency	%	
-15 (M)	Sum with missing value(s)	-	-	
-14	Result of merge	-	-	
-13	Sum of missing values		-	-
-11	Recorded under another unit		-	-
-10	Included under another entry	-	-	
-9	Special problems	-	-	
-8	Illegible in published volumes	Illegible in published volumes		
-7	Combined with 'all other'		-	-
-5	Not published for this unit		-	-
-4	Withheld for privacy		-	-
-3	Less than half of the unit reported	-	-	
-2	Not available	-	-	
-1 (M)	Not applicable	-	-	
Valid	A disa	14000	Ctdox	

Valid	Min	Max	Mean	Stdev
862	-14.00	368.00	11.18	23.07

#### FRM\_SC\_Q

Farms of 10-19 acres, number

Start: 240 End: 243 Width: 4

Number of Farms Classified According to Acreage: 10 and Under 20 Acres

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

# **Variable Description**

#### FRM\_SC\_Q

# Farms of 10-19 acres, number (cont.)

Value	Label	Frequency	%	
-15 (M)	Sum with missing value(s)	-	-	
-14	Result of merge	-	-	
-13	Sum of missing values	-	-	
-11	Recorded under another unit	-	-	
-10	Included under another entry	-	-	
-9	Special problems	-	-	
-8	Illegible in published volumes	-	-	
-7	Combined with 'all other'	-	-	
-5	Not published for this unit	-	-	
-4	Withheld for privacy	-	-	
-3	Less than half of the unit reported	-	-	
-2	Not available -			
-1 (M)	Not applicable	-	-	

# Valid Min Max Mean Stdev 862 -14.00 467.00 25.13 52.46

# FRM\_SD\_Q

Farms of 20-49 acres, number

Start: 244 End: 248 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Number of Farms Classified According to Acreage: 20 and Under 50 Acres

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

# Variable Variable Description

#### FRM\_SD\_Q

# Farms of 20-49 acres, number (cont.)

		,	,			
Value	Lak	pel	Frequency	%		
-2	Not	t available	-	-		
-1 (M)	Not	t applicable	-	-		
Valid		Min	Max	Mean	Stdev	
862		-14.00	2048.00	121.22	248.17	

# FRM\_SE\_Q

#### Farms of 50-99 acres, number

Start: 249 End: 253 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Number of Farms Classified According to Acreage: 50 and Under 100 Acres

Eleventh Census of the United States, 1890 - Vol. V, Table 5

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	1447.00	214.51	280.77

#### FRM\_UH\_Q

#### Farms of 100-499 acres, number

Start: 254 End: 258 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Number of Farms Classified According to Acreage: 100 and Under 500 Acres

### **Variable Description**

### FRM\_UH\_Q

### Farms of 100-499 acres, number (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	4037.00	682.05	593.92	

# FRM\_SI\_Q

Start: 259 End: 262

Width: 4

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

#### Farms of 500-999 acres, number

Number of Farms Classified According to Acreage: 500 and Under 1000 Acres

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description FRM\_SI\_Q Farms of 500-999 acres, number (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Max Mean Stdev 862 -14.00 291.00 28.13 28.70

#### FRM\_SL\_Q

Farms of 1000 acres or more, number

Start: 263 End: 266 Width: 4

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Number of Farms Classified According to Acreage: 1000 Acres and Over

Eleventh Census of the United States, 1890 - Vol. V, Table 5

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-
17-11	14.	014	

Valid	Min	Max	Mean	Stdev
862	-14.00	103.00	10.63	16.67

#### SIZ\_AX\_A

Average farm size, acres

Start: 267 End: 272 Width: 6

Number of Farms Classified According to Acreage: Average Size of Farm

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

### **Variable Description**

#### SIZ\_AX\_A

### Average farm size, acres (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	70075.00	477.87	2732.84	

# FRM\_OF\_Q

Farms of owners, number

Start: 273 End: 277 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Classification According to Tenure: Class 1--Cultivated by Owners: Total: Acres

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description FRM\_OF\_Q Farms of owners, number (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Max Mean Stdev 862 -14.00 4397.00 799.79 680.79

#### FRM\_TC\_Q

Start: 278 End: 282 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

#### Farms rented for fixed money, number

Classification According to Tenure: Class 2--Rented for Fixed Money Value: Total

Eleventh Census of the United States, 1890 - Vol. V, Table 5

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	1125.00	80.96	132.35

#### FRM\_TQ\_Q

Farms of crop-share tenants, number

Start: 283 End: 287 Width: 5

Classification According to Tenure: Class 3--Rented for Shares of Products: Total

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

### **Variable Description**

#### FRM\_TQ\_Q

### Farms of crop-share tenants, number (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	2305.00	212.30	309.75	

# FML\_XX\_A

Land in farms, acres

Start: 288 End: 295 Width: 8

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Number of Acres in Farms

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

# Variable Description

801

#### FML\_XX\_A

### Land in farms, acres (cont.)

Value	Lak	pel	Frequency	%		
-2	Not	t available	-	-		
-1 (M)	Not	Not applicable			-	-
Valid Min		Max	Mean	Stdev		

227479.01

160508.09

1852065.00

# IML\_XX\_A

#### Improved land in farms, acres

Start: 296 End: 302 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Acres in Farms: Improved: Number

160.00

Eleventh Census of the United States, 1890 - Vol. V, Table 6

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-13.00	644178.00	128205.67	120593.54

#### UNL\_XX\_A

#### Unimproved land in farms, acres

Start: 303 End: 310 Width: 8

Acres in Farms: Unimproved: Number

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

### **Variable Description**

#### UNL\_XX\_A

### Unimproved land in farms, acres (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	1835696.00	83174.51	102508.20	

# FML\_IX\_A

Irrigated land, acres

Start: 311 End: 317 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Area Irrigated in Acres

Eleventh Census of the United States, 1890 - Report on Agriculture by Irrigation in the Western Part of the United States,

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

# Variable Variable Description

#### FML\_IX\_A

### Irrigated land, acres (cont.)

Volid	Min	Mov	Moon	Ctdov	
-1 (M)	Not applicable			-	-
-2	Not available			-	-
Value	Label			Frequency	%

Valid	Min	Max	Mean	Stdev
862	-14.00	112080.00	1865.21	8365.85

#### FRM\_IX\_Q

#### Irrigated farms, number

Start: 318 End: 322 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Number of Irrigators

Eleventh Census of the United States, 1890 - Report on Agriculture by Irrigation in the Western Part of the United States,

Value	Lal	bel			Frequency	%
-15 (M)	Sui	m with missing	value(s)		-	-
-14	Re	sult of merge	-	-		
-13	Sui	m of missing va	-	-		
-11	Re	corded under a	-	-		
-10	Inc	Included under another entry				-
-9	Spe	Special problems				-
-8	Ille	Illegible in published volumes				-
-7	Co	mbined with 'all	other'		-	-
-5	No	t published for t	his unit		-	-
-4	Wit	thheld for privac	у		-	-
-3	Les	Less than half of the unit reported			-	-
-2	Not available -				-	
-1 (M)	Not applicable -				-	
Volid		Min	Mov	Moon	Ctdov	

Valid	Min	Max	Mean	Stdev
862	-14.00	1046.00	18.15	85.46

### ARE\_XX\_A

### Land area, acres

Start: 323 End: 331 Width: 9

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Land Area: Acres

Atlas GIS map file,

### **Variable Description**

### ARE\_XX\_A

### Land area, acres (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	20039700.00	929987.96	1737629.28	

# PRP\_XX\_V

Value of land, fences and buildings, dollars

Start: 332 End: 340 Width: 9

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Valuation: Land, Fences and Buildings: Dollars

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description PRP\_XX\_V Value of land, fences and buildings, dollars (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Max Mean Stdev 862 -14.00 18752000.00 3345949.61 3737105.81

#### IMP\_XX\_V

#### Value of implements and machinery, dollars

Start: 341 End: 347 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Valuation: Implements and Machinery: Dollars

Eleventh Census of the United States, 1890 - Vol. V, Table 6

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	854200.00	142713.03	147701.28

#### FRT\_XX\_V

#### Cost of fertilizers, dollars

Start: 348 End: 353 Width: 6

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Cost of Fertilizers Purchased in 1889: Dollars

# Variable Variable Description

### FRT\_XX\_V

### Cost of fertilizers, dollars (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	16589.00	372.30	1116.90	

# CTL\_XX\_Q

Cattle, number

Start: 354 End: 360 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Neat Cattle on Farms, as of June 1, 1890: Total: Number

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description Cattle, number (cont.) CTL\_XX\_Q Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Mean Max Stdev 862 -14.00 141673.00 25024.18 21859.85

#### CTL\_MX\_Q

Milk cows, number

Start: 361 End: 366 Width: 6

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Neat Cattle on Farms, as of June 1, 1890: Milch Cows: Number

Eleventh Census of the United States, 1890 - Vol. V, Table 10

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	(M) Not applicable		

Valid	Min	Max	Mean	Stdev
862	-14.00	32245.00	5555.36	5647.76

#### CTL\_XS\_Q

Cattle, slaughtered, number

Start: 367 End: 371 Width: 5

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Slaughtered for Consumption on Farms, 1889: Number

### **Variable Description**

#### CTL\_XS\_Q

### Cattle, slaughtered, number (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	3330.00	508.01	493.81	

### MLK\_XX\_G

Milk, gallons

Start: 372 End: 380 Width: 9

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Milk Produced on Farms, 1889: Gallons

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description MLK\_XX\_G Milk, gallons (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Mean Max Stdev 862 -14.00 12840653.00 1452487.32 1885147.85

#### BUT\_XX\_P

Butter, pounds

Start: 381 End: 388 Width: 8

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Butter Made on Farms, 1889: Pounds

Eleventh Census of the United States, 1890 - Vol. V, Table 10

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	1890966.00	275848.23	300388.17

CHS\_XX\_P

Cheese, pounds

Start: 389 End: 394 Width: 6

Cheese Made on Farms, 1889: Pounds

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

### **Variable Description**

### CHS\_XX\_P

### Cheese, pounds (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	85905.00	4238.03	8567.37	

# HRS\_XX\_Q

Horses, number

Start: 395 End: 400 Width: 6

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Horses, June 1, 1890: Number

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description HRS\_XX\_Q Horses, number (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Max Mean Stdev 862 -14.00 25208.00 6017.06 5348.59

#### SWN\_XX\_Q

Swine, number

Start: 401 End: 407 Width: 7

Swine, June 1, 1890: Number

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Eleventh Census of the United States, 1890 - Vol. V, Table 12

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other' -		
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported -		-
-2	Not available		
-1 (M)	Not applicable		

Valid	Min	Max	Mean	Stdev
862	-14.00	176140.00	23218.71	33219.12

#### SHP\_XX\_Q

Sheep, number

Start: 408 End: 414 Width: 7

On Farms, as of June 1, 1890: Total: Number

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

### **Variable Description**

### SHP\_XX\_Q

### Sheep, number (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	386157.00	11532.56	33164.81	

# SHP\_XS\_Q

Sheep slaughtered, number

Start: 415 End: 420 Width: 6

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Slaughtered for Use on Farms, 1889: Number

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable Variable Description SHP\_XS\_Q Sheep slaughtered, number (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Mean Valid Min Max Stdev 862 -14.00 11420.00 212.09 779.03

#### WOL\_XX\_F

Wool, fleeces, number

Start: 421 End: 427 Width: 7

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Shorn Fall of 1889 and Spring of 1890: Fleeces

Eleventh Census of the United States, 1890 - Vol. V, Table 8

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	486197.00	10900.42	36427.92

WOL\_XX\_P

Wool, pounds

Start: 428 End: 435 Width: 8

Eleventh Census of the United States, 1890 - Vol. V, Table 8

Shorn Fall of 1889 and Spring of 1890: Pounds

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru

### **Variable Description**

#### WOL\_XX\_P

### Wool, pounds (cont.)

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev	
862	-14.00	1889164.00	52309.34	157271.49	

# STK\_XX\_V

Value of livestock, dollars

Start: 436 End: 443 Width: 8

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Valuation: Livestock on Hand, as of June 1, 1890: Dollars

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-

#### Variable **Variable Description** STK\_XX\_V Value of livestock, dollars (cont.) Value Label Frequency % -2 Not available -1 (M) Not applicable Valid Min Max Mean Stdev 862 -14.00 4083470.00 819590.73 802155.70

#### AFP\_XX\_V

#### Value of farm products, dollars

Start: 444 End: 451 Width: 8

Type: numeric (ISO) Interval: discrete Missing: -15, -1, thru Estimated Value of Farm Products, 1889: Dollars

Value	Label	Frequency	%
-15 (M)	Sum with missing value(s)	-	-
-14	Result of merge	-	-
-13	Sum of missing values	-	-
-11	Recorded under another unit	-	-
-10	Included under another entry	-	-
-9	Special problems	-	-
-8	Illegible in published volumes	-	-
-7	Combined with 'all other'	-	-
-5	Not published for this unit	-	-
-4	Withheld for privacy	-	-
-3	Less than half of the unit reported	-	-
-2	Not available	-	-
-1 (M)	Not applicable	-	-

Valid	Min	Max	Mean	Stdev
862	-14.00	3522430.00	662856.43	711924.66

Name	Table Title	Source	Keyed by
CER_XH_A	Sum of the Variables (BAR_XH_A, BWT_XH_A, OAT_XH_A,	Eleventh Census of the United States, 1890 - Vol. V	Sum
	RYE_XH_A, WHT_XH_A, CRN_GH_A)		
BAR_XH_A	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
BAR_XH_B	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
BWT_XH_A	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
BWT_XH_B	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
DAT_XH_A	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
DAT_XH_B	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
RYE_XH_A	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
RYE_XH_B	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
VHT_XH_A	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
WHT_XH_B	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
-LX_XH_A	Table 16Fibers (Cotton, Flax, and Hemp), By Counties:	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Census of 1890		
-LX_XH_B	Table 16Fibers (Cotton, Flax, and Hemp), By Counties:	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Census of 1890		
HAY_XH_A	Table 20Hay, Grass Seed, Rice, Tobacco, and Hops, By	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Counties: Census of 1890		
HAY_XH_T	Table 20Hay, Grass Seed, Rice, Tobacco, and Hops, By	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Counties: Census of 1890		
CRN_GH_A	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
CRN_GH_B	Table 14Cereal Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
COT_XH_A	Table 16Fibers (Cotton, Flax, and Hemp), By Counties:	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Census of 1890		
COT_XH_C	Table 16Fibers (Cotton, Flax, and Hemp), By Counties:	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Census of 1890		
SRG_MX_A	Table 18Sugar and Molasses, By Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
BEA_XH_B	Table 22Pulse, Broom Corn, Peanuts, and Potatoes, By	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Counties: Census of 1890		
PNT_XH_A	Table 22Pulse, Broom Corn, Peanuts, and Potatoes, By	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Counties: Census of 1890		
PNT_XH_B	Table 22Pulse, Broom Corn, Peanuts, and Potatoes, By	Eleventh Census of the United States, 1890 - Vol. V	GP Project
	Counties: Census of 1890		1

POT_XH_A	Table 22Pulse, Broom Corn, Peanuts, and Potatoes, By Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
POT_XH_B	Table 22Pulse, Broom Corn, Peanuts, and Potatoes, By Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
POT_ZH_A	Table 22Pulse, Broom Corn, Peanuts, and Potatoes, By Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
POT_ZH_B	Table 22Pulse, Broom Corn, Peanuts, and Potatoes, By Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
FRM_XX_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_SR_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_SC_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_SD_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_SE_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_UH_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_SI_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_SL_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
SIZ_AX_A	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRM_OF_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
FRM_TC_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
FRM_TQ_Q	Table 5Classification of Farms by Acreage and Tenure, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
FML_XX_A	Sum of the Variables (IML_XX_A, UNL_XX_A)	Eleventh Census of the United States, 1890 - Vol. V	Sum
IML_XX_A	Table 6Number, Acreage, and Valuation of Farms and Products, With Cost of Fertilizers, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR

UNL_XX_A	Table 6Number, Acreage, and Valuation of Farms and Products, With Cost of Fertilizers, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FML_IX_A	Number Irrigators, Area Irrigated, andin 1889 (Separate Unnumbered Tables for Each State)	Eleventh Census of the United States, 1890 - Report on Agriculture by Irrigation in the Western Part of the United States	GP Project
FRM_IX_Q	Number Irrigators, Area Irrigated, andin 1889 (Separate Unnumbered Tables for Each State)	Eleventh Census of the United States, 1890 - Report on Agriculture by Irrigation in the Western Part of the United States	GP Project
ARE_XX_A	N/A	Atlas GIS map file	Atlas GIS
PRP_XX_V	Table 6Number, Acreage, and Valuation of Farms and Products, With Cost of Fertilizers, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
IMP_XX_V	Table 6Number, Acreage, and Valuation of Farms and Products, With Cost of Fertilizers, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
FRT_XX_V	Table 6Number, Acreage, and Valuation of Farms and Products, With Cost of Fertilizers, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
CTL_XX_Q	Table 10Neat Cattle and Dairy Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
CTL_MX_Q	Table 10Neat Cattle and Dairy Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
CTL_XS_Q	Table 10Neat Cattle and Dairy Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
MLK_XX_G	Table 10Neat Cattle and Dairy Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
BUT_XX_P	Table 10Neat Cattle and Dairy Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
CHS_XX_P	Table 10Neat Cattle and Dairy Products, by Counties: Census of 1890	·	GP Project
HRS_XX_Q	Table 12Miscellaneous Live Stock and Live Stock Products on Farms Only, Including Poultry and Eggs and Apiarian Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
SWN_XX_Q	Table 12Miscellaneous Live Stock and Live Stock Products on Farms Only, Including Poultry and Eggs and Apiarian Products, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project

SHP_XX_Q	Table 8Sheep and Wool on Farms, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
SHP_XS_Q	Table 8Sheep and Wool on Farms, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
WOL_XX_F	Table 8Sheep and Wool on Farms, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
WOL_XX_P	Table 8Sheep and Wool on Farms, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	GP Project
STK_XX_V	Table 6Number, Acreage, and Valuation of Farms and Products, With Cost of Fertilizers, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR
AFP_XX_V	Table 6Number, Acreage, and Valuation of Farms and Products, With Cost of Fertilizers, by Counties: Census of 1890	Eleventh Census of the United States, 1890 - Vol. V	ICPSR