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SOUTHERN FARMS STUDY, 1860

(ICPSR 7419)

Principal Investigator

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Inter-university Consortium for

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STUDY DESCRIPTION

Information on farm production and population residing on farms in the

Southern United States in 1860 is included in this dataset. The data were

originally collected by William N. Parker, Yale University, and Robert E.

Gallman, University of North Carolina, with the financial assistance of a grant

from the National Science Foundation. ICPSR received the data from Stanley

Engerman at the University of Rochester.

The dataset contains variables recorded for 5,228 farms located in

the major cotton-producing counties of the South. The farms appearing in

the file were selected from the 1860 manuscript U.S. Census schedules by a

sample of all farms in 405 Southern counties which each produced over 1,000

bales of cotton in 1860. The sampling method employed chose a random bloc

of five farms from every 280 farms in the selected counties (i.e., a five-

farm bloc from very fourteenth page of the manuscript census); this resulted

in a 1.67 percent sample of all farms in the major cotton-growing counties

of the eleven states of the Confederacy. The sampling procedure is further

described in James D. Foust, "The Yeoman Farmer and Westward Expansion of

U.S. Cotton Production" (see below). [In the original sample, data for 5,229

farms were collected. The data record for one farm, however, could not be

read upon initial transmission of the data to the University of Rochester.

The file received by ICPSR therefore contains information for only 5,228 farms.]

In compiling the data collection, the principal investigators collated

information on each farm selected in the sample from three schedules of the

1860 census: data on the free population residing on each farm from Schedule

No. 1; slave population data from Schedule No. 2; and agricultural production

data from Schedule No. 4. Variables recording information from these three

sources appear in standard locations for each farm in the present dataset. The

following pages describe the variables contained in the dataset.

The dataset contains 236 variables for each of the 5,228 farms drawn by

the sample. The first three variables identify and describe the county in which

each farm is located. Variable 4 cites the page and line in the manuscript

agricultural Schedule (No. 4) from which a portion of the data for each farm

was collected. Forty-eight variables recording assets, land, inventories, and

commodity production on each farm are presented next, followed by a "check

total" (variable 54) which is the numeric sum of the previous 53 variables. The

remaining 182 variables record the population residing on the farm, and are

presented for detailed categories of age, race, sex and "status" (free or

slave). Variable 235, total population residing on the farm, represents the sum

of the prior population categories. Variable 236 is a sequential number given

to each farm for identification purposes.

PROCESSING INFORMATION

In addition to the preparation of this documentation for the data file,

ICPSR performed computer-assisted editing of the entire data file. This

operation checked the data variables for invalid (i.e. alpha-numeric)

characters, converted leading blanks in the data fields to leading zeros, and

performed the contingency check indicated by the nature of variables 54 and 235

(see the descriptions for those variables below). No invalid characters or

anomalous conditions were discovered by these procedures and, except for the

"padding" of leading zeros in the data fields, the file is in essentially the

same format as received by ICPSR from the University of Rochester. The only

addition to this original data file is variable 236, a identification number

given to each farm.

RELATED PUBLICATIONS

James D. Foust, "The Yeoman Farmer and Westward Expansion of U.S.

Cotton Production," PhD dissertation, University of North Carolina

at Chapel Hill (1968).

Robert W. Fogel and Stanley Engerman, TIME ON THE CROSS: THE ECONOMICS

OF AMERICAN NEGRO SLAVERY [Volume 1] and Evidence and Methods -

A Supplement [Volume 2] (Boston: Little, Brown and Company, 1974).

Gavin Wright, "The Economics of Cotton in The Antebellum South",

Yale University, Doctoral Dissertation 1969.

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VARIABLE

NUMBER DESCRIPTION

1 County Code Number

ALABAMA

CODE VALUE COUNTY CODE VALUE COUNTY

000000001 Autauga 000000026 Lauderdale

3 Barbour 27 Limestone

4 Bibb 28 Lowndes

5 Blount 29 Madison

6 Butler 30 Marengo

7 Calhoun 31 Marion

8 Chambers 32 Marshall

9 Cherokee 33 Macon

10 Choctaw 34 Montgomery

11 Clarke 35 Monroe

12 Coffee 36 Morgan

13 Conecuh 37 Perry

14 Coosa 38 Pickens

15 Covington 39 Pike

16 Dale 40 Randolph

17 Dallas 41 Russell

18 DeKalb 42 Shelby

19 Fayette 43 St. Clair

20 Franklin 44 Sumter

21 Greene 45 Tallapoosa

22 Henry 46 Talladega

23 Jackson 47 Tuscaloosa

24 Jefferson 48 Walker

25 Lawrence 49 Washington

50 Wilcox

ARKANSAS

CODE VALUE COUNTY CODE VALUE COUNTY

000000060 Arkansas 000000071 Drew

61 Ashley 72 Franklin

62 Bradley 73 Hempstead

63 Calhoun 74 Hot Spring

65 Clark 75 Independence

66 Columbia 76 Jefferson

67 Conway 77 Johnson

68 Crittenden 79 Lafayette

69 Dallas 80 Marion

70 Desha 81 Mississippi

82 Monroe 90 Saline

84 Perry 91 St. Francis

85 Phillips 92 Sevier

86 Poinsett 93 Union

87 Pope 94 White

88 Prairie 95 Yell

89 Pulaski

FLORIDA

CODE VALUE COUNTY CODE VALUE COUNTY

000000120 Alachua 000000125 Jefferson

121 Columbia 126 Leon

122 Gadsend 127 Madison

123 Hamilton 128 Marion

124 Jackson

GEORGIA

CODE VALUE COUNTY CODE VALUE COUNTY

000000200 Baker 000000226 Emanuel

201 Baldwin 227 Fayette

202 Bibb 228 Floyd

204 Bullock 229 Glascock

205 Burke 230 Greene

206 Butts 231 Gwinnett

207 Calhoun 232 Hancock

208 Campbell 233 Hart

209 Carroll 234 Harris

210 Cass 235 Heard

211 Chattachoochee 236 Henry

212 Chattooga 237 Houston

213 Clarke 238 Jackson

214 Clay 239 Jasper

215 Clayton 240 Jefferson

216 Cobb 241 Johnson

217 Columbia 243 Laurens

218 Coweta 244 Lee

219 Crawford 245 Liberty

220 Decatur 246 Lincoln

221 DeKalb 247 Lowndes

222 Dooly 248 Macon

225 Elbert 249 Madison

250 Marion

000000251 Meriwether 000000268 Spalding

253 Monroe 269 Stewart

254 Morgan 270 Sumter

255 Muscogee 271 Talbot

256 Newton 272 Taliaferro

257 Oglethorpe 273 Taylor

258 Paulding 274 Terrell

259 Pike 275 Thomas

260 Polk 276 Troup

261 Pulaski 277 Twiggs

262 Putnam 278 Upson

263 Quitman 279 Walton

264 Randolph 280 Warren

265 Richmond 281 Washington

266 Schley 282 Webster

267 Screven 283 Wilkes

284 Wilkinson

285 Worth

LOUISIANA

CODE VALUE COUNTY CODE VALUE COUNTY

000000300 Avoyelles 000000317 Madison

301 Baton Rouge-East 318 Morehouse

303 Bossier 319 Natchitoches

306 Carroll 320 Quichita

307 Catahoula 322 Rapides

308 Claibourne 323 Sabine

309 Concordia 324 St. Helena

310 DeSoto 325 St. Landry

311 Feliciania-East 326 St. Martin's

312 Feliciania-West 327 Tensas

313 Franklin 328 Union

314 Jackson 330 Washington

315 Lafayette 331 Winn

316 Livingston

MISSISSIPPI

CODE VALUE COUNTY CODE VALUE COUNTY

000000350 Adams 000000379 Marion

351 Amite 380 Marshall

352 Attala 381 Monroe

353 Bolivar 382 Neshoba

354 Calhoun 383 Newton

355 Carroll 384 Noxubee

356 Chickasaw 385 Oktibbeba

357 Choctaw 386 Panola

358 Claiborne 387 Pike

359 Clarke 388 Pontotoc

361 Copiah 389 Rankin

362 Covington 390 Scott

363 DeSoto 391 Simpson

364 Franklin 392 Smith

366 Hinds 393 Tallahatchie

367 Holmes 394 Tippah

369 Itawamba 395 Tishomingo

370 Jasper 397 Warren

371 Jefferson 398 Wayne

372 Kemper 399 Wilkinson

373 Lafayette 400 Winston

374 Lauderdale 402 Yazoo

375 Lawrence

376 Leake

377 Lowndes

378 Madison

NORTH CAROLINA

CODE VALUE COUNTY CODE VALUE COUNTY

000000420 Anson 000000433 Mecklenburg

422 Cabarrus 435 Nash

423 Duplin 436 Northampton

424 Edgecombe 437 Pitt

425 Franklin 438 Richmond

426 Greene 439 Robeson

427 Halifax 440 Rowan

428 Hertford 441 Surry

429 Johnston 442 Union

430 Jones 443 Wake

431 Lenoir 444 Wayne

432 Martin 445 Wilson

SOUTH CAROLINA

CODE VALUE COUNTY CODE VALUE COUNTY

000000510 Abbeville 000000524 Lancaster

511 Anderson 525 Laurens

512 Barnwell 526 Lexington

513 Beaufort 527 Marion

514 Charleston 528 Marlboro

515 Chester 529 Newberry

516 Chesterfield 530 Orangeburg

517 Clarendon 531 Richland

518 Colleton 532 Spartanburg

519 Darlington 533 Sumter

520 Edgefield 534 Union

521 Fairfield 535 Williamsburg

522 Greenville 536 York

523 Kershaw

TENNESSEE

CODE VALUE COUNTY CODE VALUE COUNTY

000000600 Carroll 000000610 Macon

601 Fayette 611 McNairy

602 Gibson 612 Madison

603 Giles 613 Maury

604 Hardeman 614 Monroe

605 Haywood 615 Rutherford

606 Henderson 616 Shelby

607 Lauderdale 617 Tipton

608 Lawrence 618 Williamson

609 Lincoln

TEXAS

CODE VALUE COUNTY CODE VALUE COUNTY

000000700 Anderson 000000711 Colorado

701 Angelina 712 Comal

702 Austin 713 DeWitt

703 Bastrop 714 Falls

704 Bowie 715 Fannin

705 Brazoria 716 Fayette

707 Burleson 717 Fort Bend

708 Caldwell 718 Freestone

709 Cass 719 Goliad

710 Cherokee 720 Gonzales

000000721 Grimes 000000740 Nacogdoches

722 Guadalupe 741 Navarro

723 Harrison 742 Newton

724 Hays 743 Panola

725 Henderson 744 Polk

726 Houston 745 Red River

727 Liberty 746 Robertson

728 Jasper 747 Rusk

729 Lamar 748 Sabine

730 Lavaca 749 San Augustine

731 Leon 750 Shelby

732 Limstone 751 Smith

734 Madison 752 Titus

736 Matagorda 753 Travis

737 McLennan 754 Trinity

738 Milam 755 Tyler

739 Montgomery 756 Upshur

757 Victoria

758 Walker

759 Washington

760 Wharton

761 Wood

VIRGINIA

CODE VALUE COUNTY CODE VALUE COUNTY

000000800 Essex 000000803 Southampton

801 Greensville 804 Sussex

802 Prince George

VARIABLE

NUMBER DESCRIPTION

2 Code of soil type in the county

CODE DESCRIPTION

01 Granite and metamorphic gray and

red lands TIMBERED

02 Highland rim of central basin

of Tennessee TIMBERED

03 Siliceous and mountain lands,

Tennessee, N. Alabama, N. Arkansas TIMBERED

04 Sand hills belt of middle North Carolina

South Carolina, Georgia, Alabama TIMBERED

05 Gray silt prairies, Arkansas,

Louisiana, Texas PRAIRIE

06 Sand desert, Southwest Texas PRAIRIE

07 Red clay lands, middle Tennessee TIMBERED

08 Valley lands of East Tennessee,

Georgia, Alabama, with narrow cherty

ridges TIMBERED

09 Redloam and clay prairie country,

Arkansas, Missouri, Texas PARTY TIMBERED

10 Pontotoc ridge redlands (cretaceous),

Mississippi TIMBERED

11 Red hills (tertiary), South Carolina TIMBERED

12 Central basin limestone lands,

Tennessee TIMBERED

13 Red loam region, Arkansas TIMBERED

14 Flatwoods, Alabama, Mississippi,

Tennessee TIMBERED

15 Gypsum prairies and arid plains

of Ilano estacado of Texas PRAIRIE

16 Oak, hickory, and short leaf pine

uplands, Mississippi, Tennessee,

Arkansas, Texas, Louisiana TIMBERED

17 Black and stiff calcareous (cretaceous)

prairies, Alabama, Mississippi,

Arkansas, Texas PRAIRIE

18 Calcareous prairielands (tertiary),

Alabama, Mississippi, Louisiana, Texas PARTY TIMBERED

19 Black calcareous and coast prairies,

Texas, Louisiana PRAIRIE

20 Brown loam bluff and table lands,

Tennessee, Mississippi TIMBERED

21 Brown loam prairies of Louisiana PRAIRIE

22 Sandy prairies of Indian Territory PRAIRIE

23 Central belt oak, hickory and longleaf

pine hills, North Carolina to

Louisiana TIMBERED

24 Long leaf pine hills, Alabama, Florida,

Georgia, North Carolina, Texas to

Mississippi and level wire grass and

pine barrens TIMBERED

25 Gray, gravelly ridges and magnesian

limestone lands, Arkansas, Tennessee,

Northwest Georgia TIMBERED

26 Long leaf pine flats and savannahs

near the coast from Virginia to

Texas TIMBERED

27 Alluvial lands and large upland

swamps TIMBERED

28 Marshes, swamps and live oak lands

of the coast PARTY TIMBERED

VARIABLE

NUMBER DESCRIPTION

3 Number of farms sampled in the county

4 Cotton production in the county, 1860

(in hundreds of bales)

5 Page-line code in the manuscript census

6 Value of personal property

7 Acres of improved land

8 Acres of unimproved land

9 Dollar valuation of farm

10 Dollar valuation of farm machinery

11 Head of horses

12 Head of asses and mules

13 Head of milk cows

14 Head of working oxen

15 Head of other cattle

16 Head of sheep

17 Head of swine

18 Dollar value of livestock

19 Number of bushels of wheat

20 Number of bushels of rye

21 Number of bushels of corn

22 Number of bushels of oats

23 Number of bushels of rice

24 Number of pounds of tobacco

25 Number of bales of cotton

26 Number of pounds of wool

27 Number of bushels of peas and beans

28 Number of bushels of Irish potatoes

29 Number of bushels of sweet potatoes

30 Number of bushels of barley

31 Number of bushels of buckwheat

32 Dollar value of orchard products

33 Number of gallons of wine

34 Dollar value of market garden products

35 Number of pounds of butter

36 Number of pounds of cheese

37 Number of tons of hay and fodder

38 Number of bushels of clover seed

39 Number of bushels of grass seed

40 Number of pounds of hops

41 Number of tons of dew rotted hemp

42 Number of tons of water rotted hemp

43 Number of tons of other hemp

44 Number of pounds of flax

45 Number of bushels of flaxseed

46 Number of pounds of silk cocoons

47 Number of pounds of maple sugar

48 Number of pounds of cane sugar (in 1000's)

49 Number of gallons of molasses

50 Number of pounds of beeswax

51 Number of pounds of honey

52 Dollar value of home manufactures

53 Dollar value of animals slaughtered

54 Check Total

This variable is the numeric sum of variables

1-53

55 Number of free males less than 6 months of age

56 Number of free males 1-4 years of age

57 Number of free males 5-9 years of age

58 Number of free males 10-14 years of age

59 Number of free males 15-19 years of age

60 Number of free males 20-24 years of age

61 Number of free males 25-29 years of age

62 Number of free males 30-34 years of age

63 Number of free males 35-39 years of age

64 Number of free males 40-44 years of age

65 Number of free males 45-49 years of age

66 Number of free males 50-54 years of age

67 Number of free males 55-59 years of age

68 Number of free males 60-64 years of age

69 Number of free males 65-69 years of age

70 Number of free males 70-79 years of age

71 Number of free males 80-89 years of age

72 Number of free males 90 years of age and over

73 Number of free females less than 6 months of age

74 Number of free females 1-4 years of age

75 Number of free females 5-9 years of age

76 Number of free females 10-14 years of age

77 Number of free females 15-19 years of age

78 Number of free females 20-24 years of age

79 Number of free females 25-29 years of age

80 Number of free females 30-34 years of age

81 Number of free females 35-39 years of age

82 Number of free females 40-44 years of age

83 Number of free females 45-49 years of age

84 Number of free females 50-54 years of age

85 Number of free females 55-59 years of age

86 Number of free females 60-64 years of age

87 Number of free females 65-69 years of age

88 Number of free females 70-79 years of age

89 Number of free females 80-89 years of age

90 Number of free females 90 years of age and over

91 Number of male slaves less than 6 months of age

92 Number of male slaves 1-4 years of age

93 Number of male slaves 5-9 years of age

94 Number of male slaves 10-14 years of age

95 Number of male slaves 15-19 years of age

96 Number of male slaves 20-24 years of age

97 Number of male slaves 25-29 years of age

98 Number of male slaves 30-34 years of age

99 Number of male slaves 35-39 years of age

100 Number of male slaves 40-44 years of age

101 Number of male slaves 45-49 years of age

102 Number of male slaves 50-54 years of age

103 Number of male slaves 55-59 years of age

104 Number of male slaves 60-64 years of age

105 Number of male slaves 65-69 years of age

106 Number of male slaves 70-79 years of age

107 Number of male slaves 80-89 years of age

108 Number of male slaves 90 years of age and over

109 Number of female slaves less than 6 months of age

110 Number of female slaves 1-4 years of age

111 Number of female slaves 5-9 years of age

112 Number of female slaves 10-14 years of age

113 Number of female slaves 15-19 years of age

114 Number of female slaves 20-24 years of age

115 Number of female slaves 25-29 years of age

116 Number of female slaves 30-34 years of age

117 Number of female slaves 35-39 years of age

118 Number of female slaves 40-44 years of age

119 Number of female slaves 45-49 years of age

120 Number of female slaves 50-54 years of age

121 Number of female slaves 55-59 years of age

122 Number of female slaves 60-64 years of age

123 Number of female slaves 65-69 years of age

124 Number of female slaves 70-79 years of age

125 Number of female slaves 80-89 years of age

126 Number of female slaves 90 years of age and over

127 Number of Wale farm laborers less than

6 months of age

128 Number of male farm laborers 1-4 years of age

129 Number of male farm laborers 5-9 years of age

130 Number of male farm laborers 10-14 years of age

131 Number of male farm laborers 15-19 years of age

132 Number of male farm laborers 20-24 years of age

133 Number of male farm laborers 25-29 years of age

134 Number of male farm laborers 30-34 years of age

135 Number of male farm laborers 35-39 years of age

136 Number of male farm laborers 40-44 years of age

137 Number of male farm laborers 45-49 years of age

138 Number of male farm laborers 50-54 years of age

139 Number of male farm laborers 55-59 years of age

140 Number of male farm laborers 60-64 years of age

141 Number of male farm laborers 65-69 years of age

142 Number of male farm laborers 70-79 years of age

143 Number of male farm laborers 80-89 years of age

144 Number of male farm laborers 90 years of

age and over

145 Number of female farm laborers less than

6 months of age

146 Number of female farm laborers 1-4 years of age

147 Number of female farm laborers 5-9 years of age

148 Number of female farm laborers 10-14 years of age

149 Number of female farm laborers 15-19 years of age

150 Number of female farm laborers 20-24 years of age

151 Number of female farm laborers 25-29 years of age

152 Number of female farm laborers 30-34 years of age

153 Number of female farm laborers 35-39 years of age

154 Number of female farm laborers 40-44 years of age

155 Number of female farm laborers 45-49 years of age

156 Number of female farm laborers 50-54 years of age

157 Number of female farm laborers 55-59 years of age

158 Number of female farm laborers 60-64 years of age

159 Number of female farm laborers 65-69 years of age

160 Number of female farm laborers 70-79 years of age

161 Number of female farm laborers 80-89 years of age

162 Number of female farm laborers 90 years of age

and over

163 Number of male overseers less than 6 months of age

164 Number of male overseers 1-4 years of age

165 Number of male overseers 5-9 years of age

166 Number of male overseers 10-14 years of age

167 Number of male overseers 15-19 years of age

168 Number of male overseers 20-24 years of age

169 Number of male overseers 25-29 years of age

170 Number of male overseers 30-34 years of age

171 Number of male overseers 35-39 years of age

172 Number of male overseers 40-44 years of age

173 Number of male overseers 45-49 years of age

174 Number of male overseers 50-54 years of age

175 Number of male overseers 55-59 years of age

176 Number of male overseers 60-64 years of age

177 Number of male overseers 65-69 years of age

178 Number of male overseers 70-79 years of age

179 Number of male overseers 80-89 years of age

180 Number of male overseers 90 years of age and over

181 Number of female overseers less than 6 months

of age

182 Number of female overseers 1-4 years of age

183 Number of female overseers 5-9 years of age

184 Number of female overseers 10-14 years of age

185 Number of female overseers 15-19 years of age

186 Number of female overseers 20-24 years of age

187 Number of female overseers 25-29 years of age

188 Number of female overseers 30-34 years of age

189 Number of female overseers 35-39 years of age

190 Number of female overseers 40-44 years of age

191 Number of female overseers 45-49 years of age

192 Number of female overseers 50-54 years of age

193 Number of female overseers 55-59 years of age

194 Number of female overseers 60-64 years of age

195 Number of female overseers 65-69 years of age

196 Number of female overseers 70-79 years of age

197 Number of female overseers 80-89 years of age

198 Number of female overseers 90 years of age and over

199 Number of male non-farm workers less than 6

months of age

200 Number of male non-farm workers 1-4 years of age

201 Number of male non-farm workers 5-9 years of age

202 Number of male non-farm workers 10-14 years of age

203 Number of male non-farm workers 15-19 years of age

204 Number of male non-farm workers 20-24 years of age

205 Number of male non-farm workers 25-29 years of age

206 Number of male non-farm workers 30-34 years of age

207 Number of male non-farm workers 35-39 years of age

208 Number of male non-farm workers 40-44 years of age

209 Number of male non-farm workers 45-49 years of age

210 Number of male non-farm workers 50-54 years of age

211 Number of male non-farm workers 55-59 years of age

212 Number of male non-farm workers 60-64 years of age

213 Number of male non-farm workers 65-69 years of age

214 Number of male non-farm workers 70-79 years of age

215 Number of male non-farm workers 80-89 years of age

216 Number of male non-farm workers 90 years of age

and over

217 Number of female non-farm workers less than

6 months of age

218 Number of female non-farm workers 1-4 years of age

219 Number of female non-farm workers 5-9 years of age

220 Number of female non-farm workers 10-14 years of age

221 Number of female non-farm workers 15-19 years of age

222 Number of female non-farm workers 20-24 years of age

223 Number of female non-farm workers 25-29 years of age

224 Number of female non-farm workers 30-34 years of age

225 Number of female non-farm workers 35-39 years of age

226 Number of female non-farm workers 40-44 years of age

227 Number of female non-farm workers 45-49 years of age

228 Number of female non-farm workers 50-54 years of age

229 Number of female non-farm workers 55-59 years of age

230 Number of female non-farm workers 60-64 years of age

231 Number of female non-farm workers 65-69 years of age

232 Number of female non-farm workers 70-79 years of age

233 Number of female non-farm workers 80-89 years of age

234 Number of female non-farm workers 90 years of age

and over

235 Total number of persons residing on each farm

This variable is the sum of variables 55-234

236 Farm Sequence Number

This is a number ranging from 0001 to 5228

assigned sequentially to each farm.