
**Agricultural and Demographic Records for
Rural Households in the North, 1860:
[Instructional Materials]**

Codebook (PDF)

James W. Oberly

ICPSR 3463

Agricultural and Demographic Records for Rural Households
in the North, 1860: [Instructional Materials]

(ICPSR 3463)

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DATA COLLECTION DESCRIPTION

James W. Oberly

Agricultural and Demographic Records for Rural Households in the North, 1860: [Instructional Materials] (ICPSR 3463)

SUMMARY: These instructional materials were prepared for use with AGRICULTURAL AND DEMOGRAPHIC RECORDS FOR HOUSEHOLDS IN THE NORTH, 1860 (ICPSR 7420), compiled by Fred Bateman and James D. Foust. The data file (an SPSS portable file) and accompanying documentation are provided to assist educators in instructing students about the history of agriculture and rural life in the North, just prior to the Civil War. An instructor's handout has also been included. This handout contains the following sections, among others: (1) General goals for student analysis of quantitative datasets, (2) Specific goals in studying this dataset, (3) Suggested appropriate courses for use of the dataset, (4) Tips for using the dataset, and (5) Related secondary source readings. Demographic, occupational, and economic information for over 21,000 rural households in the northern United States in 1860 are presented in the dataset. The data were obtained from the manuscript agricultural and population schedules of the 1860 United States Census and are provided for all households in a single township from each of the 102 randomly-selected counties in 16 northern states. Variables in the dataset include farm values, livestock, and crop production figures for the households that owned or operated farms (over half the households sampled), as well as value of real and personal estate, color, sex, age, literacy, school attendance, occupation, place of birth, and parents' nationality of all individuals residing in the sampled townships.

UNIVERSE: 956 counties in 20 northern states.

SAMPLING: The data (AGRICULTURAL AND DEMOGRAPHIC RECORDS FOR RURAL HOUSEHOLDS IN THE NORTH, 1860 [ICPSR 7420]) were collected using a two-stage variable-cluster sample design. A random sample of 102 counties in 16 northern states was drawn. From each of these counties one non-urban township was randomly selected. Census records from all households in the selected townships were included in the study.

NOTE: (1) This collection is part of an ICPSR initiative to promote the use of social science data in undergraduate education through the sharing of faculty-submitted ICPSR data-based instructional materials that have been developed for use in the classroom. (2) These materials were designed for use with the dataset AGRICULTURAL AND DEMOGRAPHIC RECORDS FOR RURAL HOUSEHOLDS IN THE NORTH, 1860

(ICPSR 7420). (3) The data are provided as an SPSS portable file, which was created from the ASCII data and SPSS data definition statements files available from ICPSR 7420. (4) The codebook and handout are provided by ICPSR as Portable Document Format (PDF) files. The PDF file format was developed by Adobe Systems Incorporated and can be accessed using PDF reader software, such as the Adobe Acrobat Reader. Information on how to obtain a copy of the Acrobat Reader is provided on the ICPSR Web site.

RESTRICTIONS: At the request of the principal investigator, publications that draw upon the data, AGRICULTURAL AND DEMOGRAPHIC RECORDS FOR RURAL HOUSEHOLDS IN THE NORTH, 1860 (ICPSR 7420), must observe the copyright held by Professors Bateman and Foust.

EXTENT OF COLLECTION: 1 data file + machine-readable documentation (MSWord 9.0 and PDF)

EXTENT OF PROCESSING: REFORM.DOC

DATA FORMAT: SPSS portable file

Cases: 21,118

Variables: 390

AGRICULTURAL AND DEMOGRAPHIC RECORDS FOR
RURAL HOUSEHOLDS IN THE NORTH, 1860

(ICPSR 7420)

Fred Bateman and James D. Foust

SAMPLE OF HOUSEHOLDS FROM 1860 CENSUS

Documentation for Variables 1-85

for use with

AGRICULTURAL AND DEMOGRAPHIC RECORDS FOR
RURAL HOUSEHOLDS IN THE NORTH, 1860: [INSTRUCTIONAL MATERIALS]

James W. Oberly

(ICPSR 3463)

Variable Number	Description
1	Sequential Household Number A five-digit number assigned to each of the 21,118 households in the data file This variable was created by ICPSR
2	Household number This four-digit number, generated by the principal investigators, was assigned in sequential fashion within townships to the households located in each township
3	State Code See below for description of the codes and frequency tabulations
4	County Code See below for description of the codes and frequency tabulations
5	Township Code See below for description of the codes and frequency tabulations

Freq.	State Code	State	County Code	County	Twp. Code	Township
212	01	Illinois	13	Adams	18	Honey Creek
73			3	Brown	3	Ripley
94			4	Bureau	4	Fairfield
143			5	Dewitt	13	Barnett
156			6	Kendall	6	Seward

138	1	Knox	19	Penifer
56	2	Livingston	2	Nevada
170	7	McDonough	7	Macomb
122	8	Macoupin	7	T10,R6
65	10	Massac	10	T16,R5
162	11	Whiteside	11	Union Grove
172	12	Williamson	12	T10,R4
1563				

Freq.	State Code	State	County Code	County	Twp. Code	Township
216	02	Indiana	1	Clinton	1	Perry
350			2	Franklin	2	Highland
123			3	Fulton	3	Aubbeenaubee
406			17	Gibson	19	Johnson
251			4	Knox	4	Washington
164			5	La Grange	5	Newbury
205			6	Morgan	6	Gregg
246			7	Posey	16	Harmony
82			8	Putnam	8	Mill Creek
318			9	Shelby	9	Moral
324			10	Switzerland	10	Cotton
221			11	Tippecanoe	18	Wea
652			12	Wabash	12	La Gro
173			13	Warren	13	Warren
468			14	Warrick	14	Boone
537			15	Washington	15	Washington
284			16	Wells	17	Harrison
5020						

Freq.	State Code	State	County Code	County	Twp. Code	Township
200	03	Iowa	1	Black Hawk	1	East Waterloo
69			3	Greene	3	Kendrick
96			4	Keokuk	10	Liberty
15			6	Pottawatomic	6	Silver Creek
194			7	Tama	11	Toledo
251			8	Van Buren	8	Village
825						

Freq.	State Code	State	County Code	County	Twp. Code	Township
131	04	Kansas	2	Brown	2	Irwin
30			8	Chase	8	Bazaae
145			3	Franklin	3	Peoria
33			4	Nemeha	4	Clear Creed

89		5	Morris	5	Grove
195		6	Shawnee	6	Topeka
623					

Freq.	State Code	State	County Code	County	Twp. Code	Township
61	05	Michigan	1	Cheboygan	1	Iverness
280			10	Clinton	10	Bingham
110			2	Emmett	2	La Croix
54			4	Huron	4	Rubicon
180			5	Monroe	5	Summerfield
419			9	Ottawa	9	Holland
66			7	Shiawassee	7	Fairfield
124			13	Van Buren	13	Waverly
222			8	Washtenaw	8	Augusta
1516						

Freq.	State Code	State	County Code	County	Twp. Code	Township
55	06	Minnesota	1	Benton	1	Princeton
2			2	Cottonwood	20	All
99			3	Goodhue	3	Vasa
102			5	Le Sueur	5	Waterville
19			6	Manomin	20	All
7			7	Murray	20	All
56			8	Polk	20	All
7			9	Renville	9	Birch Codley
32			10	St. Louis	11	Fond Du Lac
379						

Freq.	State Code	State	County Code	County	Twp. Code	Township
323	07	Missouri	1	Boone	1	Rocky Fork
102			3	Camden	3	Jackson
203			4	Dunklin	9	Freedom
247			5	Montgomery	10	Prairie
150			6	Ralls	6	Salt River
155			7	Scotland	11	Mt. Pleasant
1180						

Freq.	State Code	State	County Code	County	Twp. Code	Township
151	08	Ohio	3	Harrison	3	North
240			4	Licking	4	St. Albans
180			5	Morrow	5	Perry
280			6	Noble	6	Beavir

851

Freq.	State Code	State	County Code	County	Twp. Code	Township
4	09	Wisconsin	2	Douglas	2	Nemadjo
211			3	Iowa	3	Waldwich
41			4	Juneau	4	Clearfield
288			5	Waukesha	5	Ocono
544						

Freq.	State Code	State	County Code	County	Twp. Code	Township
534	10	Maryland	1	Worcester	1	Coston
534						

Freq.	State Code	State	County Code	County	Twp. Code	Township
110	11	New Hampshire	1	Belknap	1	Center Harbor
97			2	Cheshire	6	Sullivan
415			3	Crafton	3	Canaan
185			4	Hillsborough	4	Lyndeborough
807						

Freq.	State Code	State	County Code	County	Twp. Code	Township
162	12	New Jersey	1	Middlesex	1	North Brunswick
200			2	Union	2	Springfield
362						

Freq.	State Code	State	County Code	County	Twp. Code	Township
382	13	New York	2	Cattaraugus	15	Ashford
262			3	Chemung	3	Erin
377			4	Chenango	4	Smyrna
408			5	Dutchess	14	Clinton
770			6	Madision	6	Eaton
320			7	Ontario	7	Richmond
502			8	Oswego	8	Sandy Creek
429			9	Otsego	9	Laurens
593			11	Yates	12	Jerusalem
4043						

Freq.	State Code	State	County Code	County	Twp. Code	Township
305	14	Pennsylvania	1	Cambria	1	Richland
190			2	Clarion	2	Salem

279	3	Fayette	3	Washington
101	11	Forest	11	Barnett
204	4	Greene	4	Jefferson
177	5	Huntington	5	Cromwell
444	6	Luzerne	6	Abingdon
253	7	Montgomery	7	Morriton
58	8	Perry	8	Miller
75	9	Sullivan	9	Fox
379	10	Westmoreland	10	Penn
2465				

Freq.	State Code	State	County Code	County	Twp. Code	Township
147	15	Vermont	1	Windham	1	Viernon
Freq.	State Code	State	County Code	County	Twp. Code	Township
259	16	Connecticut	1	Middlesex	1	Durham

6 Agricultural Status of the Household

Freq.	Code Value	Status
11940	1	Farming household
9178	2	Non-farming household
21118		

7 Number of Individuals in the Household

Freq.	Code Value
559	0
495	1
2527	2
2720	3
3407	4
2895	5
3353	6
1920	7
1324	8
921	9
508	10
270	11
120	12
59	13

23	14
6	15
1	16
2	17
2	18
1	19
1	21
1	22
1	30
2	36
21118	

8 Number of Property holding Individuals in the Household

Freq.	Code Value
1773	0
17,486	1
1537	2
246	3
43	4
23	5
6	6
3	7
1	8
21118	

9 Total Number of Non-Property holding Individuals in the Household

Freq.	Code Value
1162	0
2364	1
2864	2
3461	3
2967	4
3314	5
1904	6
1276	7
862	8
487	9
271	10
105	11
47	12
21	13
3	14
3	15
1	16

1	17
1	18
1	20
1	21
1	27
2	35
21118	

10 Property Holding Status of head of the Household

Freq.	Code Values	Description
19253	1	Property holder
1865	2	Non property holder
21118		

- 11 Total Number of Acres of Farmland
- 12 Total Number of Improved Acres of Farmland
- 13 Total Number of Unimproved Acres of Farmland
- 14 Dollar Value of the Farm
- 15 Dollar Value of the Implements
- 16 Number of Horses
- 17 Number of Mules
- 18 Number of Milk Cows
- 19 Number of Oxen
- 20 Number of other Cattle
- 21 Number of Sheep
- 22 Number of Swine
- 23 Dollar Value of Livestock
- 24 Dollar Value of Products of Home Manufacturing
- 25 Dollar Value of Animals Slaughtered
- 26 Number of Agricultural Products Produced
- 27 Number of Bushels of Wheat Produced
- 28 Number of Bushels of Rye Produced
- 29 Number of Bushels of Corn Produced
- 30 Number of Bushels of Oats Produced
- 31 Number of Pounds of Rice Produced
- 32 Number of Pounds of Tobacco Produced
- 33 Number of Bales (400lbs.) Ginned Cotton Produced
- 34 Number of Pounds of Wool Produced
- 35 Number of Bushels of Peas and Beans Produced
- 36 Number of Bushels of Irish Potatoes Produced
- 37 Number of Bushels of Sweet Potatoes Produced
- 38 Number of Bushels of Barley Produced
- 39 Number of Bushels of Buckwheat Produced
- 40 Dollar Value of Orchard Products Produced
- 41 Number of Gallons of Wine Produced

42 Dollar Value of Market Garden Products
 43 Number of Pounds of Butter Produced
 44 Number of Pounds of Cheese Produced
 45 Number of Tons of Hay Produced
 46 Number of Bushels of Clover Seed Produced
 47 Number of Bushels of Grass Seed Produced
 48 Number of Pounds of Hops Produced
 49 Number of Tons of Hemp (Dew-Rotted)
 50 Number of Tons of Hemp (Water-Rotted)
 51 Number of Tons of Hemp (Other Prepared)
 52 Number of Pounds of Flax Produced
 53 Number of Bushels of Flaxseed Produced
 54 Number of Pounds of Maple Sugar Produced
 56 Number of Hogs heads (1000lbs) Cane
 57 Number of Gallons of Molasses (Sorghum)
 58 Number of Gallons of Molasses (Maple)
 59 Number of Gallons of Molasses (Unspecified)
 60 Number of Pounds of Beeswax Produced
 61 Number of Pounds of Honey Produced
 62 Number of Pounds of Cane Sugar Produced
 63 Value of Personal Property Held by all
 65 Total Value of All Property Held by Members

66 Race

Freq.	Code Value	Race
20276	1	White
176	2	Black
100	3	Mulatto
112	4	Indian
454	9	Unknown or Missing Data
21118		

67 Sex

Freq.	Code Value	Sex
19379	1	Male
1280	2	Female
1	6	Wild code
1	7	Wild code
457	9	Unknown or missing Data
1118		

68 Age

Code Value	Age
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00	Less than one year old
01	One year Old
.	
.	
.	
98	Ninety-eight years old and over
99	Unknown or missing data

69 Education and Literacy

Freq.	Code Value	Description
10	0	Unknown
44	1	Attended school during year
93	2	Did not attend school during Year
18983	3	Over 20 years old, literate
1504	4	Over 20 years old, not literate
4	6	Unknown
1	7	Unknown
1	8	Unknown
478	9	Missing Data

70 Occupation

Freq.	Code Value	Description
13205	001	Farmer
2015	002	Laborer
56	003	Teacher
588	004	Carpenter
3	005	Student
142	006	Physician
133	007	Miller
31	008	Clerk
254	009	Shoemaker
290	010	Merchant, Trader
115	011	Wagon, Coach Maker
73	012	Hotel Keeper, Innkeeper, Saloon-Keeper
239	013	Blacksmith
111	014	Cooper
58	015	Cabinet Maker, Furniture
1	016	Sash Maker
136	017	Minister, Clergy
81	018	Tenant
77	019	Servant, Domestic
1	020	Pump Maker
61	021	Farmer and Other Occupation
14	022	Gardener

56	023	Sawyer
24	025	Potter
13	026	Plasterer
50	027	Manufacturer (Misc.)
29	028	Grocer
6	029	Liquor Merchant
5	030	Toll Gate Keeper
1	031	Ditcher
10	032	Saddler
2	033	Agriculturist
40	034	Seamstress, Milliner
13	035	Mill Hand
40	036	Teamster
1	037	Midwife
49	038	Railroad Worker
2	039	Apprentice
22	040	Mechanic
51	041	Lawyer
9	042	Baker
36	043	Butcher
4	044	Canal Worker
45	045	Boatman, Ferryman
25	046	Wheelwright
11	047	Druggist
43	048	Painter
103	049	Mason
1	050	Journeyman
3	051	Musician
16	052	Peddler
5	053	Dentist
28	054	Tanner
86	055	Miner
16	056	Machinist
4	057	Broom Maker
61	058	Tailor
1	059	Engraver
34	060	Harness Maker
25	061	Weaver
14	062	Brick Maker
2	063	Brewer
3	064	Soap, Candle Maker
7	065	Tobacco
28	066	Hatter
12	067	Landlord
2	068	Newspaper Work
24	069	Tinsmith

16	070	Constable, police
4	072	Paper Maker
10	073	Jeweler, Watchmaker
4	074	Broker
27	075	Engineer
10	076	Court Officer
2	077	Barber
5	078	Surveyor
4	079	Artist
59	080	Handwork (Misc.)
17	081	Agent
28	083	Fisherman
4	084	Bookkeeper
17	085	Laundress, Washwoman
9	087	Hunter, Trapper
8	088	Overseer
48	089	Woodcutter, Lumbering (not sawing)
18	090	Postal Worker
6	091	Printer
22	094	Millwright
21	095	Factory Worker
2	096	Writer
6	099	Driver
17	100	Spinner
1	101	Nurse
3	102	Ferryman
2	103	Drover
5	104	Victualler, Provisioner
5	105	Hostler, Groom, Stable Hand
1	106	Finisher, Clothing or Cloth
24	107	Shipwright
3	108	Dyer
9	109	Carder
2	110	Animal Dealer
4	111	Stonecutter
6	112	Gunsmith
1	113	Nursery Man
1	114	Watchman
1	115	Editing, Publishing
1	116	Banker
1	118	Collier
1	119	Undertaker
1	120	Auctioneer
4	121	Firemen
2	124	Speculator
27	125	Glass Worker

1	126	Foreman
1	127	Supt. Railroad
1	128	Contractor
1	130	County Official
1841	999	Unknown or Missing Data

21118

71

Birthplace

Freq.	Code Value	Birthplace, States
20	01	Alabama
1	02	Arkansas
514	04	Connecticut
43	05	Delaware
18	07	Georgia
206	08	Illinois
1408	09	Indiana
8	10	Iowa
4	11	Kansas
1180	12	Kentucky
4	13	Louisiana
76	14	Maine
738	15	Maryland
343	16	Massachusetts
179	17	Michigan
22	18	Minnesota
9	19	Mississippi
218	20	Missouri
791	21	New Hampshire
441	22	New Jersey
4344	23	New York
364	24	North Carolina
1604	25	Ohio
1	26	Oregon
3828	27	Pennsylvania
150	28	Rhode Island
53	29	South Carolina
376	30	Tennessee
483	32	Vermont
774	33	Virginia
21	34	Wisconsin
1	35	District of Columbia
		Birthplace, Territories
2	37	Dakota

1	38	Nebraska
		Birthplace, Others
4	43	At Sea
19	44	Not Stated
		Birthplace, Countries
2	46	Africa
4	49	Belgium
1	50	British America
3	53	Denmark
547	54	England
2	55	Europe (not Specified)
76	56	France
159	57	Austria
59	58	Bavaria
58	59	Baden
59	60	Hesse
6	61	Nassau
86	62	Prussia
64	63	Wortenburg
548	64	Germany (not specified)
7	65	Great Britain (not specified)
1	66	Greece
368	67	Holland
782	68	Ireland
3	69	Italy
86	71	Norway
2	73	Poland
1	75	Russia
91	76	Scotland
92	78	Sweden
1	79	Sardinia
85	80	Switzerland
1	81	South America
80	85	Wales
11	86	Other Countries
177	87	Canada
463	99	Unknown or Missing Data

72 Parent's Origin

Nearly all the values for this variable are missing data (blank). The principal investigators subsequently chose not to use this variable.

73 Value of Real Property

74 Value of Personal Property

75 Total value of all Property

Characteristics of First-Mentioned Property-holder in the household who was not the head-of-household.

76 Race

77 Sex

78 Age

79 Education and Literacy

80 Occupation

81 Birthplace

82 Parents' Origin

83 Value of Real Property

84 Value of Personal Property

85 Total Value of All Property