

# Recreating the DuBois Data Portraits



Atlanta University Debating Team, c. 1900



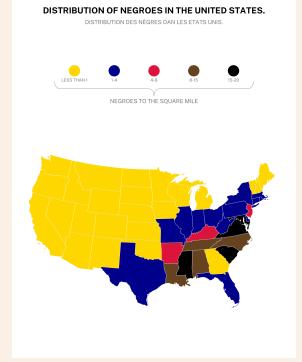
Women seated on steps of building at Atlanta University c. 1900



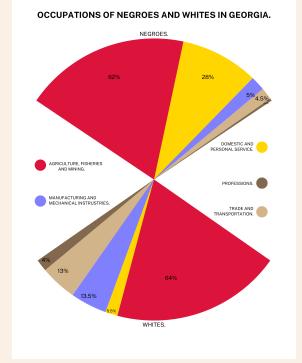
W.E.B. DuBois in Paris 1900



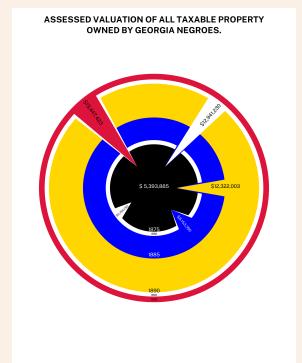
Exposition of the American Negro, Paris, 1900



# We are here

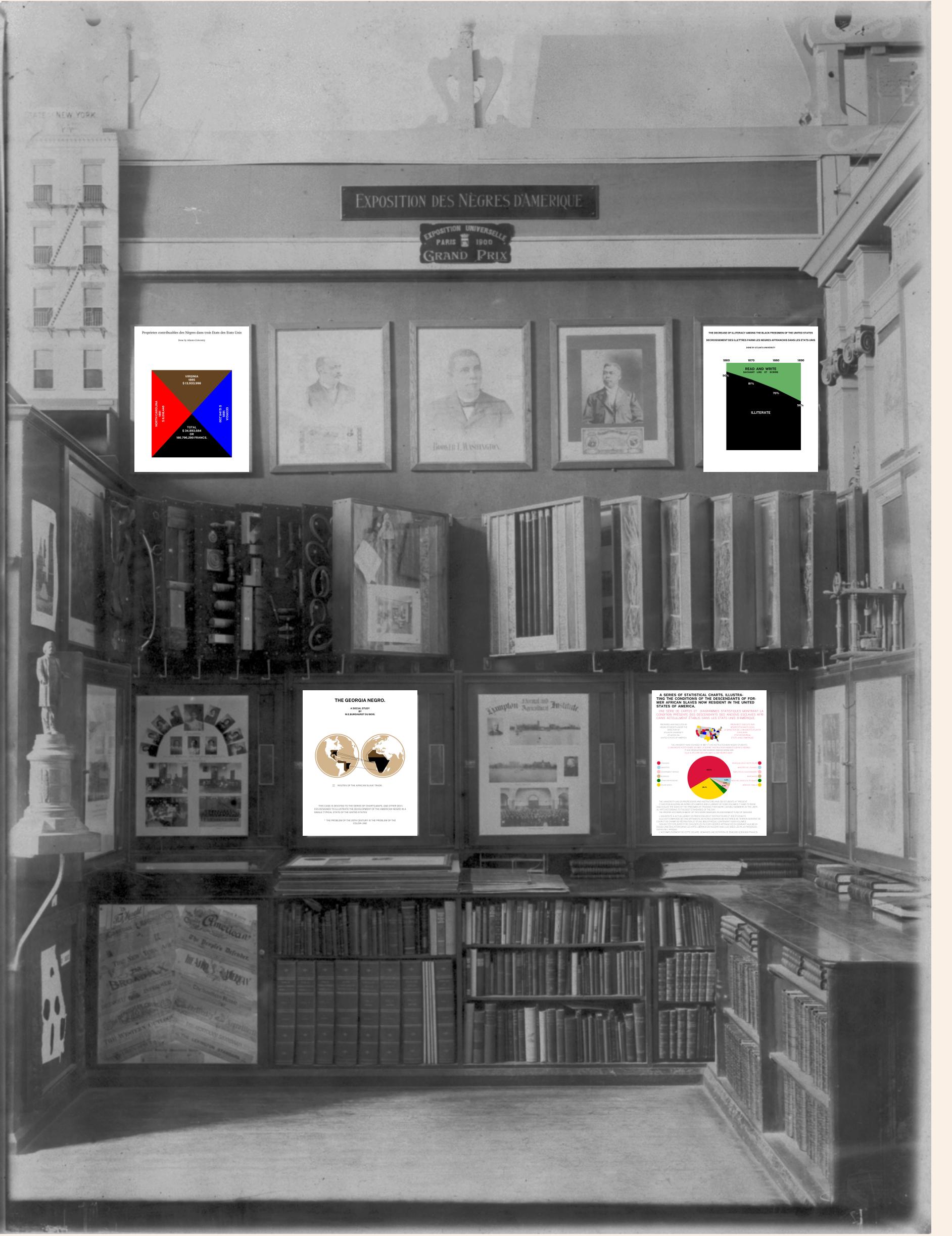


# This is who we are



# This is how far we have come





22"

A SERIES OF STATISTICAL CHARTS, ILLUSTRATING THE CONDITION OF THE DESCENDANTS OF FORMER AFRICAN SLAVES NOW RESIDENT IN THE UNITED STATES OF AMERICA.

UNE SÉRIE DE CARTES ET DIAGRAMMES STATISTIQUES MONTRANT LA CONDITION PRÉSENTE DES DESCENDANTS DES ANCIENS ESQLAVES AFRIQUEAINS ACTUELLEMENT ÉTABLIS DANS LES ETATS UNIS D'AMÉRIQUE.

PREPARED AND EXECUTED BY  
NEGRO STUDENTS UNDER THE  
DIRECTION OF  
ATLANTA UNIVERSITY,  
ATLANTA, GA.  
UNITED STATES OF AMERICA.



CENTRE OF NEGRO POPULATION,  
ATLANTA UNIVERSITY.

PRÉPARÉES ET EXÉCUTÉES PAR  
DES ÉTUDIANTS NÈGRES SOUS  
LA DIRECTION DE L'UNIVERSITÉ  
D'ATLANTA,  
ETAT DE GÉORGIE,  
ETATS UNIS D'AMÉRIQUE.

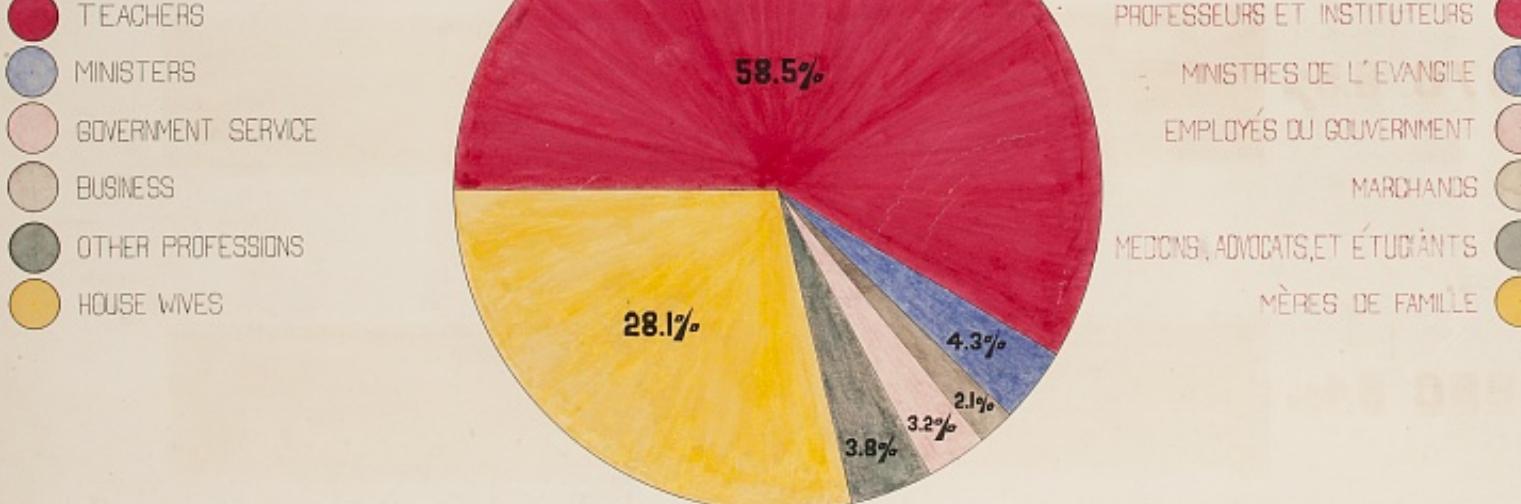
THE UNIVERSITY WAS FOUNDED IN 1867. IT HAS INSTRUCTED 6000 NEGRO STUDENTS.

L'UNIVERSITÉ A ÉTÉ FONDÉE EN 1867. ELLE A DONNÉ L'INSTRUCTION À 6000 ÉTUDIANTS NÈGRES.

IT HAS GRADUATED 330 NEGROES AMONG WHOM ARE:

ELLE A DÉLIVRÉ DES DIPLÔMES À 330 NÈGRES DONT :

28"



THE UNIVERSITY HAS 20 PROFESSORS AND INSTRUCTORS AND 250 STUDENTS AT PRESENT.

IT HAS FIVE BUILDINGS, 60 ACRES OF CAMPUS, AND A LIBRARY OF 11,000 VOLUMES. IT AIMS TO RAISE AND CIVILIZE THE SONS OF THE FREEDMEN BY TRAINING THEIR MORE CAPABLE MEMBERS IN THE LIBERAL ARTS ACCORDING TO THE BEST STANDARDS OF THE DAY.

THE PROPER ACCOMPLISHMENT OF THIS WORK DEMANDS AN ENDOWMENT FUND OF \$500,000.

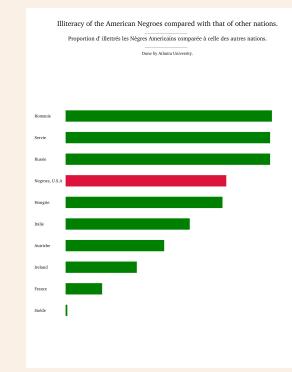
L'UNIVERSITÉ A ACTUELLEMENT 20 PROFESSEURS ET INSTRUCTEURS ET 250 ÉTUDIANTS.

ELLE EST COMPOSÉE DE CINQ BÂTIMENTS, 60 ACRES (ENVIRON 26 HECTARES) DE TERRAIN SERVANT DE COUR ET DE CHAMP DE RÉCRÉATION, ET D'UNE BIBLIOTHÈQUE CONTENANT 11,000 VOLUMES.

SON BUT EST D'ÉLEVER ET DE CIVILISER LES FILS DES NÈGRES AFFRANCHIS EN DONNANT AUX MIEUX DOUÉS UNE ÉDUCATION DANS LES ARTS LIBÉRAUX EN ACCORD AVEC LES IDÉES LES PLUS PROGRESSISTES DE L'ÉPOQUE.

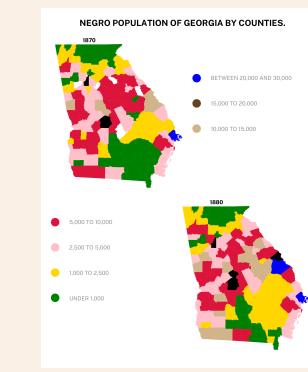
L'ACCOMPLISSEMENT DE CETTE ŒUVRE DEMANDE UNE DOTATION DE \$500,000 (2,500,000 FRANCS).

# Taxonomy



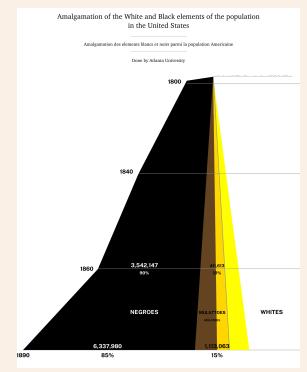
Bars

52.63%



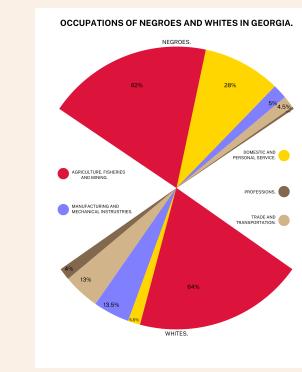
Maps

15.79%



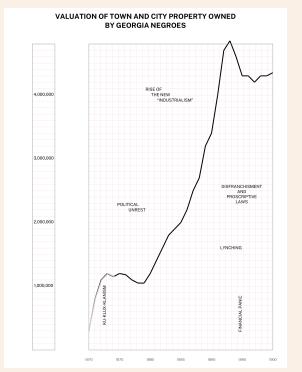
Blocks

14.04%



Circles

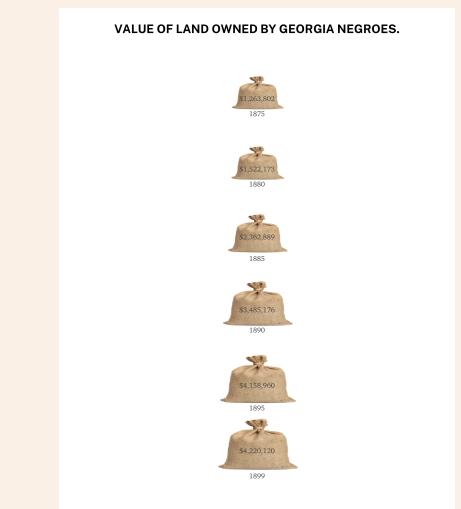
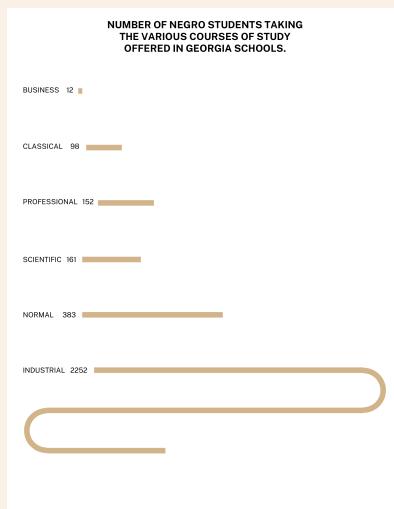
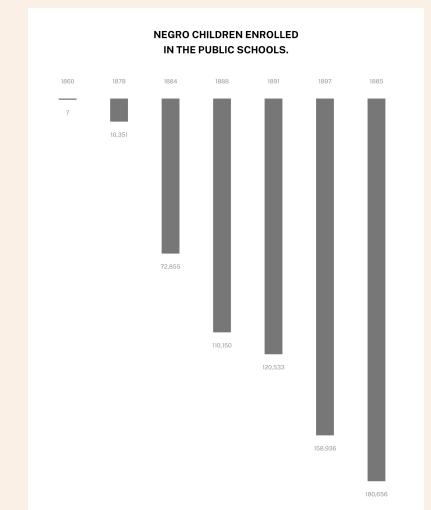
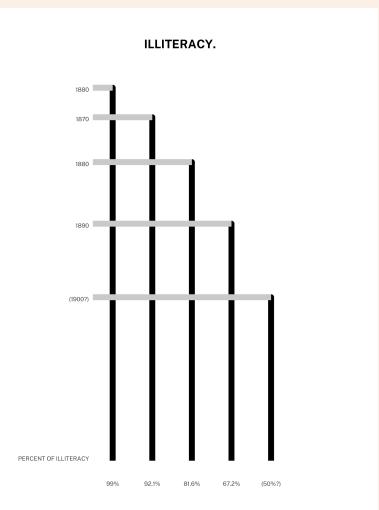
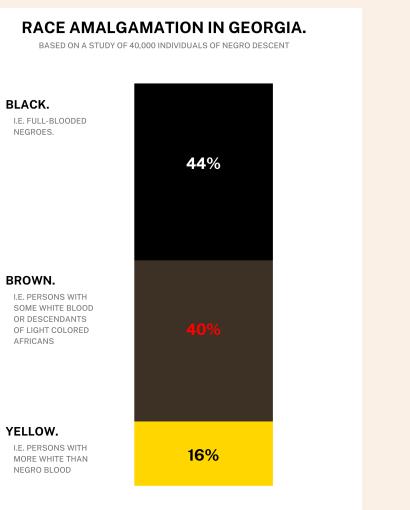
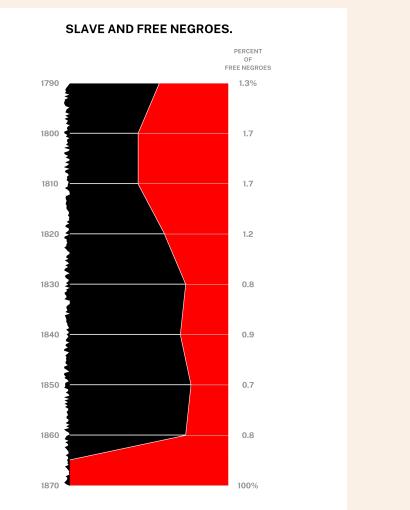
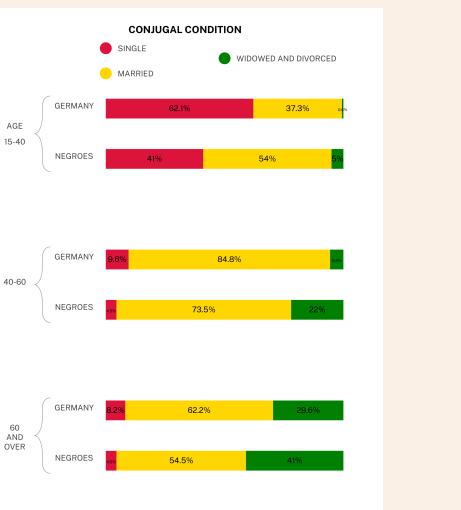
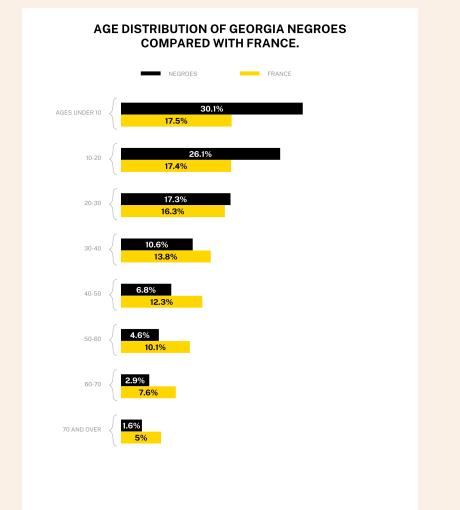
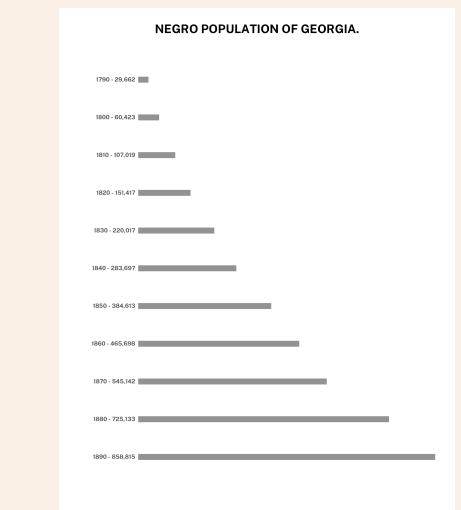
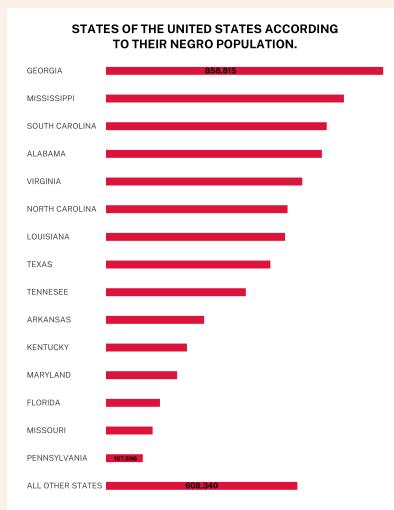
12.28%



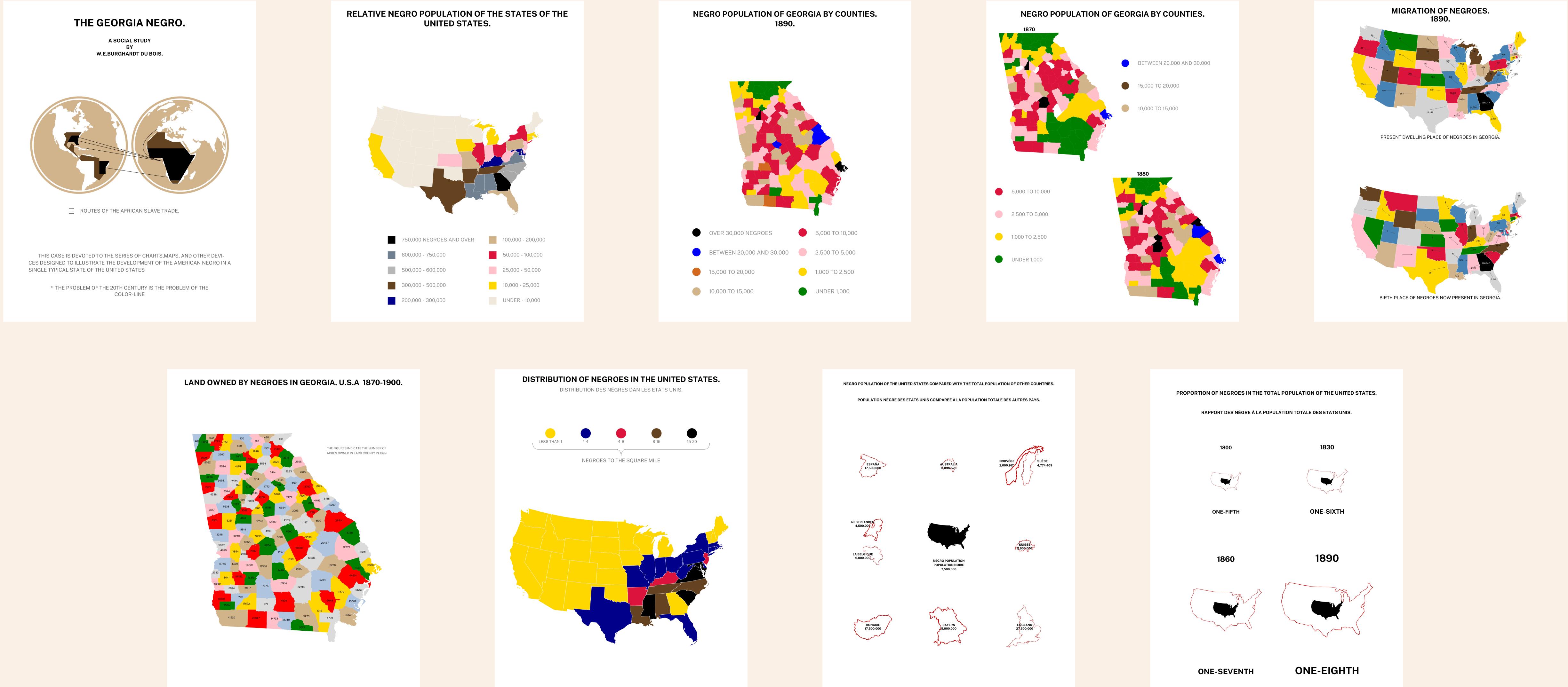
Graphs

5.26%

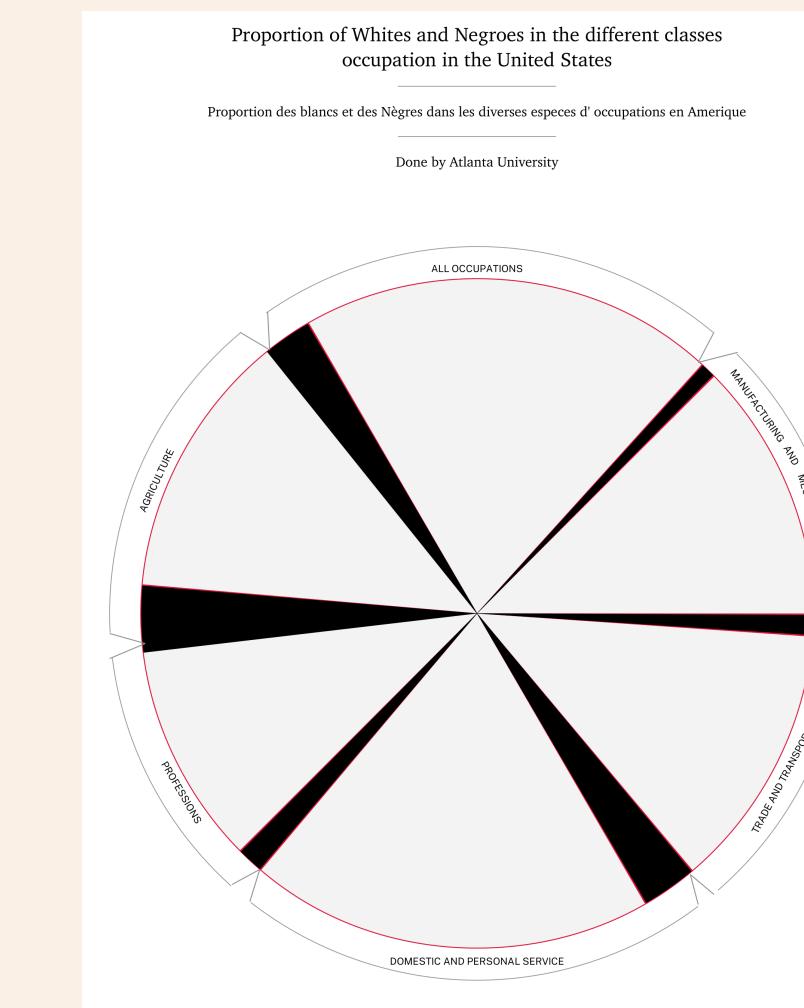
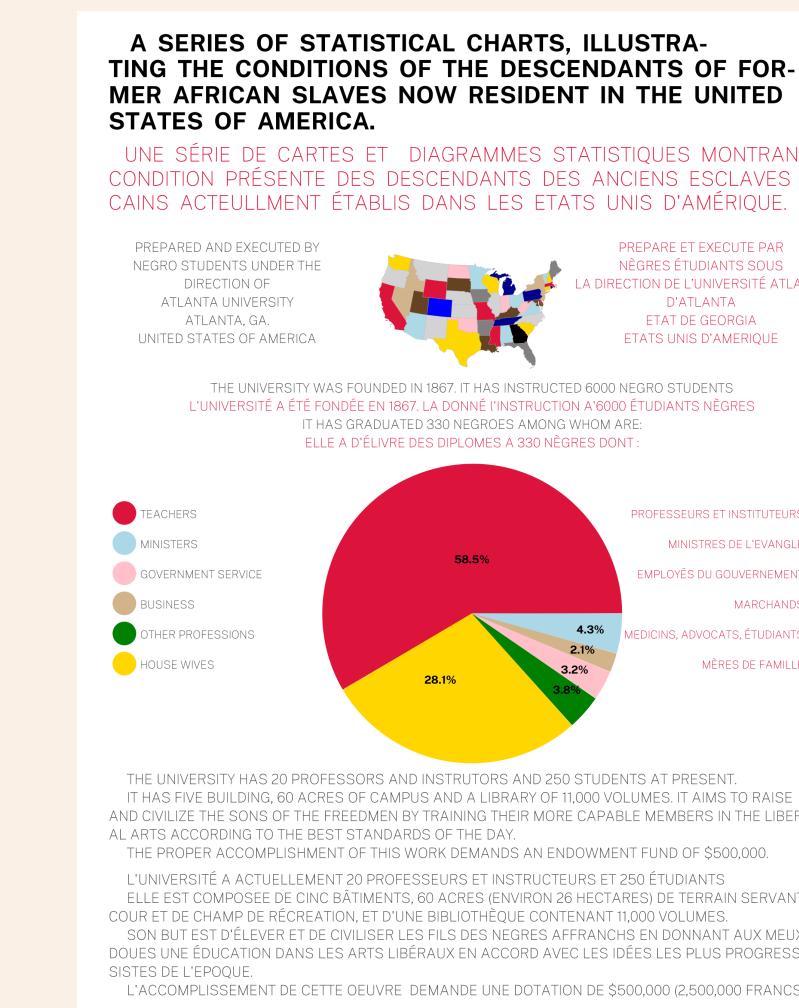
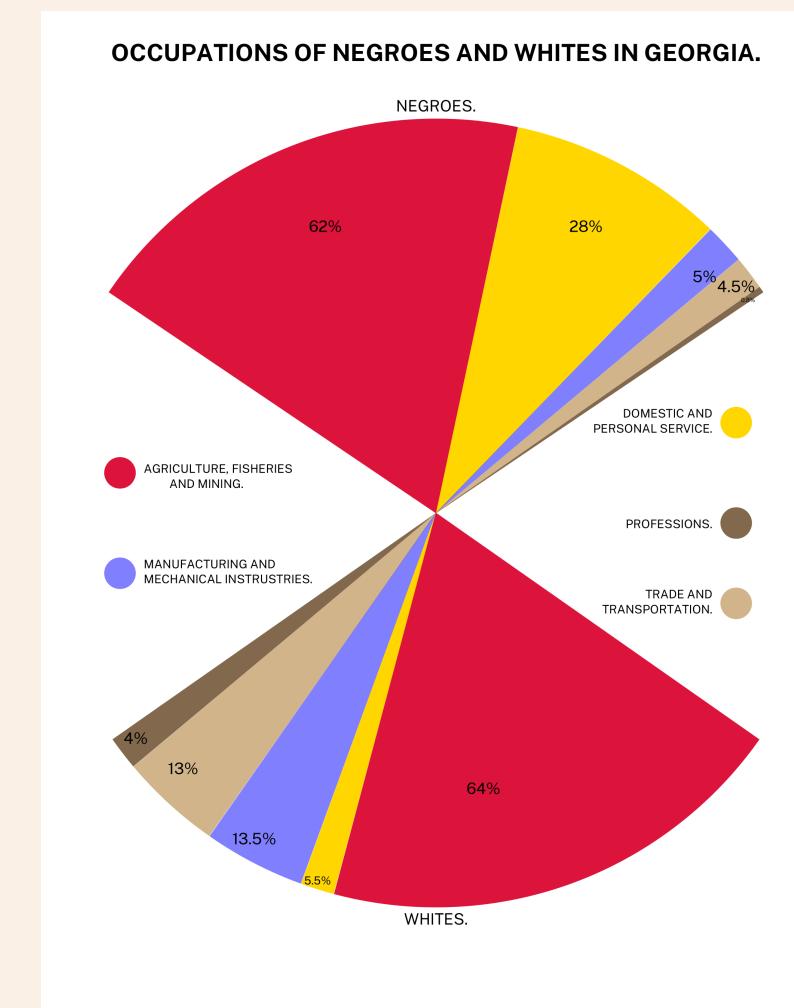
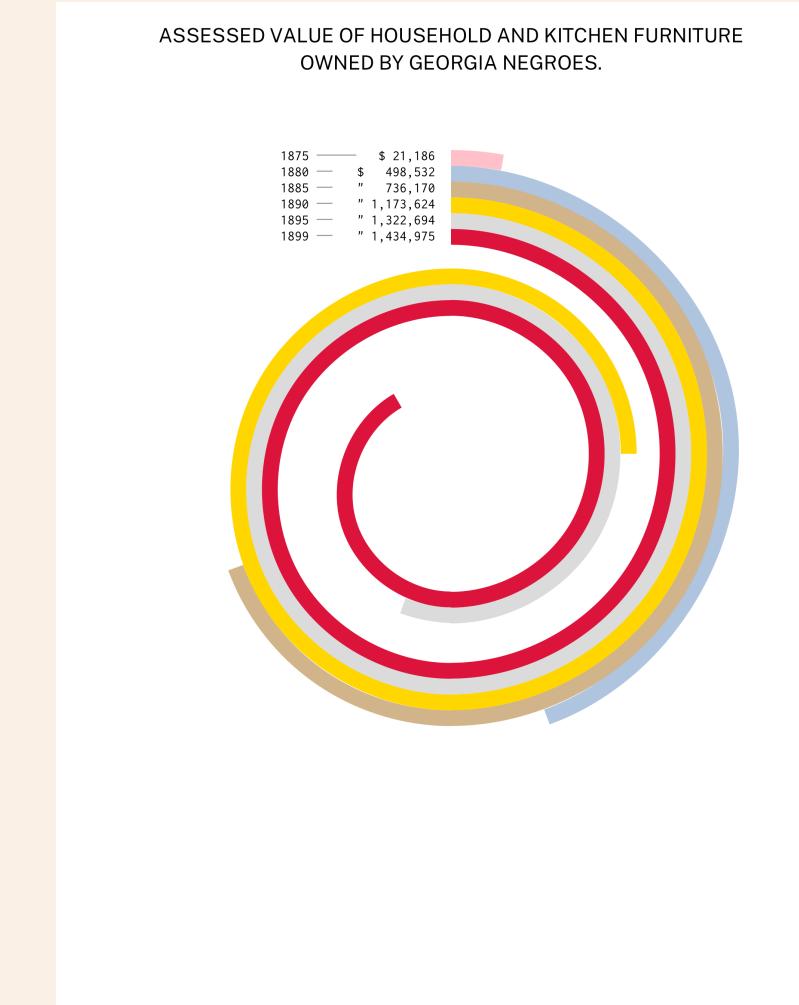
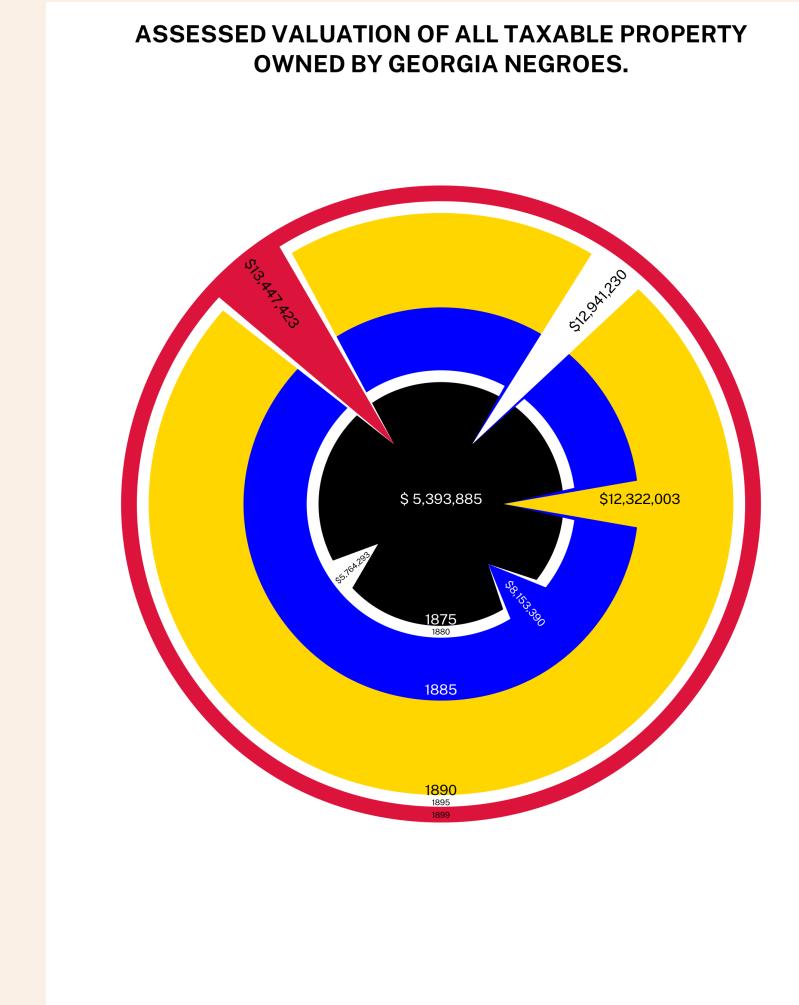
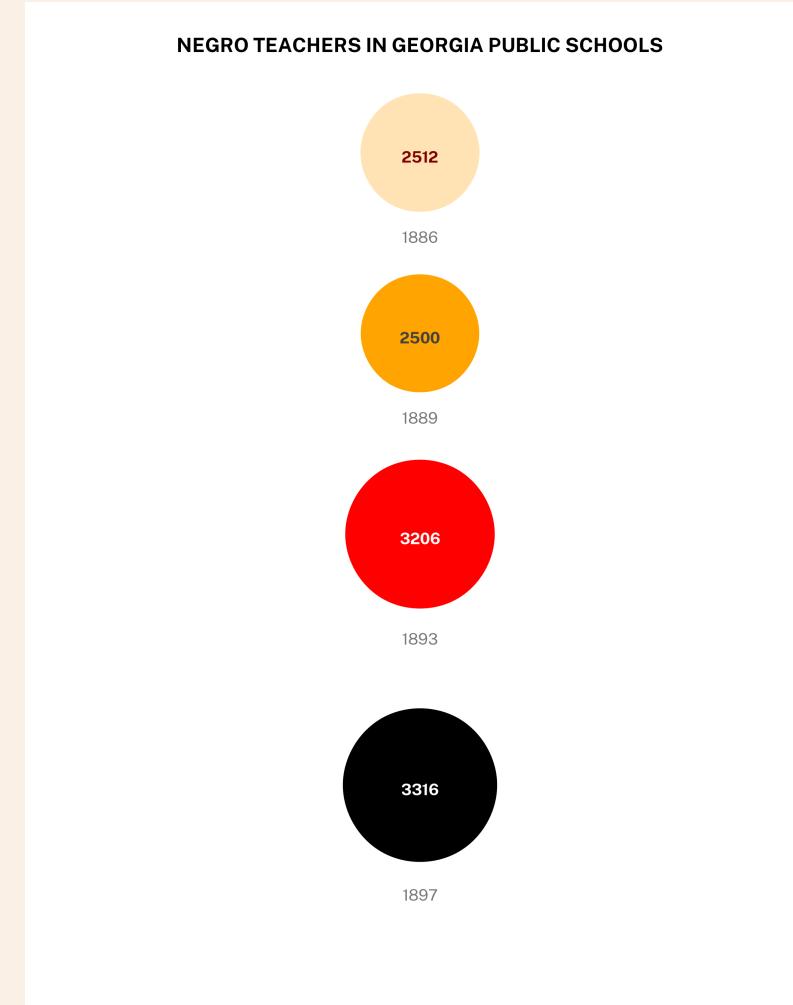
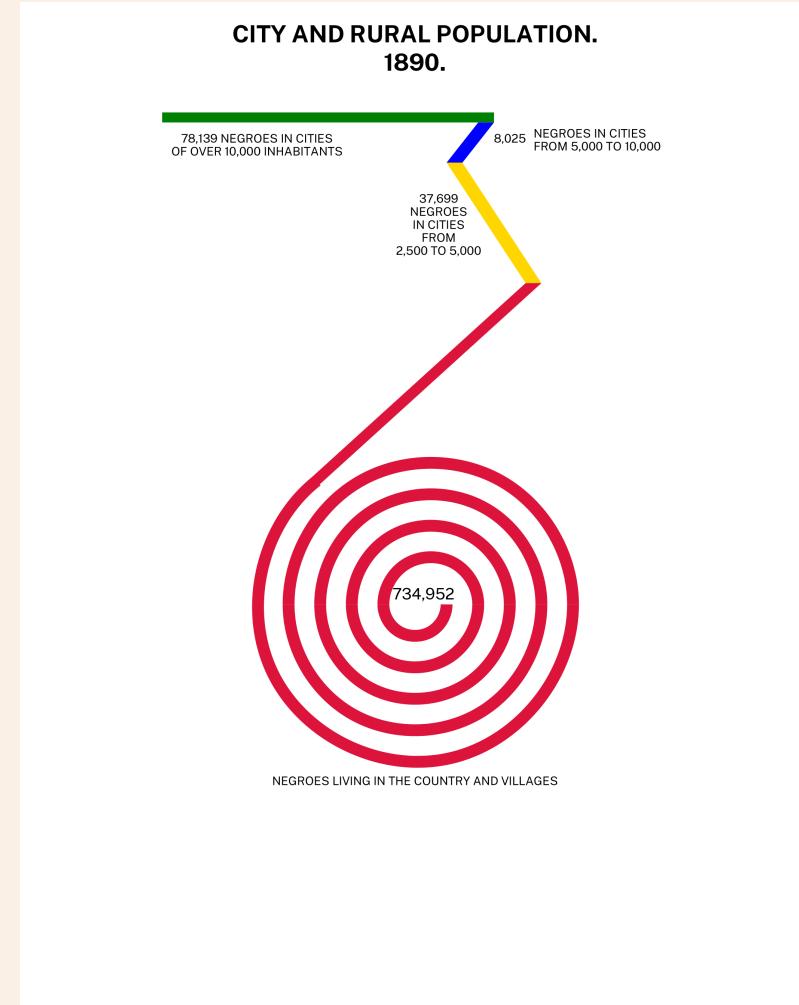
# Bars



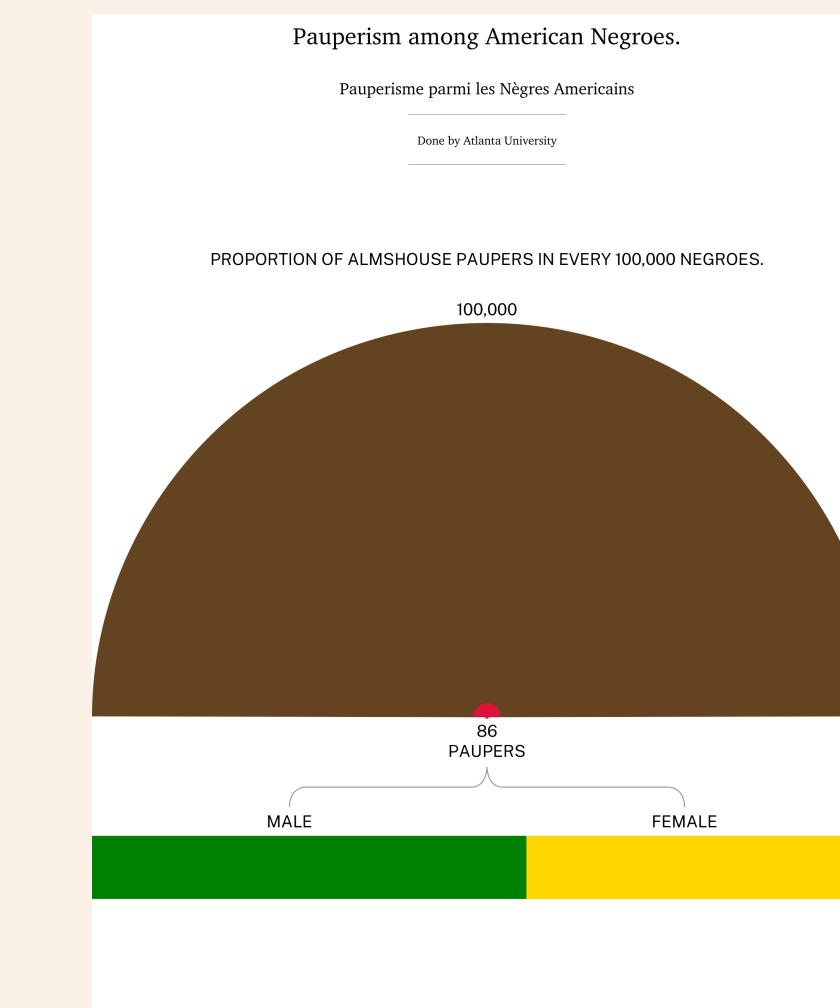
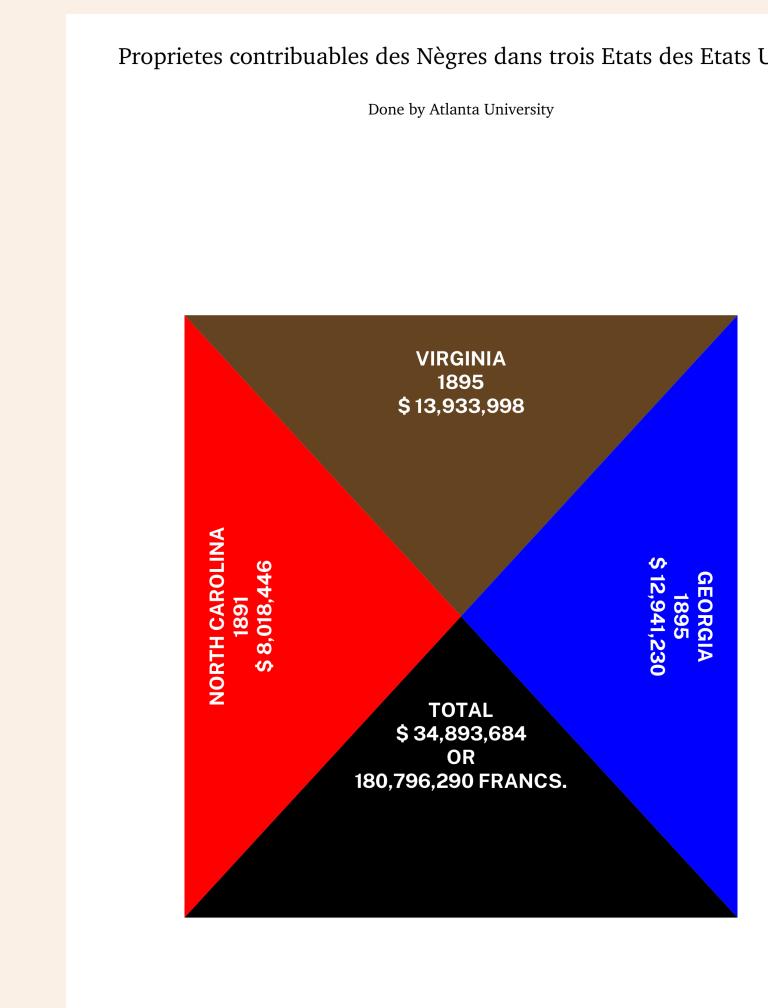
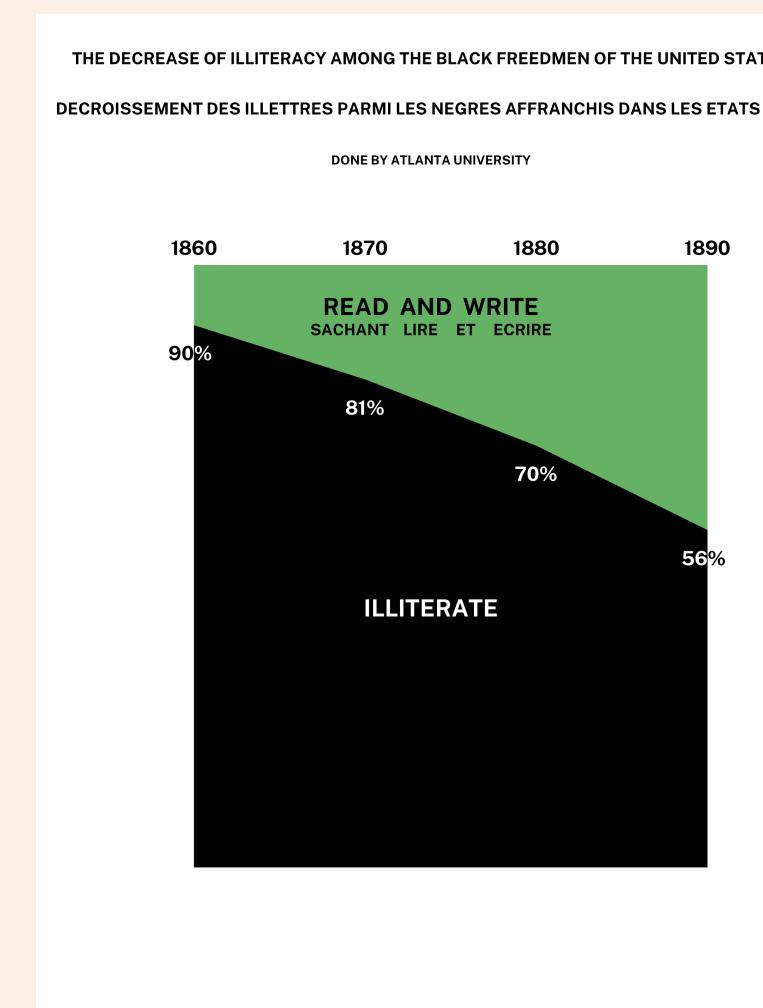
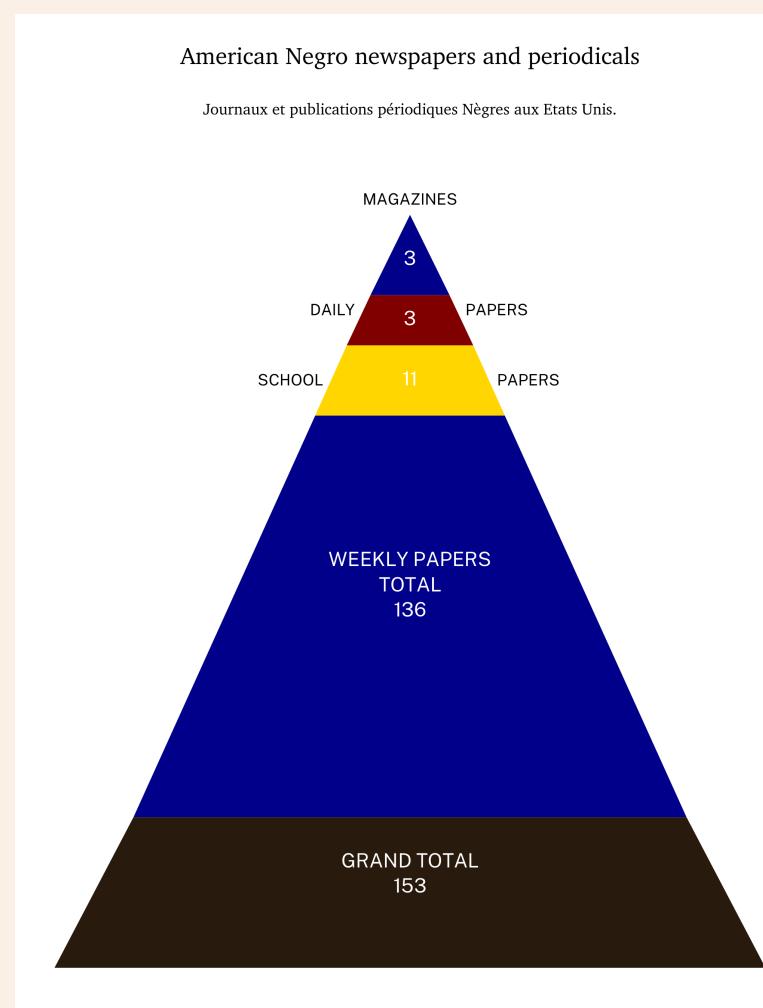
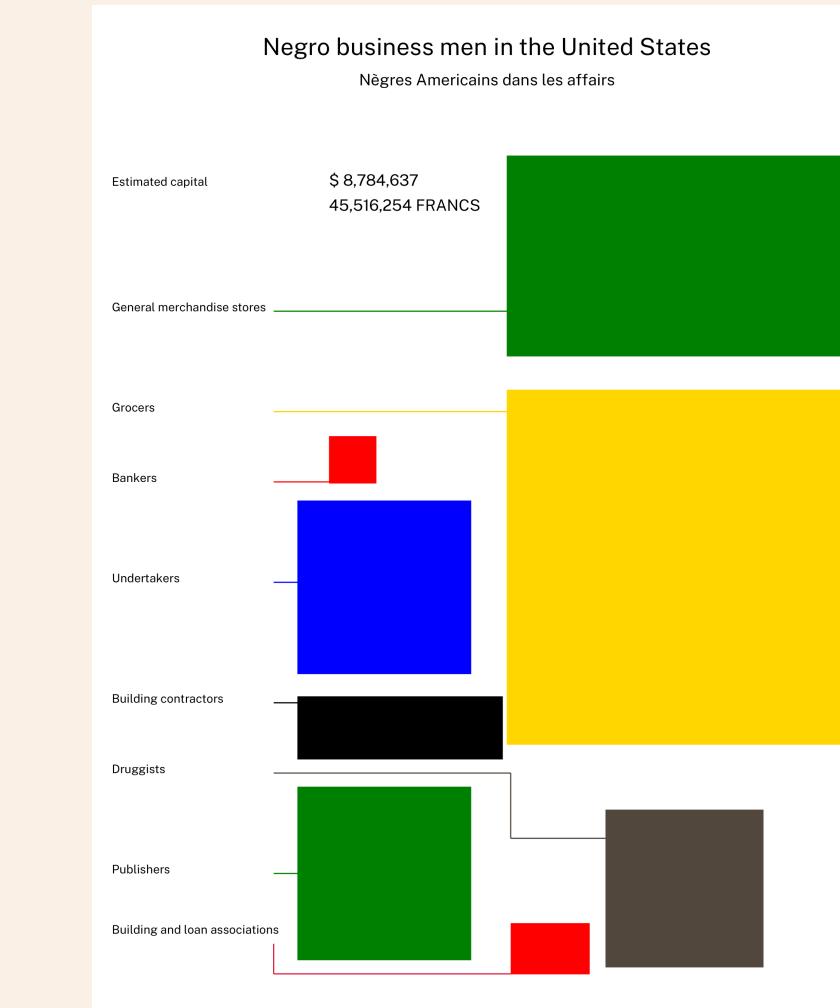
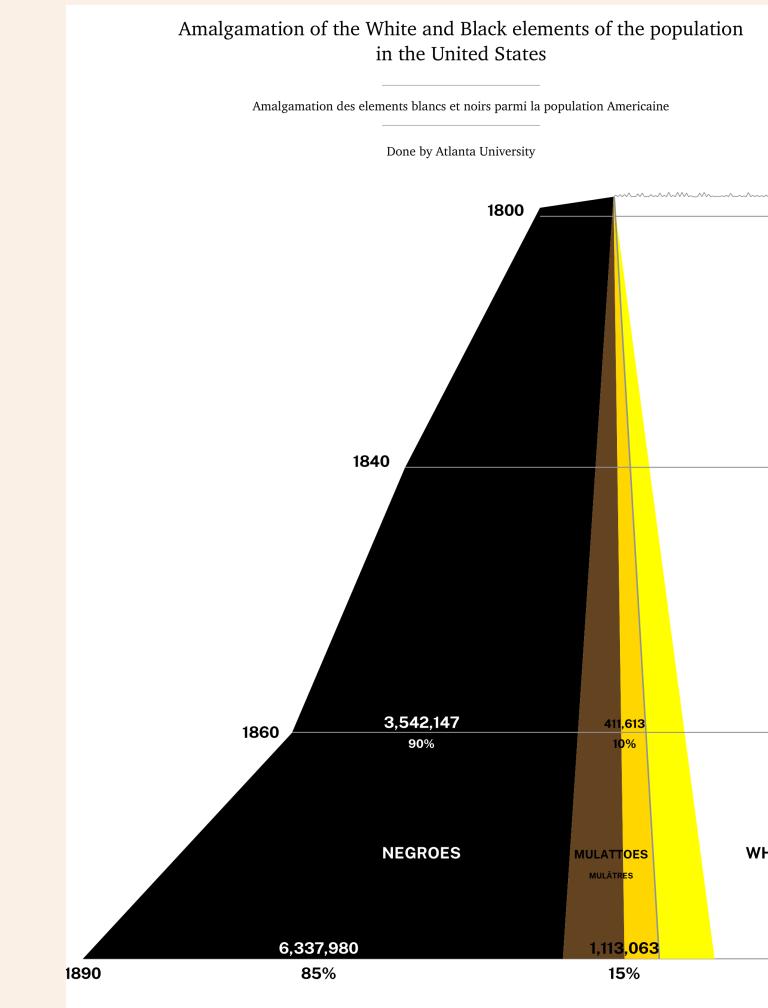
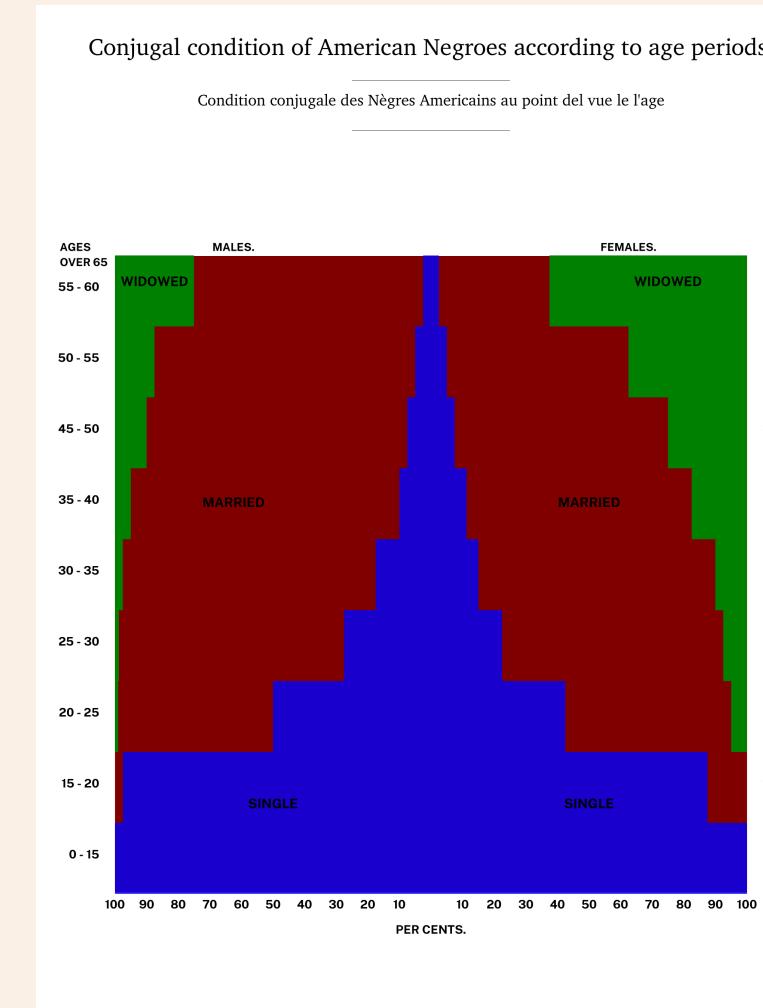
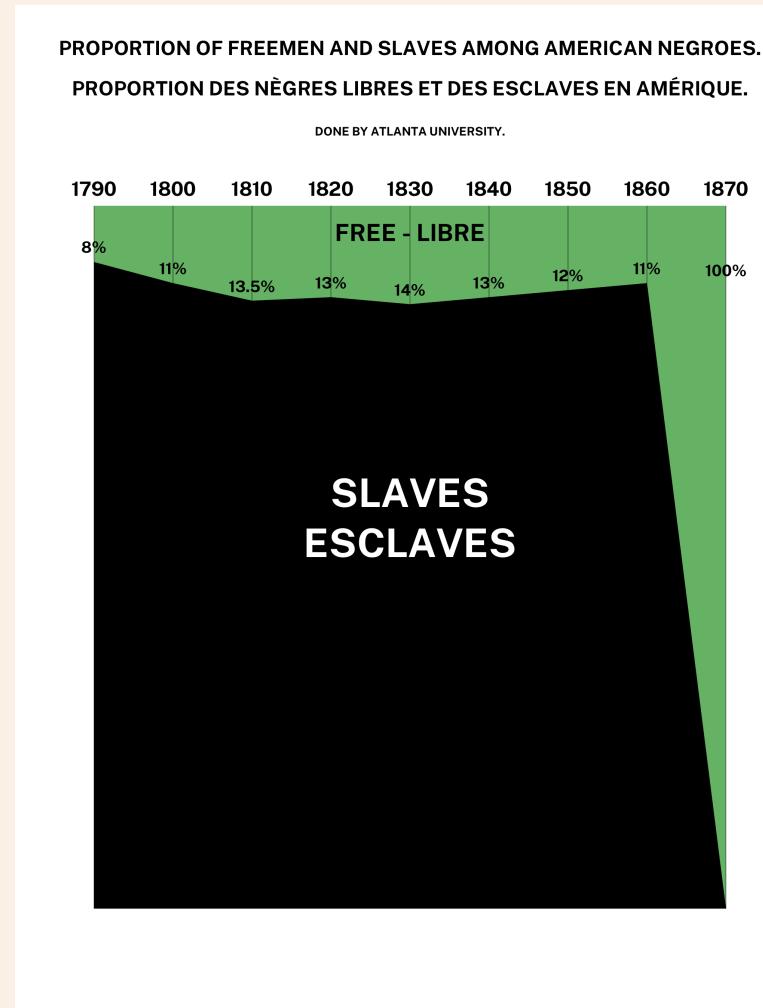
# Maps



# Circles

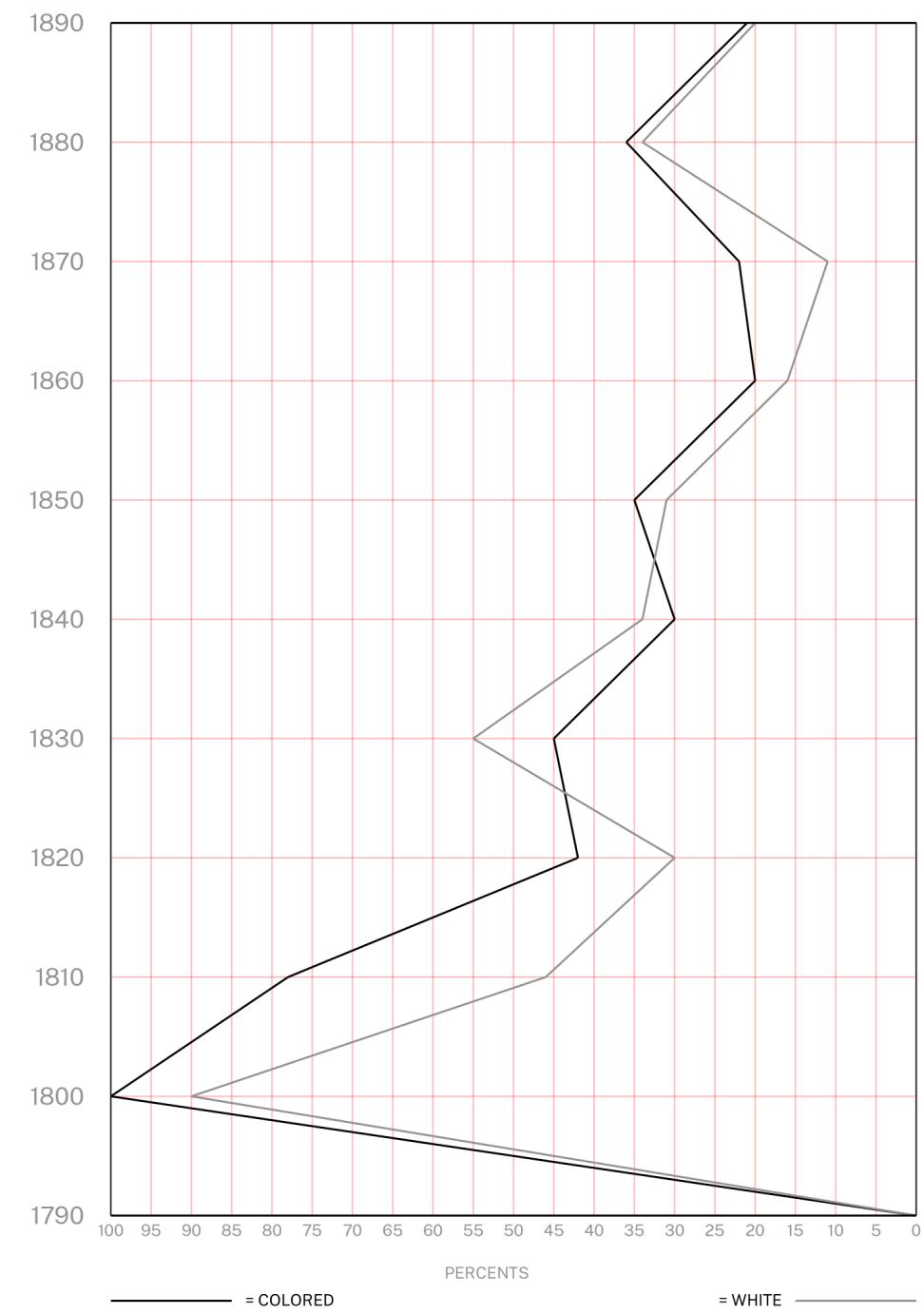


# Blocks

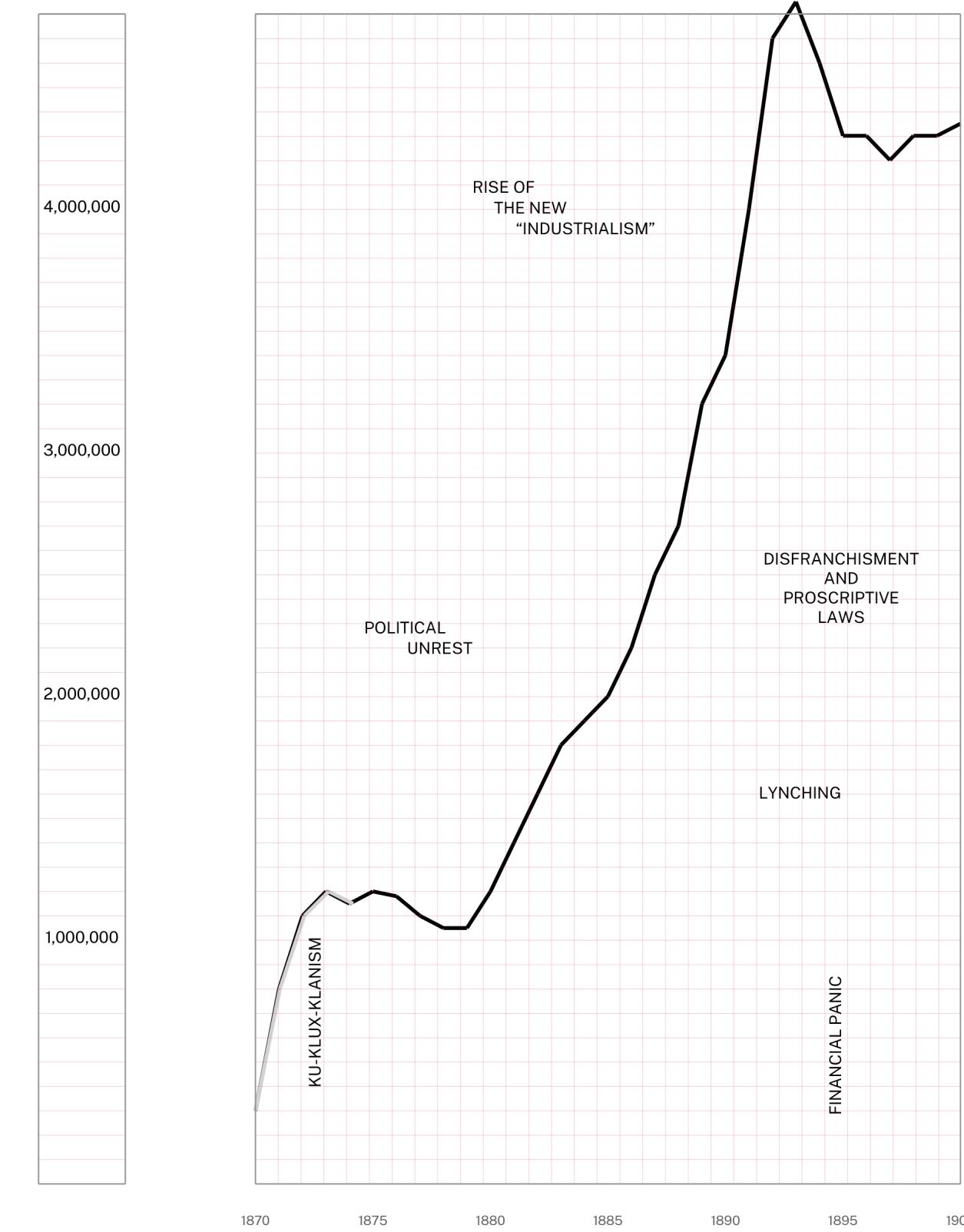


# Graphs

**COMPARATIVE INCREASE OF WHITE AND COLORED POPULATION OF GEORGIA.**

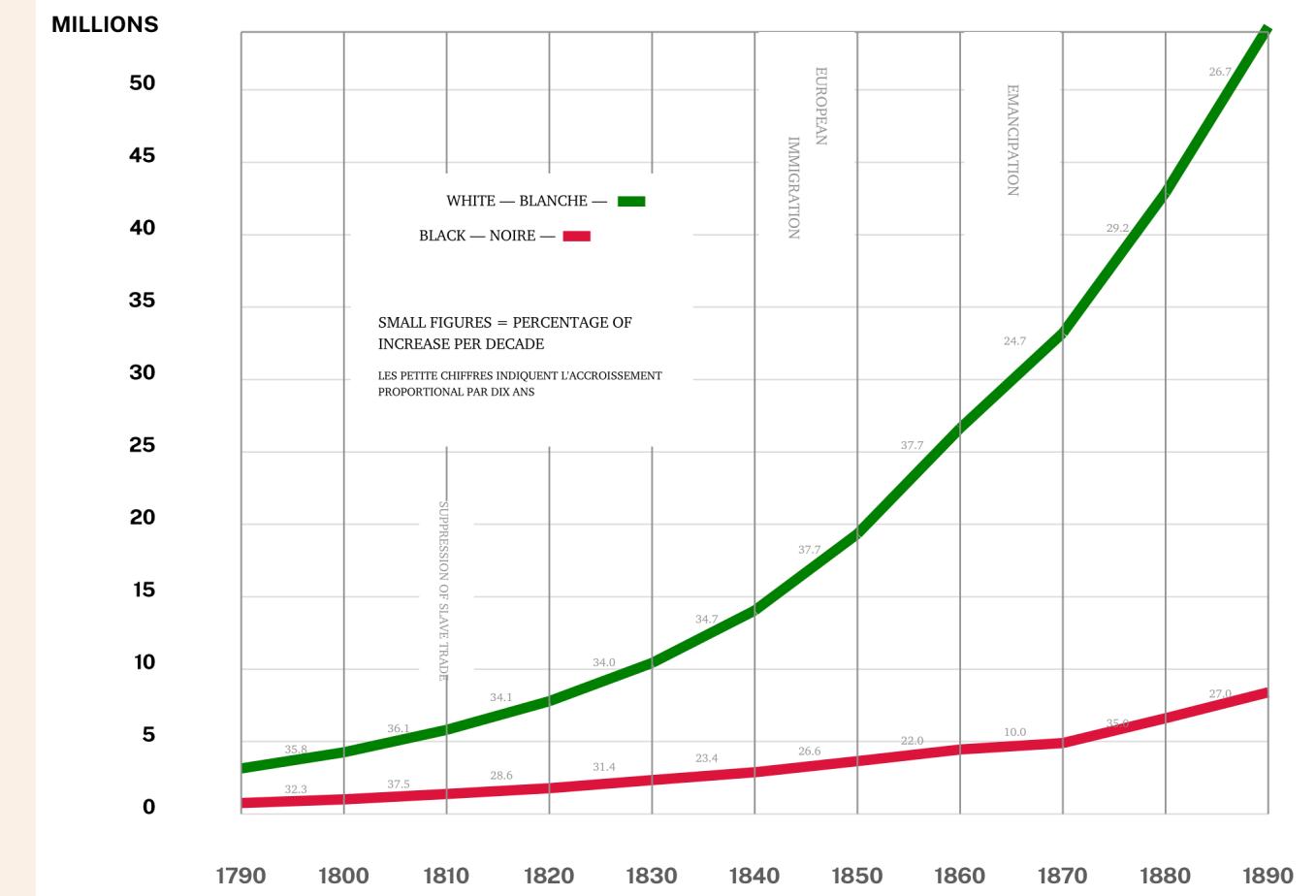


**VALUATION OF TOWN AND CITY PROPERTY OWNED BY GEORGIA NEGROES**



Comparative rate of increase of the White and Negro elements population of the United States

Accroissement proportionnel des éléments blancs et noirs aux Etats-Unis  
Done by Atlanta University



# Color Palette

black



#000000

brown



#654321

tan



#d2b48c

gold



#ffd700

pink



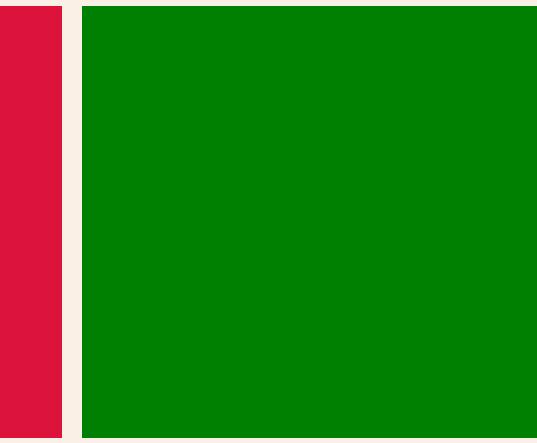
#ffc0cb

red



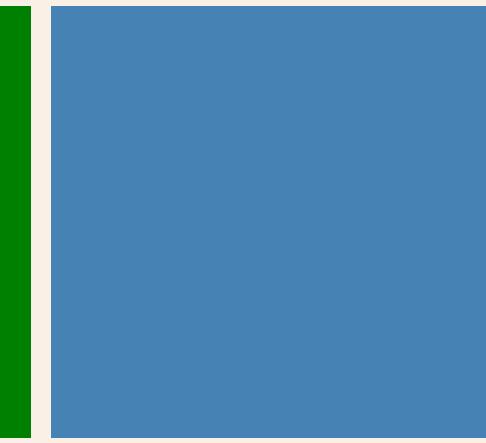
#dc143c

green



#00aa00

blue



#4682b4

Typography

Public Sans

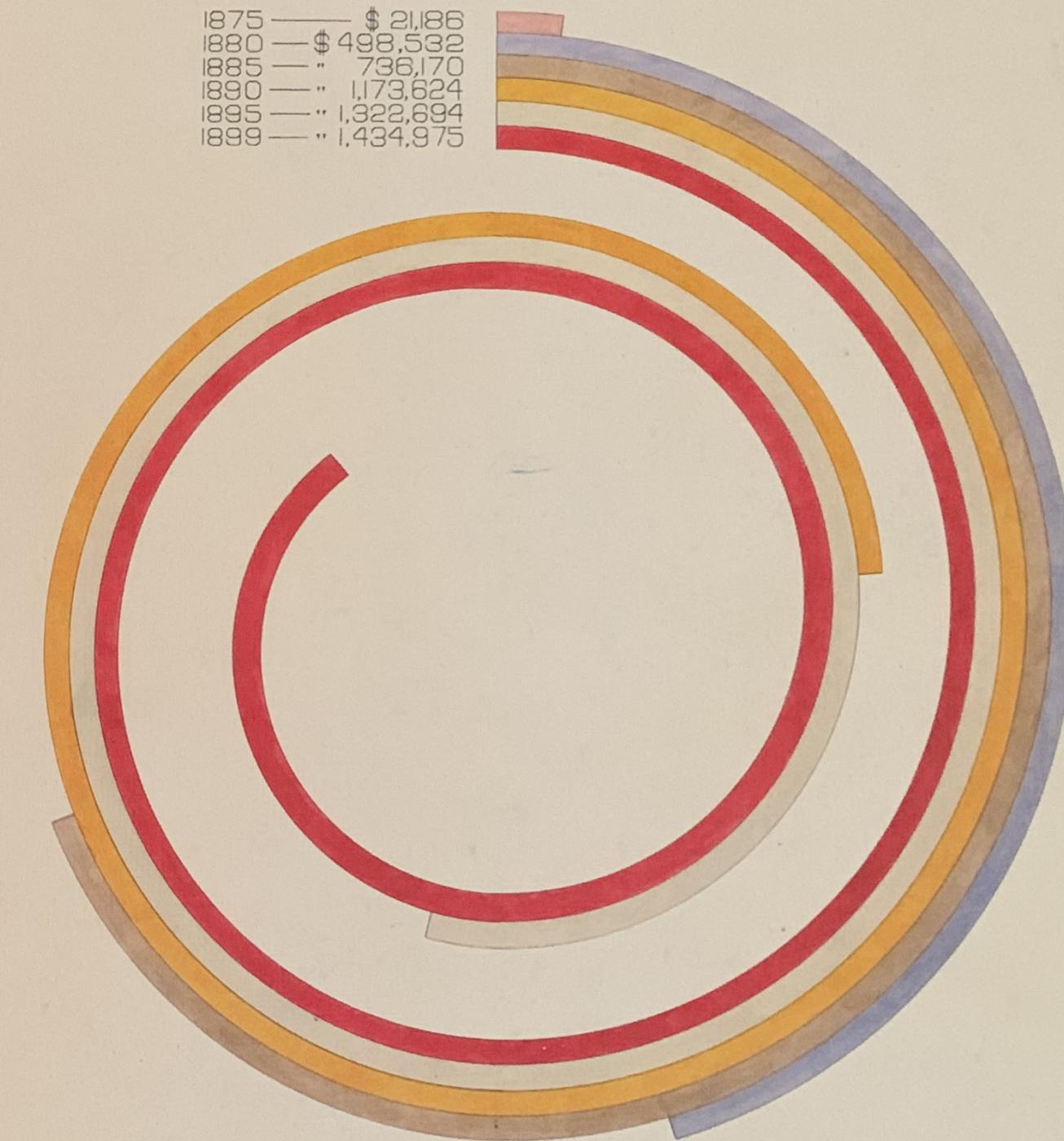
Charter

WILLIAM

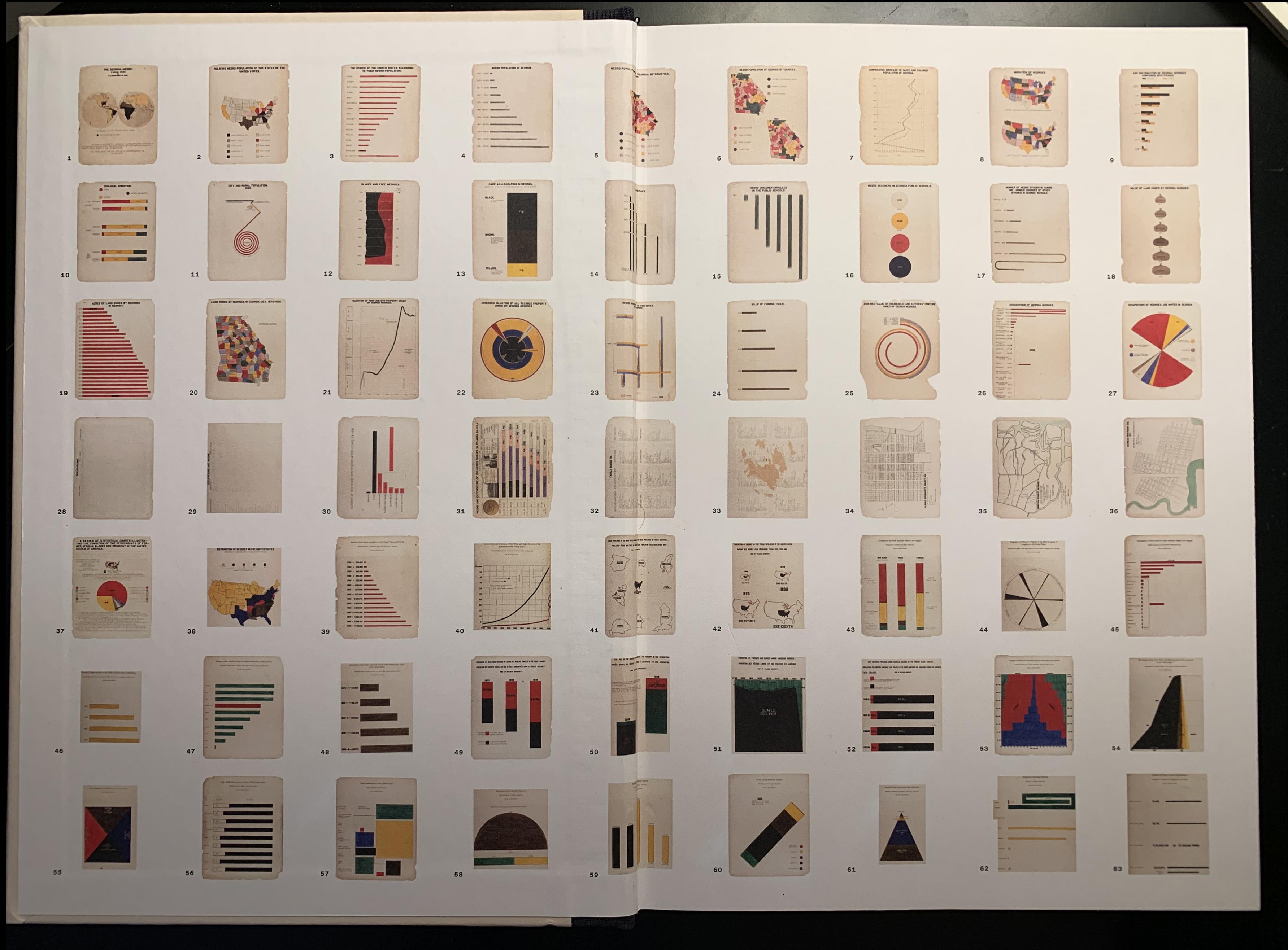
**W. E. B. Du Bois's Data Portraits**  
**Visualizing Black America**

THE COLOR LINE AT THE TURN OF THE TWENTIETH CENTURY

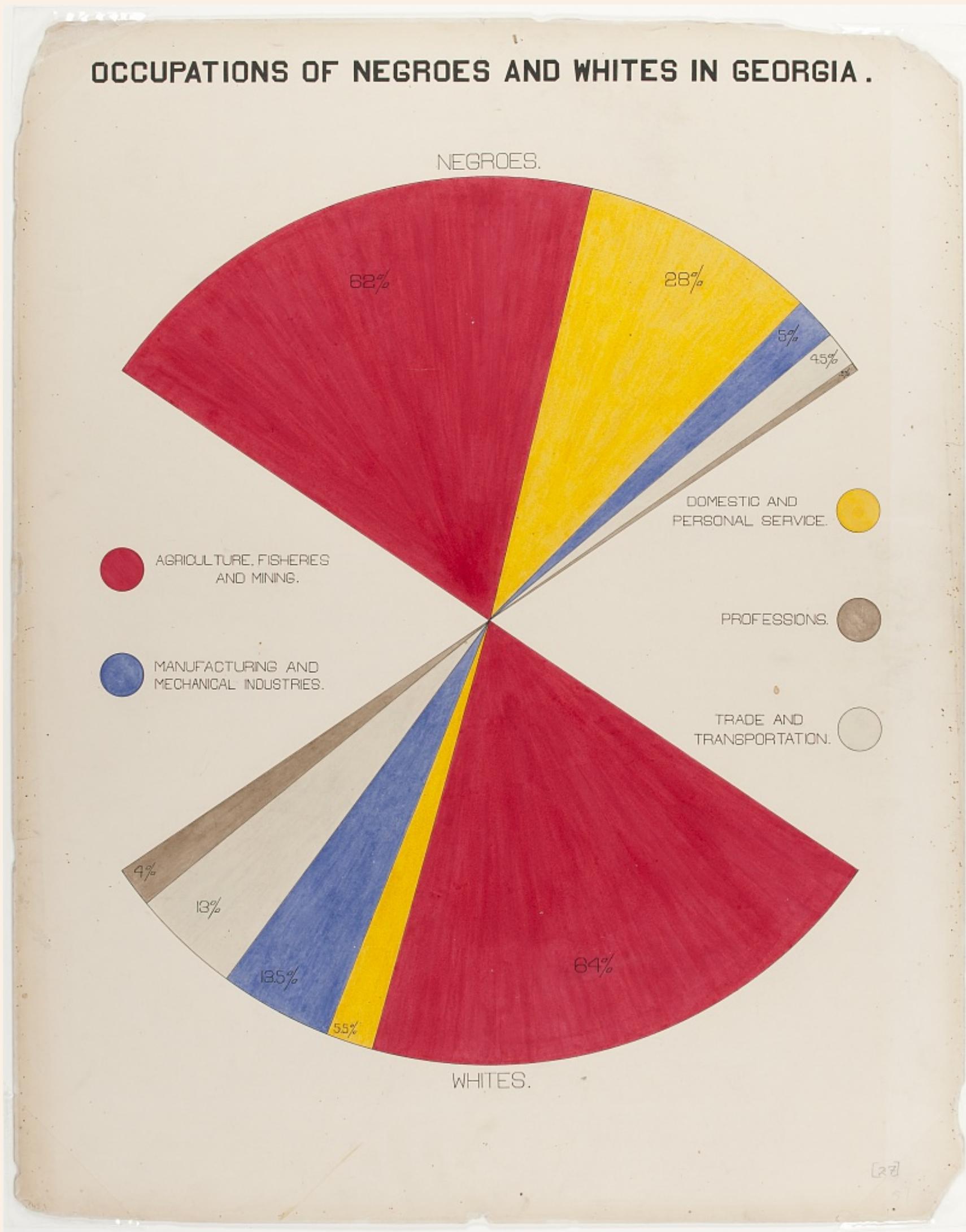
1875 — \$ 21,86  
1880 — \$ 498,582  
1885 — " 786,170  
1890 — " 1,173,624  
1895 — " 1,322,894  
1899 — " 1,434,975



WHITNEY BATTLE-BAPTISTE and BRITT RUSERT, editors

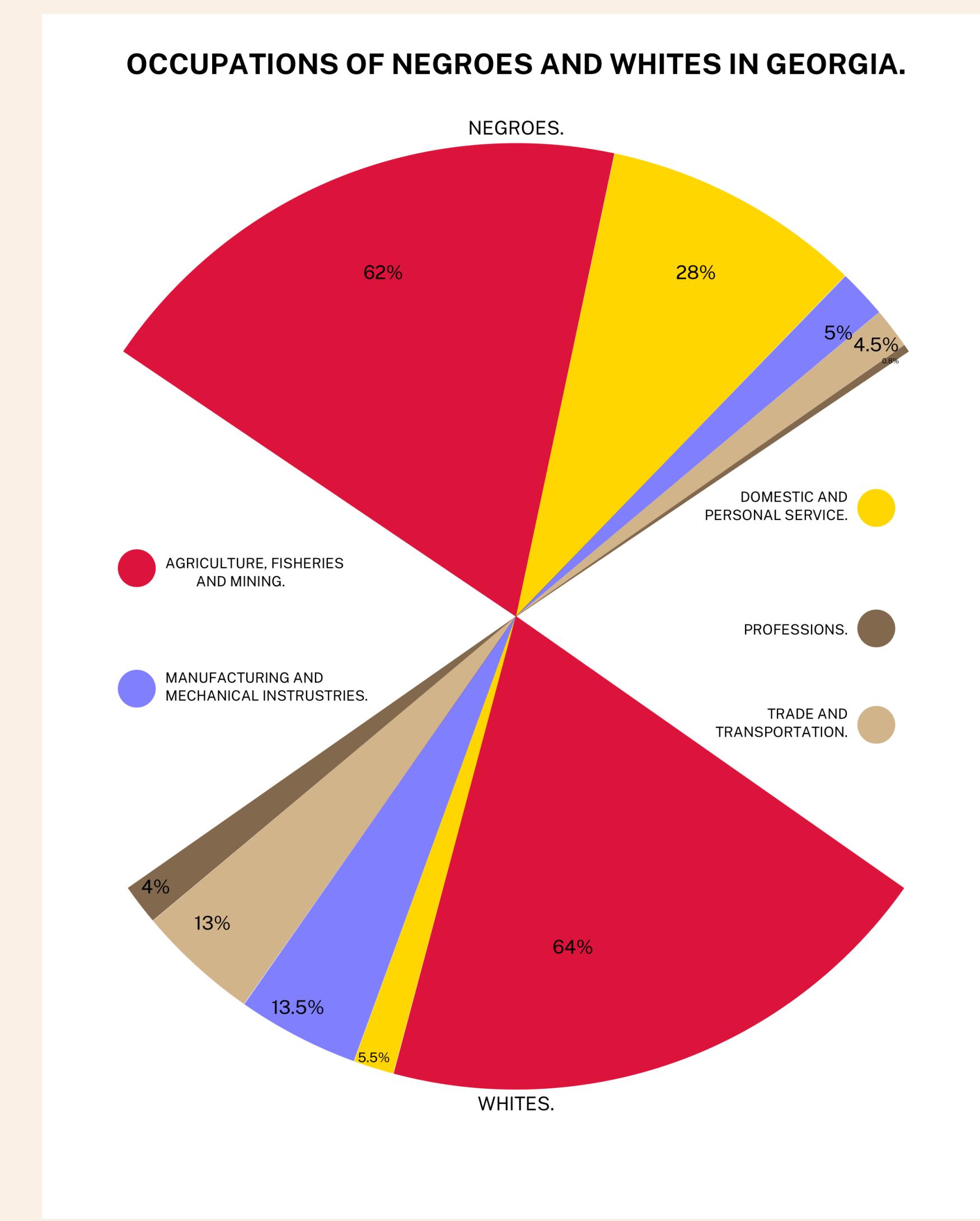


# Pen, Ink, Watercolor, Paper, Expos

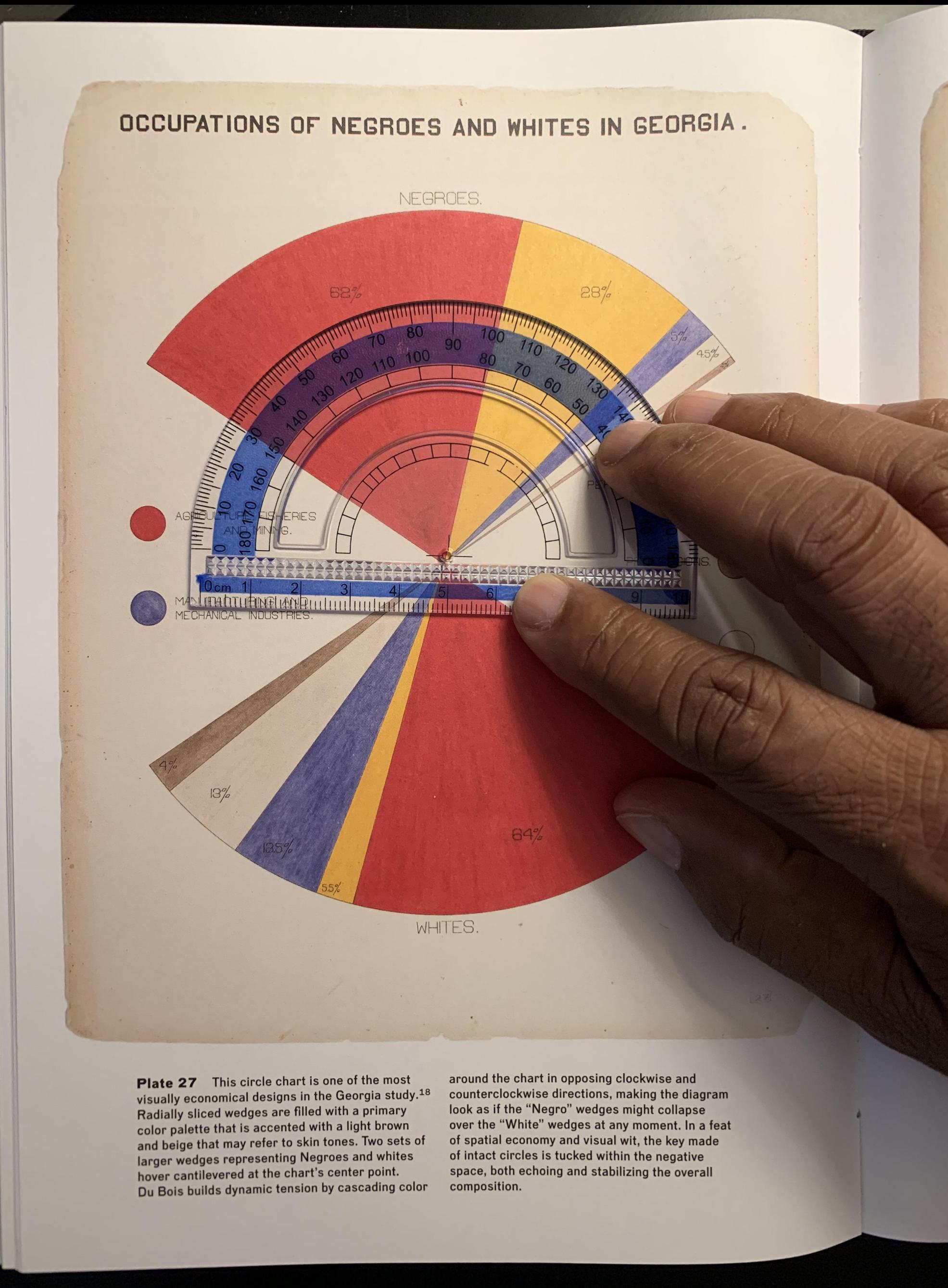
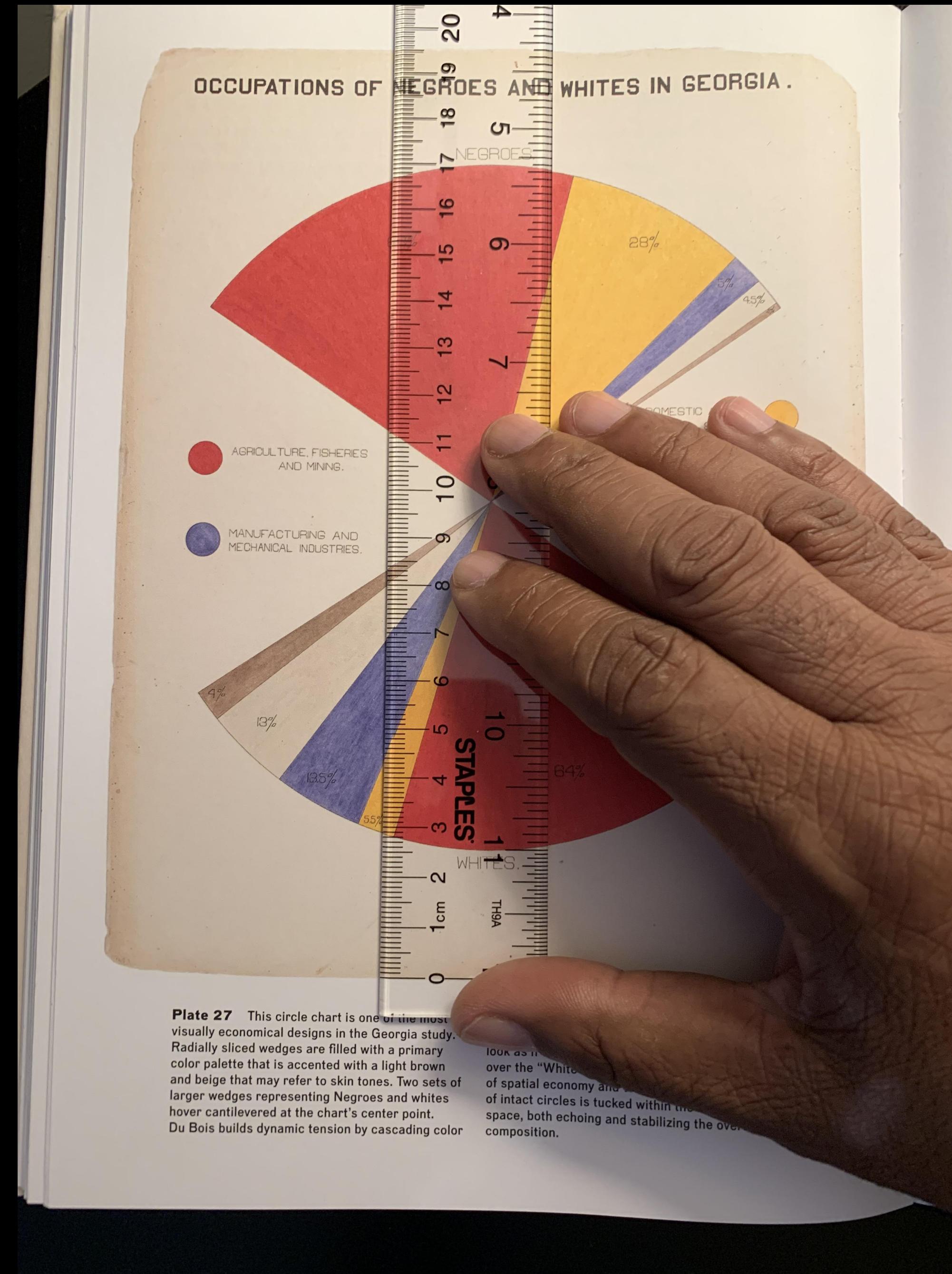


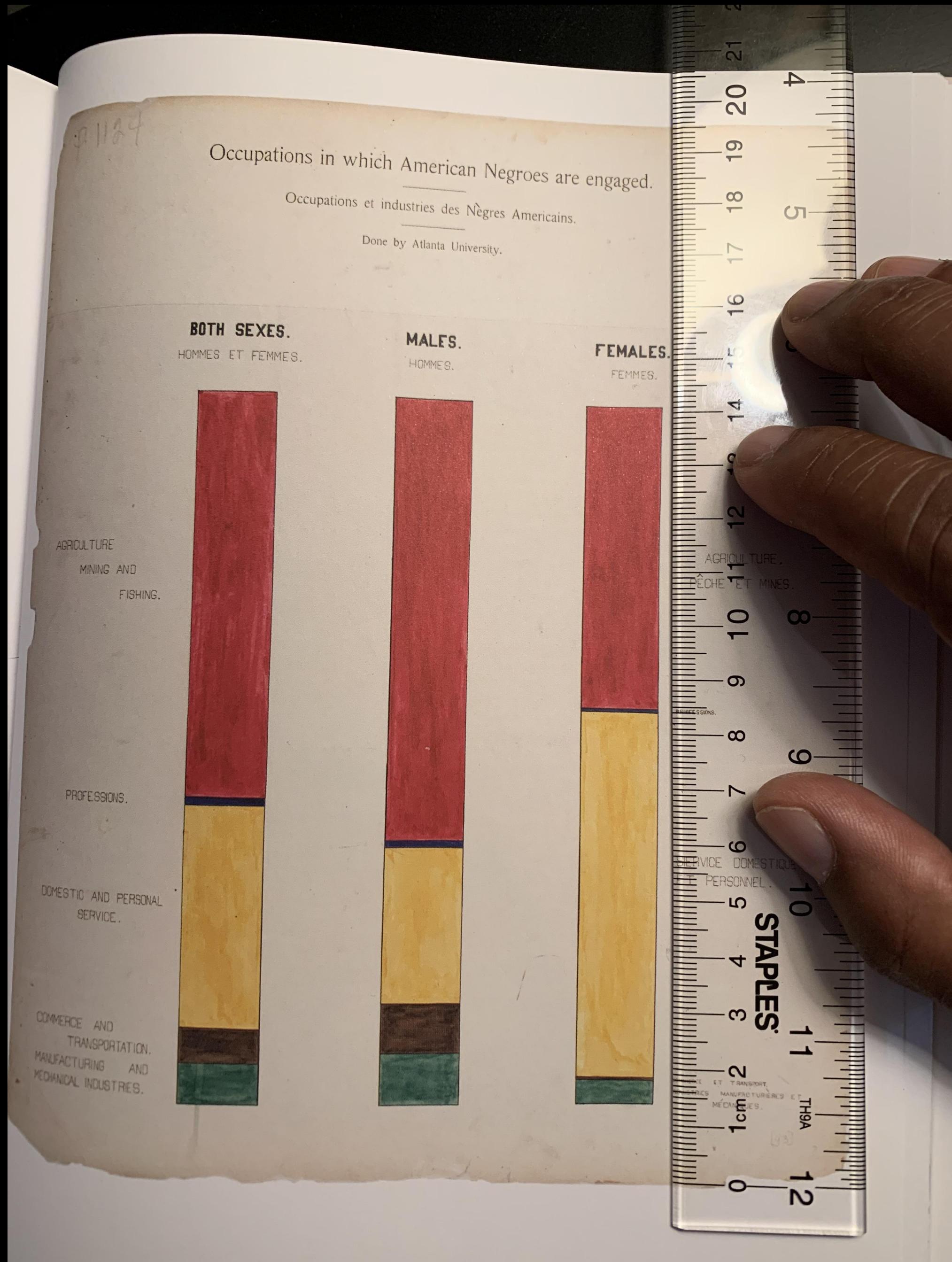
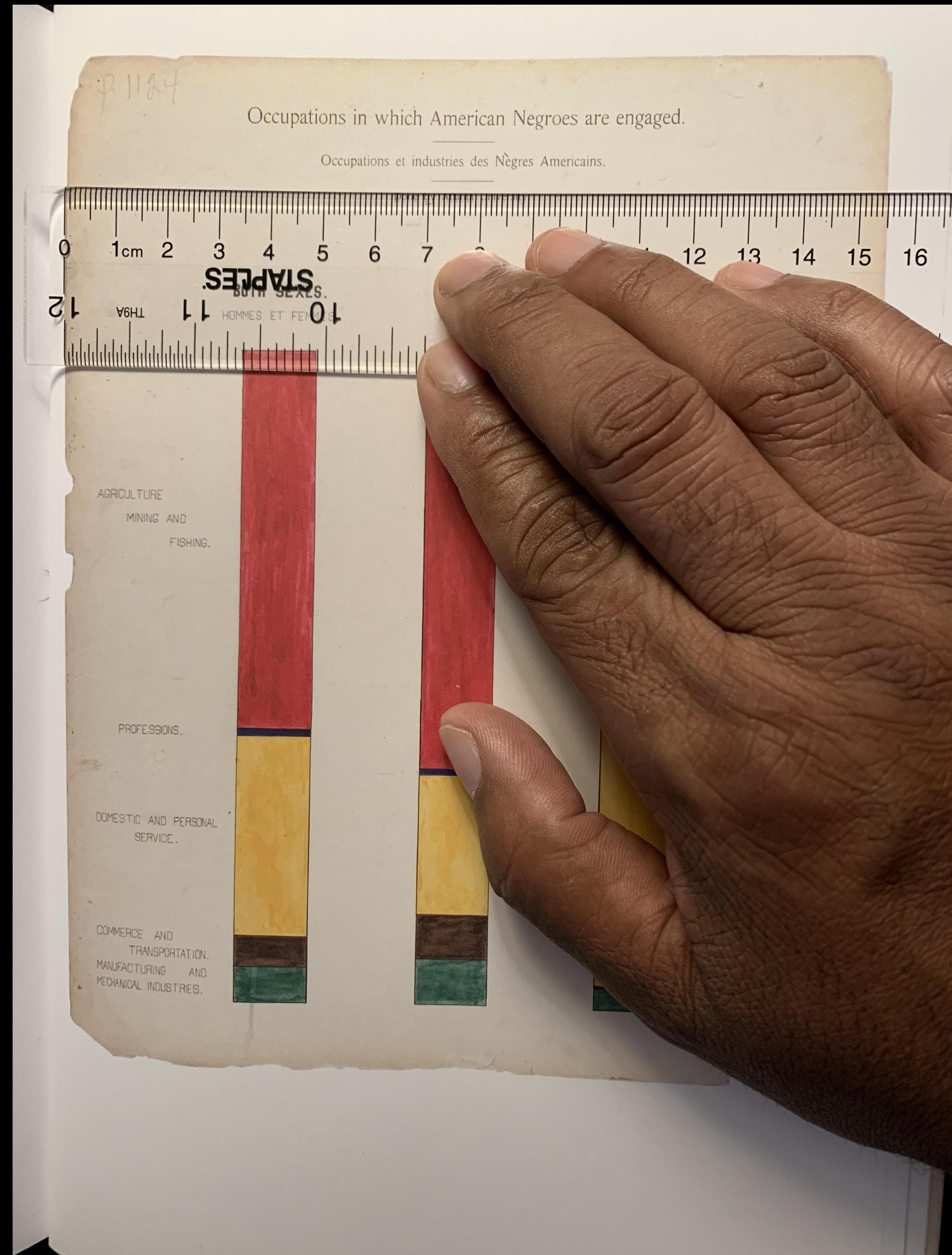
1900

# Scripting, Digital Fonts, PDF, Internet

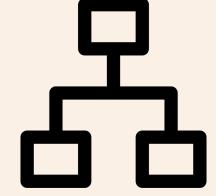


2019





# decksh

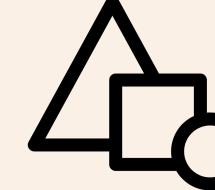
 **Structure**

 **Text**

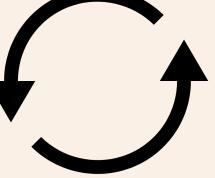
 **Lists**

 **Arrows**

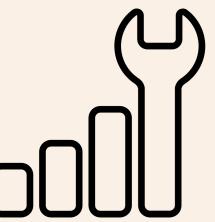
 **Images**

 **Graphics**

 **Charts**

 **Loops**

 **Data**

 **Utility**

# Percent Grid

90

80

70

60

50

40

30

20

10

10

20

30

40

50

60

70

80

90

occupation.dsh - Visual Studio Code

File Edit Selection View Go Run Terminal Help

deck

slide

```

asize=50
mx=50
my=50
subsize=2

ctext "OCCUPATIONS OF NEGROES AND WHITES IN GEORGIA." 50 95 3 "serif"
ctext "NEGROES." 50 90 subsize
ctext "WHITES." 50 9 subsize

// Negroes
arc mx my asize asize 78 146 asize "crimson"
arc mx my asize asize 46 78 asize "gold"
arc mx my asize asize 40 46 asize "blue" 50
arc mx my asize asize 35 40 asize "tan"
arc mx my asize asize 34 35 asize "rgb(101,67,33)" 80

// Whites
arc mx my asize asize 215 220 asize "rgb(101,67,33)" 80
arc mx my asize asize 220 235 asize "tan"
arc mx my asize asize 235 250 asize "blue" 50
arc mx my asize asize 250 255 asize "gold"
arc mx my asize asize 255 325 asize "crimson"

// Legends
cx1=10
cx2=88
cr=4

legsize=1.5
circle cx1 54 cr "crimson"
circle cx1 44 cr "blue" 50
cx1+=3
text "AGRICULTURE, FISHERIES" cx1 54 legsize
text "AND MINING." cx1 52.5 legsize

text "MANUFACTURING AND" cx1 44.5 legsize
text "MECHANICAL INDUSTRIES." cx1 43 legsize

circle cx2 59 cr "gold"
circle cx2 49 cr "rgb(101,67,33)" 80
circle cx2 41 cr "tan"

cx2=3
etext " DOMESTIC AND" cx2 59.5 legsize
etext "PERSONAL SERVICE." cx2 58 legsize

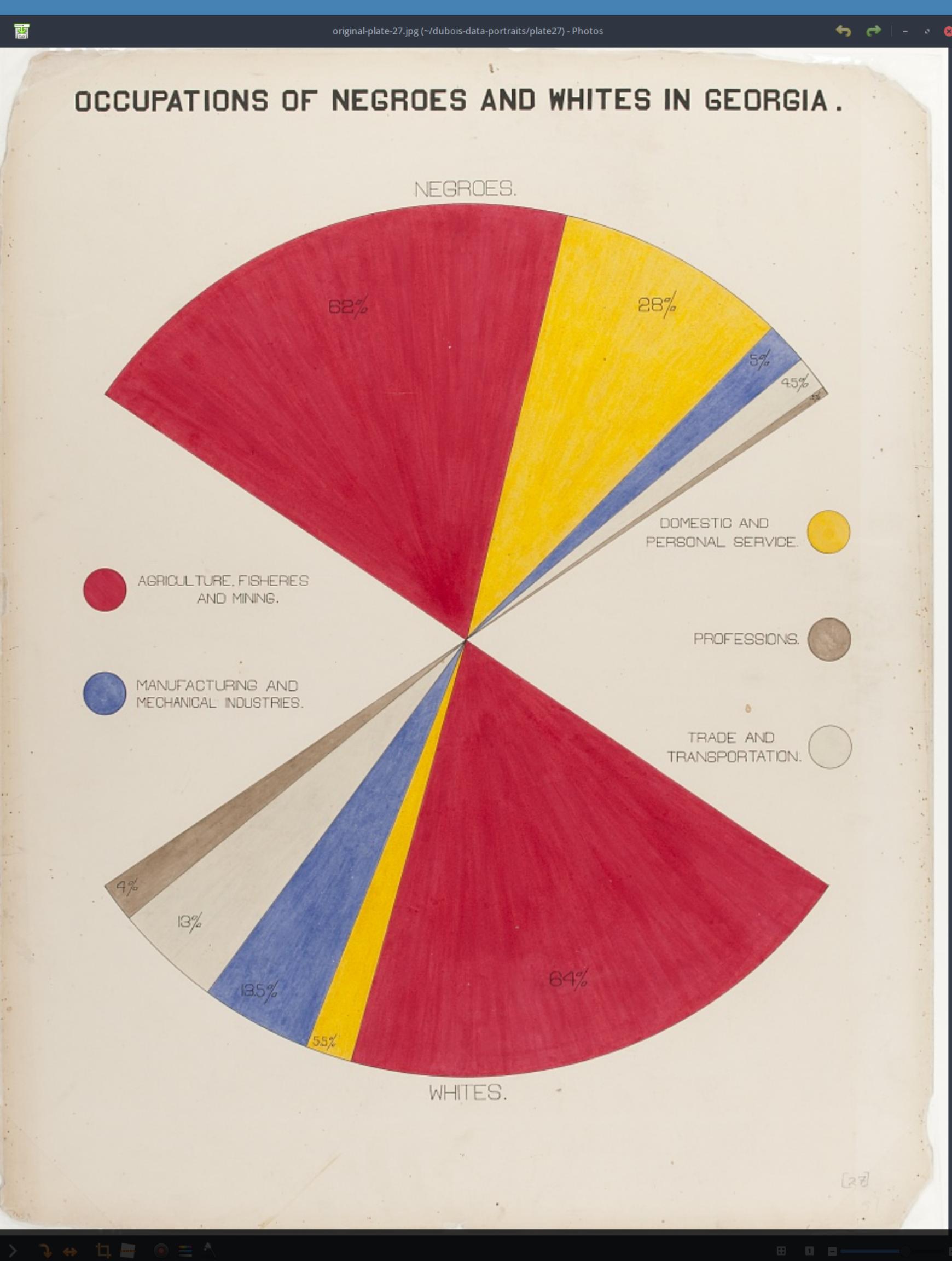
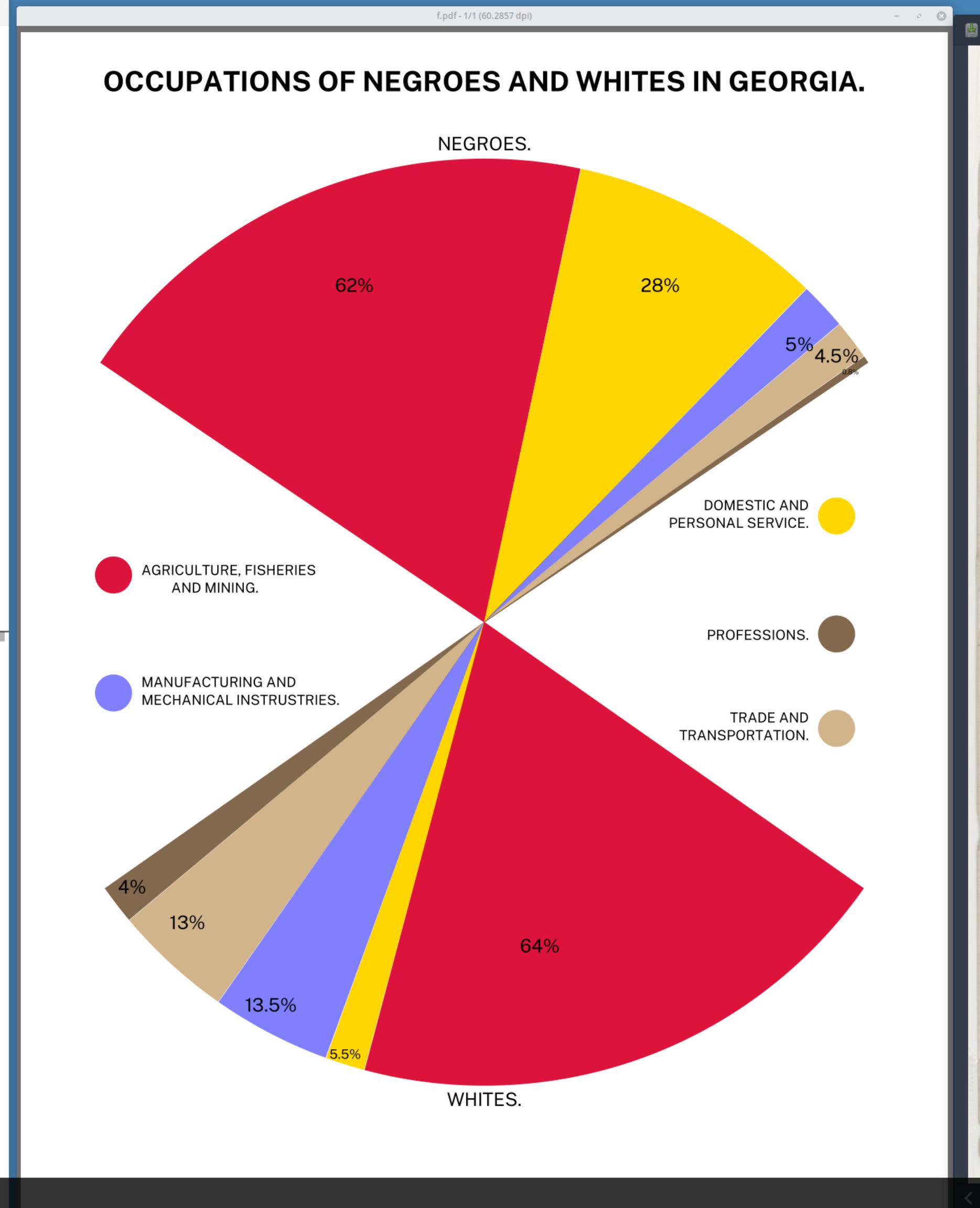
etext "PROFESSIONS." cx2 48.5 legsize

etext " TRADE AND" cx2 41.5 legsize
etext "TRANSPORTATION." cx2 40 legsize

ctext "62%" 36 78 subsize
ctext "28%" 69 78 subsize
ctext "5%" 84 73 subsize
ctext "4.5%" 88 72 subsize
ctext "0.8%" 89.5 71 0.75
ctext "64%" 56 22 subsize
ctext "5.5%" 35 13 1.4
ctext "13.5%" 27 17 subsize
ctext "13%" 18 24 subsize
ctext "4%" 12 27 subsize

eslide
edeck

```



Code

Output

Reference

# INCOME AND EXPENDITURE OF 150 NEGRO FAMILIES IN ATLANTA, GA., U.S.A.

## ANNUAL EXPENDITURE FOR

### ANNUAL INCOME



### RENT



### FOOD

DIETARY OF WELL-TO-DO  
NEGRO FAMILY  
FROM BULLETIN  
U.S. DEPARTMENT  
OF AGRICULTURE  
NO. 71

### CLOTHES



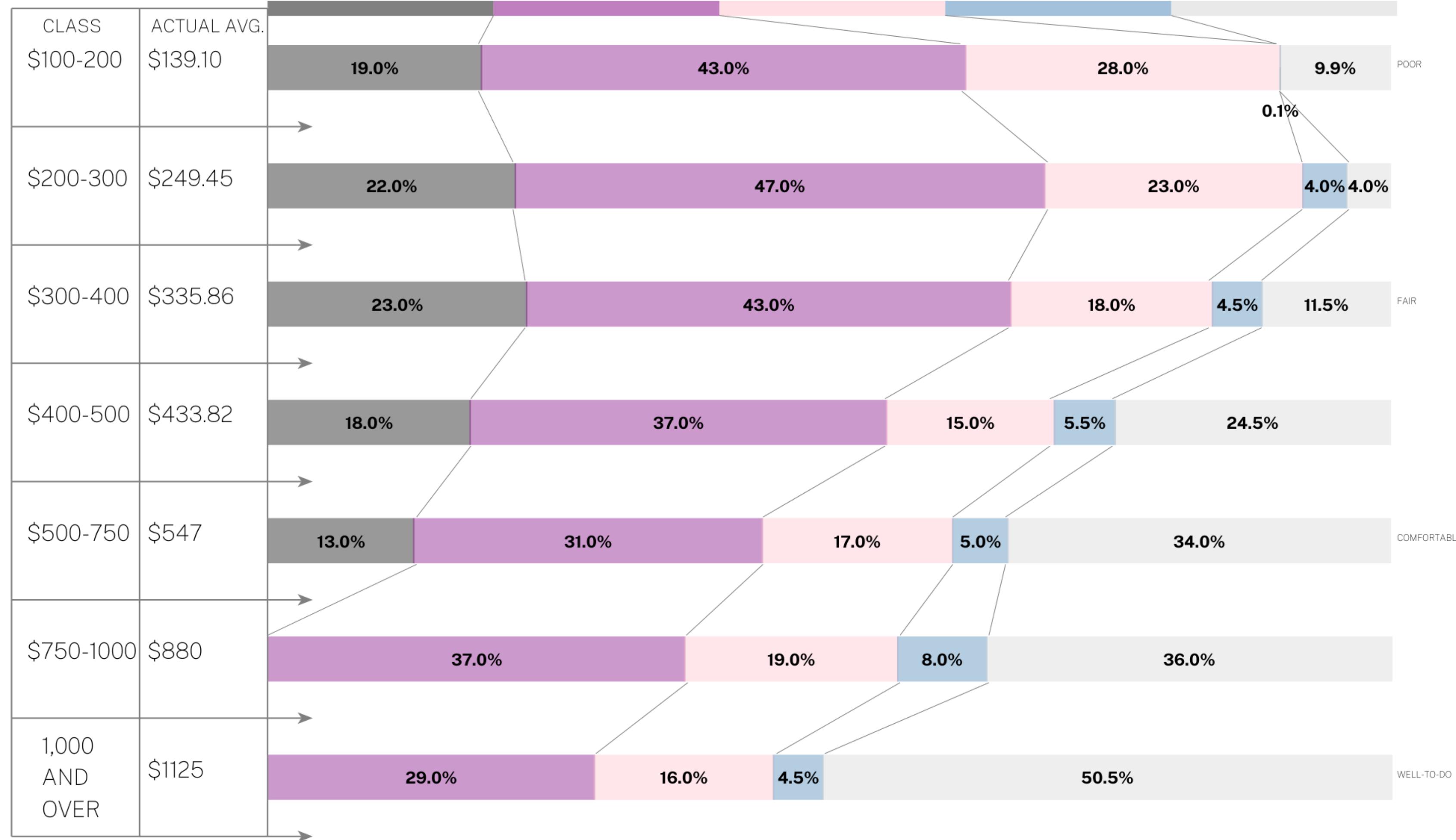
### DIRECT TAXES

THE STATE TAX RATE IS:  
1880 - \$3.50 PER 1,000  
1885 - \$3.50 " "  
1890 - \$3.96 " "  
1895 - \$4.56 " "  
1899 - \$5.38 " "

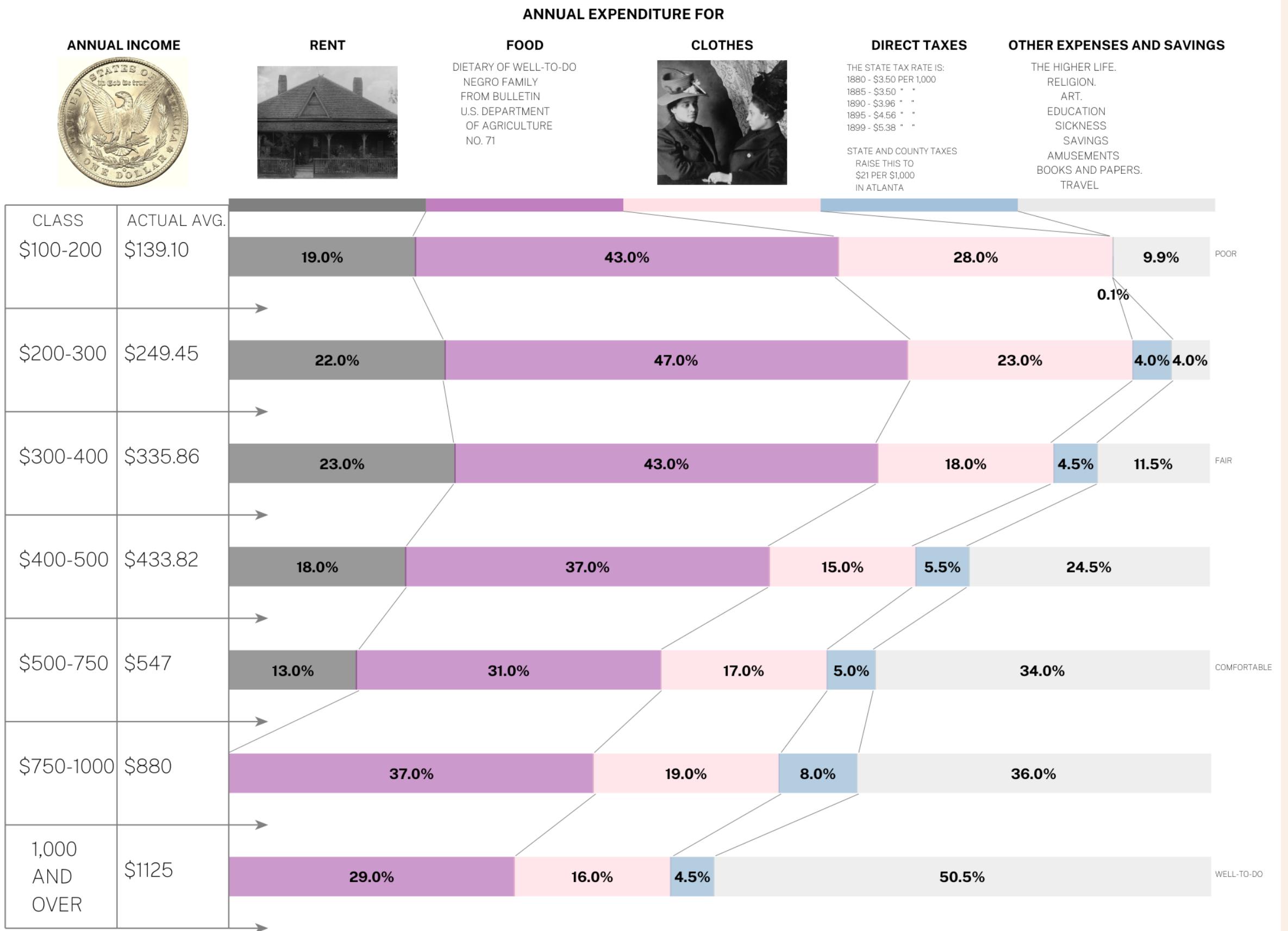
STATE AND COUNTY TAXES  
RAISE THIS TO  
\$21 PER \$1,000  
IN ATLANTA

### OTHER EXPENSES AND SAVINGS

THE HIGHER LIFE.  
RELIGION.  
ART.  
EDUCATION  
SICKNESS  
SAVINGS  
AMUSEMENTS  
BOOKS AND PAPERS.  
TRAVEL



## INCOME AND EXPENDITURE OF 150 NEGRO FAMILIES IN ATLANTA, GA., U.S.A.



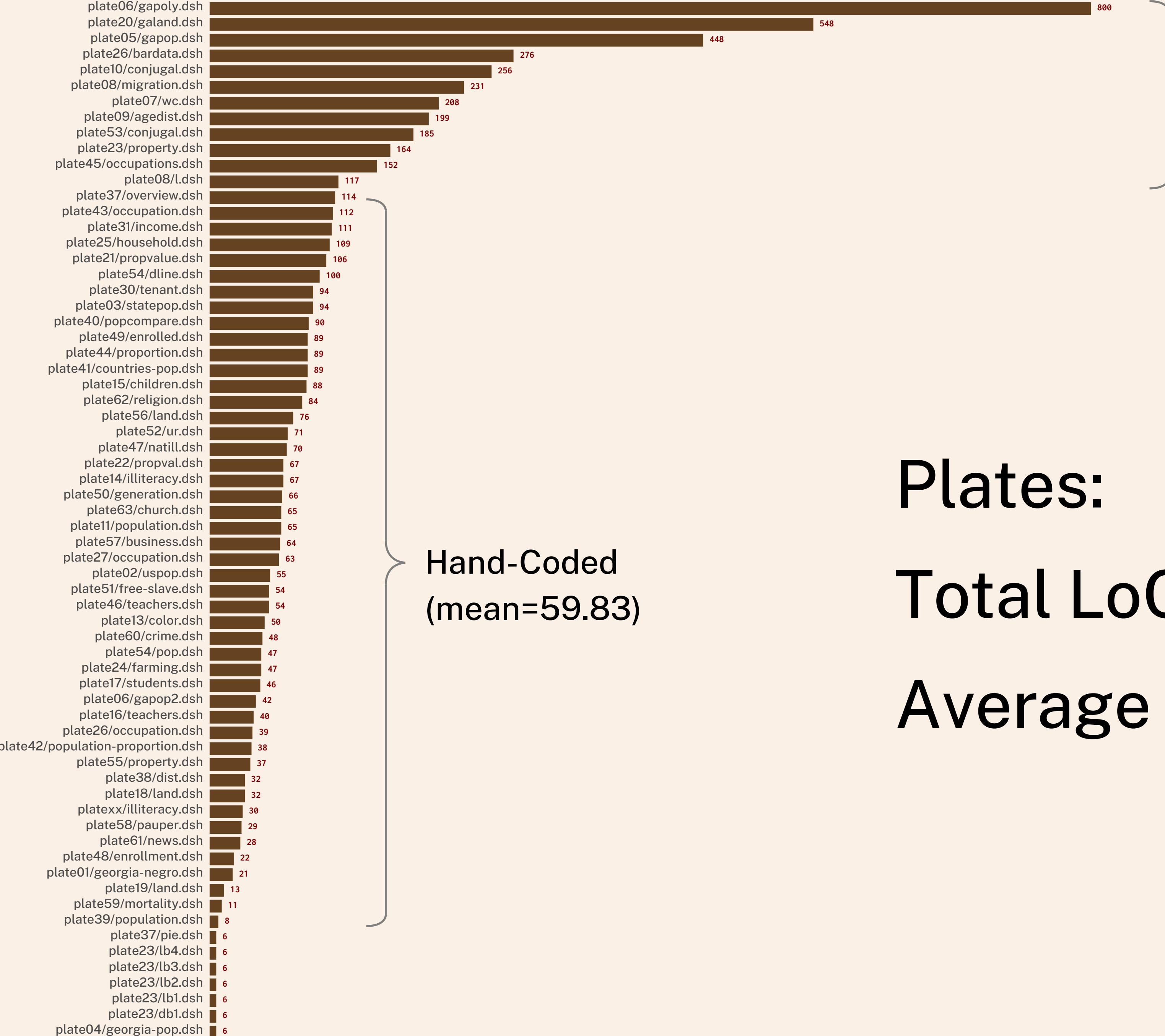
Title

Categories

Income

Charts

Lines of decksh code



Machine-Generated  
(mean=298.67)

Plates: 57  
Total LoC: 6,492  
Average LoC: 98.37

# Code Management and Automation

## Directory

```
dubois-data-stories  
  data-portraits.pdf  
  mkdeck-all  
  
plate01  
  f.pdf  
  f1.png  
  original-plate01.jpg  
  georgia-negro.dsh  
  mkdeck  
  mkdeck-png  
  
...  
  
plate02  
  data.csv  
  
...  
  
plate63
```

## Scripting

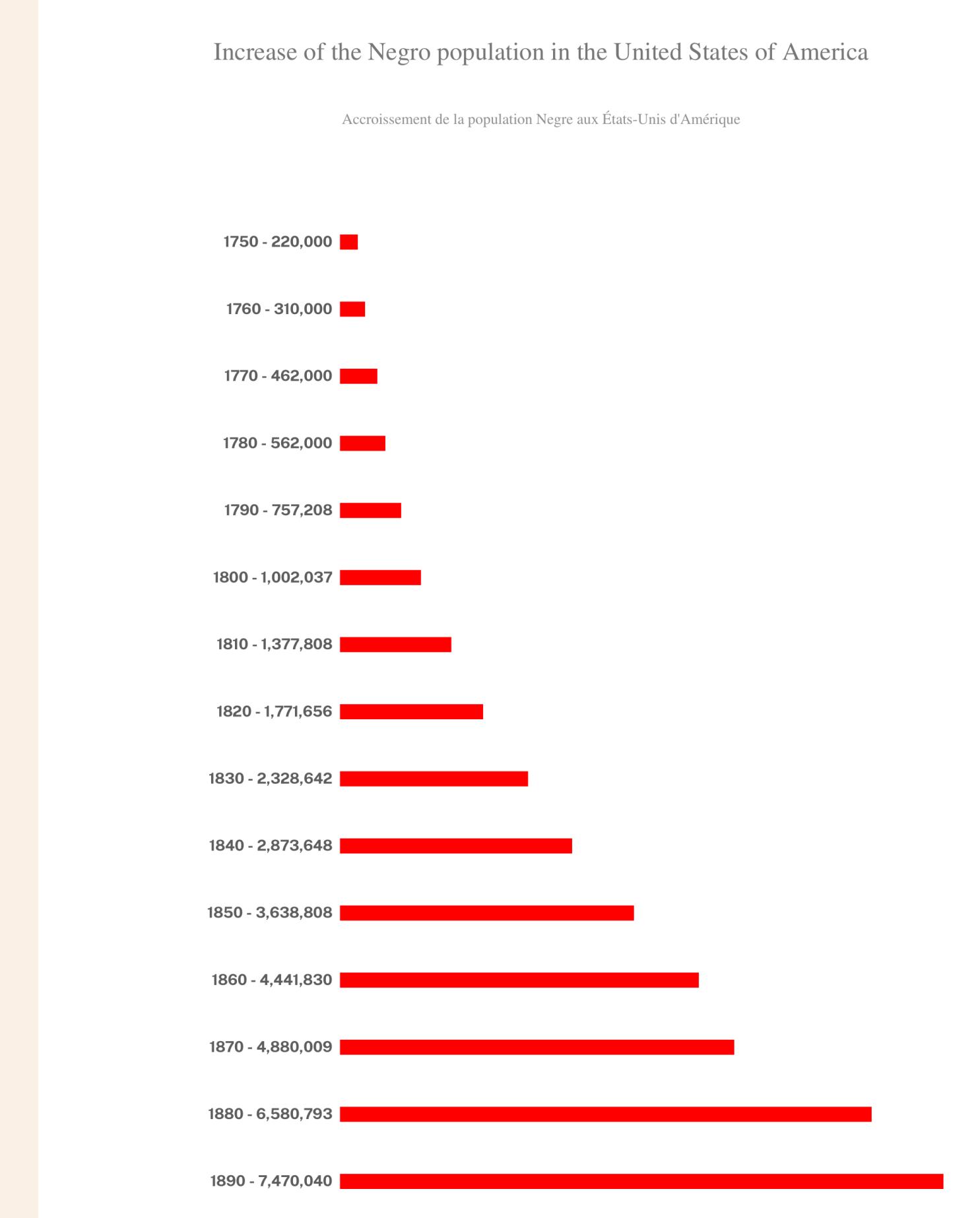
```
./mkdeck      # make the page  
./mkdeck-png # make image  
./mkdeck-all # make all pages
```

## Source Control

```
git add ...  
git commit -m 'Add plate 23'  
git push origin master
```

# Examples

1750 - 220,000	220000
1760 - 310,000	310000
1770 - 462,000	462000
1780 - 562,000	562000
1790 - 757,208	757208
1800 - 1,002,037	1002037
1810 - 1,377,808	1377808
1820 - 1,771,656	1771656
1830 - 2,328,642	2328642
1840 - 2,873,648	2873648
1850 - 3,638,808	3638808
1860 - 4,441,830	4441830
1870 - 4,880,009	4880009
1880 - 6,580,793	6580793
1890 - 7,470,040	7470040



// Plate 39, Increase of the Negro population  
deck

```
opts="-fulldeck=f -hbar -color red -val=f -ls 3.5"
slide
  ctext "Increase of the Negro population in the United States of America" 50 95 2.5 "serif" "rgb(100,100,100)"
  ctext "Accroissement de la population Negre aux États-Unis d'Amérique" 50 90 1.5 "serif" "gray"
  dchart opts pop.d
eslide
edeck
```

deck

slide

h1=3

h2=h1\*0.70

h3=h1\*0.5

// Top matter

```
ctext "Pauperism among American Negroes."      50 97 h1 "serif"
ctext "Pauperisme parmi les Nègres Americains" 50 92 h2 "serif"
ctext "Done by Atlanta University"              50 87 h3 "serif"
ctext "PROPORTION OF ALMSHOUSE PAUPERS IN EVERY 100,000 NEGROES." 50 75 h2
hline 40 90 20 0.075
hline 40 85 20 0.075
```

// Population and Paupers

```
ctext "100,000" 50 70 h2
arc 50 30 50 50 0 180 50 "rgb(101,67,33)"
arc 50 30 1.5 1.5 0 180 2 "crimson"
ctext "86"      50 28 h2
ctext "PAUPERS" 50 26 h2
```

```
ctext "MALE"    25 19 h2
hline 0 15 55 8 "green"
```

```
ctext "FEMALE"  75 19 h2
hline 55 15 45 8 "gold"
```

ubrace 50 25 50 2 2

eslide

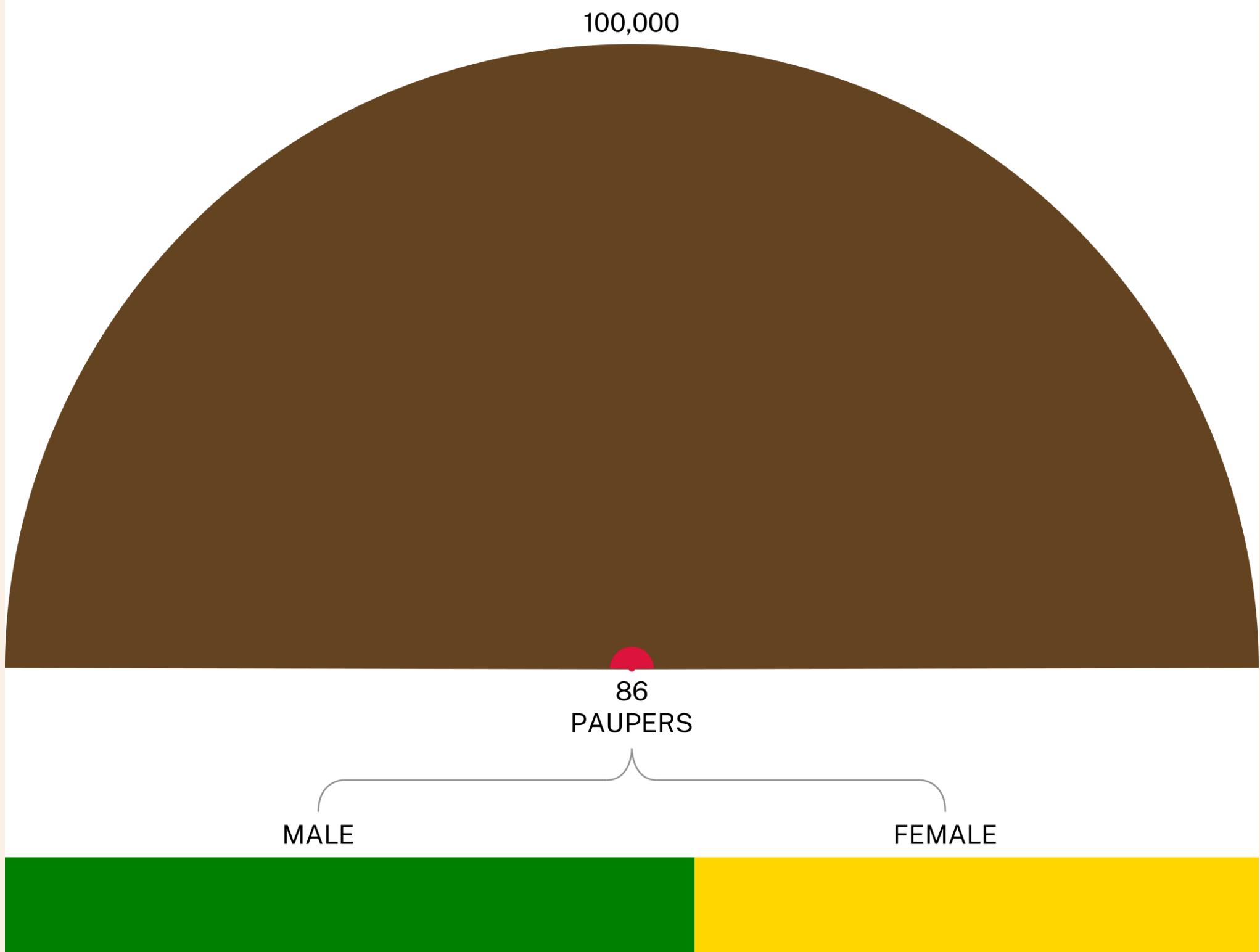
edeck

Pauperism among American Negroes.

Pauperisme parmi les Nègres Americains

Done by Atlanta University

PROPORTION OF ALMSHOUSE PAUPERS IN EVERY 100,000 NEGROES.



```

barwidth=30
freecolor="darkgreen"
slavecolor="black"
peasantcolor="maroon"
tenantcolor=freecolor

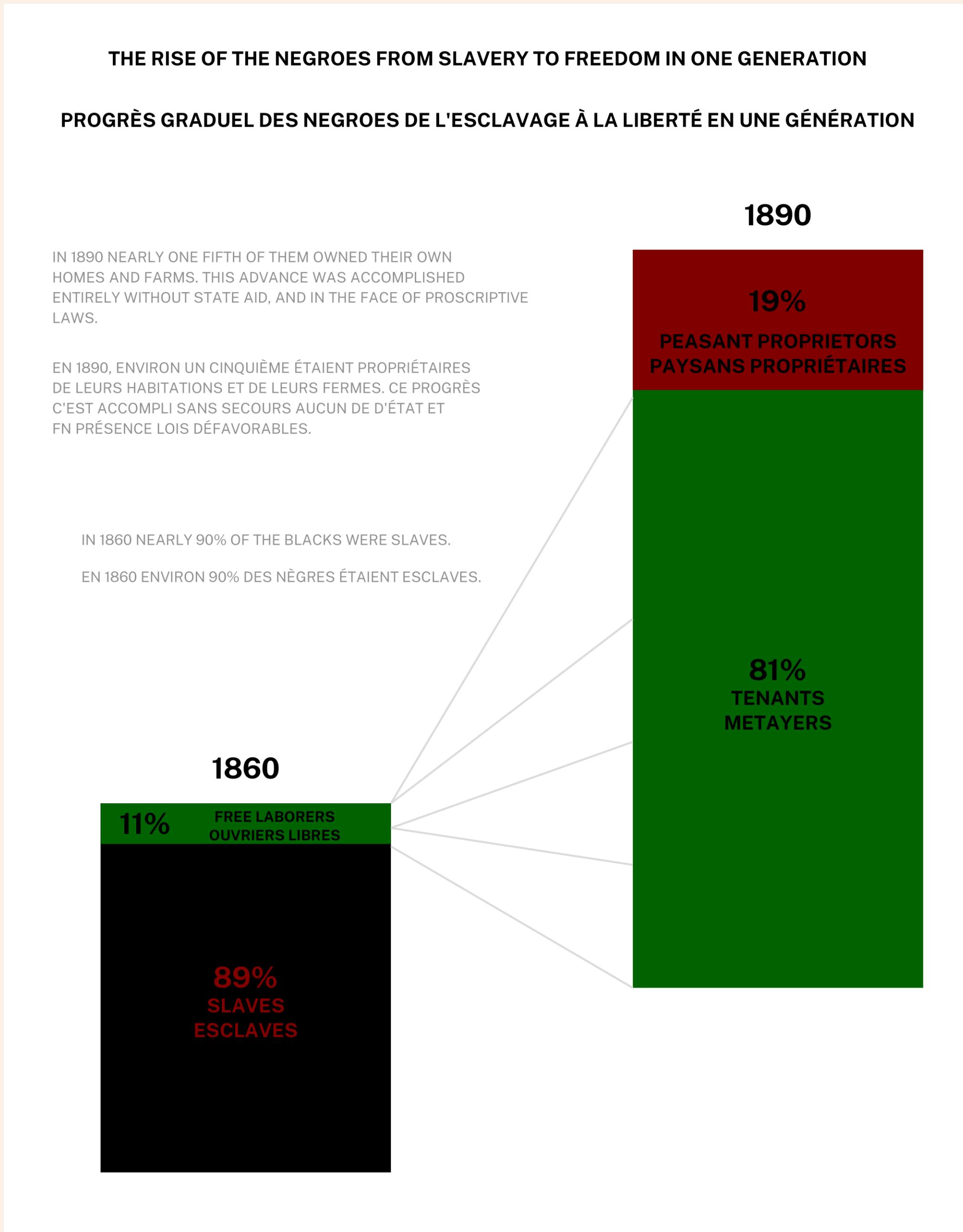
// left-hand bar
left1=25
bot1=5
h1=30
top1=bot1+h1
len1=top1-bot1
slave1=len1*0.89
free=len1*0.11
f1=bot1+slave1

// right-hand bar
left2=80
bot2=20
h2=60
top2=bot2+h2
len2=top2-bot2
prop=len2*0.19
p1=top2-prop

vline left1 bot1 len1 barwidth slavecolor
vline left1 f1   free barwidth freecolor

vline left2 bot2 len2 barwidth freecolor
vline left2 p1   prop barwidth peasantcolor

```



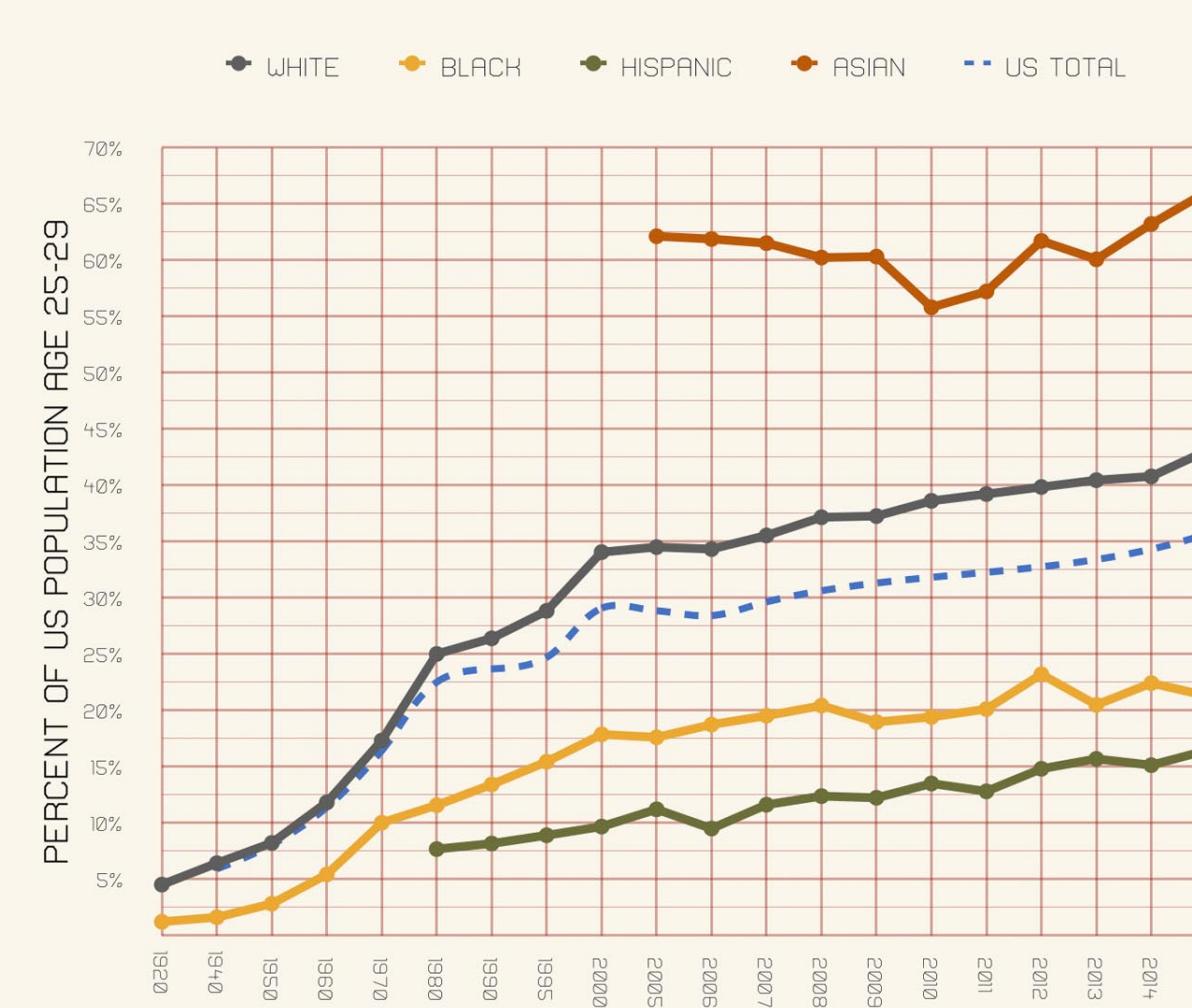
# Modern Data

# Student Debt and Racial Disparities

VizE Lab at Princeton

## ACCESS TO HIGHER EDUCATION IN THE UNITED STATES.

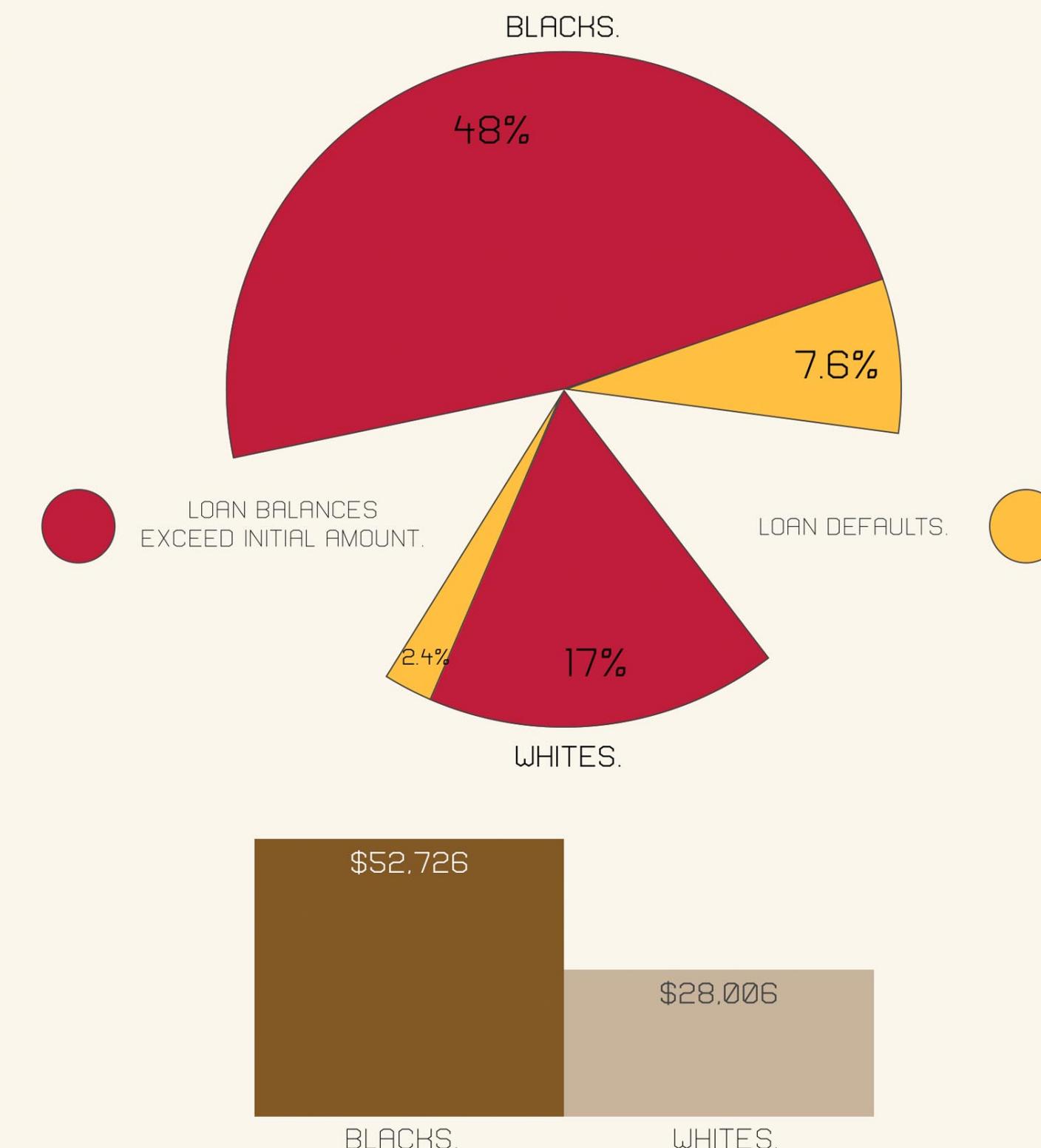
ATTAINMENT OF BA DEGREE OR HIGHER



SOURCE: National Center for Educational Statistics ([nces.ed.gov](http://nces.ed.gov)).  
NOTES: Includes people of Hispanic ethnicity for years prior to 1980. Data for years prior to 1993 are for persons with 4 or more years of college. Estimates for 1940 are based on Census Bureau reverse projection of 1940 census data on education by age.

## AVERAGE STUDENT DEBT AND DEFAULTS FOUR YEARS AFTER GRADUATION.

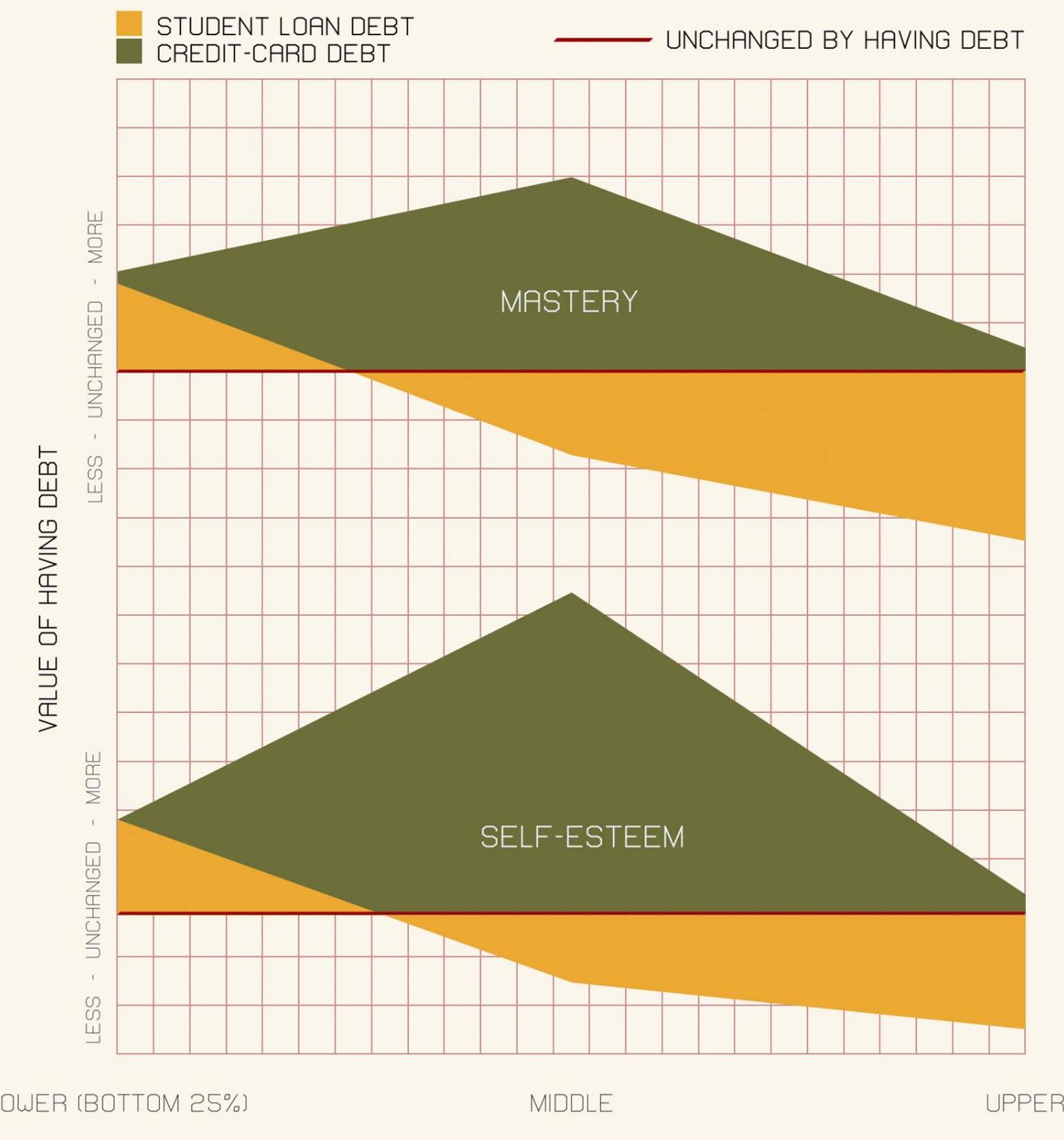
2008 COHORT



**Adapted from:** Judith Scott-Clayton and Jing Li. 2016. "Black-White Disparity in Student Loan Debt More Than Triples After Graduation." Evidence Speaks Reports. Brookings Institution.

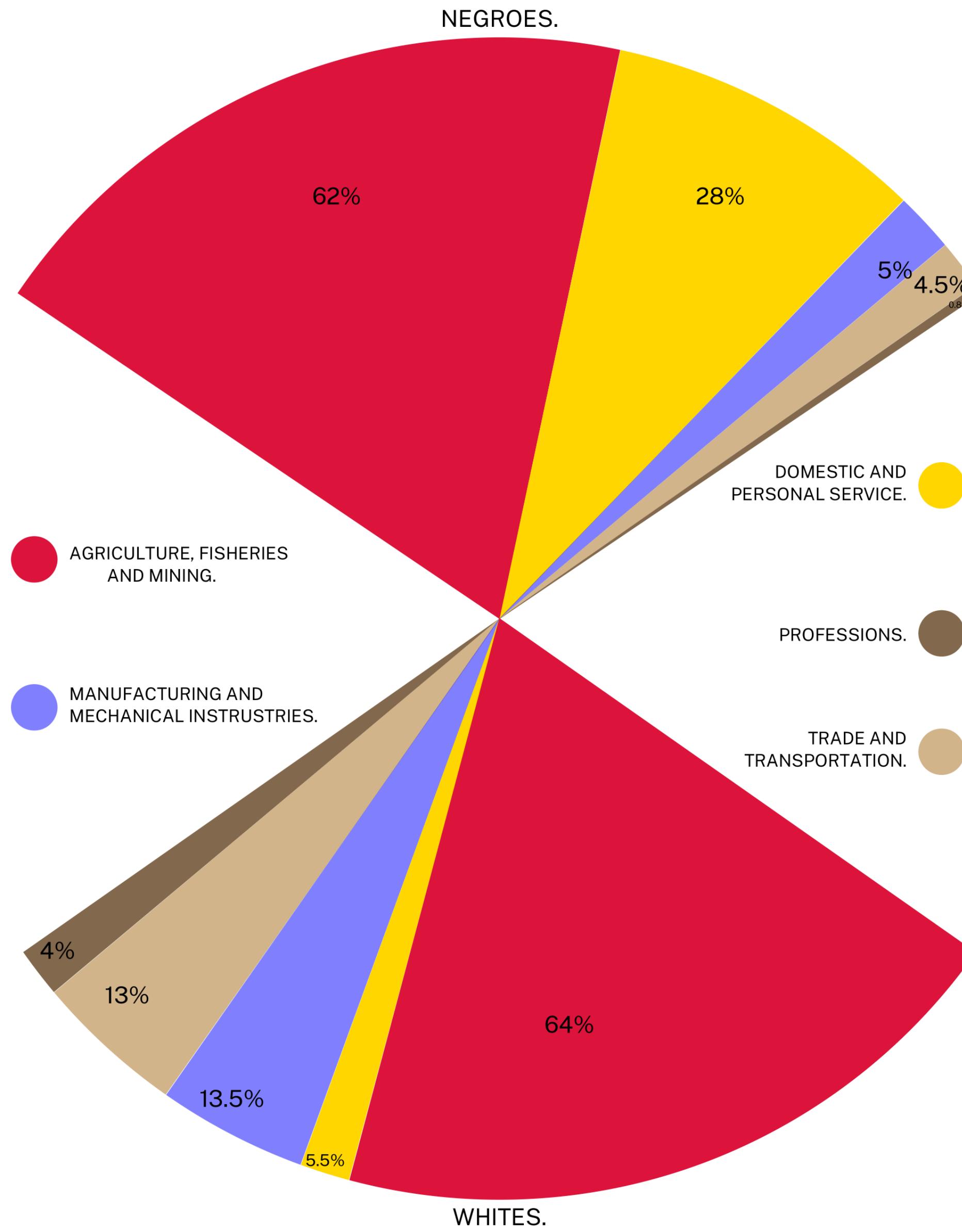
## DEBT AND SELF-CONCEPT.

3,079 YOUNG ADULTS WITH COLLEGE EXPERIENCE  
AGES 18-34 (MEDIAN AGE = 22)

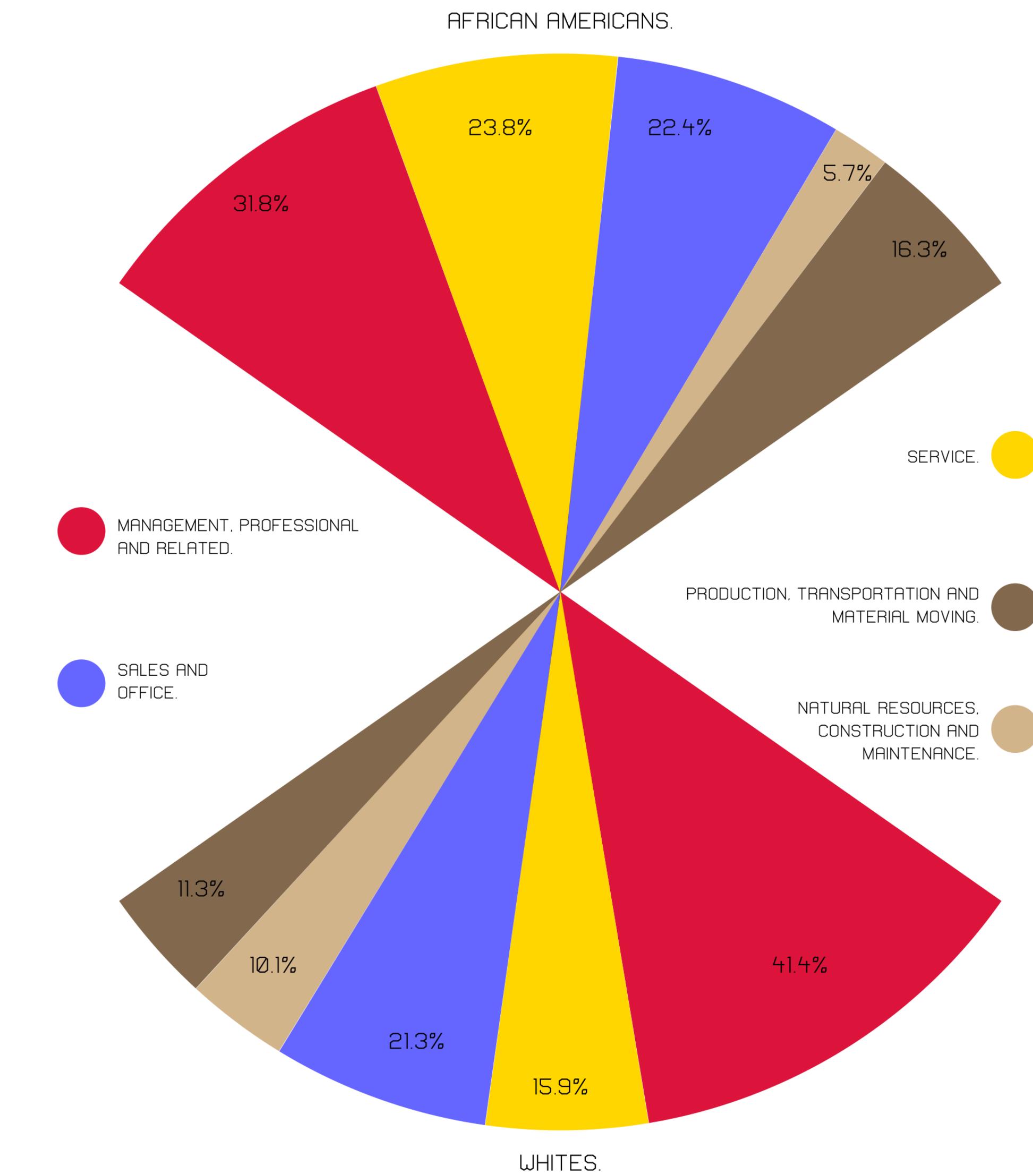


**Adapted from:** Rachel E. Dwyer, Laura McCloud, and Randy Hodgson. 2011. "Youth Debt, Mastery, and Self-Esteem: Class-Stratified Effects of Indebtedness on Self-Concept." Social Science Research 40: 727-741.

## OCCUPATIONS OF NEGROES AND WHITES IN GEORGIA.

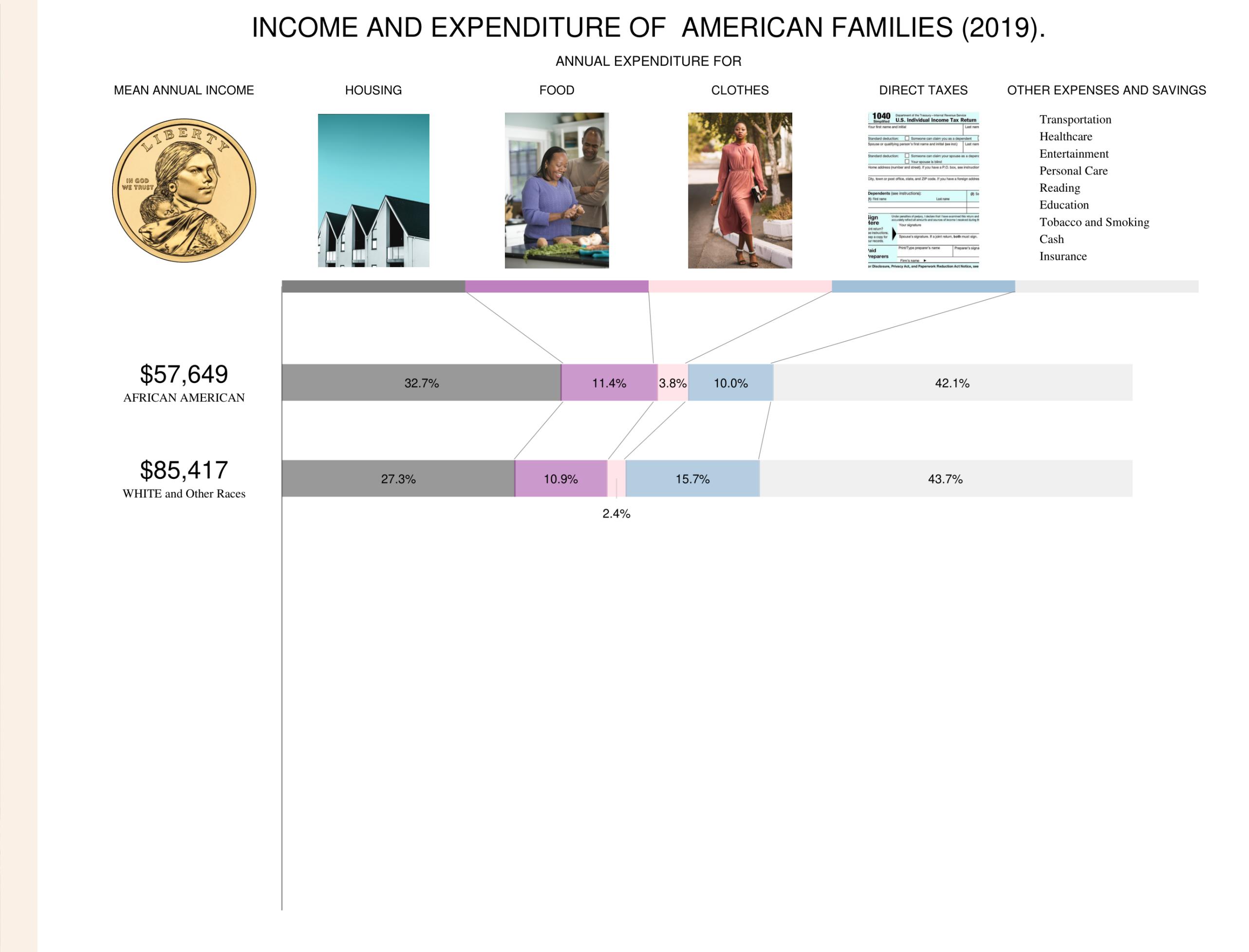
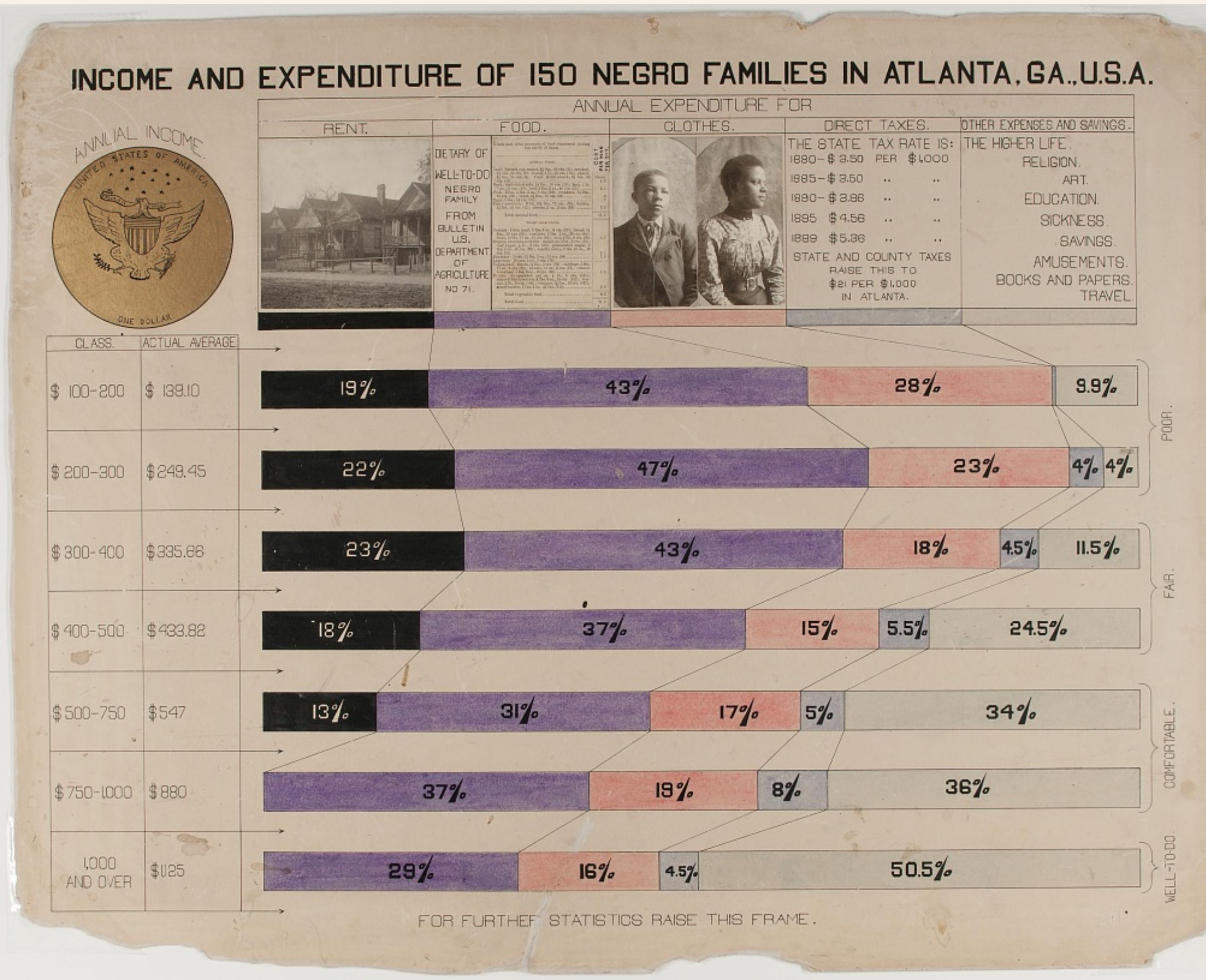


## OCCUPATIONS OF AFRICAN AMERICANS AND WHITES IN THE USA (2019).



SOURCE: US BUREAU OF LABOR STATISTICS, LABOR FORCE STATISTICS FROM THE CURRENT POPULATION SURVEY

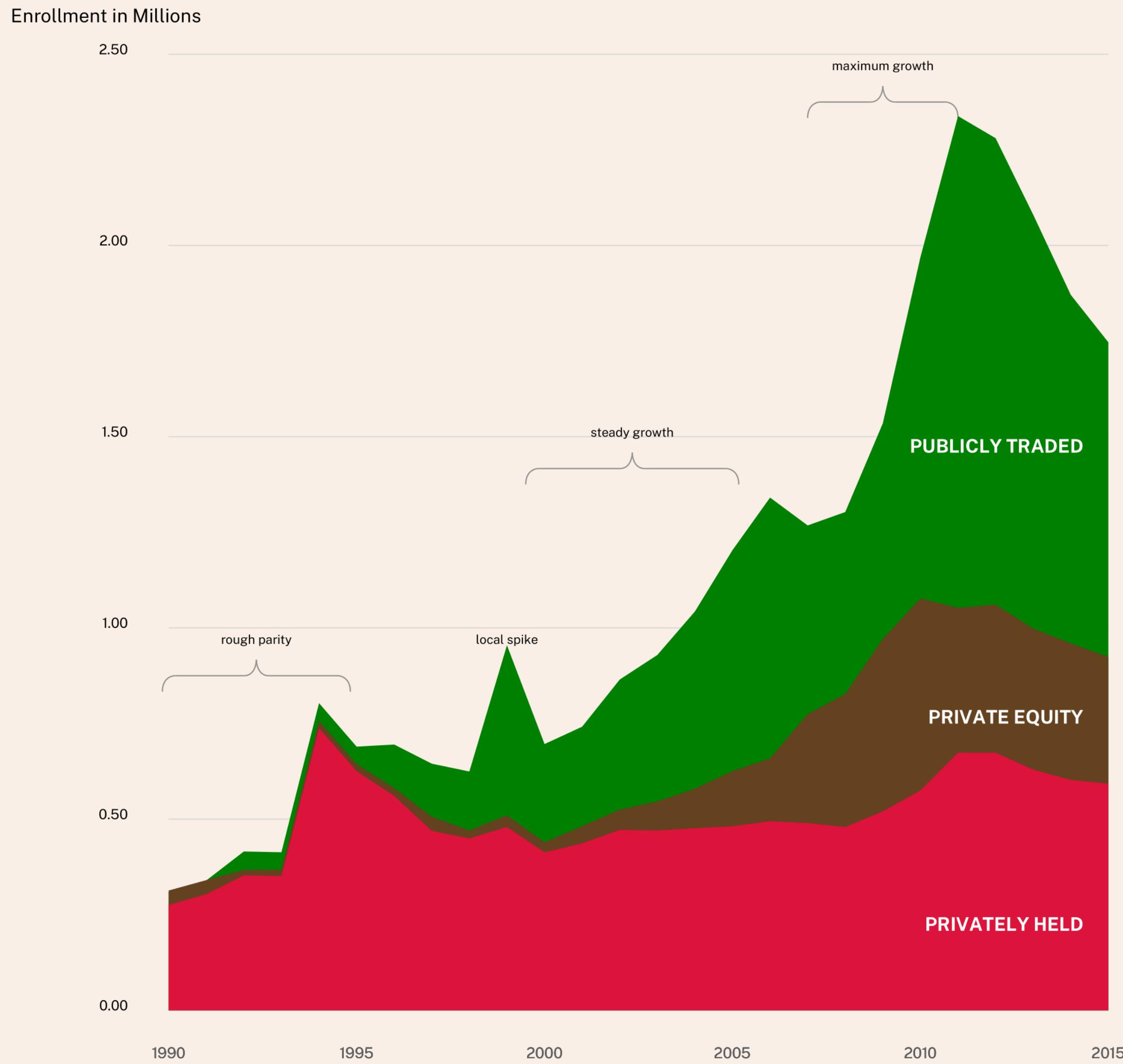
# Original and Modern: Expenditures



# Data from the Social Sciences

## FOR-PROFIT ENROLLMENT BY OWNERSHIP.

Between 1990 and 2015 the enrollment of publicly-traded for-profit institutions outstripped their private counterparts, with the sharpest growth occurring from 2005-2011. During this period publicly traded enrollment was 2-3 times greater than privately held institutions.

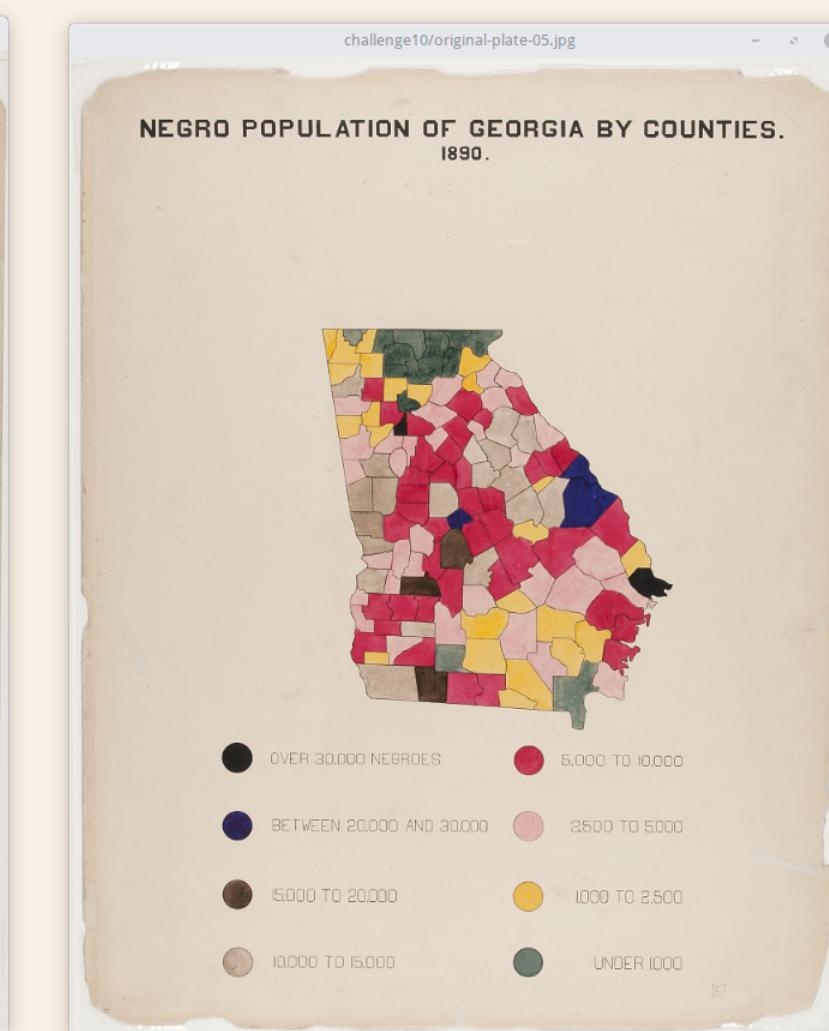
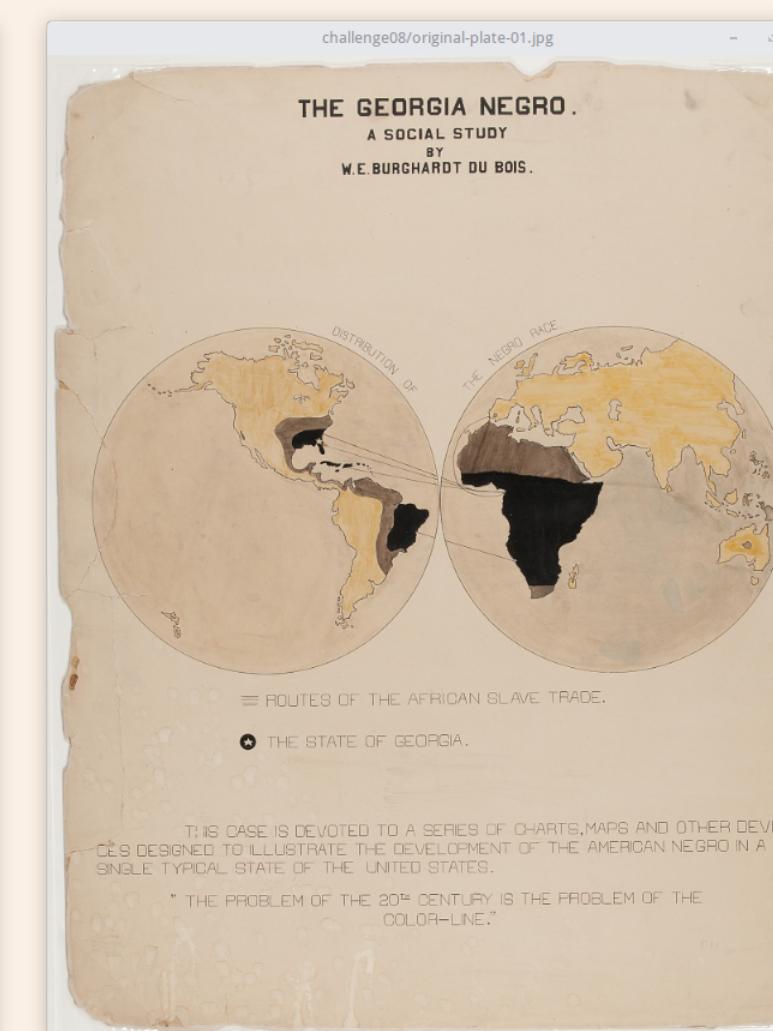
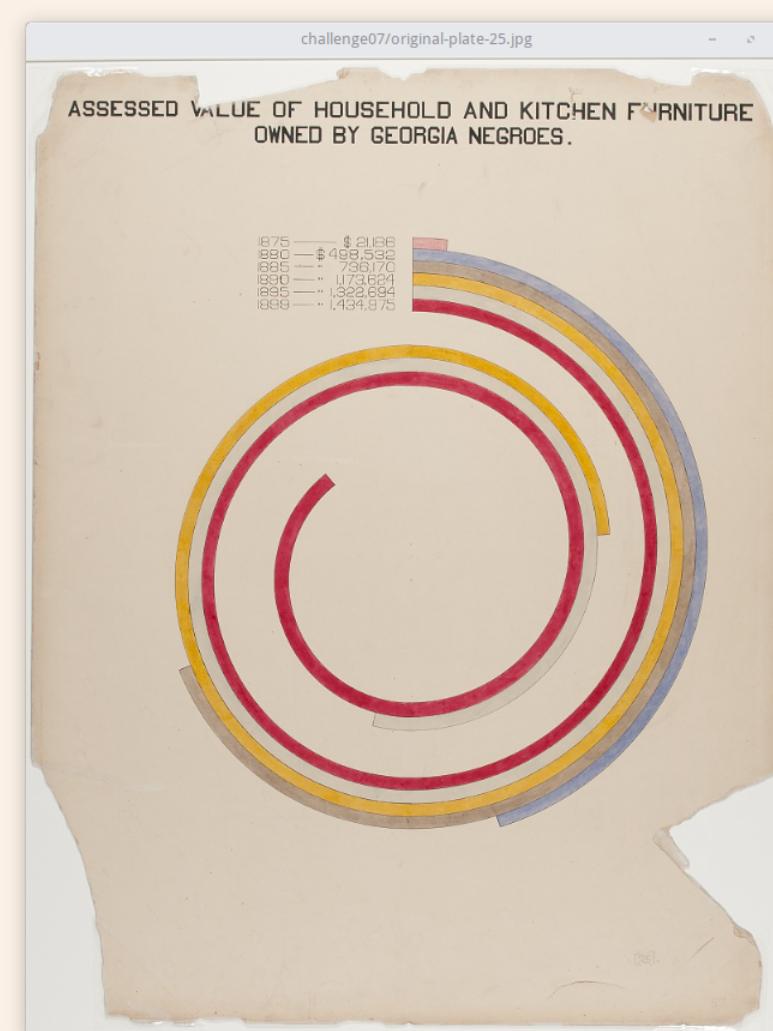
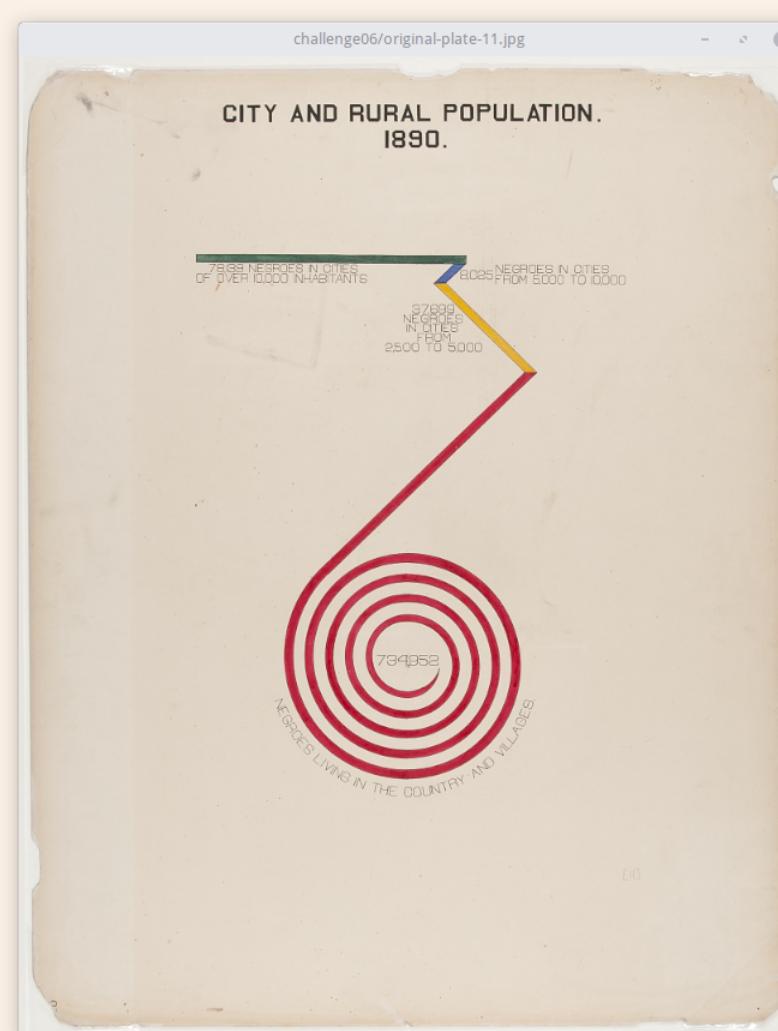
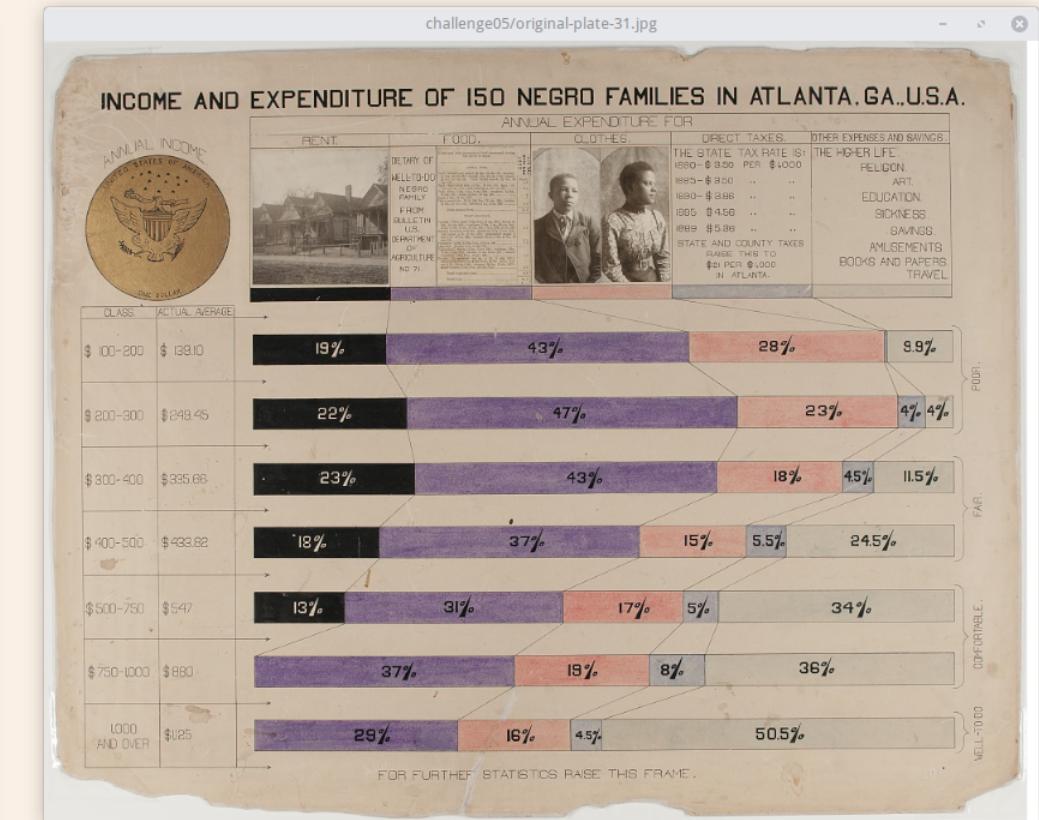
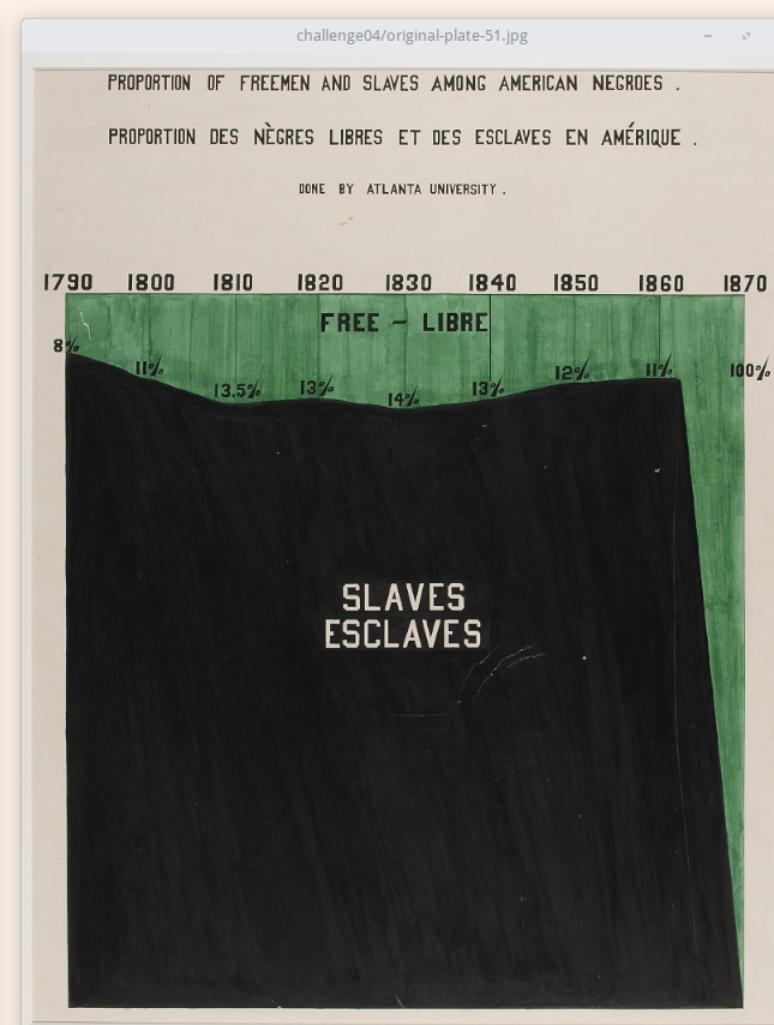
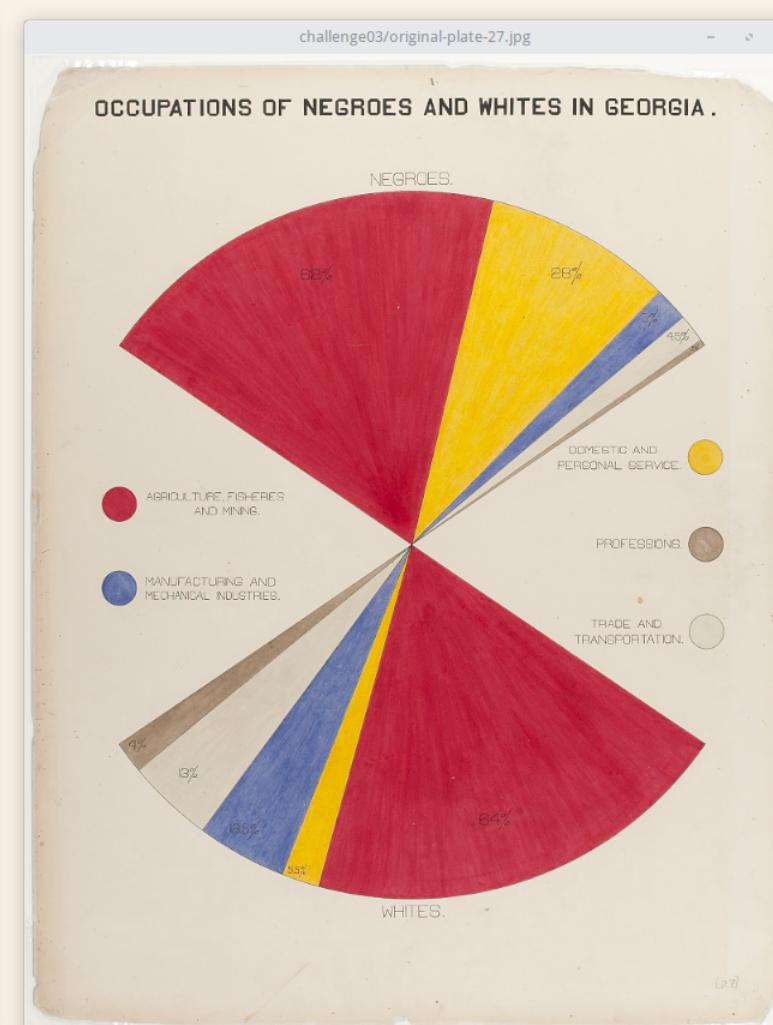
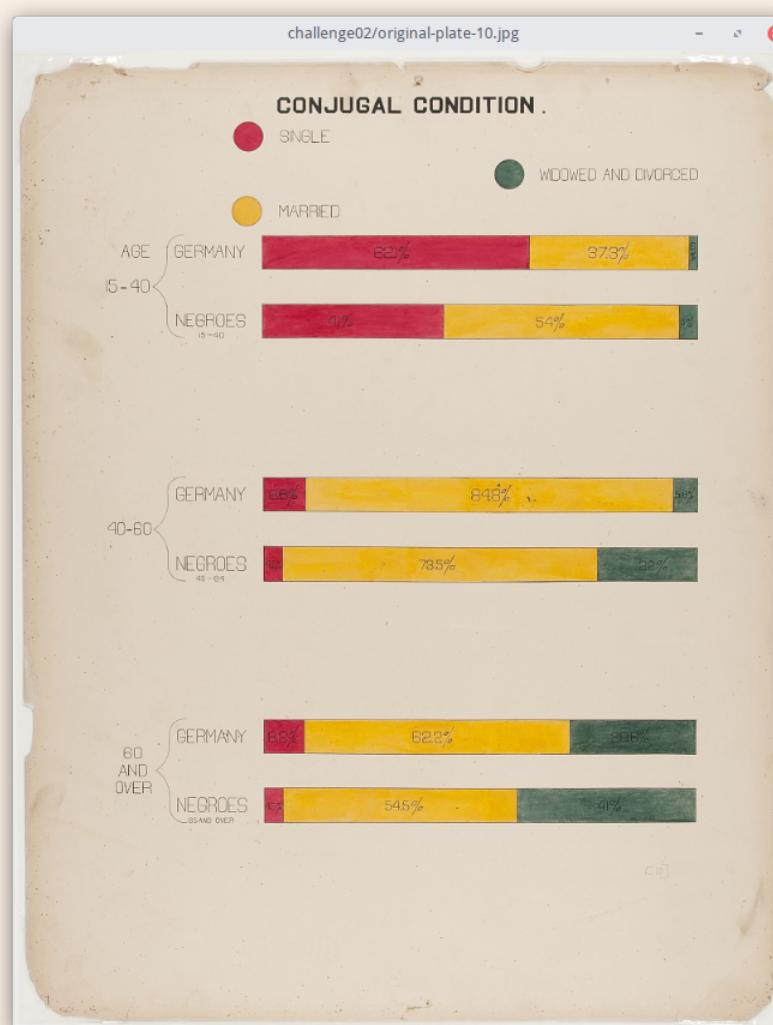
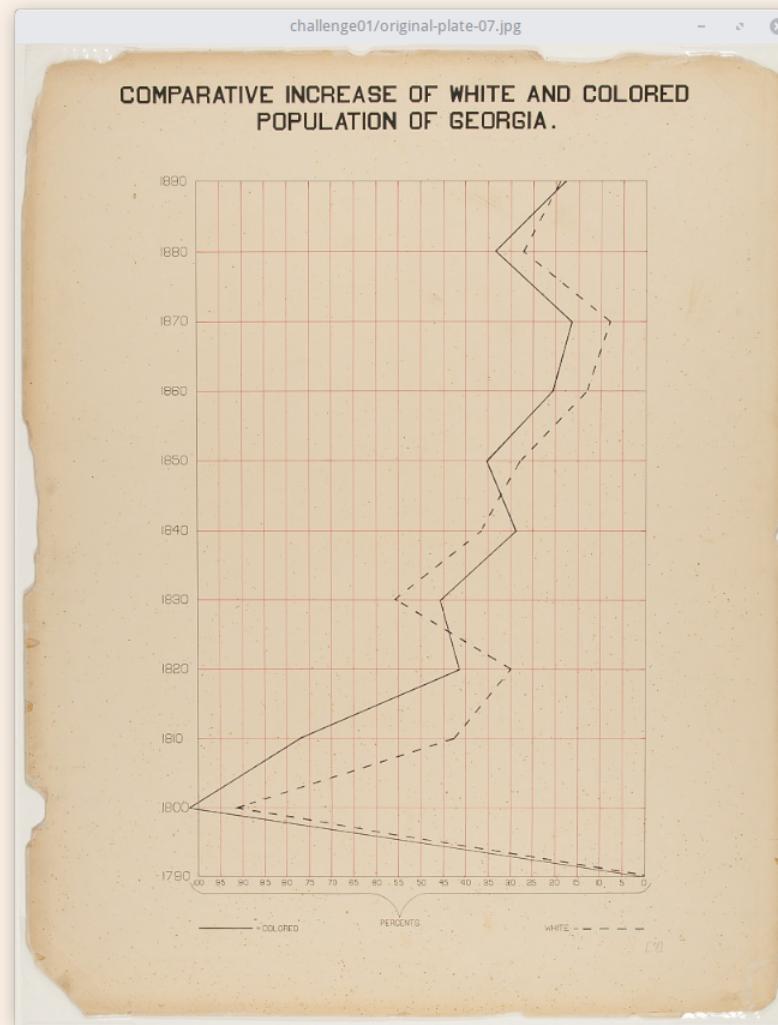


# Repos

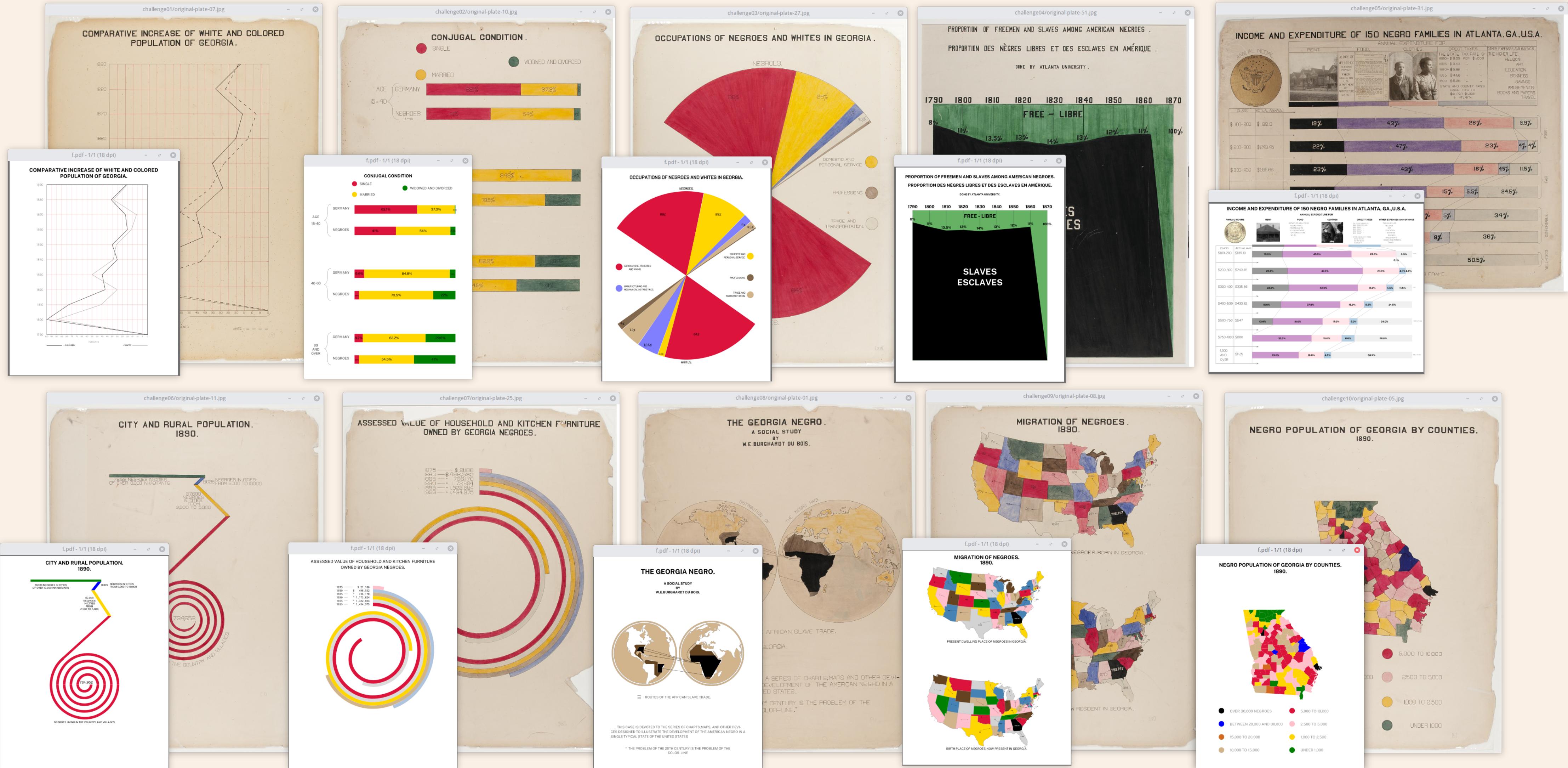
[github.com/ajstarks/dubois-data-portraits](https://github.com/ajstarks/dubois-data-portraits)

[github.com/ajstarks/modern-dubois-viz](https://github.com/ajstarks/modern-dubois-viz)

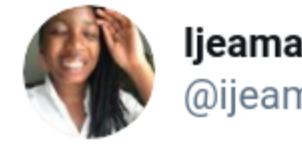
# #DuboisChallenge



# #DuboisChallenge



# #DuboisChallenge

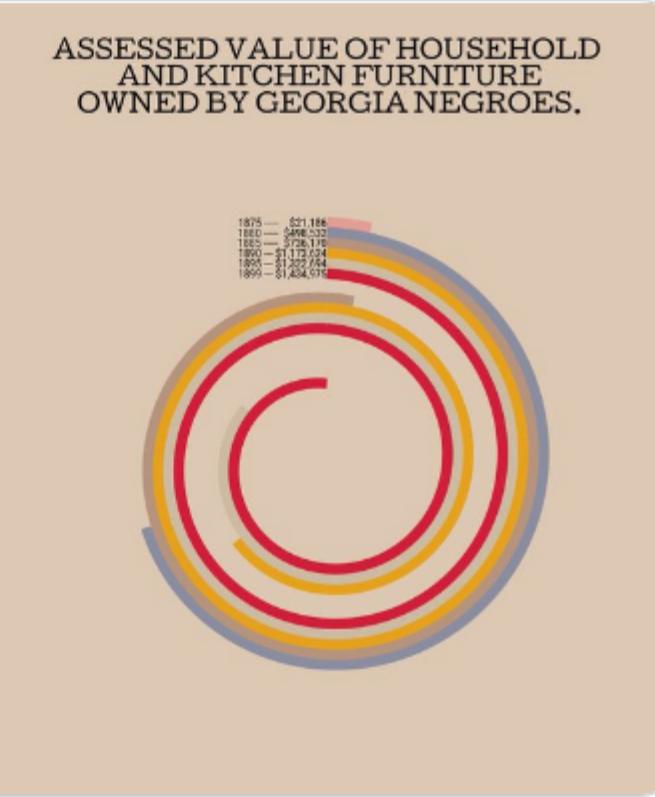
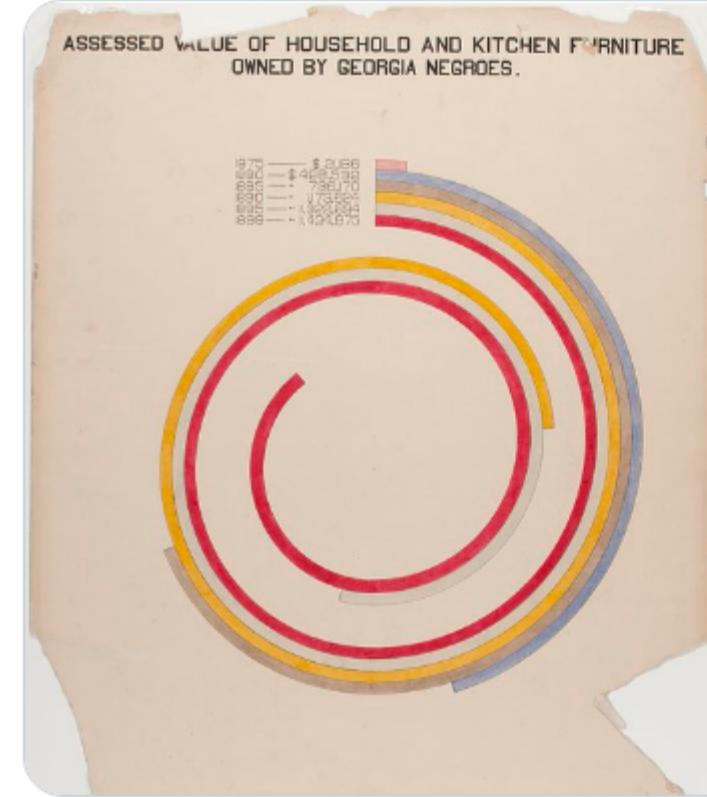


Ijeamaka A

@ijeamaka\_a

#TidyTuesday and #DuBoisChallenge

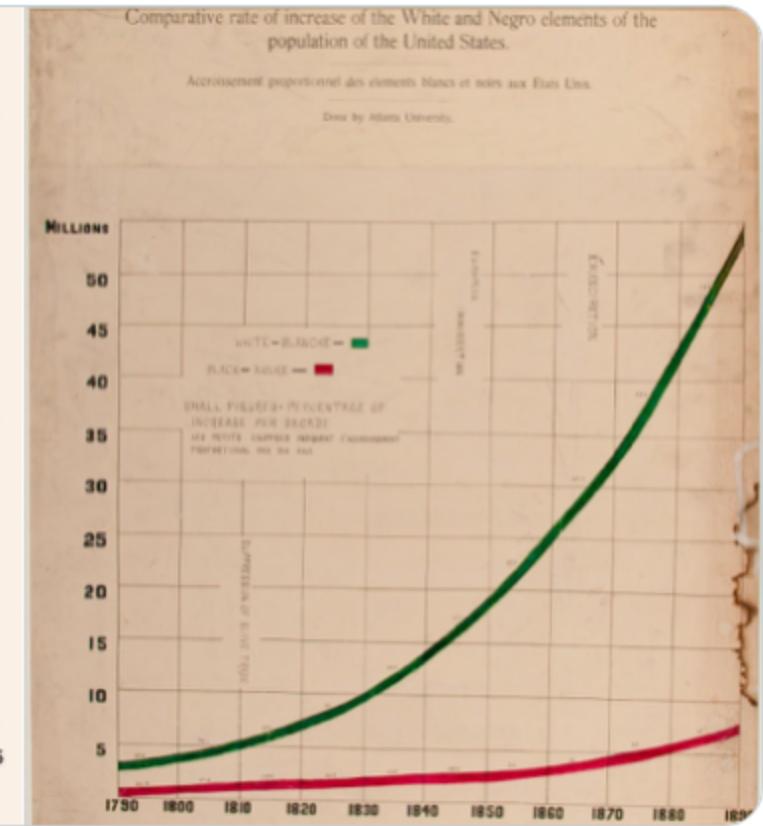
I decided to recreate challenge 07 using only coord\_polar. It is not a perfect recreation, but I am happy with it (mostly because I didn't have to use my very rusty trigonometry knowledge).



Charlie Eaton

@CharlieEatonPhD

I'm thrilled that any @Stata user can now add the Du Bois graphing scheme to their machine using the \*ssc install dubois\* command. After installing, check \*help dubois\* for tips to use the scheme for the #DuBoisChallenge or modern replications like this one!

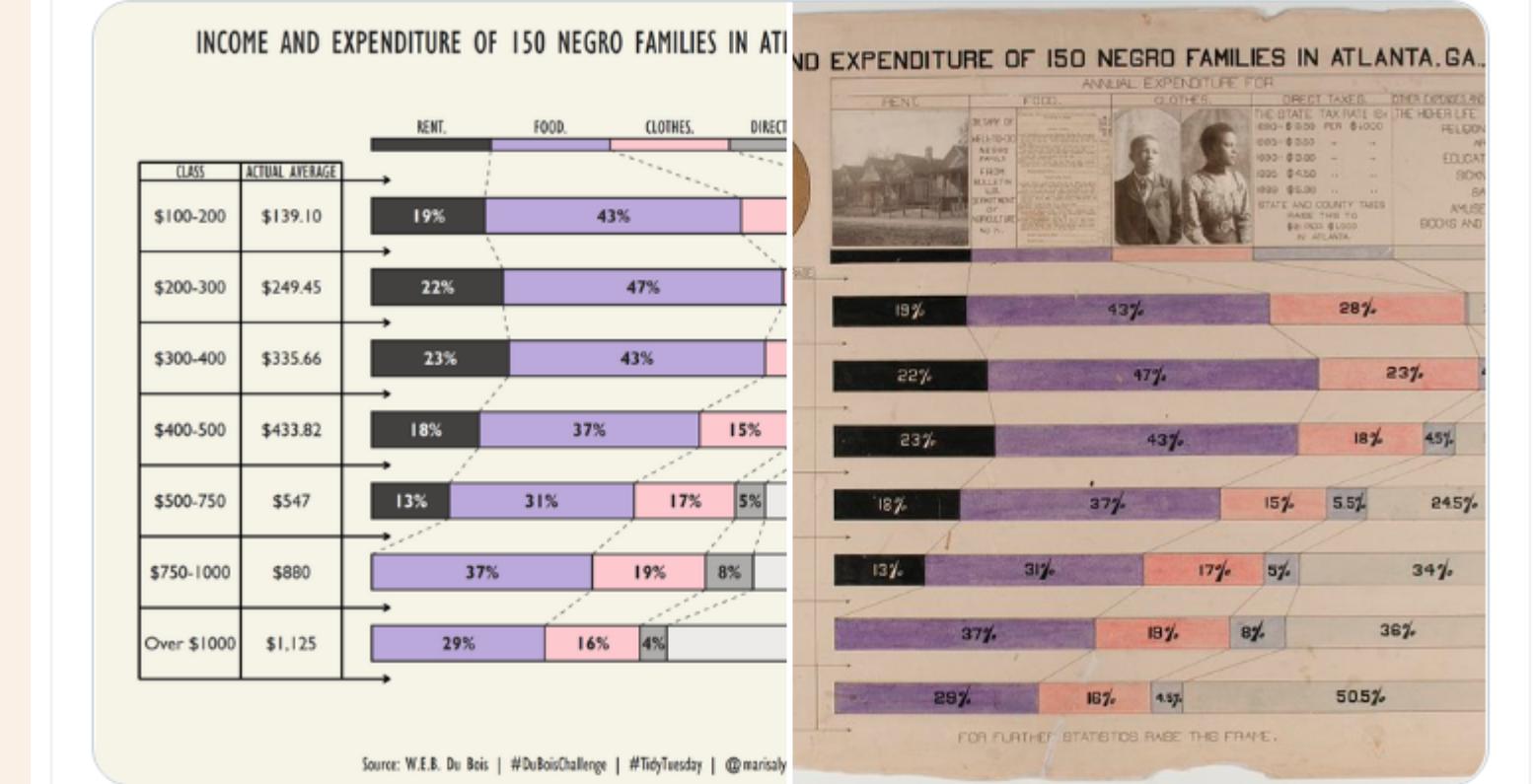


Marisa Henry

@marisalyn

had lots of fun learning more about W.E.B DuBois and attempting to recreate one of his figures for the #DuBoisChallenge and #TidyTuesday this week!

: [github.com/marisalyn/tidy...](https://github.com/marisalyn/tidy...)



<https://github.com/ajstarks/dubois-data-portraits/tree/master/challenge>

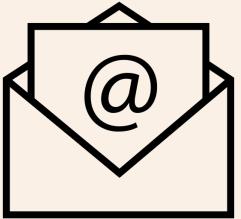
# Links and Resources

Presentation	<a href="https://speakerdeck.com/ajstarks/recreating-the-dubois-data-portraits">https://speakerdeck.com/ajstarks/recreating-the-dubois-data-portraits</a>
Catalog	<a href="https://speakerdeck.com/ajstarks/recreations-of-w-dot-e-b-du-bois-data-portraits">https://speakerdeck.com/ajstarks/recreations-of-w-dot-e-b-du-bois-data-portraits</a>
Repo	<a href="https://github.com/ajstarks/dubois-data-portraits">https://github.com/ajstarks/dubois-data-portraits</a>
Dubois Style/Modern Data	<a href="https://github.com/ajstarks/modern-dubois-viz">https://github.com/ajstarks/modern-dubois-viz</a>
"The" Book	<a href="https://www.amazon.com/W-Boiss-Data-Portraits-Visualizing/dp/1616897066">https://www.amazon.com/W-Boiss-Data-Portraits-Visualizing/dp/1616897066</a>
Library of Congress Collection	<a href="https://www.loc.gov/collections/african-american-photographs-1900-paris-exposition/">https://www.loc.gov/collections/african-american-photographs-1900-paris-exposition/</a>
Style Guide	<a href="https://github.com/ajstarks/dubois-data-portraits/blob/master/dubois-style.pdf">https://github.com/ajstarks/dubois-data-portraits/blob/master/dubois-style.pdf</a>
decksh Code	<a href="https://github.com/ajstarks/decksh">https://github.com/ajstarks/decksh</a>
decksh Presentation	<a href="https://speakerdeck.com/ajstarks/decksh-a-little-language-for-decks">https://speakerdeck.com/ajstarks/decksh-a-little-language-for-decks</a>
Dignity and Debt	<a href="https://www.dignityanddebt.org/projects/student-debt-racial-disparities/">https://www.dignityanddebt.org/projects/student-debt-racial-disparities/</a>
Black America, 1895	<a href="https://publicdomainreview.org/essay/black-america-1895">https://publicdomainreview.org/essay/black-america-1895</a>
Nightingale Article	<a href="https://medium.com/nightingale/recreating-w-e-b-du-boiss-data-portraits-87dd36096f34">https://medium.com/nightingale/recreating-w-e-b-du-boiss-data-portraits-87dd36096f34</a>
#DuboisChallenge	<a href="https://github.com/ajstarks/dubois-data-portraits/blob/master/challenge/README.md">https://github.com/ajstarks/dubois-data-portraits/blob/master/challenge/README.md</a>

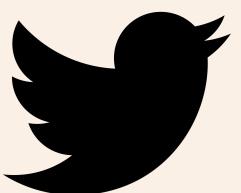


# Anthony J. Starks

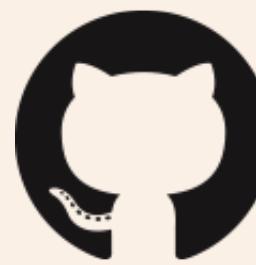
## Art + Code



[ajstarks@gmail.com](mailto:ajstarks@gmail.com)



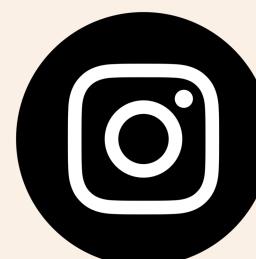
[@ajstarks](https://twitter.com/ajstarks)



[github.com/ajstarks](https://github.com/ajstarks)



[speakerdeck.com/ajstarks](https://speakerdeck.com/ajstarks)

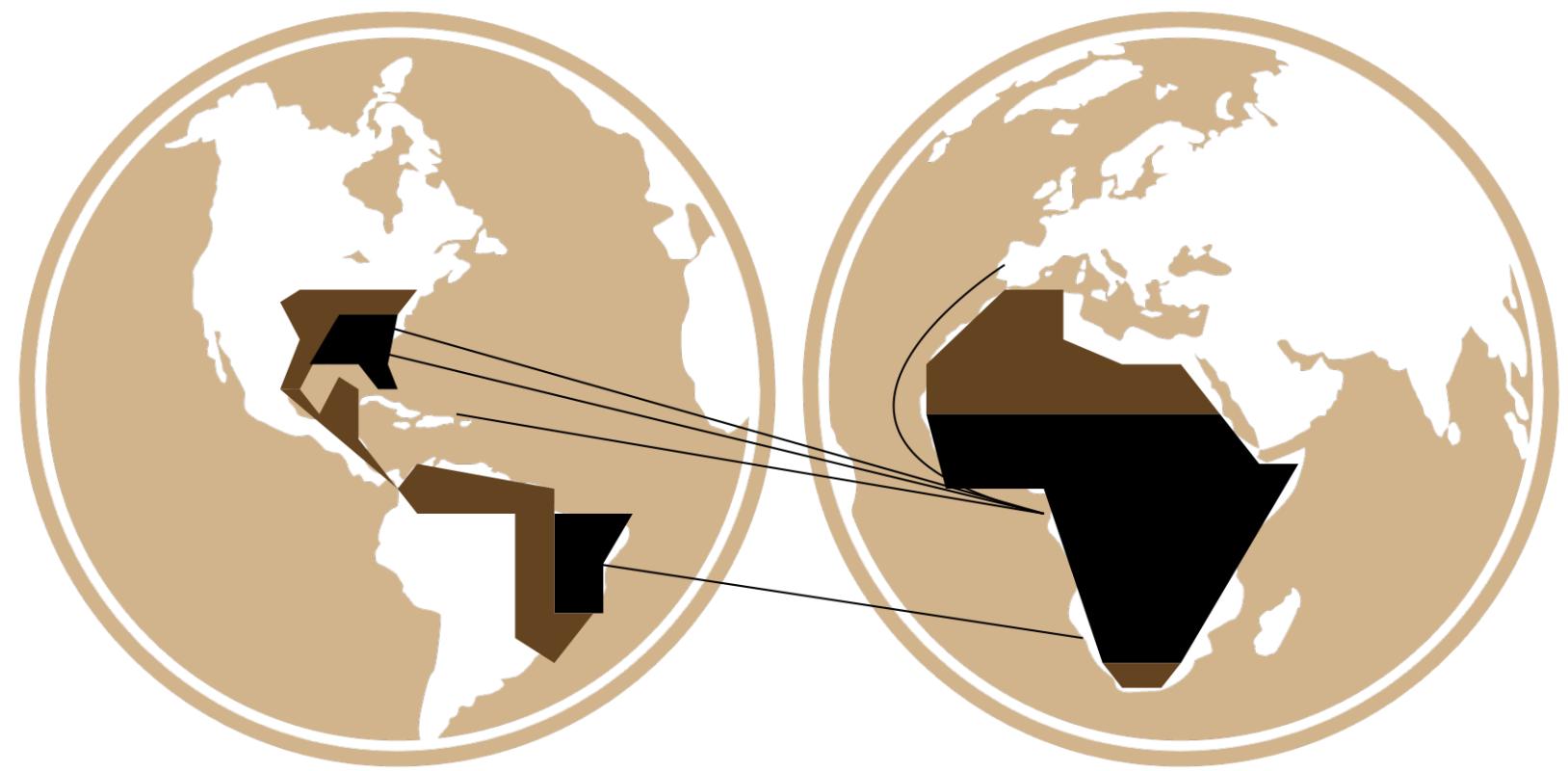


[@duboisviz](https://www.instagram.com/duboisviz)

# Catalog

# THE GEORGIA NEGRO.

A SOCIAL STUDY  
BY  
W.E.BURGHARDT DU BOIS.

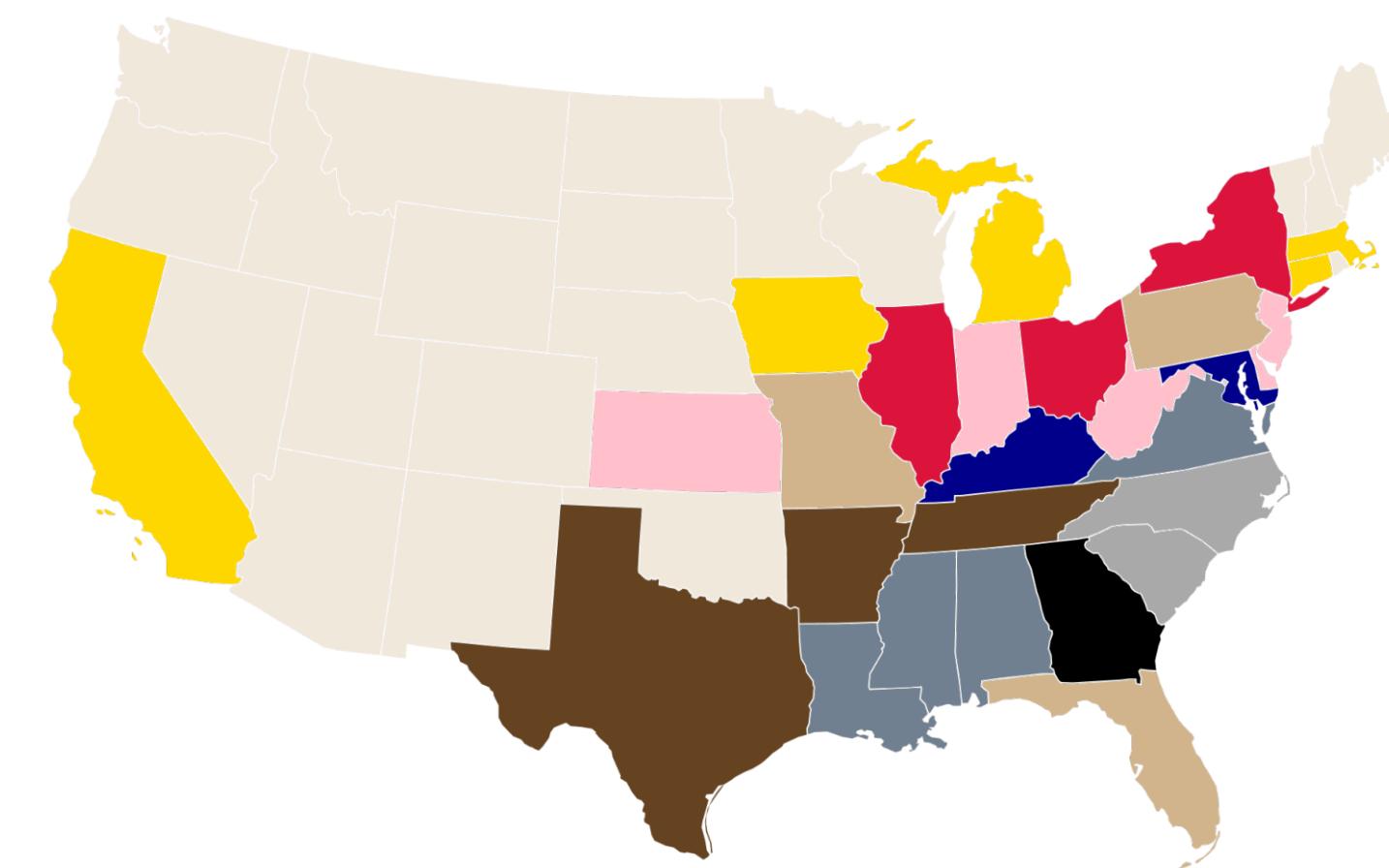


≡ ROUTES OF THE AFRICAN SLAVE TRADE.

THIS CASE IS DEVOTED TO THE SERIES OF CHARTS, MAPS, AND OTHER DEVICES DESIGNED TO ILLUSTRATE THE DEVELOPMENT OF THE AMERICAN NEGRO IN A SINGLE TYPICAL STATE OF THE UNITED STATES

\* THE PROBLEM OF THE 20TH CENTURY IS THE PROBLEM OF THE COLOR-LINE

# RELATIVE NEGRO POPULATION OF THE STATES OF THE UNITED STATES.



■	750,000 NEGROES AND OVER	■	100,000 - 200,000
■	600,000 - 750,000	■	50,000 - 100,000
■	500,000 - 600,000	■	25,000 - 50,000
■	300,000 - 500,000	■	10,000 - 25,000
■	200,000 - 300,000	■	UNDER - 10,000

**STATES OF THE UNITED STATES ACCORDING  
TO THEIR NEGRO POPULATION.**

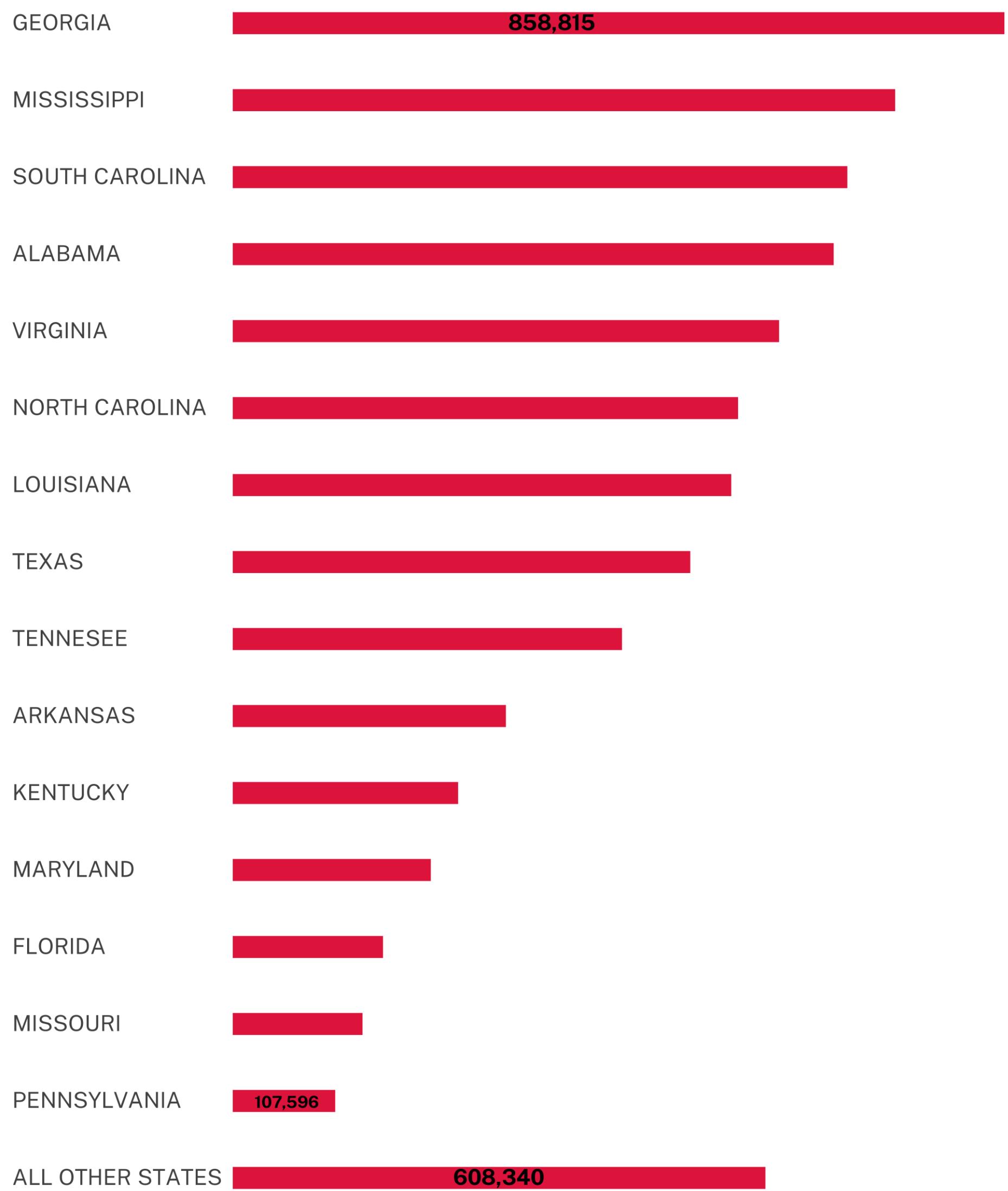


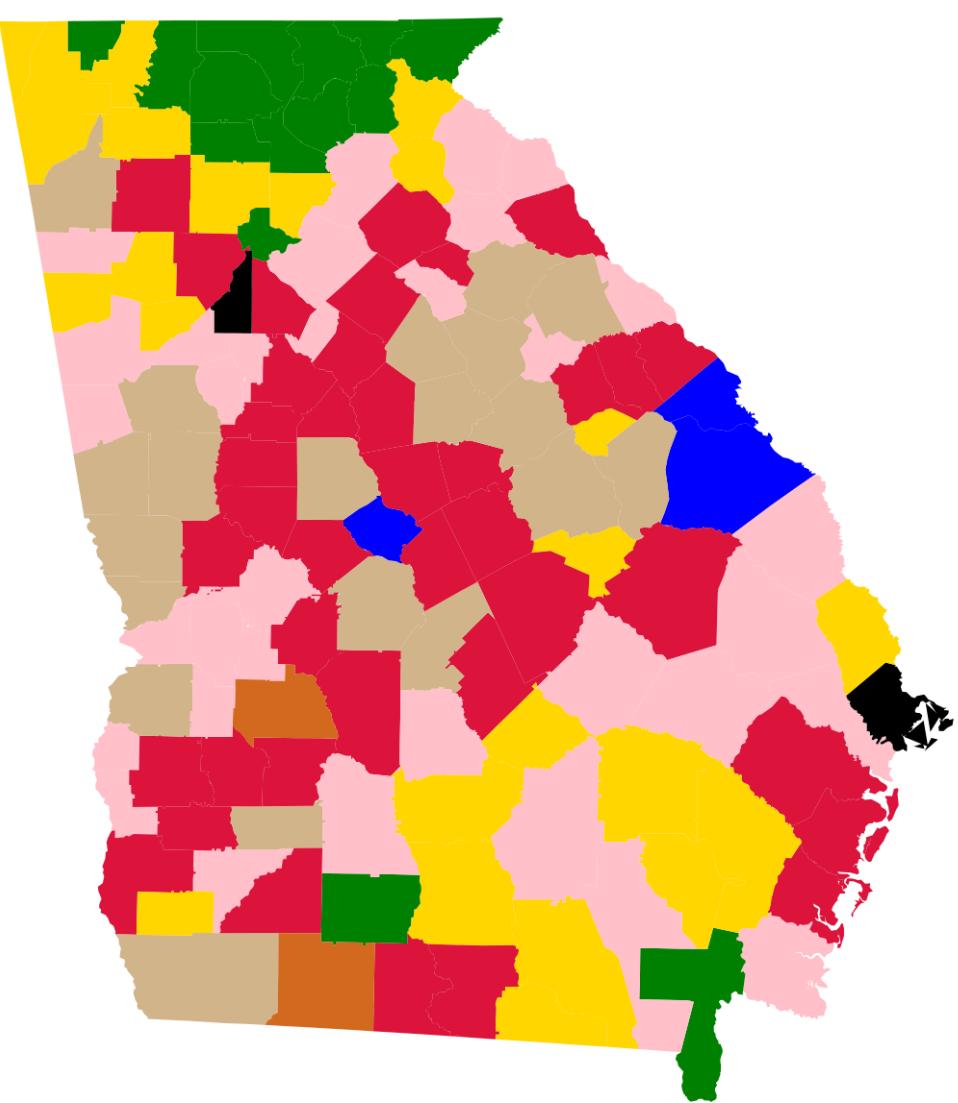
Plate 3

**NEGRO POPULATION OF GEORGIA.**



Plate 4

NEGRO POPULATION OF GEORGIA BY COUNTIES.  
1890.

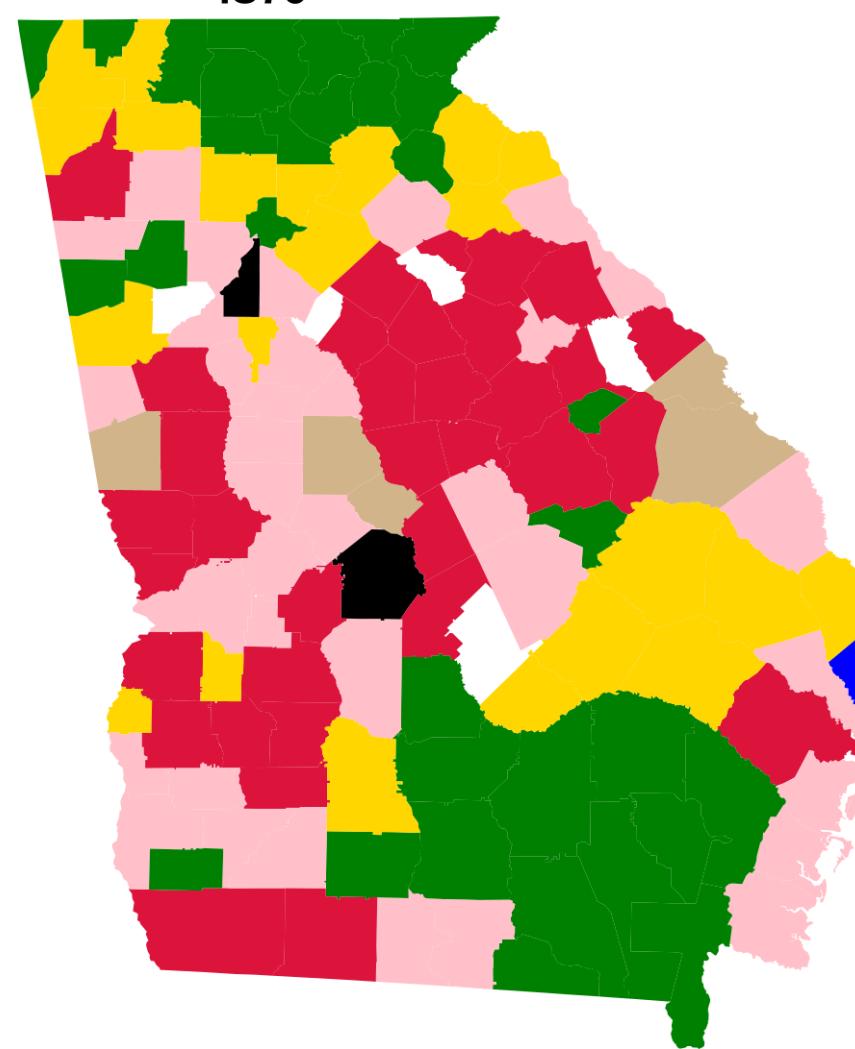


- OVER 30,000 NEGROES
- BETWEEN 20,000 AND 30,000
- 15,000 TO 20,000
- 10,000 TO 15,000
- 5,000 TO 10,000
- 2,500 TO 5,000
- 1,000 TO 2,500
- UNDER 1,000

Plate 5

NEGRO POPULATION OF GEORGIA BY COUNTIES.

1870



- BETWEEN 20,000 AND 30,000
- 15,000 TO 20,000
- 10,000 TO 15,000
- 5,000 TO 10,000
- 2,500 TO 5,000
- 1,000 TO 2,500
- UNDER 1,000

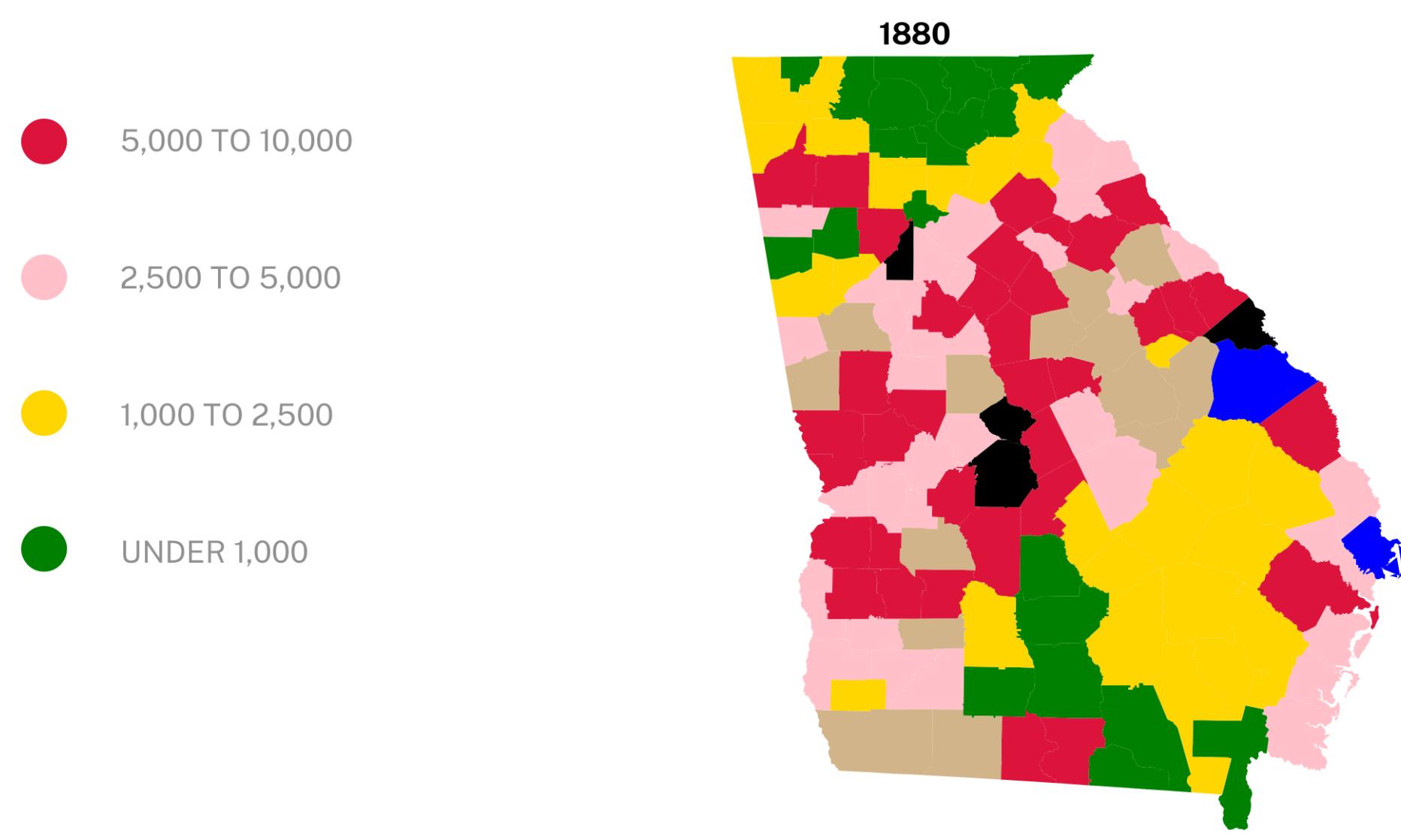


Plate 6

**COMPARATIVE INCREASE OF WHITE AND COLORED POPULATION OF GEORGIA.**



Plate 7

**MIGRATION OF NEGROES.  
1890.**

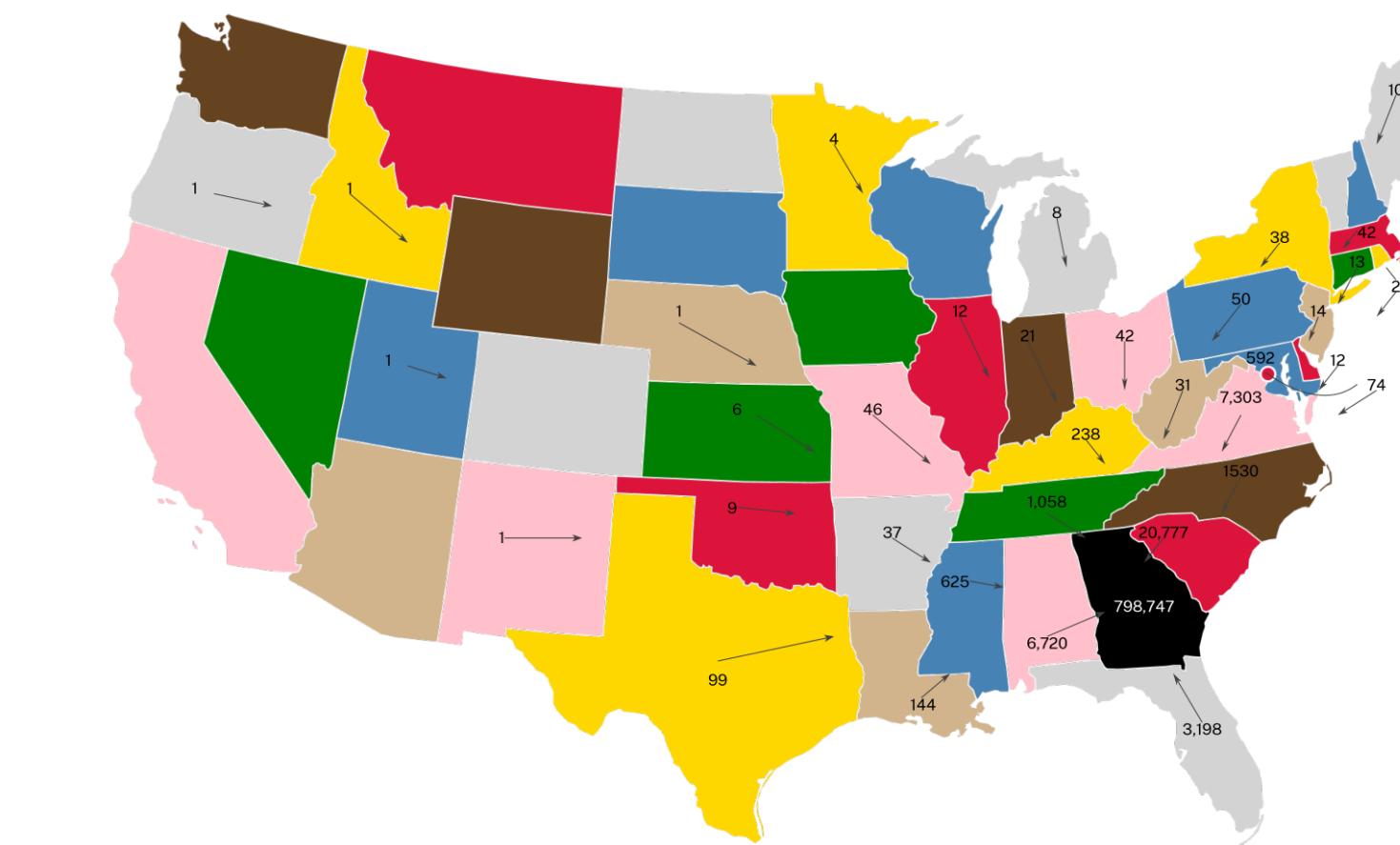
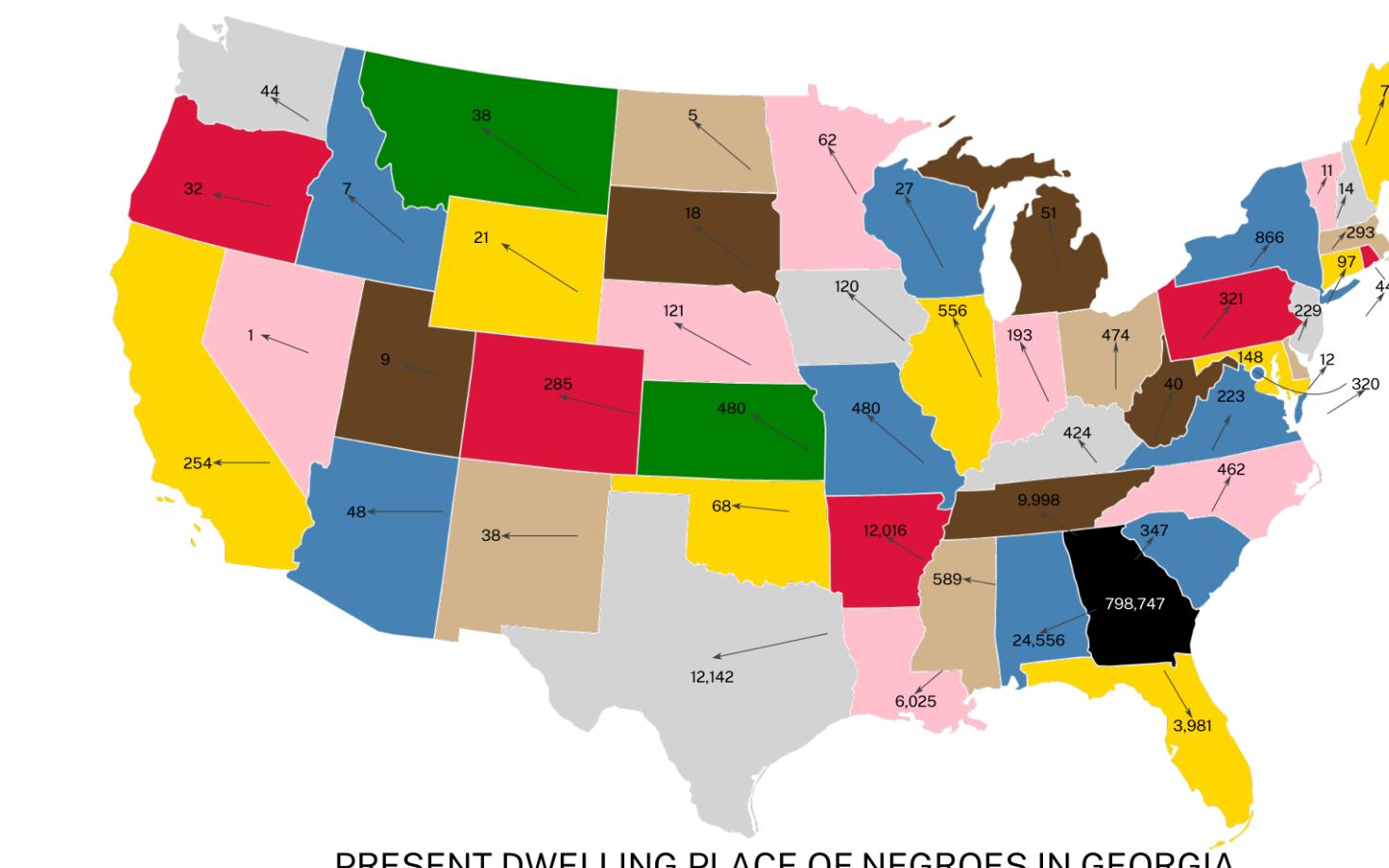


Plate 8

## AGE DISTRIBUTION OF GEORGIA NEGROES COMPARED WITH FRANCE.

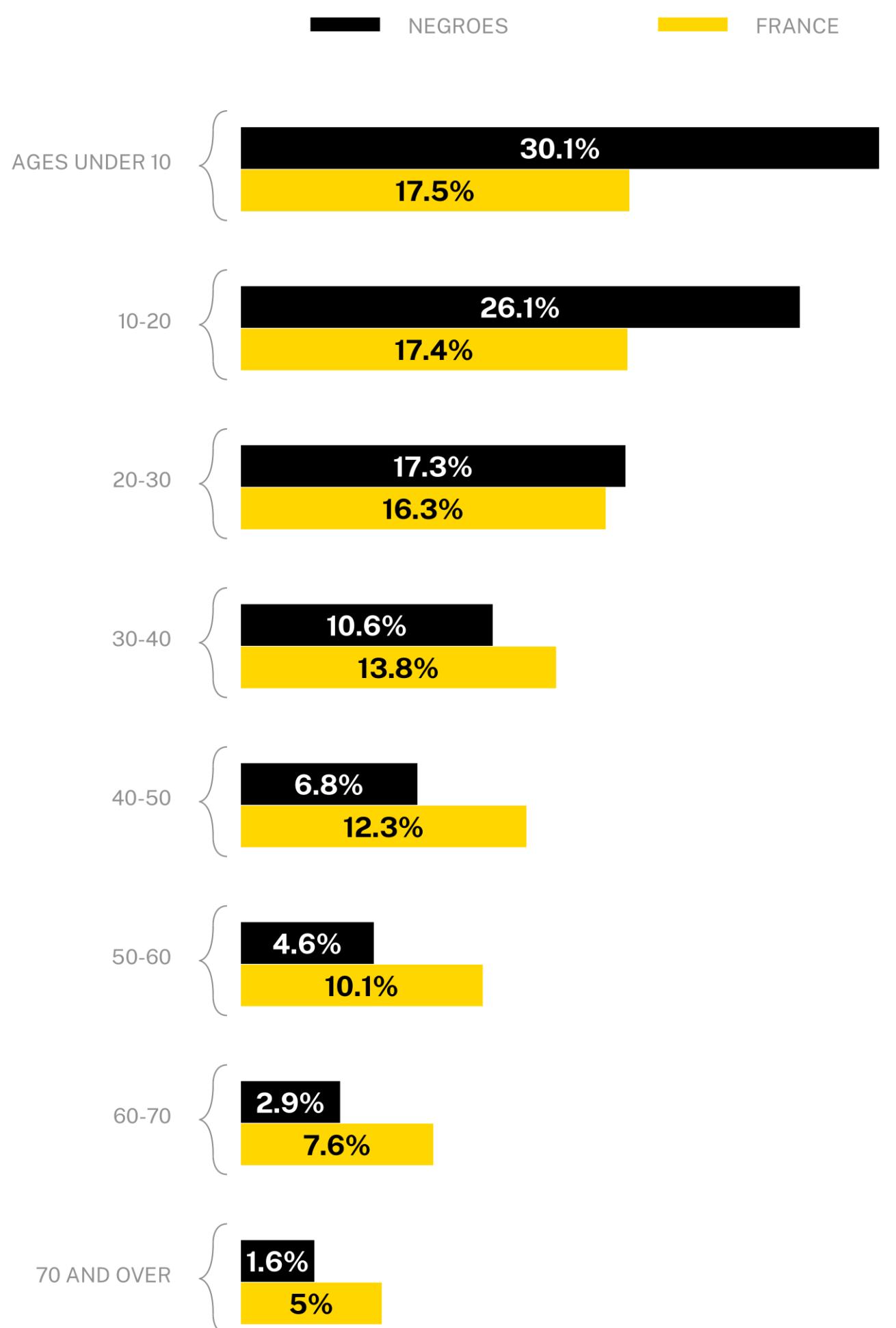


Plate 9

## CONJUGAL CONDITION

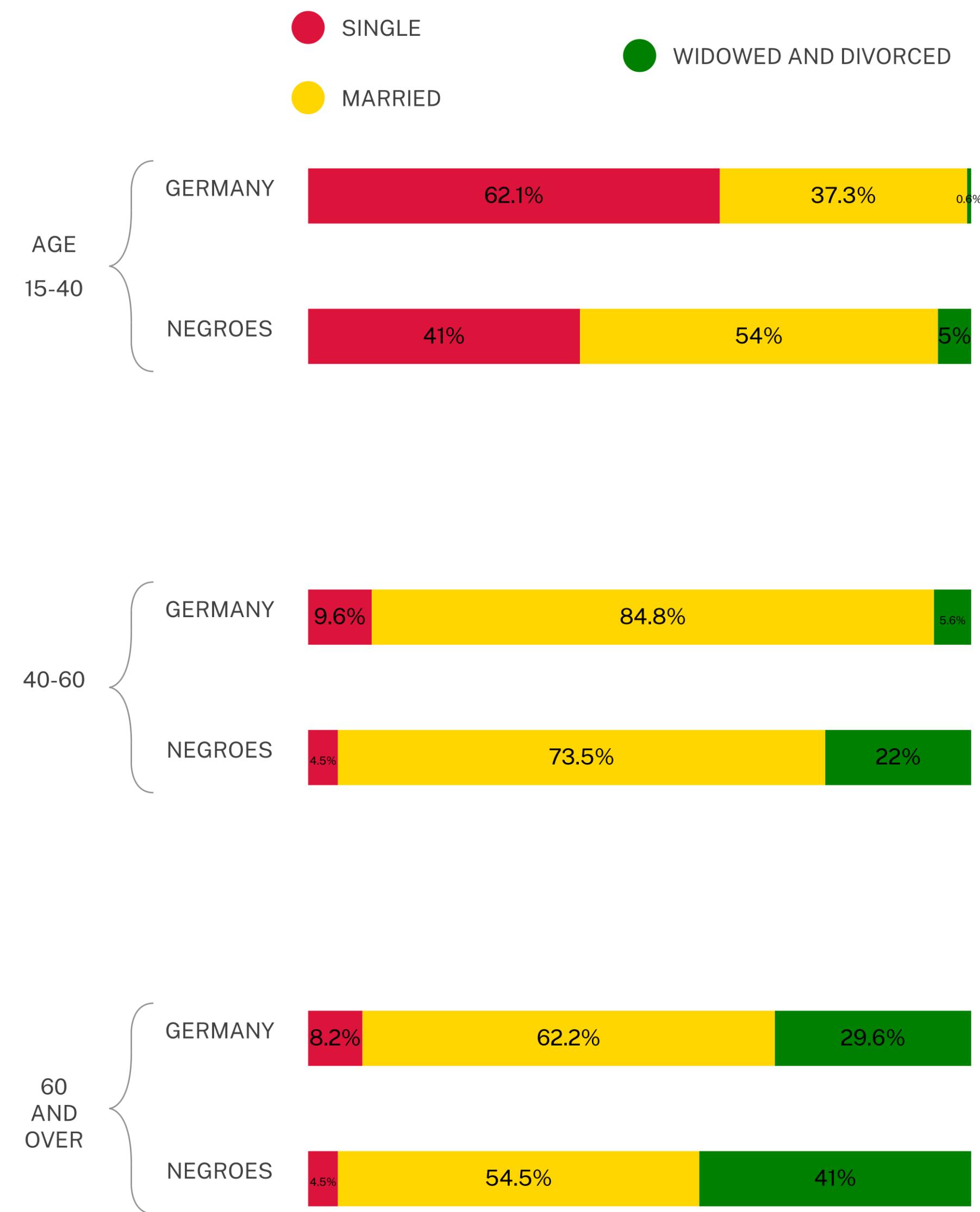


Plate 10

## CITY AND RURAL POPULATION. 1890.



Plate 11

## SLAVE AND FREE NEGROES.

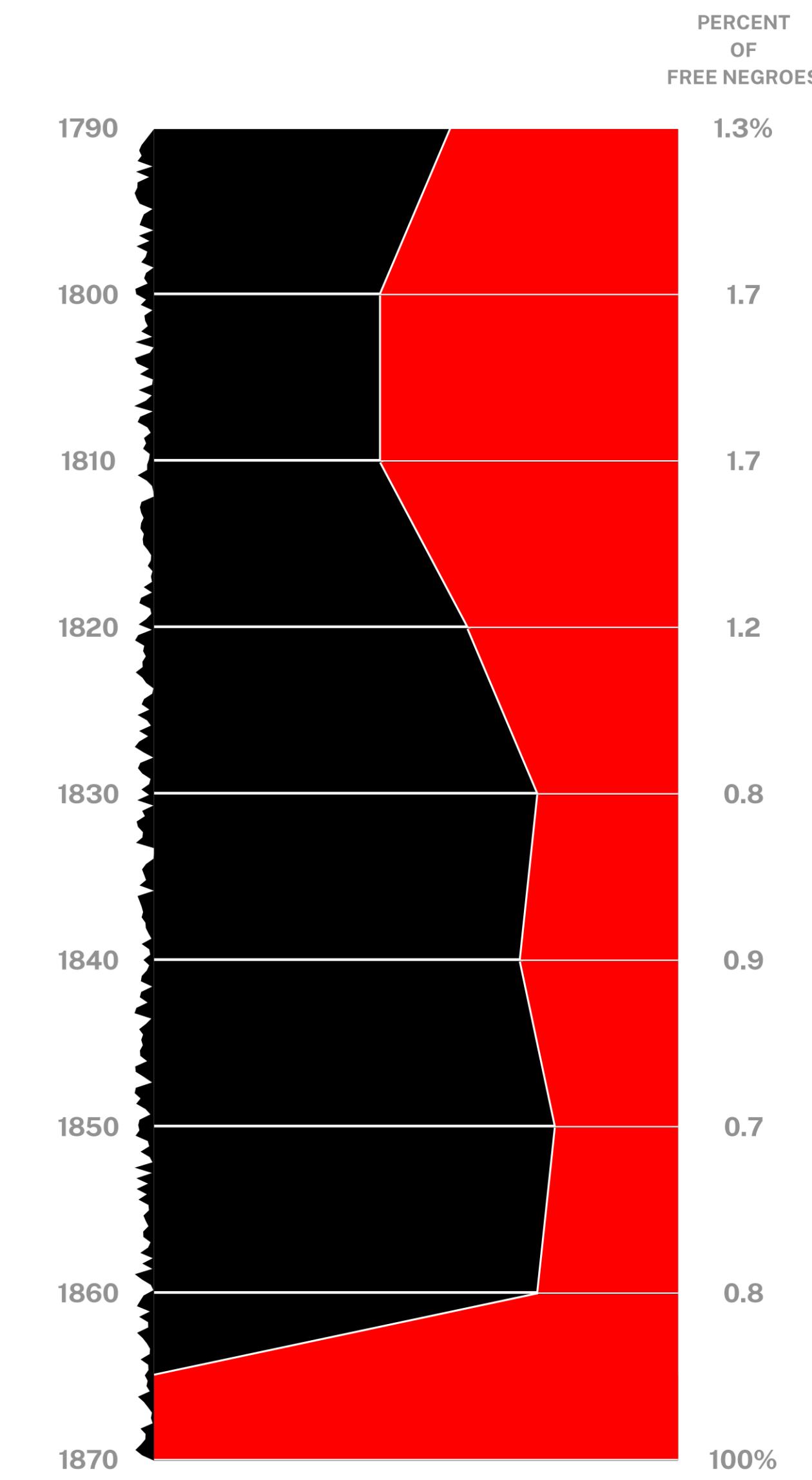


Plate 12

# RACE AMALGAMATION IN GEORGIA.

BASED ON A STUDY OF 40,000 INDIVIDUALS OF NEGRO DESCENT

## BLACK.

I.E. FULL-BLOODED  
NEGROES.

44%

## BROWN.

I.E. PERSONS WITH  
SOME WHITE BLOOD  
OR DESCENDANTS  
OF LIGHT COLORED  
AFRICANS

40%

## YELLOW.

I.E. PERSONS WITH  
MORE WHITE THAN  
NEGRO BLOOD

16%

# ILLITERACY.

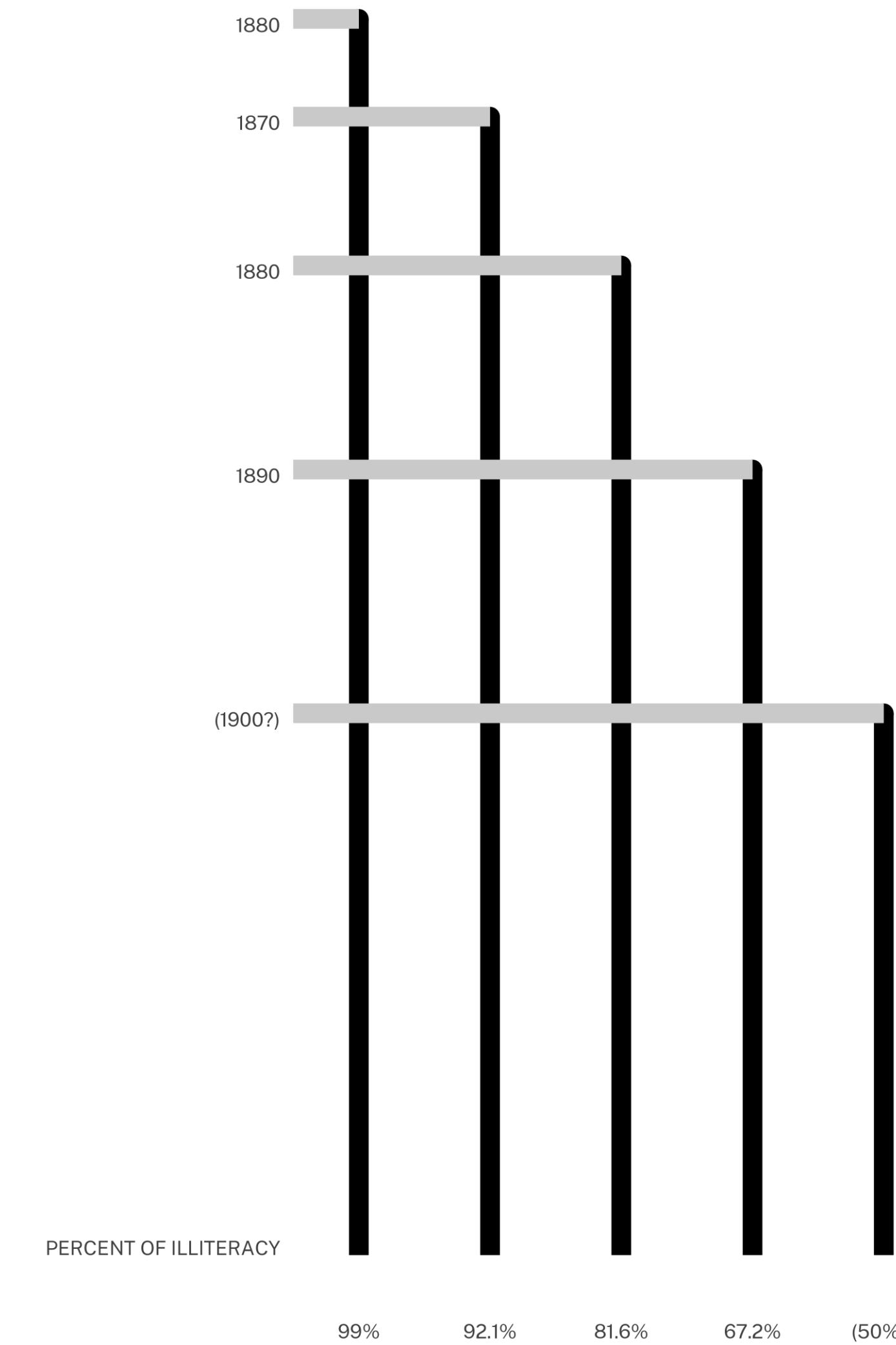


Plate 13

Plate 14

**NEGRO CHILDREN ENROLLED  
IN THE PUBLIC SCHOOLS.**

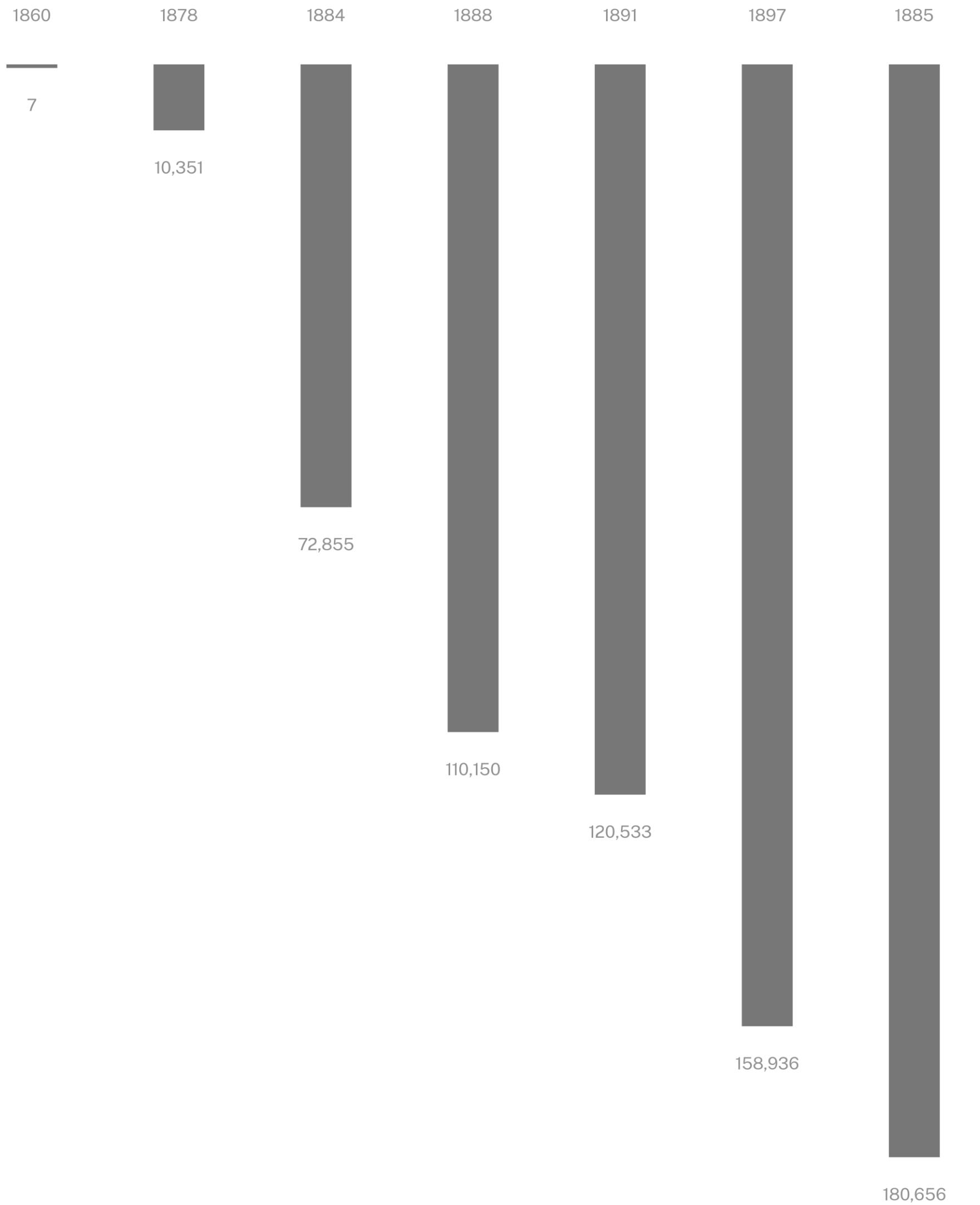


Plate 15

**NEGRO TEACHERS IN GEORGIA PUBLIC SCHOOLS**

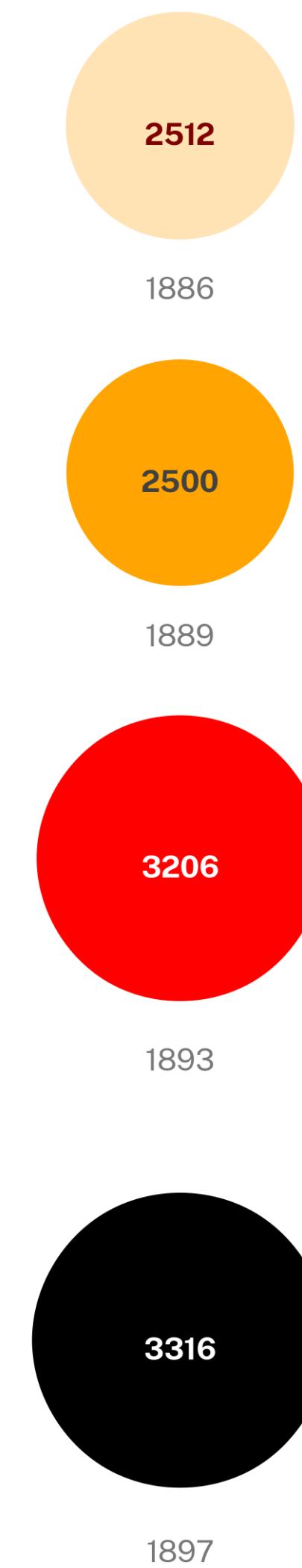


Plate 16

**NUMBER OF NEGRO STUDENTS TAKING  
THE VARIOUS COURSES OF STUDY  
OFFERED IN GEORGIA SCHOOLS.**

BUSINESS 12



CLASSICAL 98



PROFESSIONAL 152



SCIENTIFIC 161



NORMAL 383



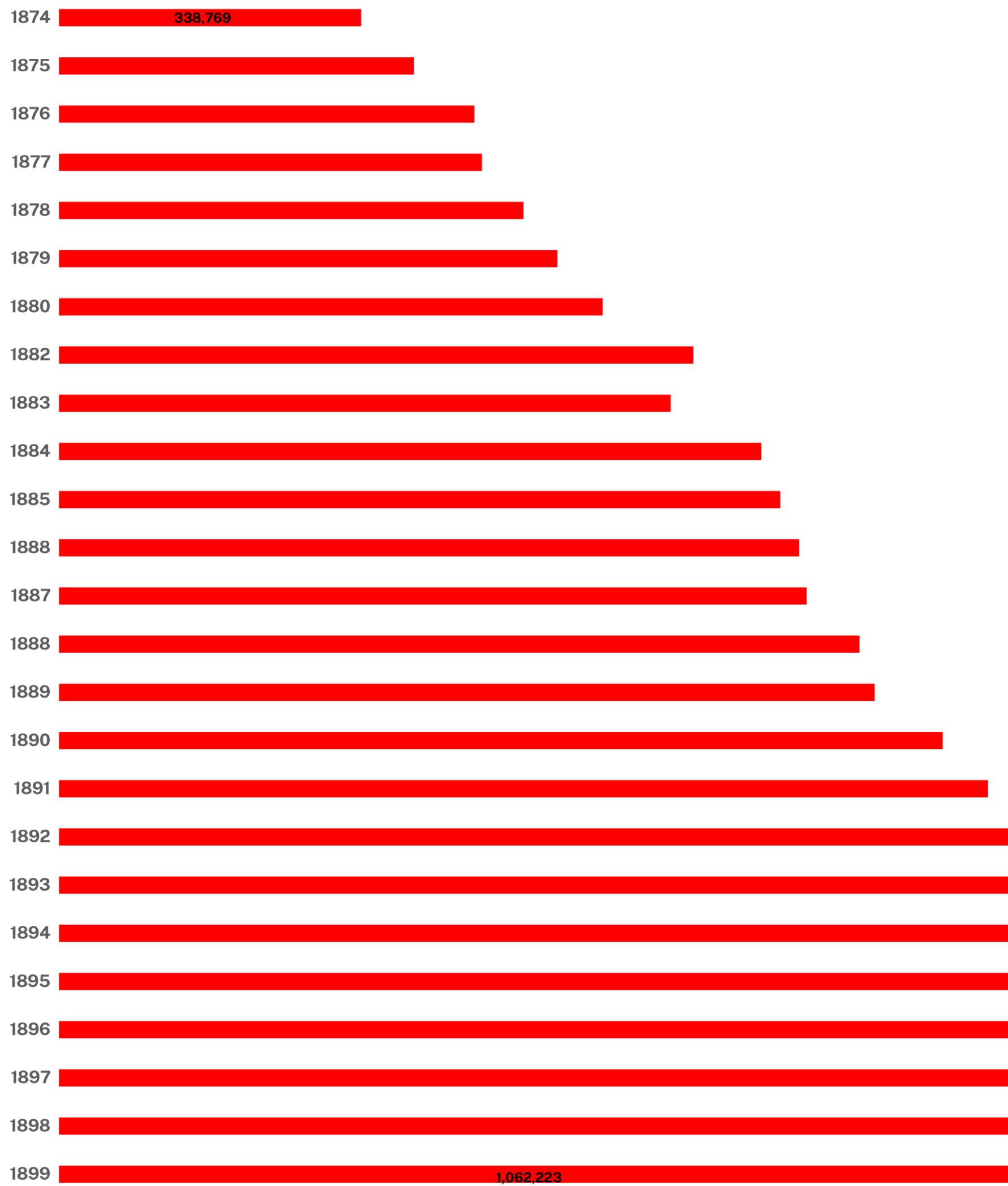
INDUSTRIAL 2252



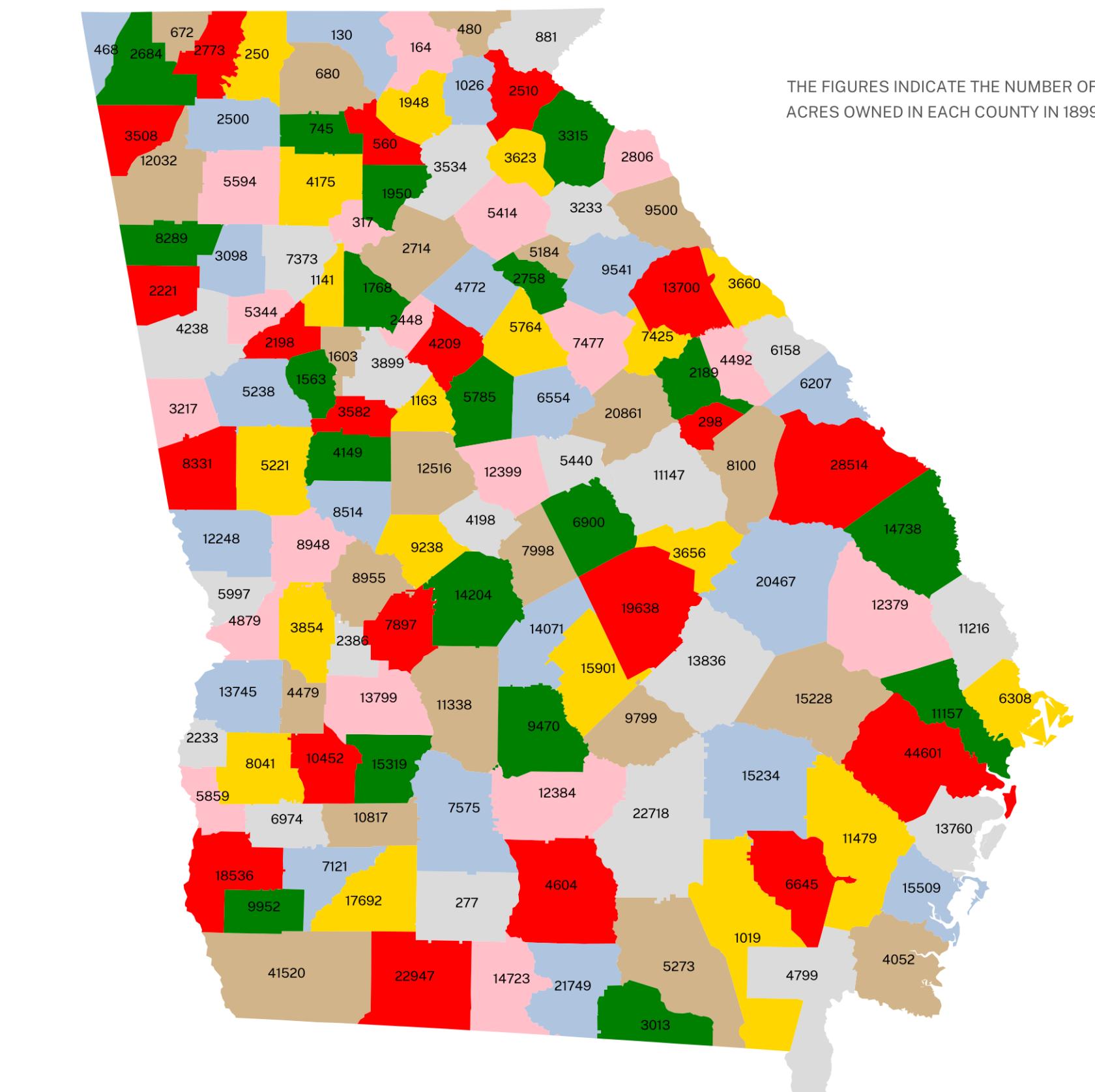
**VALUE OF LAND OWNED BY GEORGIA NEGROES.**



**ACRES OF LAND OWNED BY NEGROES  
IN GEORGIA.**



**LAND OWNED BY NEGROES IN GEORGIA, U.S.A 1870-1900.**



THE FIGURES INDICATE THE NUMBER OF ACRES OWNED IN EACH COUNTY IN 1899

VALUATION OF TOWN AND CITY PROPERTY OWNED  
BY GEORGIA NEGROES

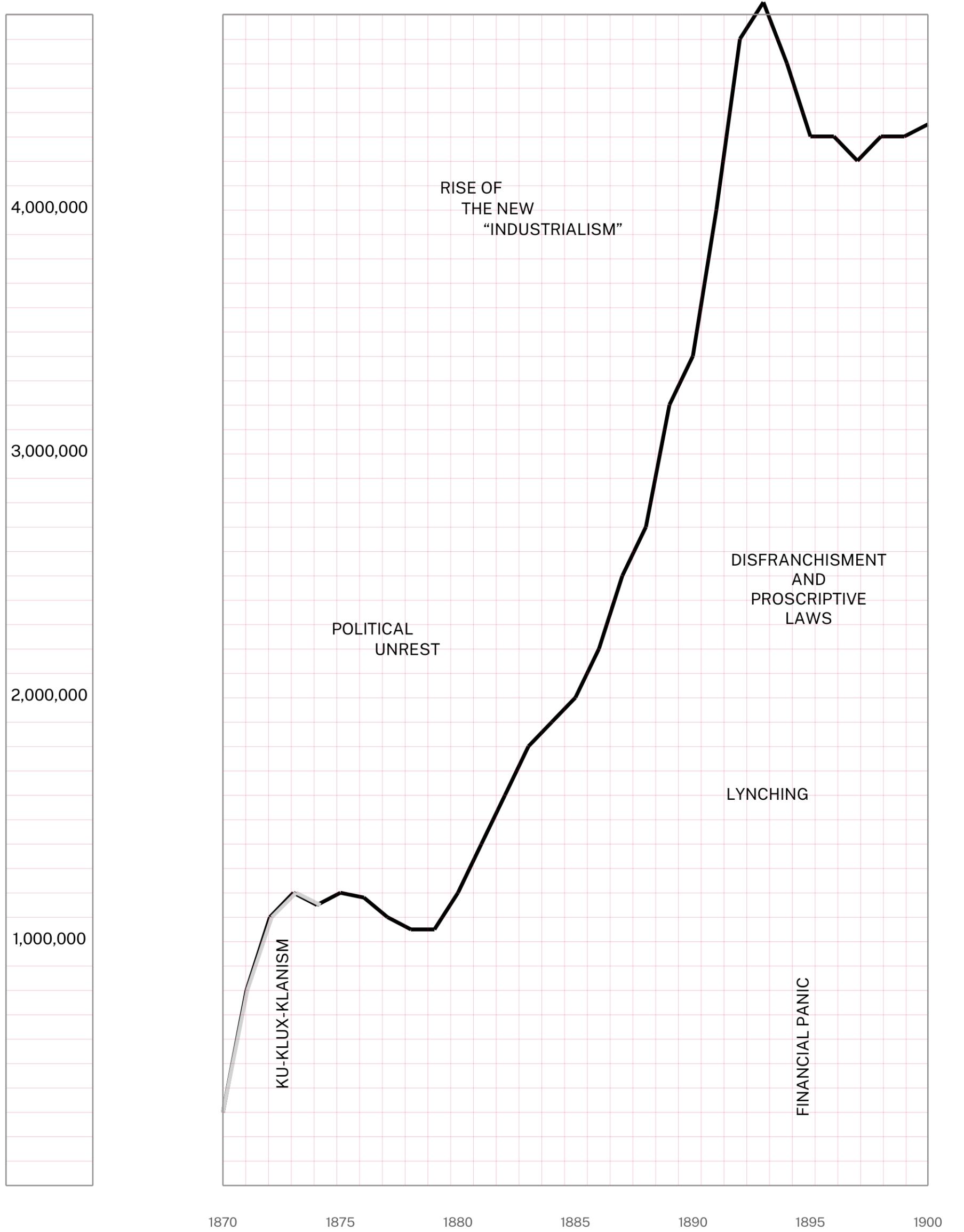


Plate 21

ASSESSED VALUATION OF ALL TAXABLE PROPERTY  
OWNED BY GEORGIA NEGROES.

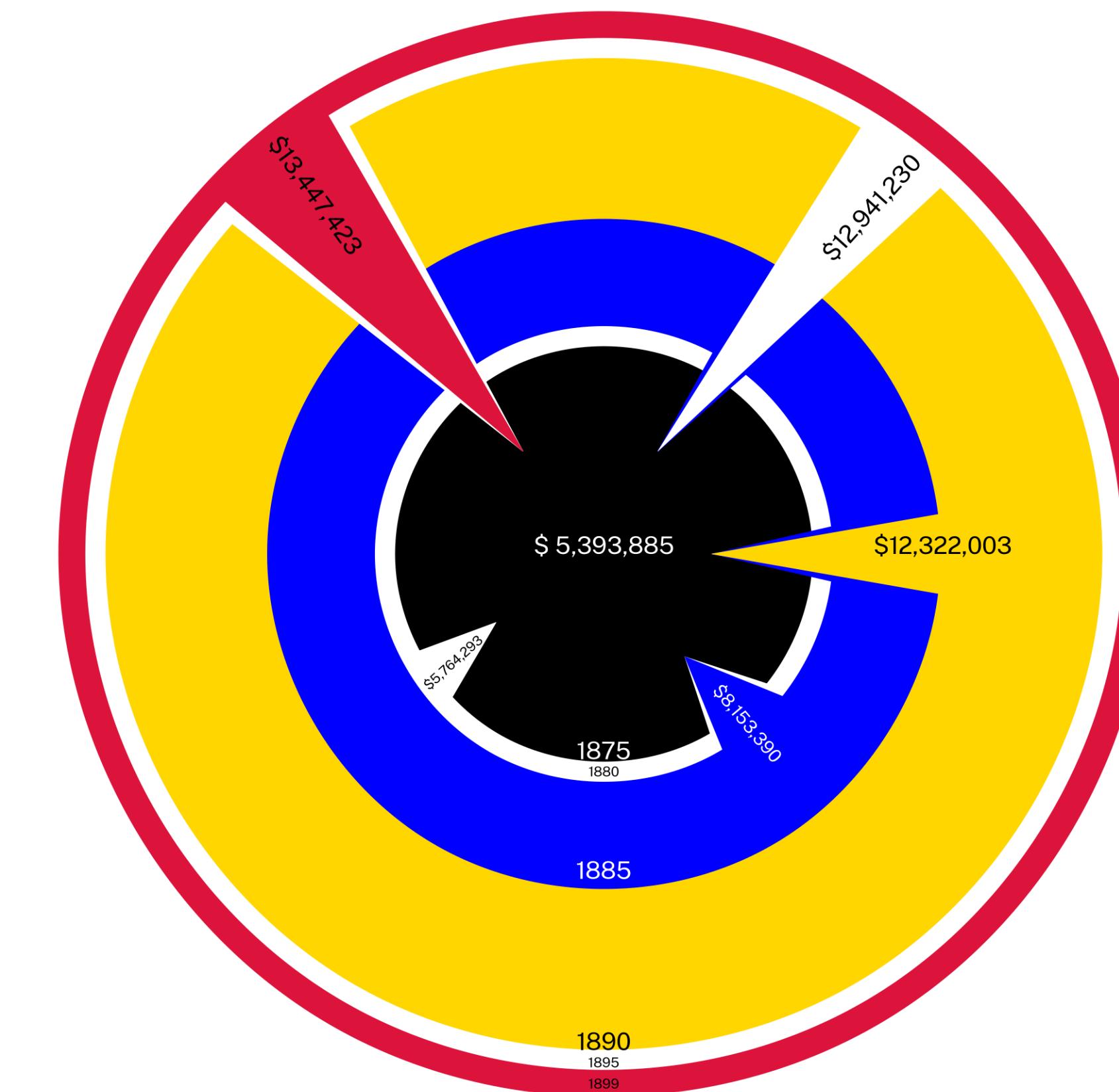


Plate 22

## NEGRO PROPERTY IN TWO CITIES OF GEORGIA

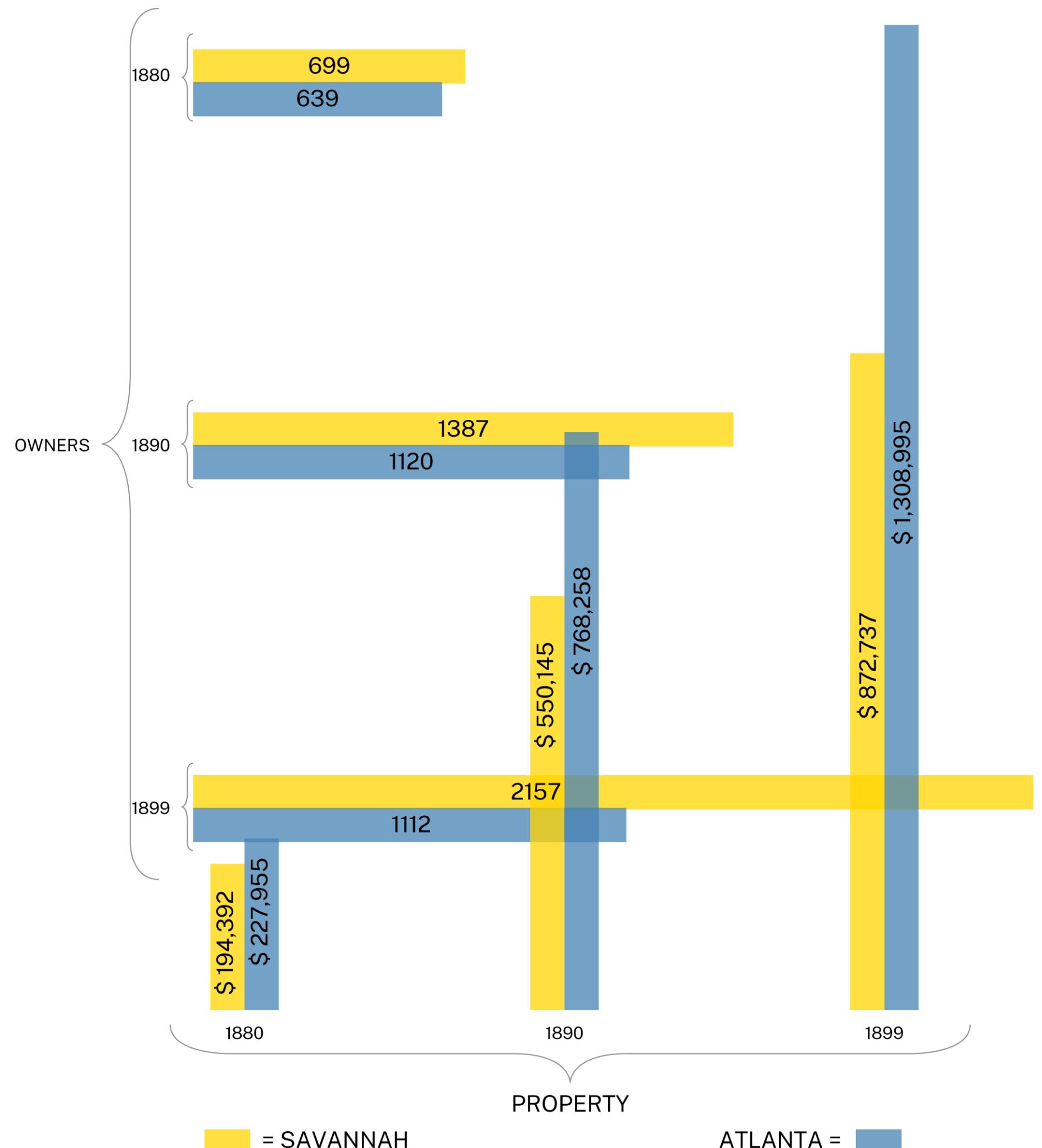


Plate 23

## VALUE OF FARMING TOOLS.

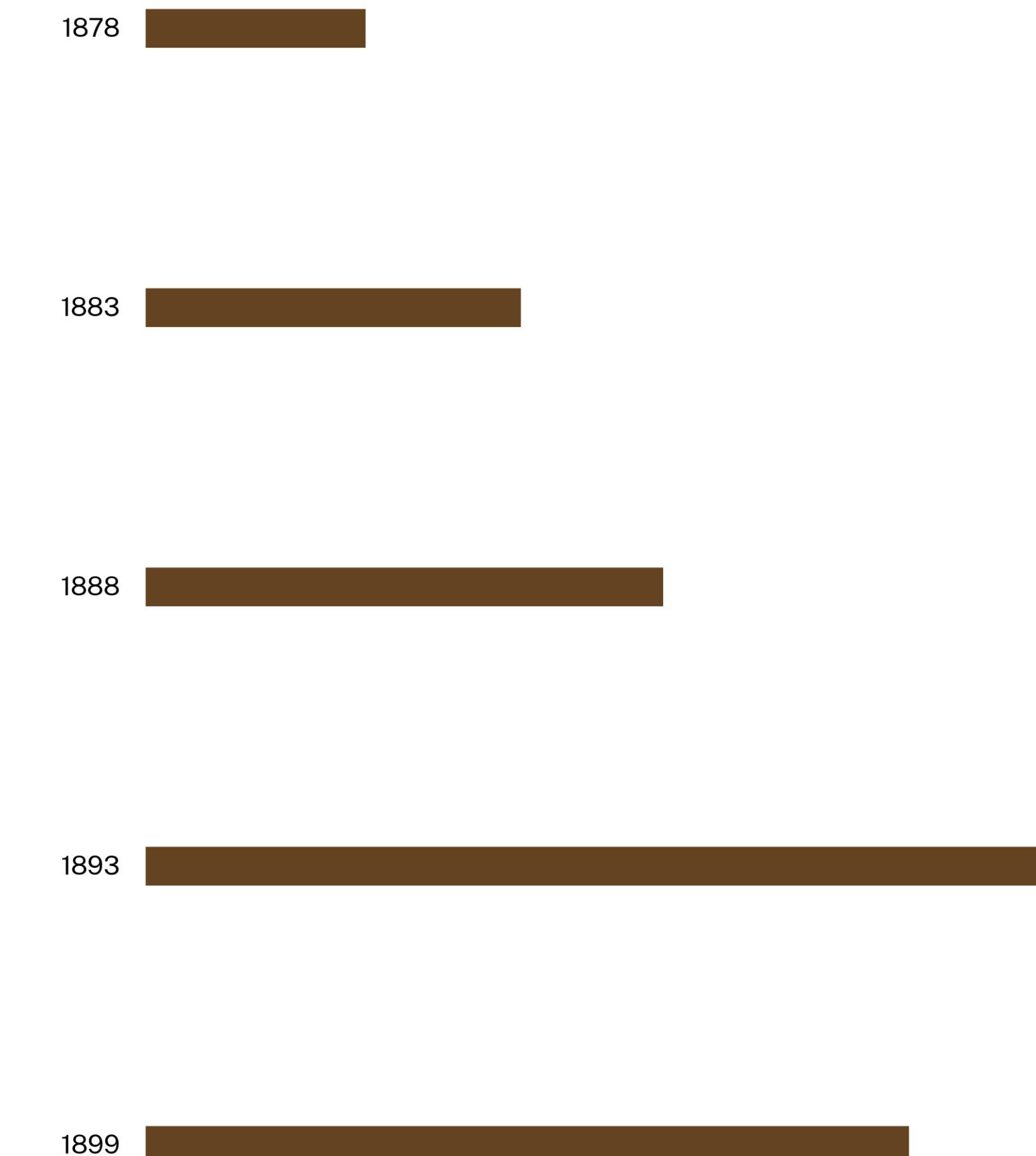


Plate 24

ASSESSED VALUE OF HOUSEHOLD AND KITCHEN FURNITURE  
OWNED BY GEORGIA NEGROES.

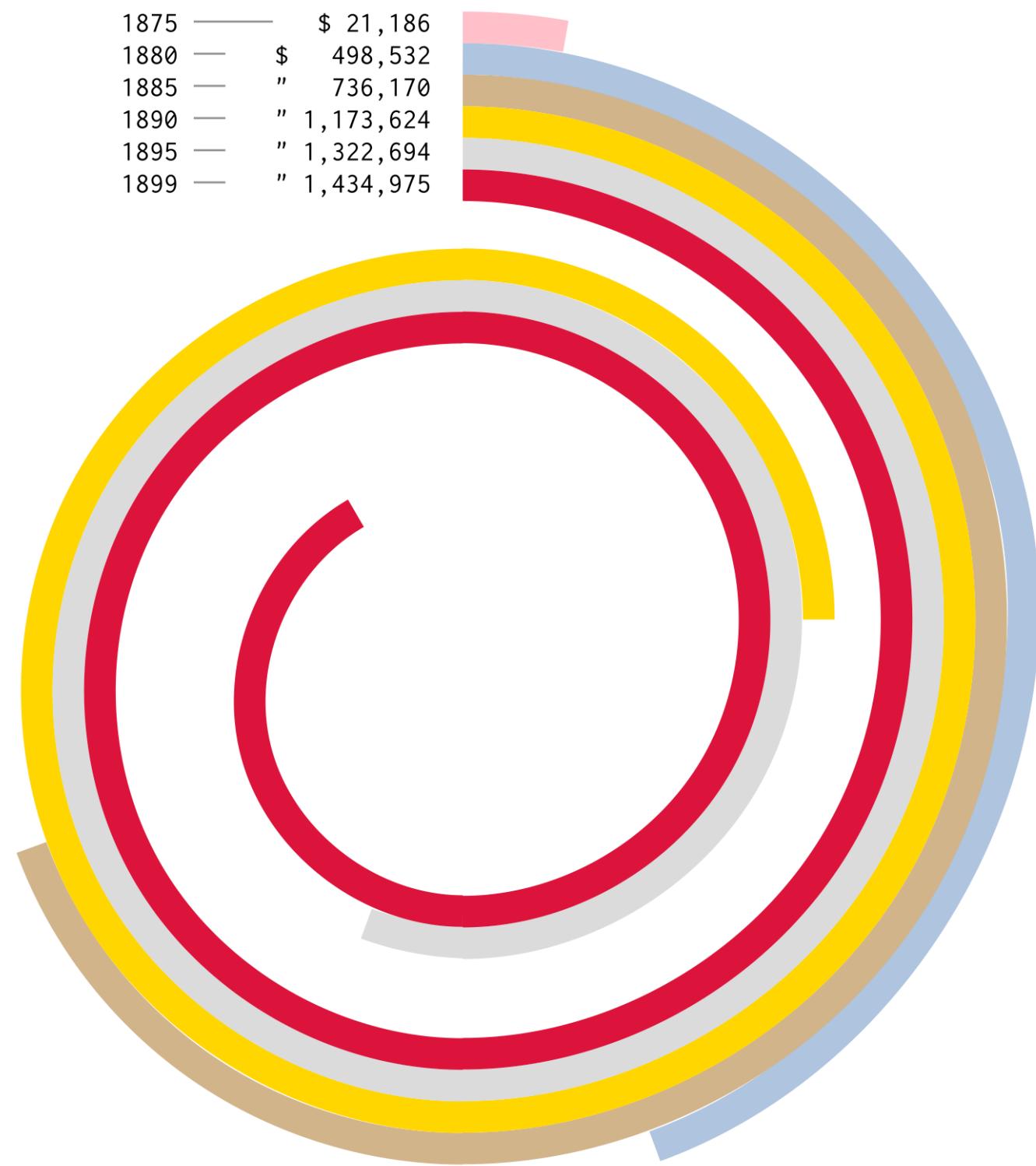


Plate 25

OCCUPATIONS OF GEORGIA NEGROES.  
MALES OVER 10

AGRICULTURAL LABORERS	98,400	■
FARMERS AND PLANTERS	63,012	■
LABORERS	29,723	■
STEAM RAILWAY EMMLOYEES	7,440	■
SERVANTS	7,000	■
DRAYMEN,HACKMEN	4,390	■
CARPENTERS AND JOINERS	3,781	■
SAW AND PLANING MILL EMMLOYEES	2,471	■
MESSENGERS	1,970	■
WOOD CHOPPERS	1,399	■
BLACKSMITHS AND WHEELWRIGHTS	1,328	■
CLERGYMEN	1,277	■
MASONS	1,243	■
BRICK-MAKERS AND MASONS	1,243	■
BARBERS	899	■
MERCHANTS	837	■
PAINTERS,GLAZERS AND VARNISHERS	676	■
BOOT AND SHOE MAKERS	632	■
PROFESSORS AND TEACHERS	620	■
LIVERY STABLE KEEPERS	620	■
ENGINEERS	520	■
GARDNERS AND FLORISTS	519	■

1890.

Plate 26

## OCCUPATIONS OF NEGROES AND WHITES IN GEORGIA.

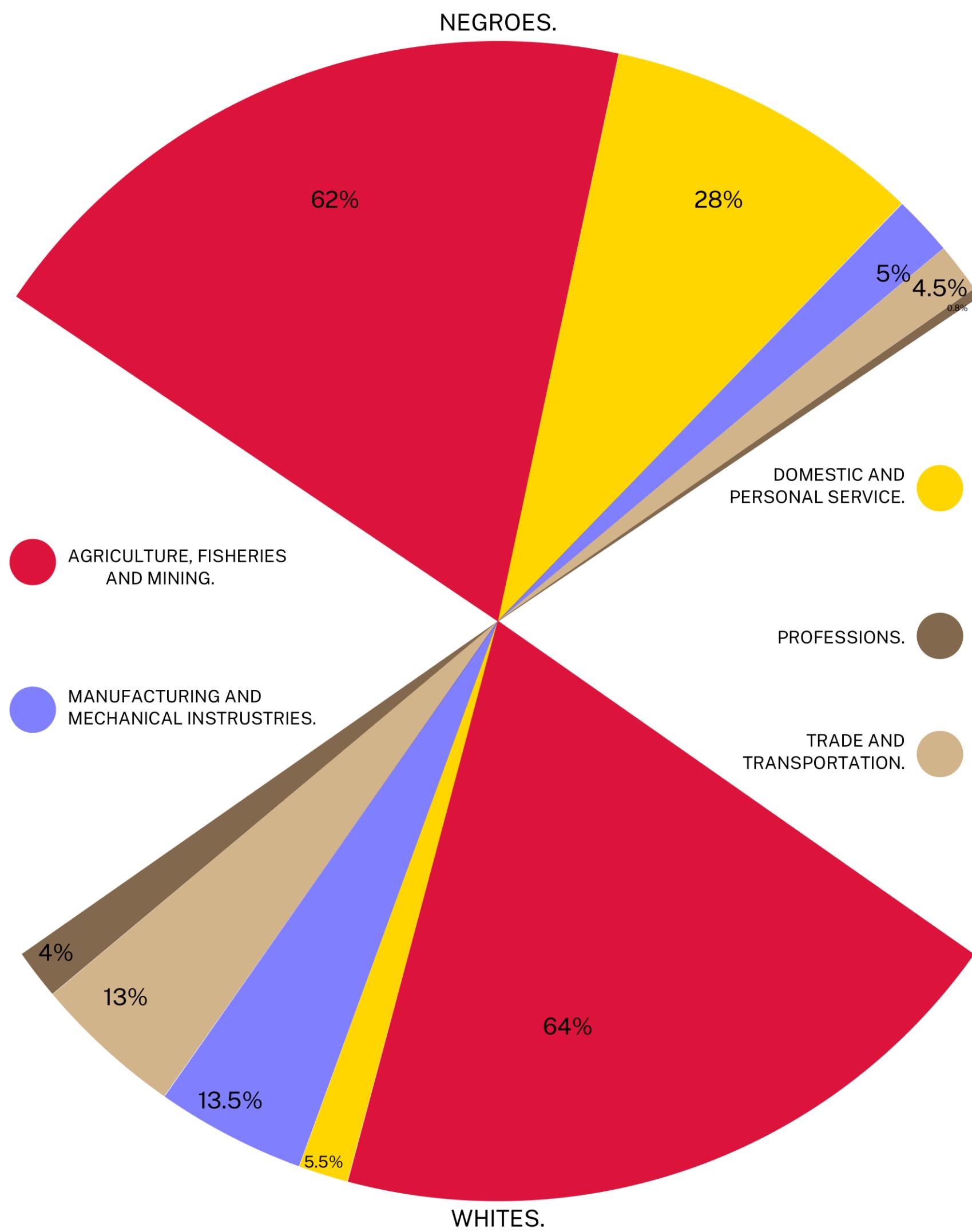


Plate 27

## CONDITION OF 300 NEGRO FARM TENANTS AFTER 1 YEAR'S TOIL, 1898.

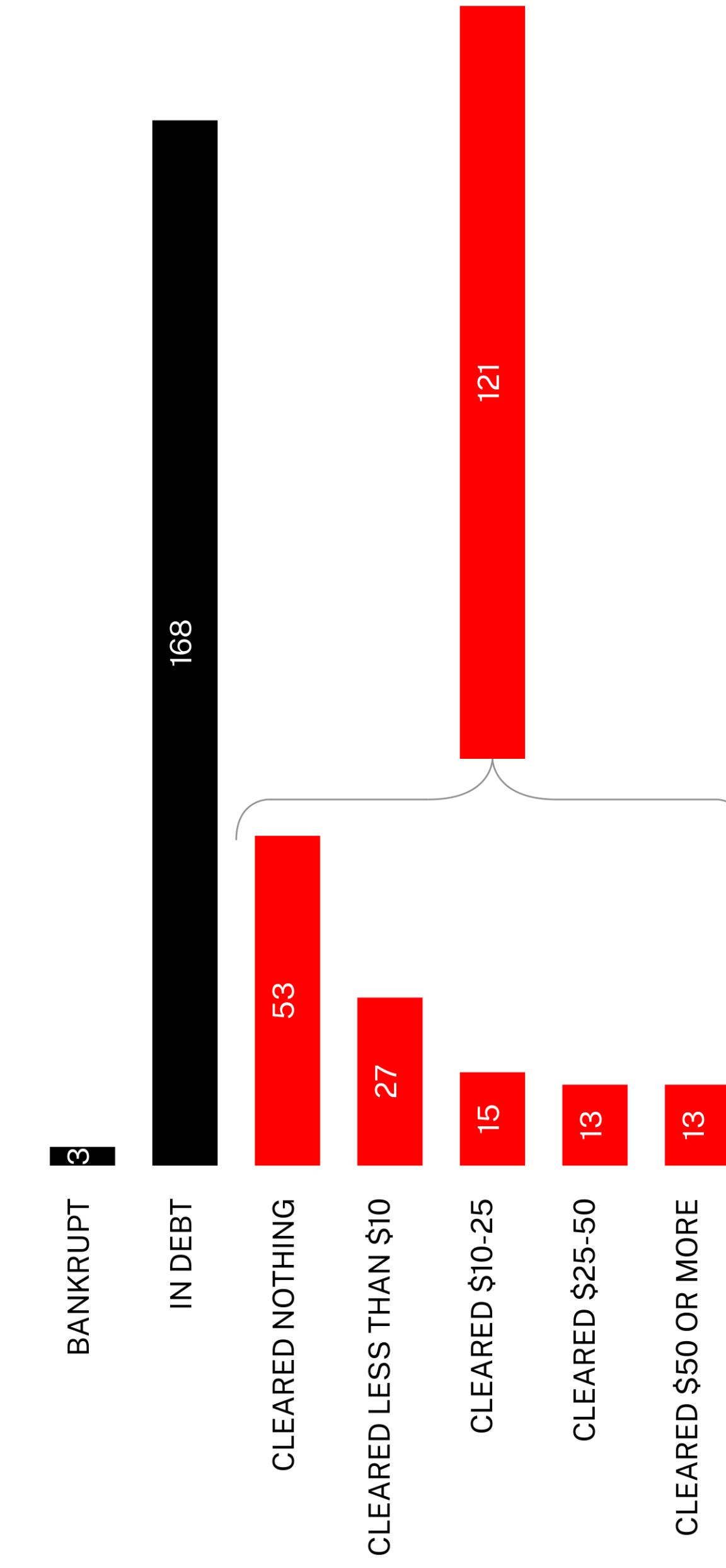


Plate 30

## INCOME AND EXPENDITURE OF 150 NEGRO FAMILIES IN ATLANTA, GA., U.S.A.

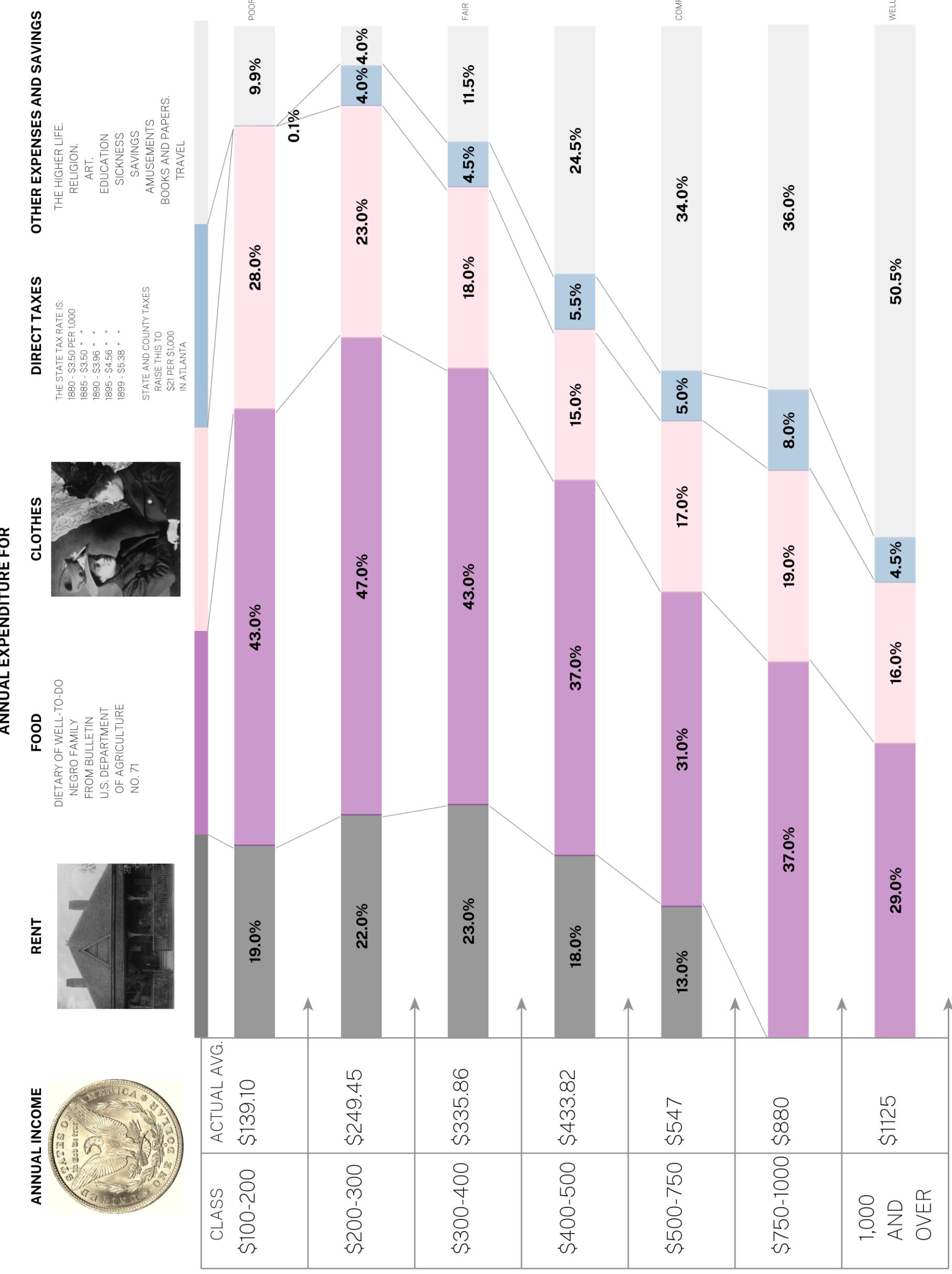


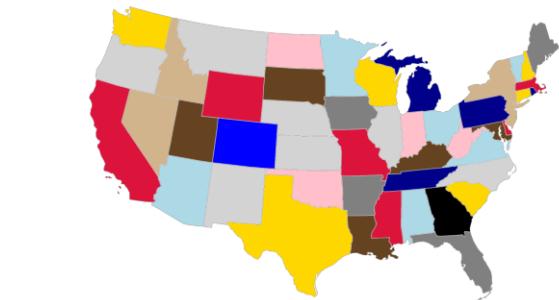
Plate 31

## A SERIES OF STATISTICAL CHARTS, ILLUSTRATING THE CONDITIONS OF THE DESCENDANTS OF FORMER AFRICAN SLAVES NOW RESIDENT IN THE UNITED STATES OF AMERICA.

UNE SÉRIE DE CARTES ET DIAGRAMMES STATISTIQUES MONTRANT LA CONDITION PRÉSENTE DES DESCENDANTS DES ANCIENS ESCLAVES AFRICAINS ACTUELLLEMENT ÉTABLIS DANS LES ETATS UNIS D'AMÉRIQUE.

PREPARED AND EXECUTED BY  
NEGRO STUDENTS UNDER THE  
DIRECTION OF  
ATLANTA UNIVERSITY  
ATLANTA, GA.  
UNITED STATES OF AMERICA

PREPARE ET EXECUTE PAR  
NÈGRES ÉTUDIANTS SOUS  
LA DIRECTION DE L'UNIVERSITÉ ATLANTA  
D'ATLANTA  
ETAT DE GEORGIA  
ETATS UNIS D'AMÉRIQUE



THE UNIVERSITY WAS FOUNDED IN 1867. IT HAS INSTRUCTED 6000 NEGRO STUDENTS  
L'UNIVERSITÉ A ÉTÉ FONDÉE EN 1867. LA DONNÉ L'INSTRUCTION A 6000 ÉTUDIANTS NÈGRES  
IT HAS GRADUATED 330 NEGROES AMONG WHOM ARE:  
ELLE A D'ÉLIVRE DES DIPLÔMES A 330 NÈGRES DONT:



THE UNIVERSITY HAS 20 PROFESSORS AND INSTRUCTORS AND 250 STUDENTS AT PRESENT.  
IT HAS FIVE BUILDINGS, 60 ACRES OF CAMPUS AND A LIBRARY OF 11,000 VOLUMES. IT AIMS TO RAISE  
AND CIVILIZE THE SONS OF THE FREEDMEN BY TRAINING THEIR MORE CAPABLE MEMBERS IN THE LIBER-  
AL ARTS ACCORDING TO THE BEST STANDARDS OF THE DAY.

THE PROPER ACCOMPLISHMENT OF THIS WORK DEMANDS AN ENDOWMENT FUND OF \$500,000.

L'UNIVERSITÉ A ACTUELLEMENT 20 PROFESSEURS ET INSTRUCTEURS ET 250 ÉTUDIANTS  
ELLE EST COMPOSÉE DE CINQ BÂTIMENTS, 60 ACRES (ENVIRON 26 HECTARES) DE TERRAIN SERVANT DE  
COUR ET DE CHAMP DE RÉCREATION, ET D'UNE BIBLIOTHÈQUE CONTENANT 11,000 VOLUMES.

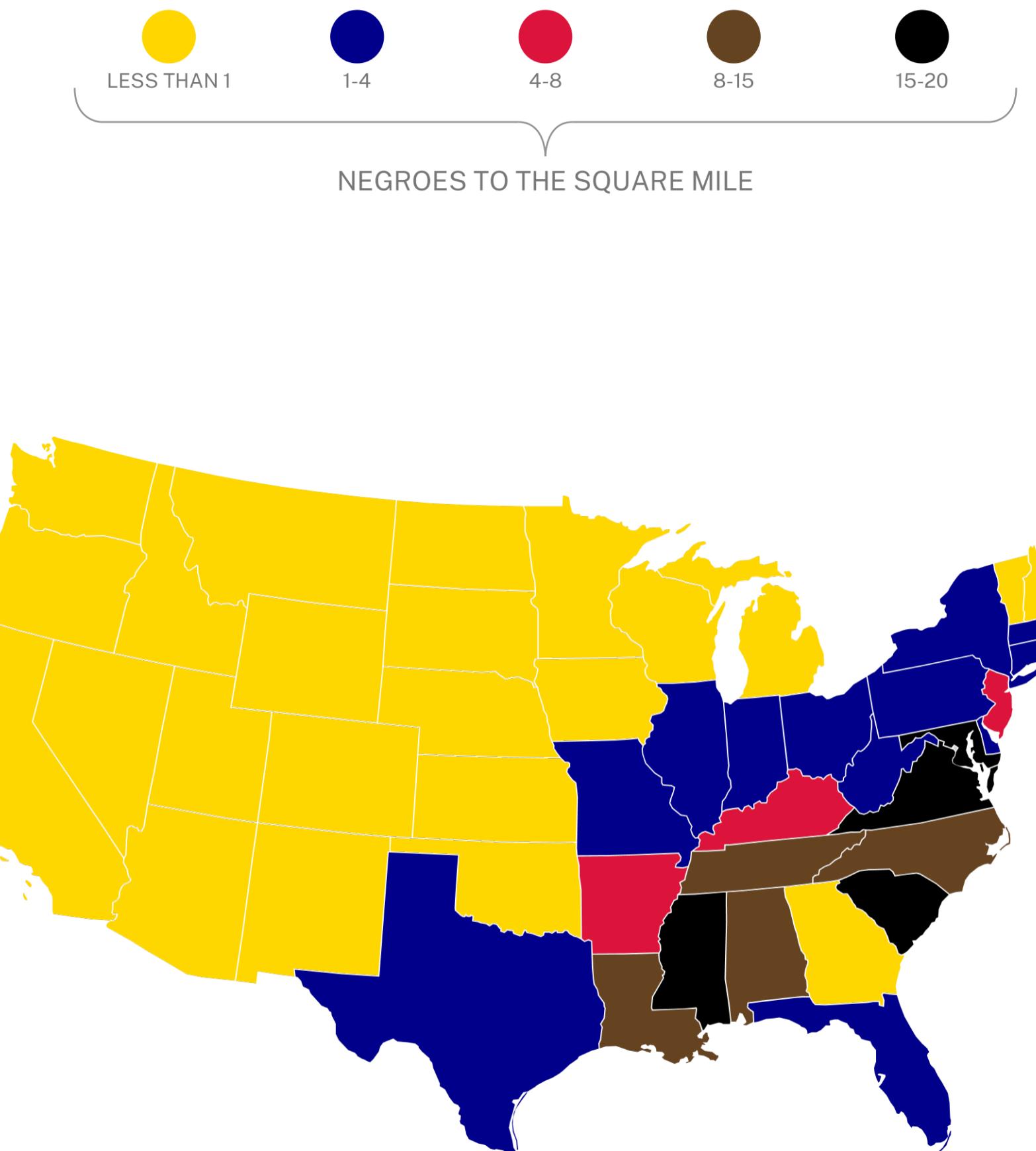
SON BUT EST D'ÉLEVER ET DE CIVILISER LES FILS DES NEGRES AFFRANCHIS EN DONNANT AUX MEUX  
DOUES UNE ÉDUCATION DANS LES ARTS LIBÉRAUX EN ACCORD AVEC LES IDÉES LES PLUS PROGRESS-  
SISTES DE L'ÉPOQUE.

L'ACCOMPLISSEMENT DE CETTE ŒUVRE DEMANDE UNE DOTATION DE \$500,000 (2,500,000 FRANCS)

Plate 37

## DISTRIBUTION OF NEGROES IN THE UNITED STATES.

DISTRIBUTION DES NÈGRES DANS LES ETATS UNIS.



NEGROES TO THE SQUARE MILE

Increase of the Negro population in the United States of America

Accroissement de la population Negre aux États-Unis d'Amérique

1750 - 220,000

1760 - 310,000

1770 - 462,000

1780 - 562,000

1790 - 757,208

1800 - 1,002,037

1810 - 1,377,808

1820 - 1,771,656

1830 - 2,328,642

1840 - 2,873,648

1850 - 3,638,808

1860 - 4,441,830

1870 - 4,880,009

1880 - 6,580,793

1890 - 7,470,040

Comparative rate of increase of the White and Negro elements  
population of the United States

Accroissement proportionnel des éléments blancs et noirs aux Etats Unis

Done by Atlanta University

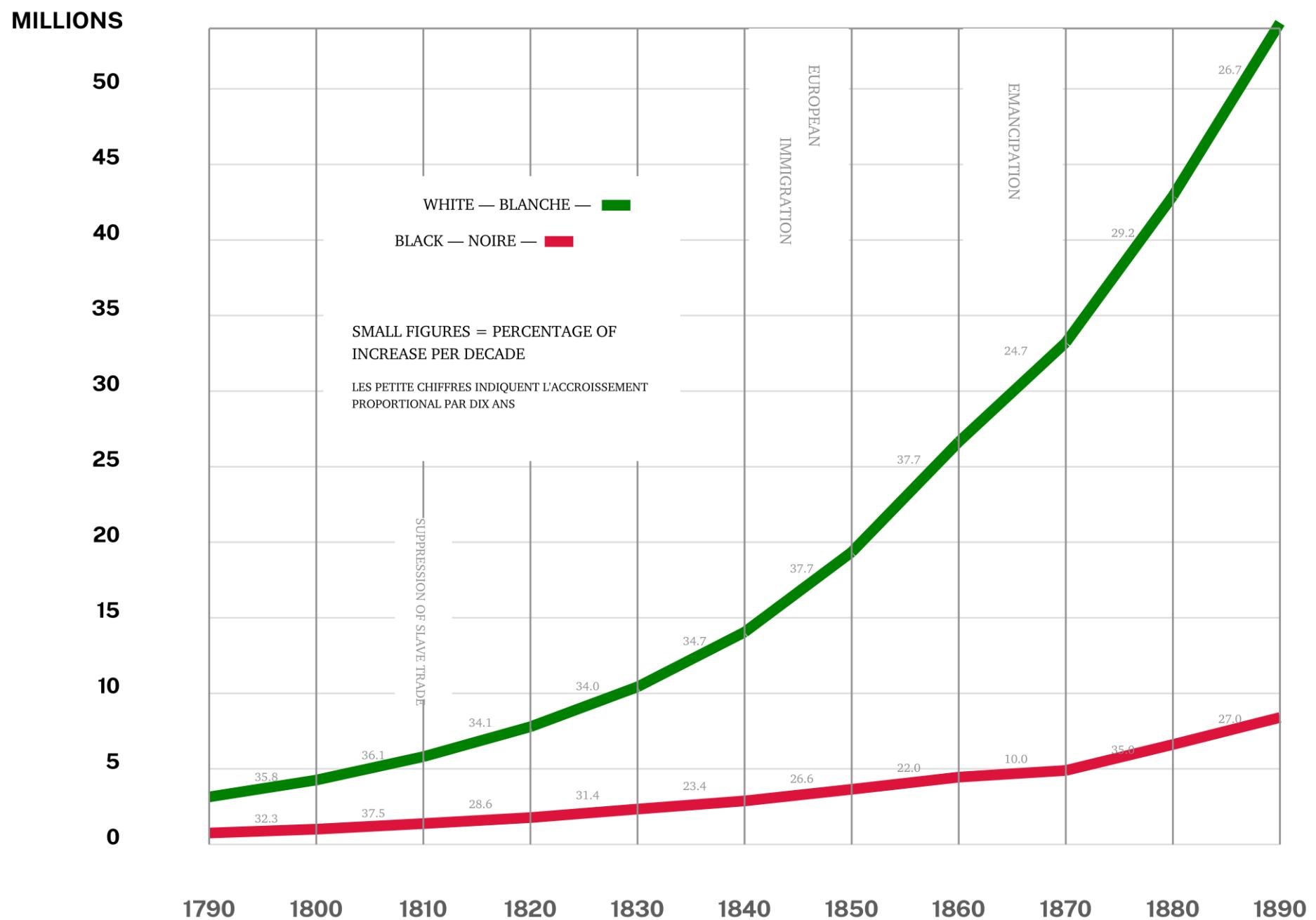


Plate 40

NEGRO POPULATION OF THE UNITED STATES COMPARED WITH THE TOTAL POPULATION OF OTHER COUNTRIES.

POPULATION NÈGRE DES ETATS UNIS COMPARÉE À LA POPULATION TOTALE DES AUTRES PAYS.



Plate 41

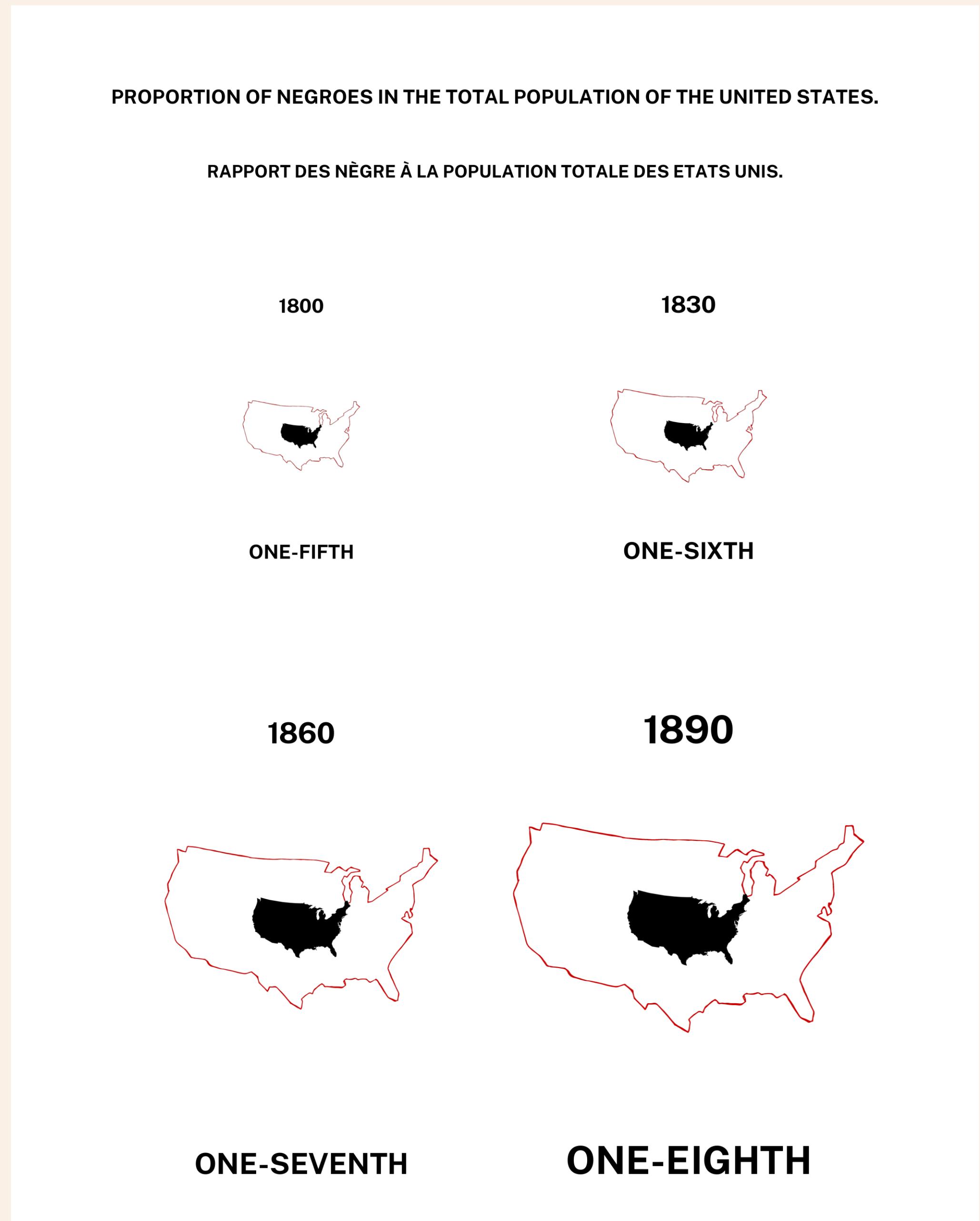


Plate 42

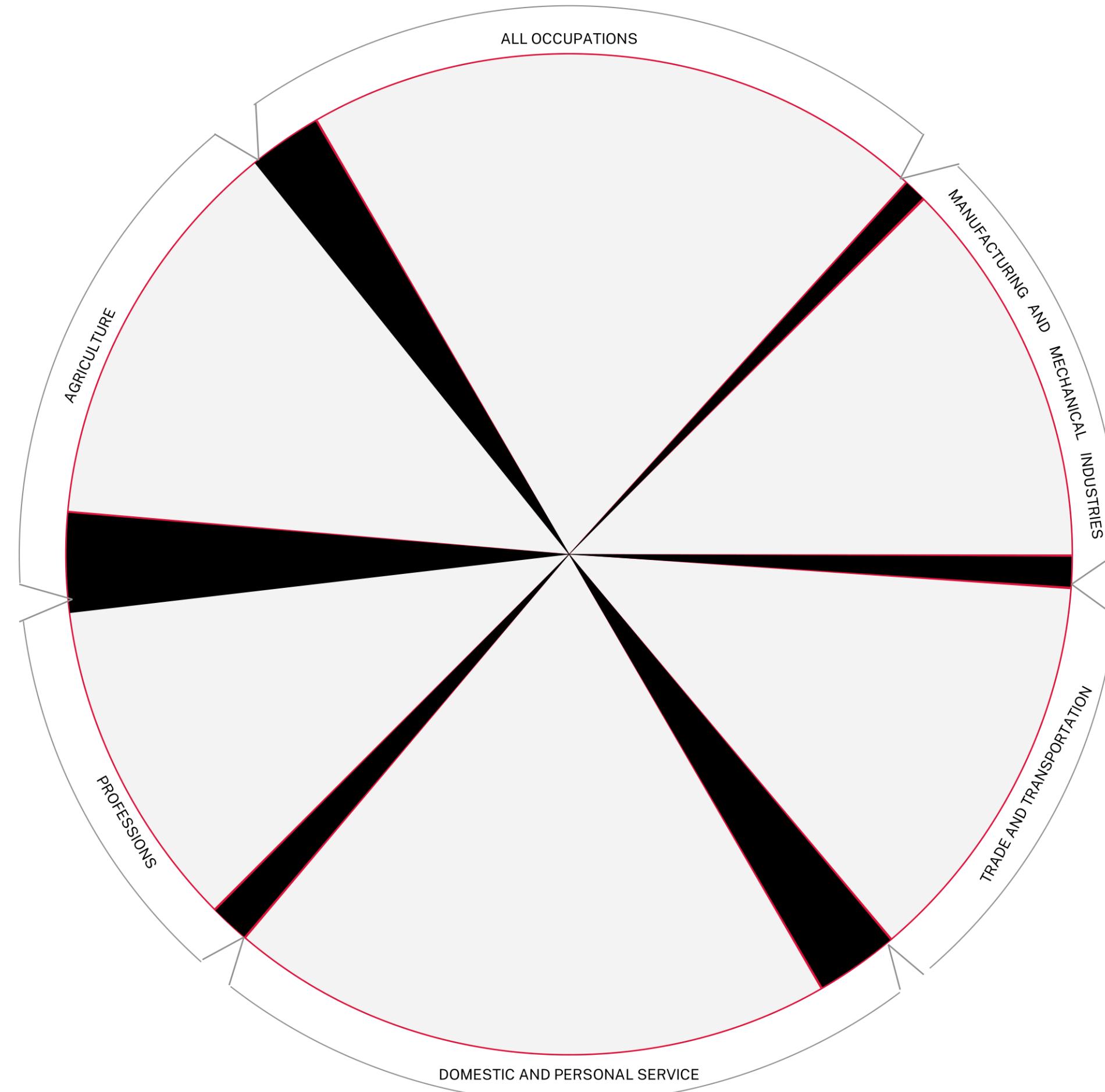


Plate 43

Proportion of Whites and Negroes in the different classes  
occupation in the United States

Proportion des blancs et des Nègres dans les diverses especes d' occupations en Amerique

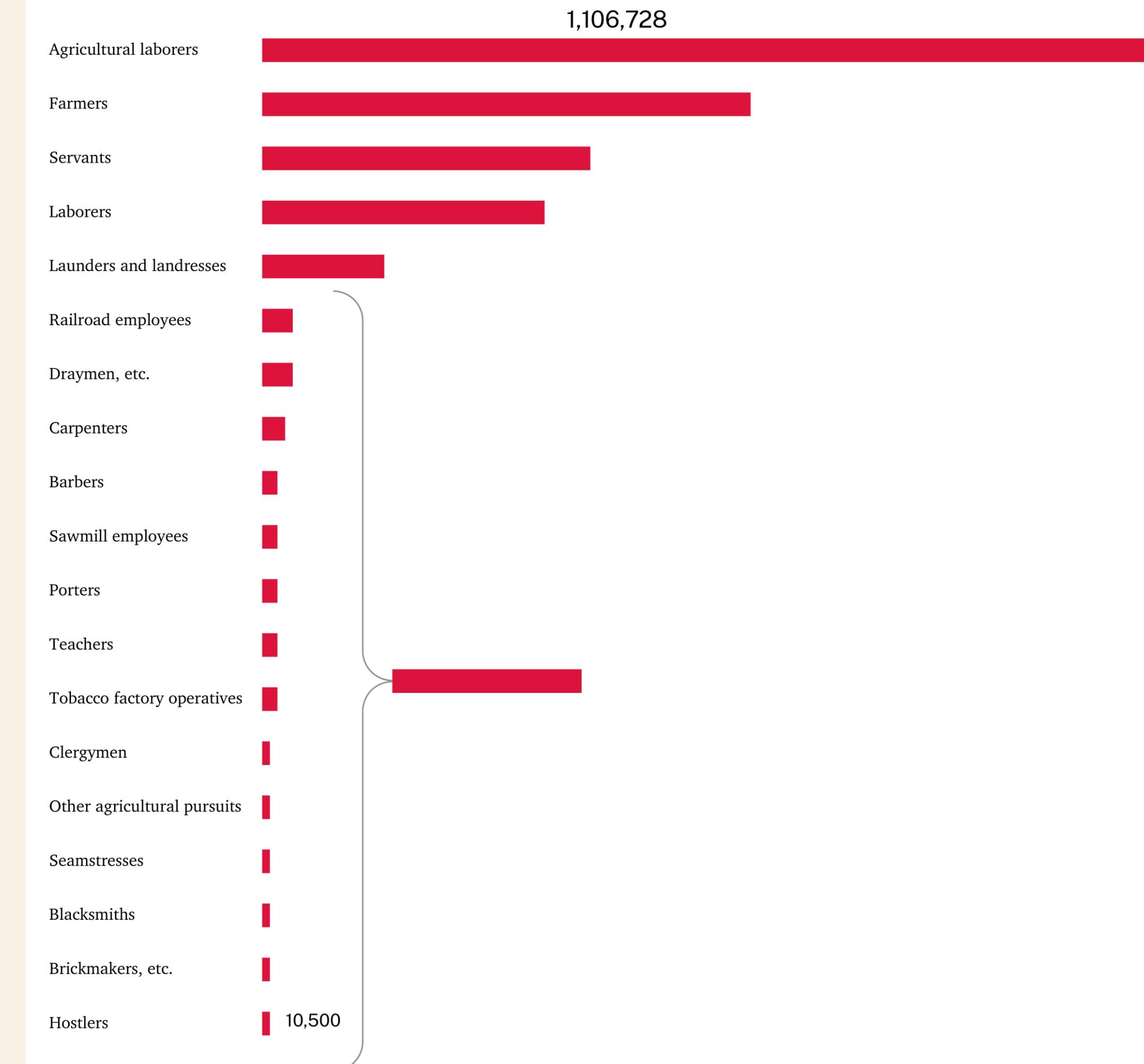
Done by Atlanta University



Occupations in which 10,000 or more American Negroes are engaged.

Emplois occupant au mois 10,000 Nègres Americains

Done by Atlanta University



Number of Negro teachers in the Public Schools of the United States

Nombre d' institueurs et de professuers Nègres dans les écoles publiques des Etats Unis

Done by Atlanta University



Plate 46

Illiteracy of the American Negroes compared with that of other nations.

Proportion d' illettrés les Nègres Americains comparée à celle des autres nations.

Done by Atlanta University.

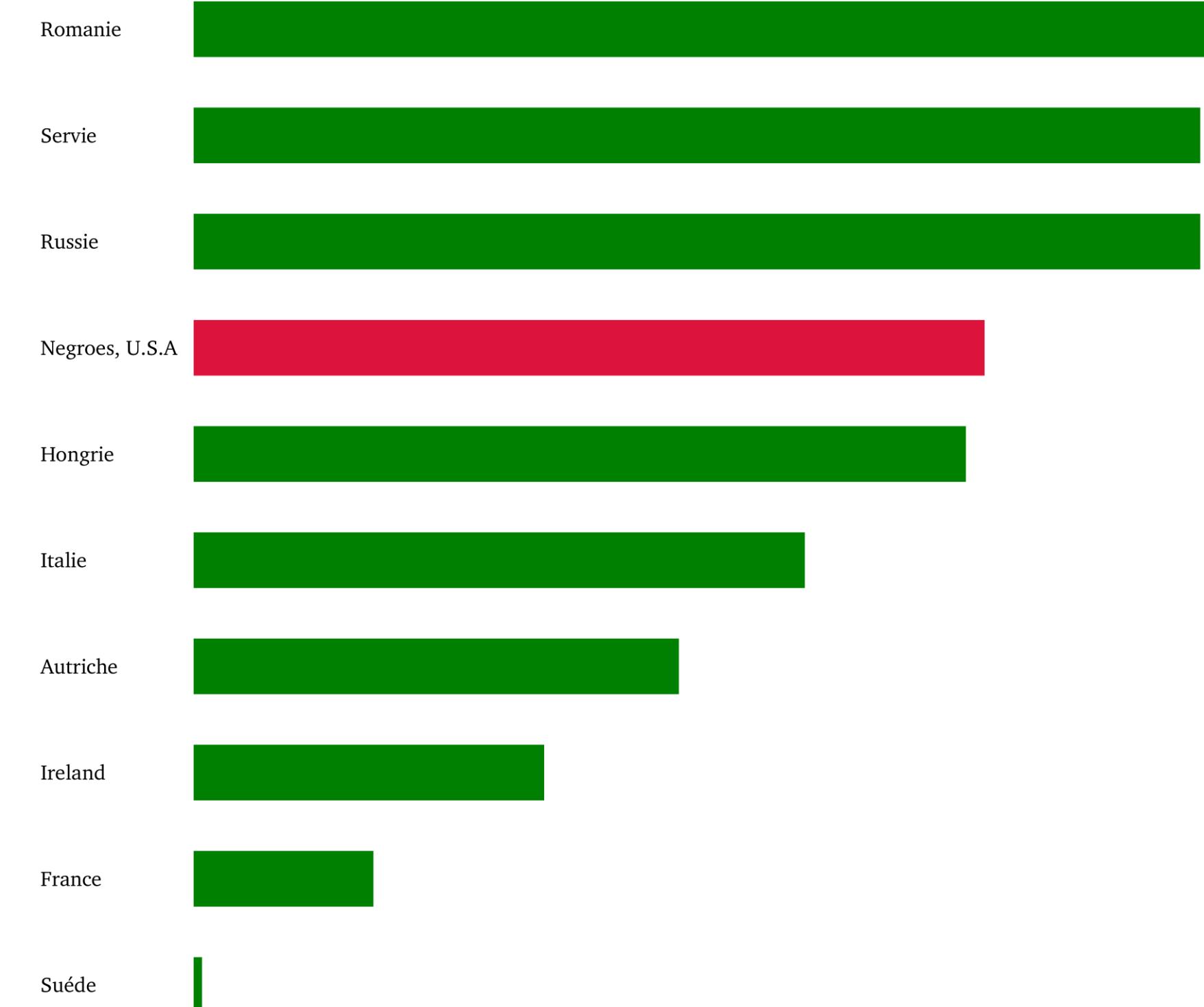


Plate 47

Enrollment in the Negro common school of the former slave States.  
of the United States

Inscriptions dans les écoles primaires des anciens états esclaves des Etats Unis.

Done by Atlanta University.

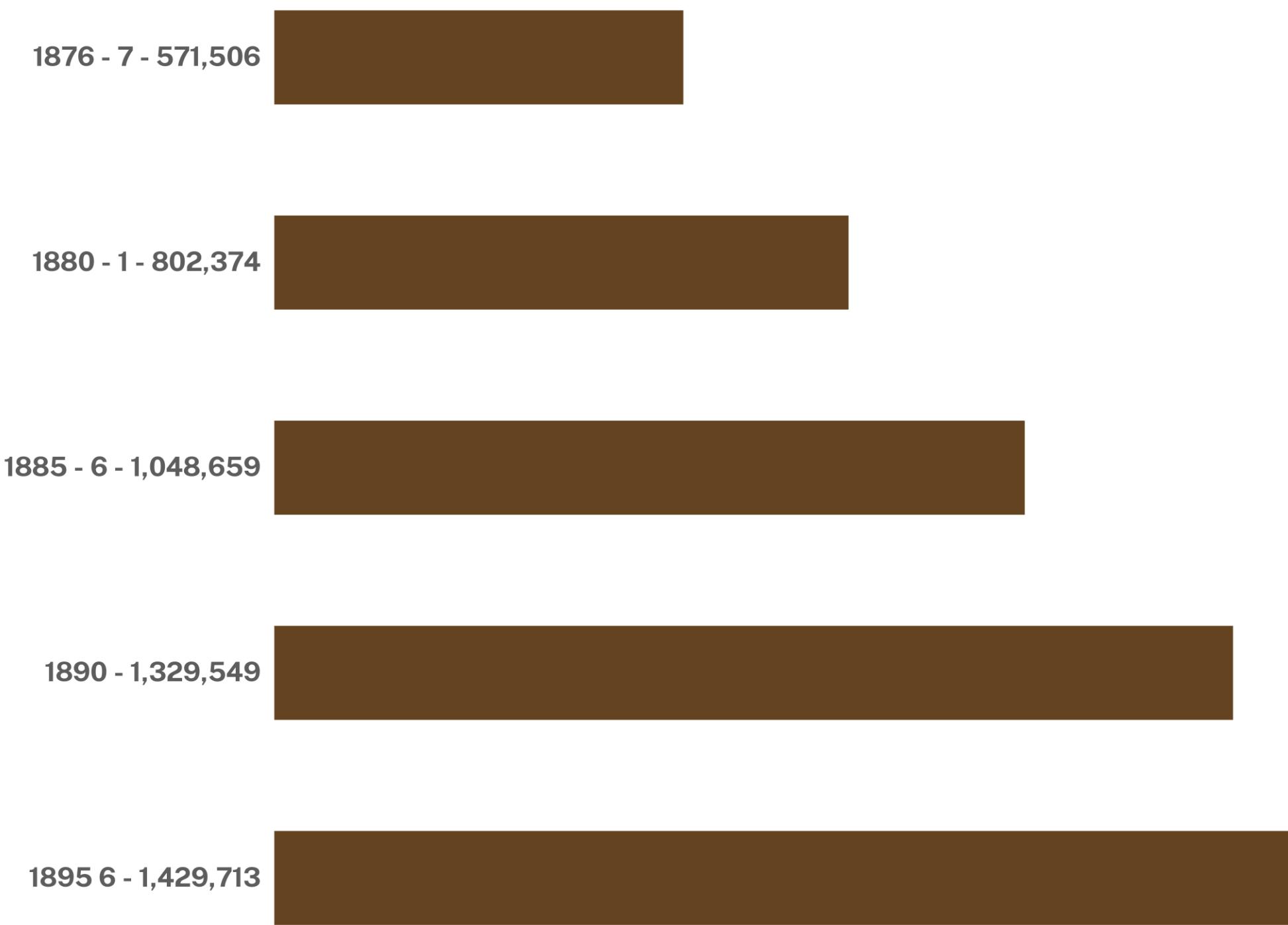


Plate 48

PROPORTION OF TOTAL NEGRO CHILDREN OF SCHOOL AGE WHO ARE ENROLLED IN THE PUBLIC SCHOOLS.

PROPORTION DE ENFANTS NÈGRES D'ÂGE ÉCOLES ENREGISTRÉS DANS LES ÉCOLES PUBLIQUES.

DONE BY ATLANTA UNIVERSITY.

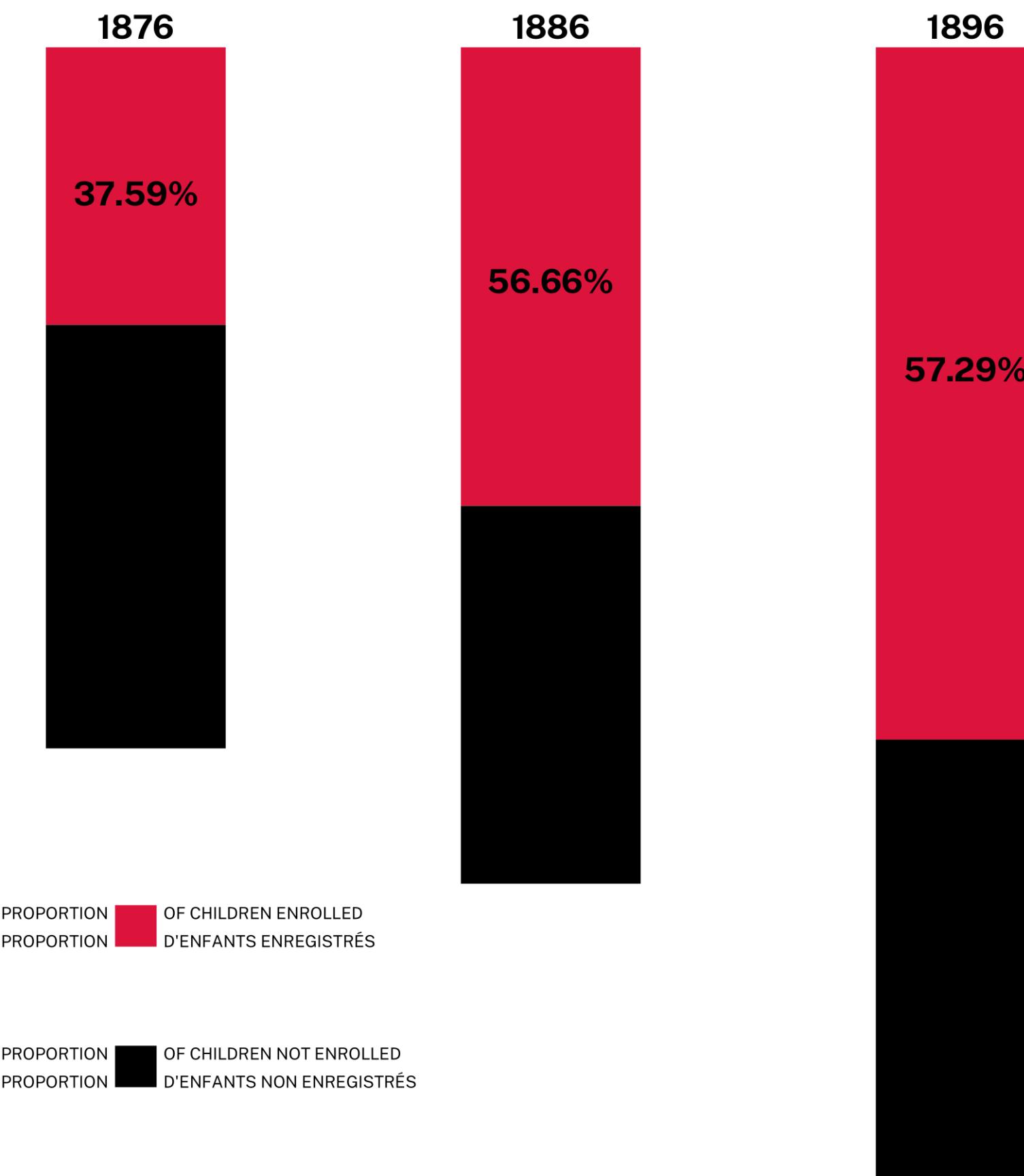


Plate 49

THE RISE OF THE NEGROES FROM SLAVERY TO FREEDOM IN ONE GENERATION

PROGRÈS GRADUEL DES NEGROES DE L'ESCLAVAGE À LA LIBERTÉ EN UNE GÉNÉRATION

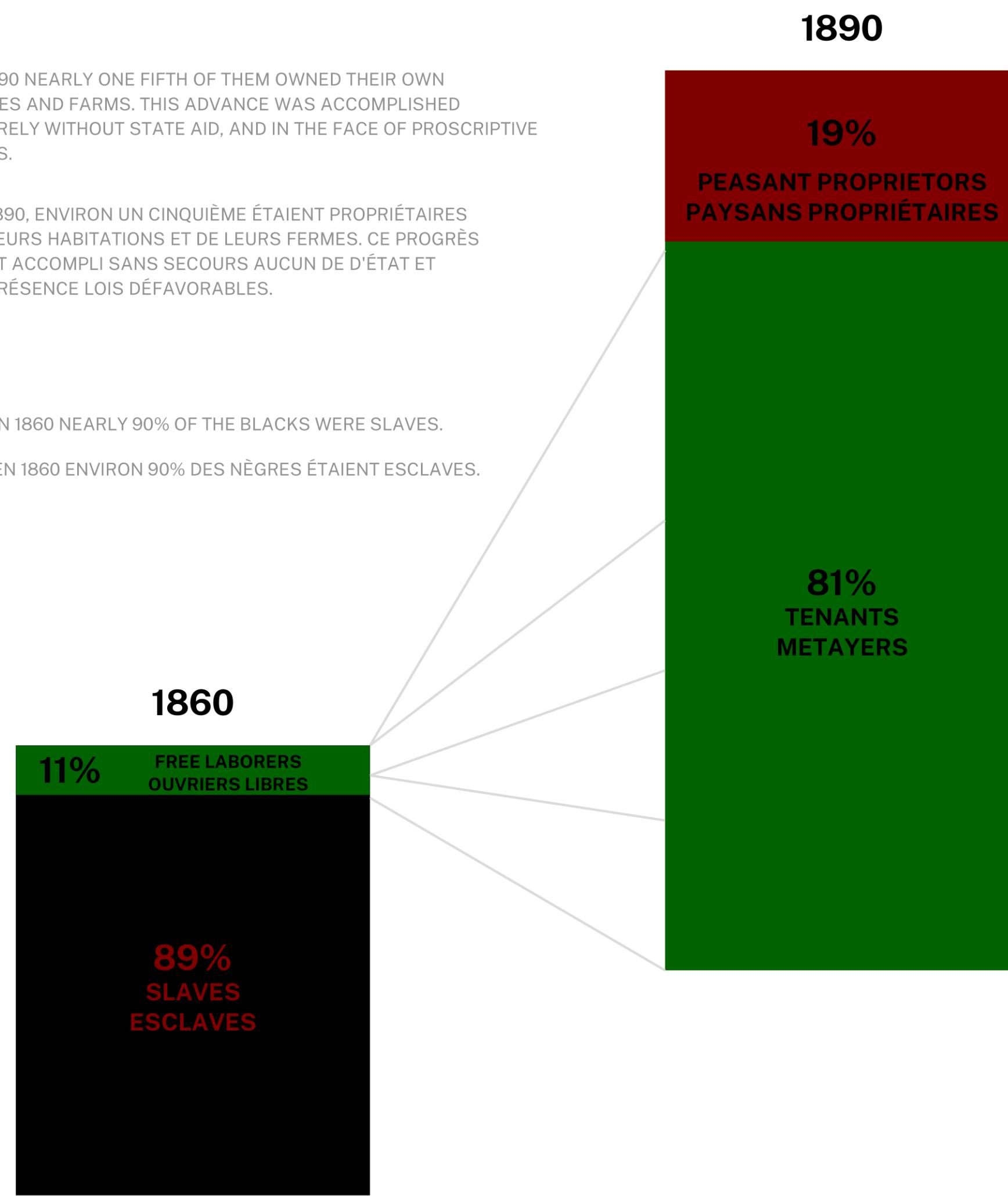


Plate 50

PROPORTION OF FREEMEN AND SLAVES AMONG AMERICAN NEGROES.

PROPORTION DES NÈGRES LIBRES ET DES ESCLAVES EN AMÉRIQUE.

DONE BY ATLANTA UNIVERSITY.

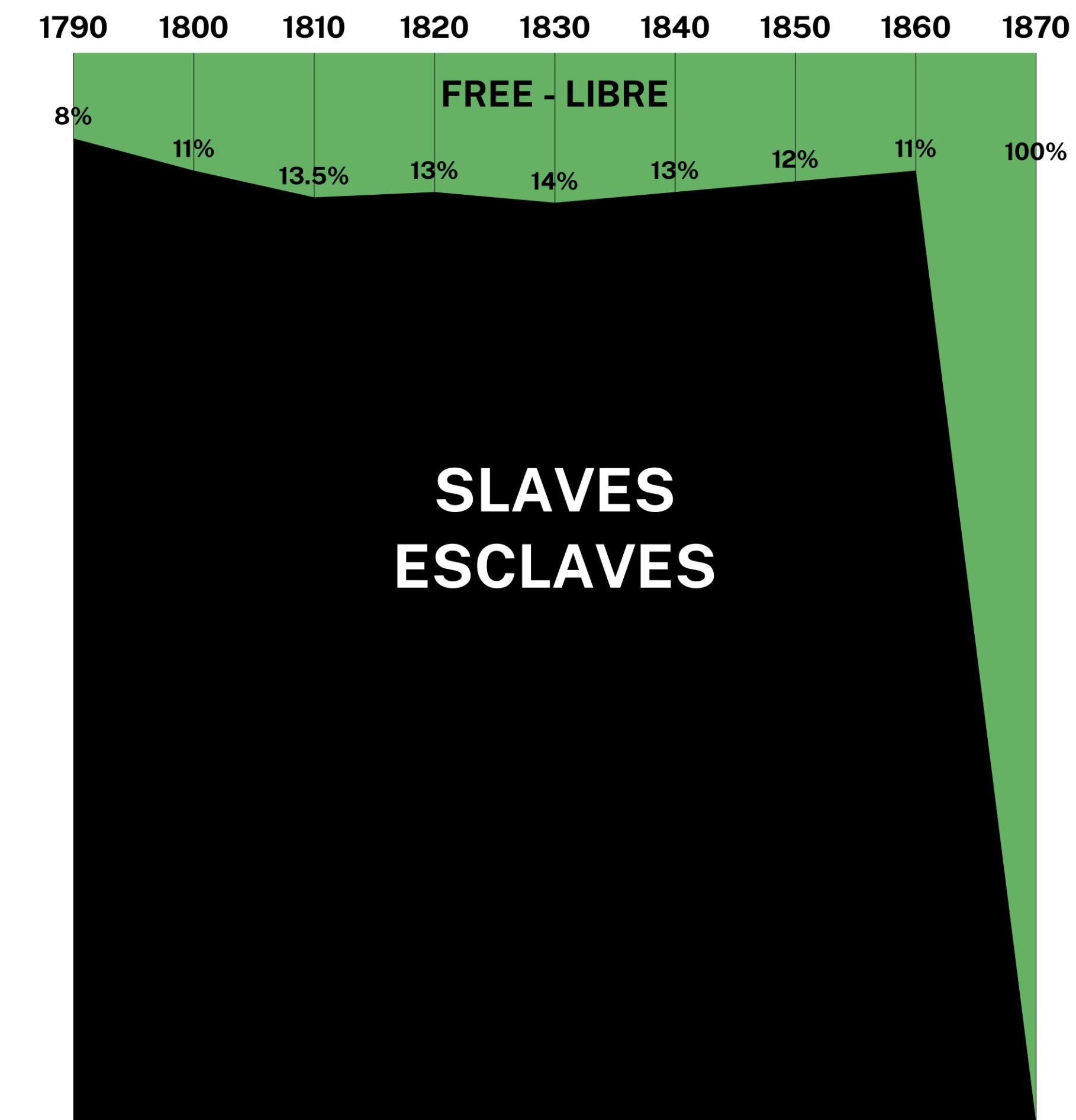


Plate 51

1

CITY AND RURAL POPULATION AMONG AMERICAN NEGROES IN THE FORMER SLAVE STATES

POPULATION DES NÈGRES HABITANT LES VILLES ET DE CEUX HABITANT LES COMPAGNES DANS LES ANCIENS

ETATS ESCLAVES

PROPORTION  LIVING IN CITIES OF 8,000 INHABITANTS OR MORE  
PROPORTION DANS LES VILLES DE 8,000 HABITANTS DU PLUS

PROPORTION  LIVING IN VILLAGES OR COUNTRY DISTRICTS  
PROPORTION DANS LES VILLES ET LES COMPAGNES



Plate 52

Conjugal condition of American Negroes according to age periods.

Condition conjugale des Nègres Americains au point de vue le l'âge

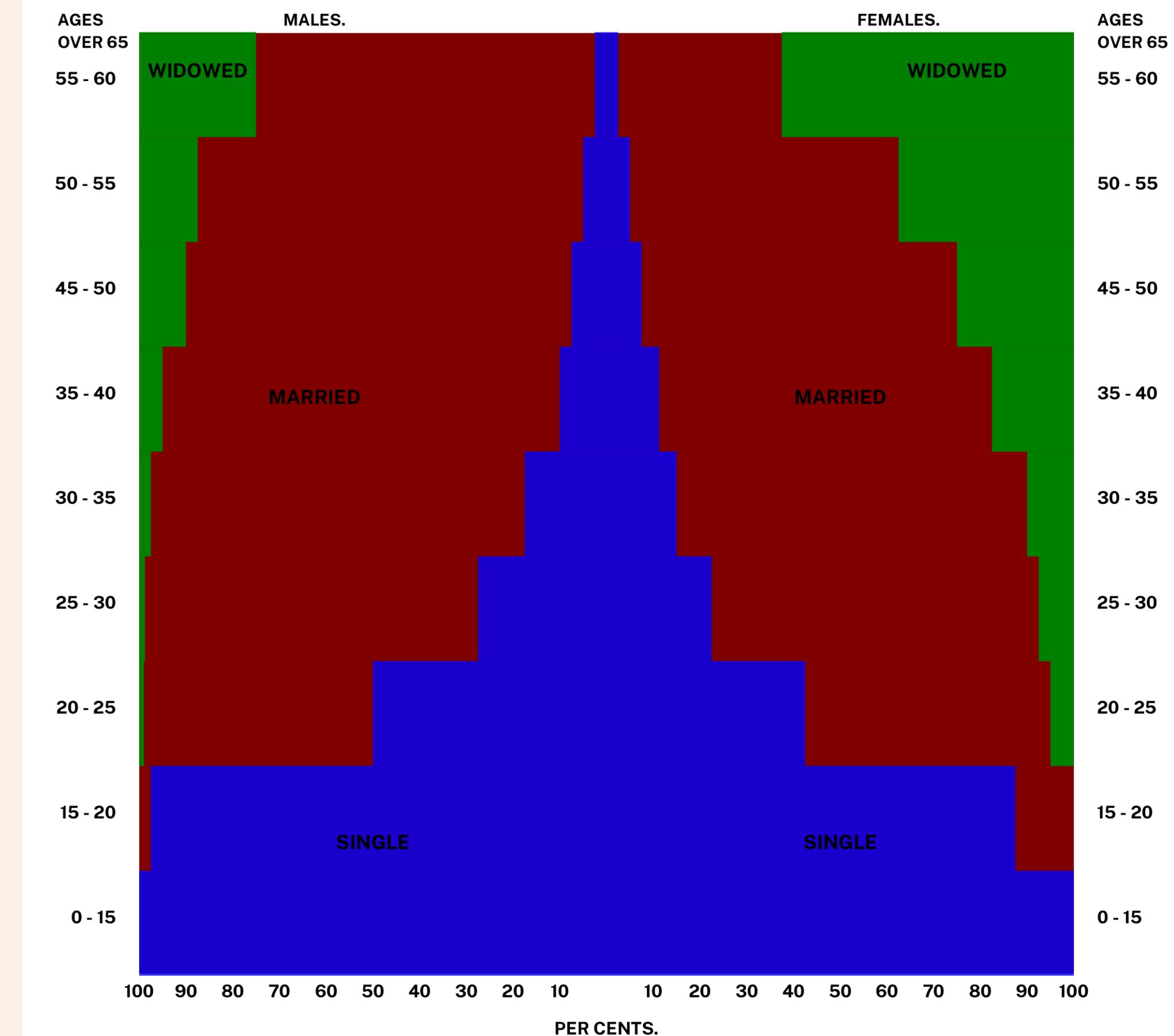


Plate 53

Amalgamation of the White and Black elements of the population  
in the United States

Amalgamation des éléments blancs et noirs parmi la population Américaine

Done by Atlanta University

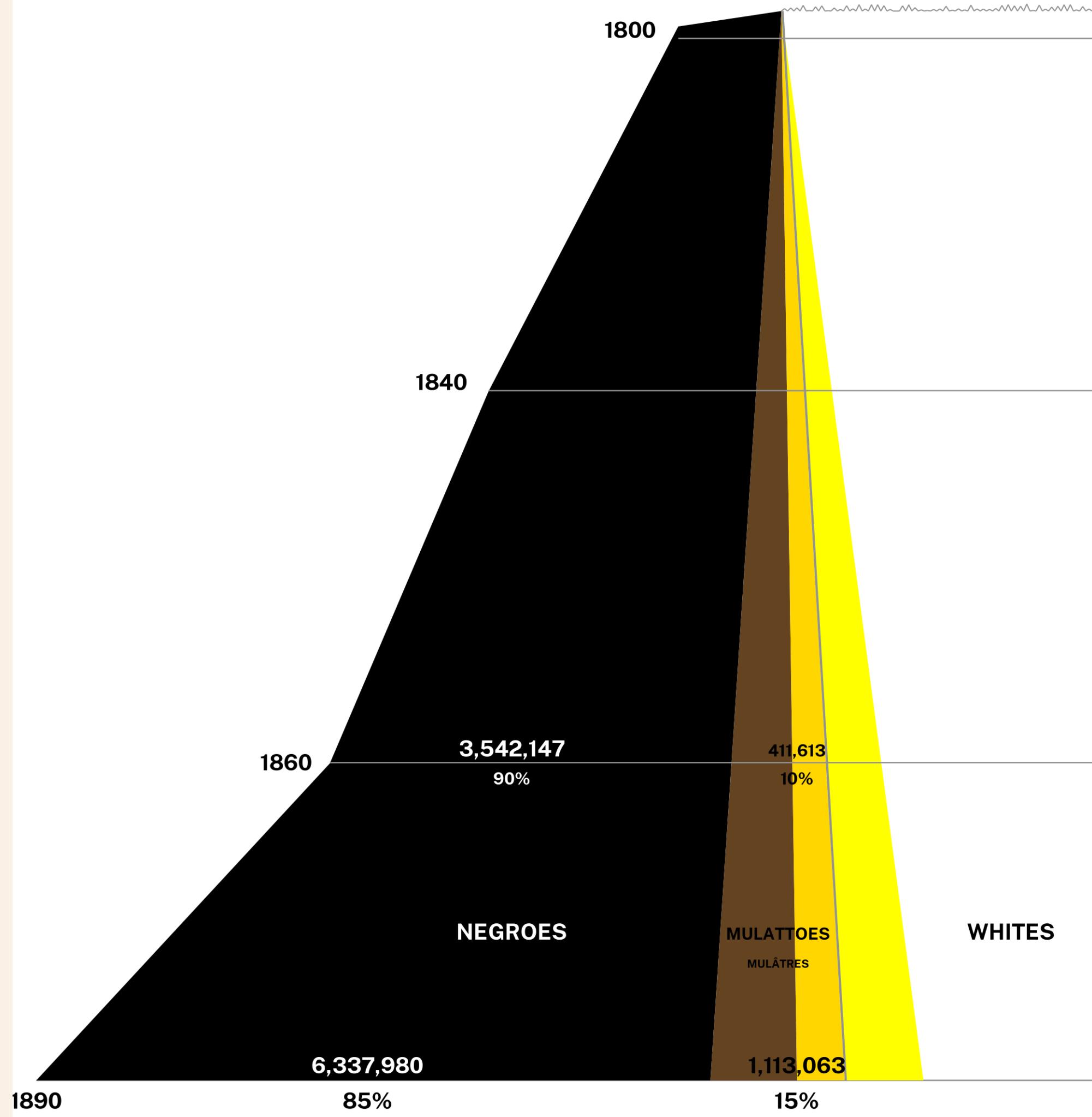


Plate 54

Propriétés contribuables des Nègres dans trois Etats des Etats Unis

Done by Atlanta University

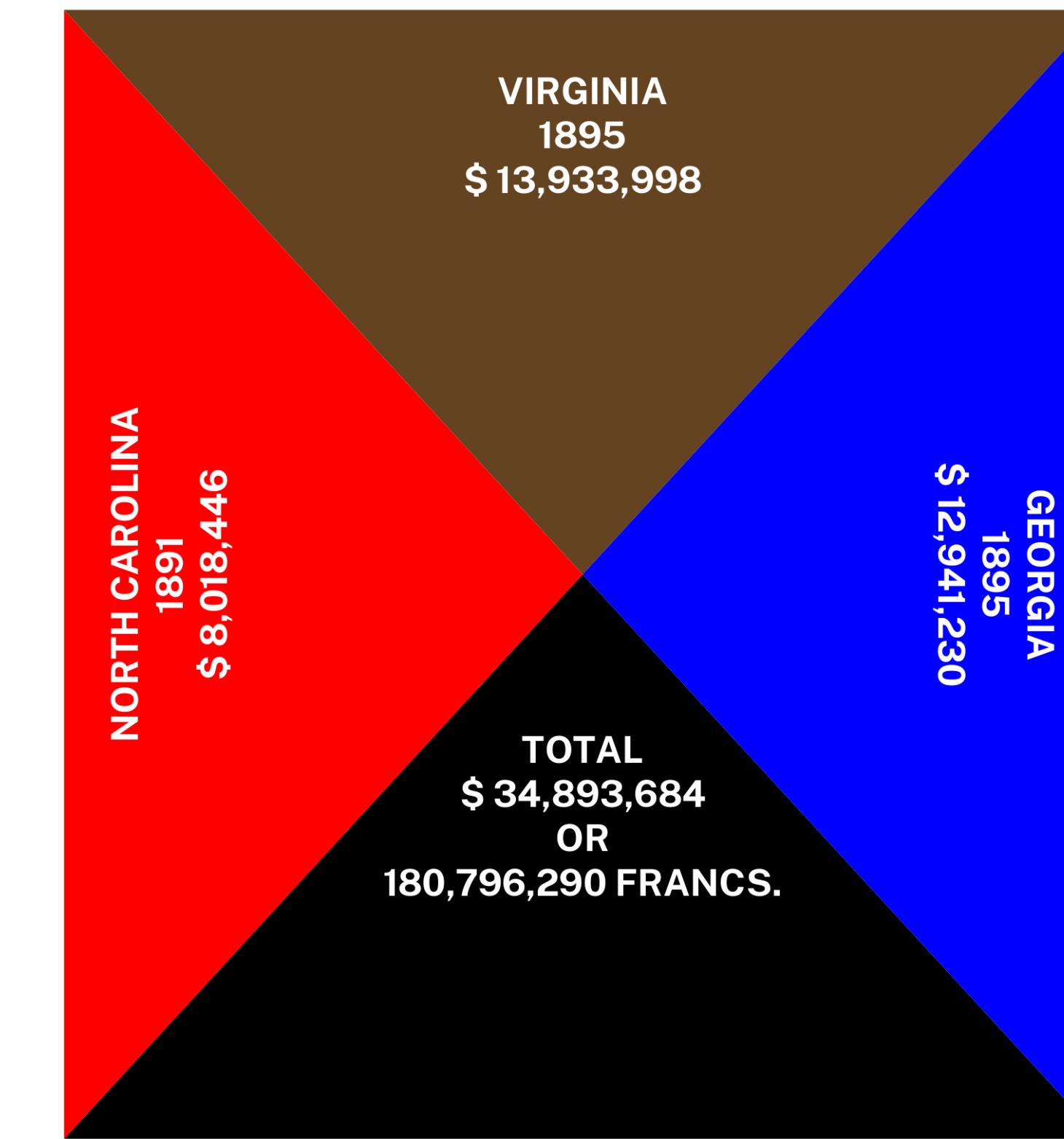
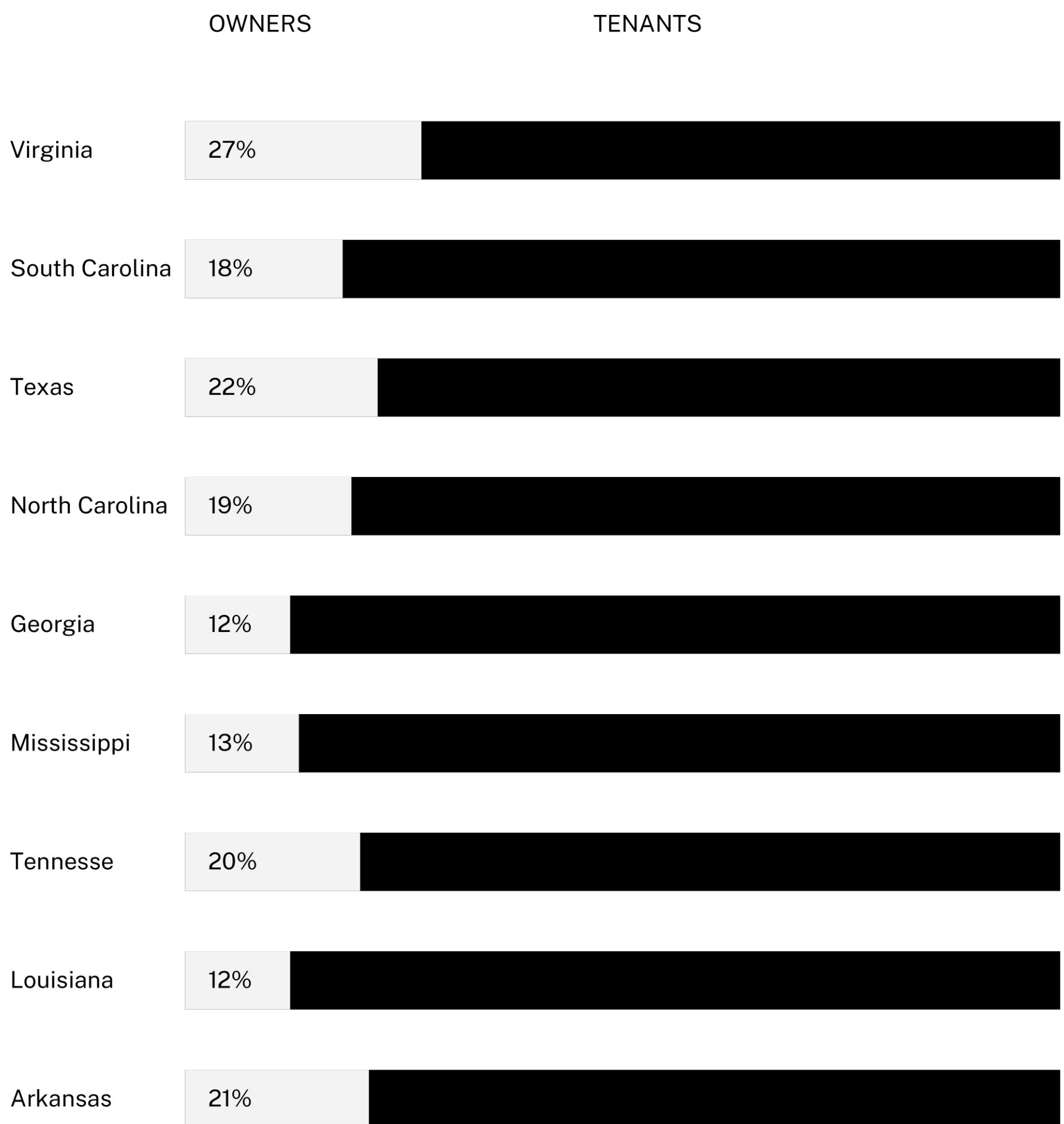


Plate 55

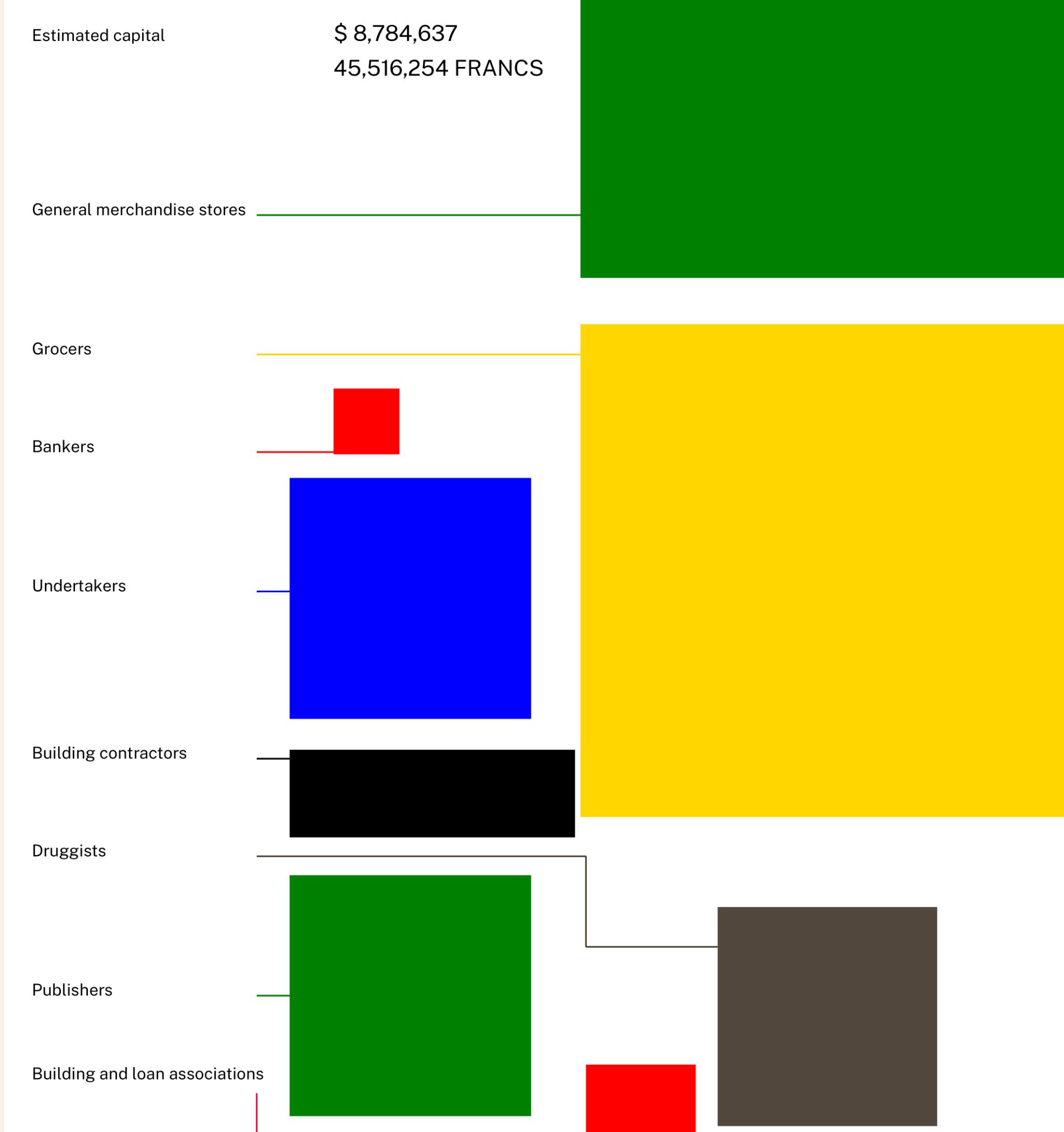
## Negro landowners in various States of the United States.

Propriétaires foncier Nègres dans plusieurs Etats.



## Negro business men in the United States

Nègres Americains dans les affaires

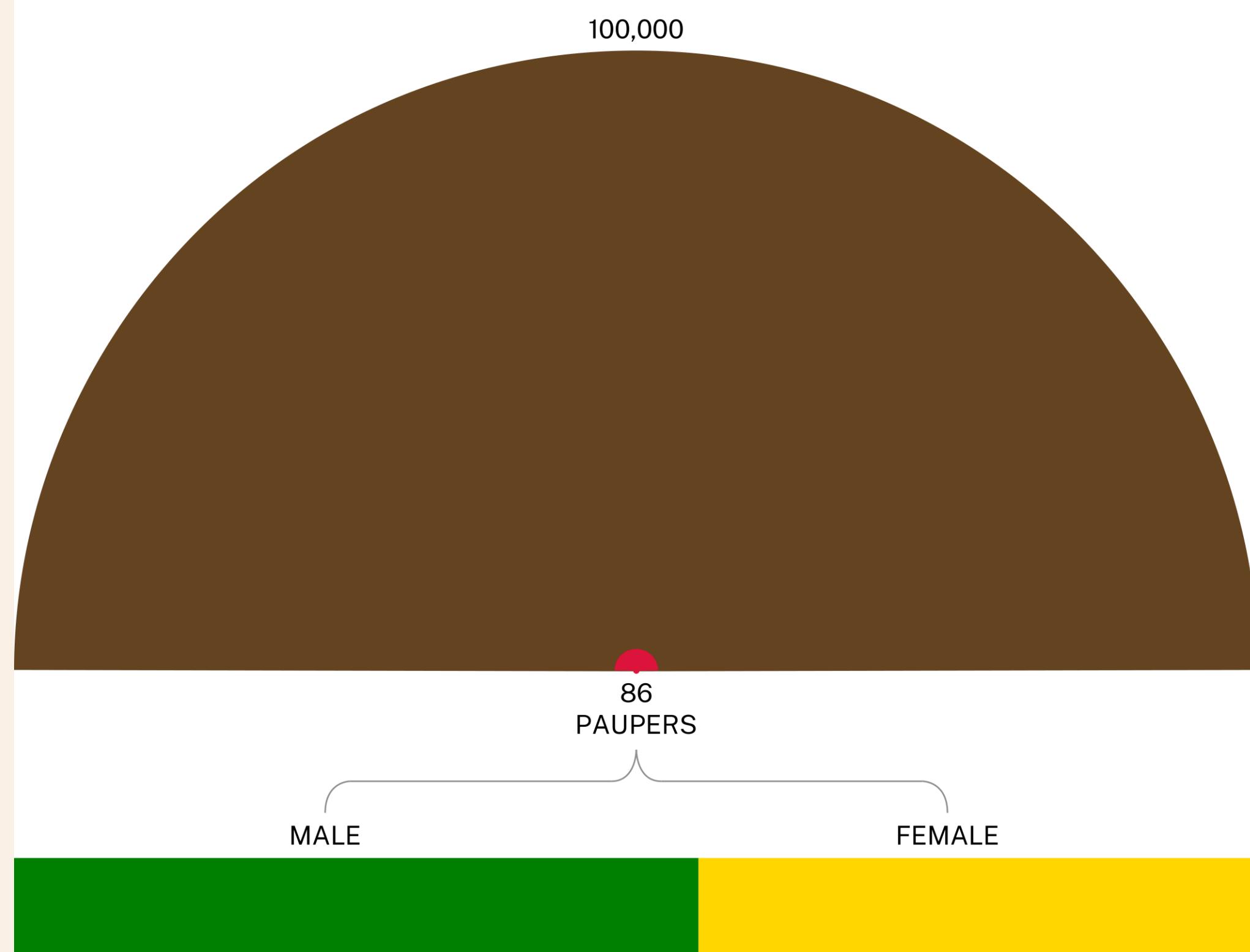


## Pauperism among American Negroes.

Pauperisme parmi les Nègres Americains

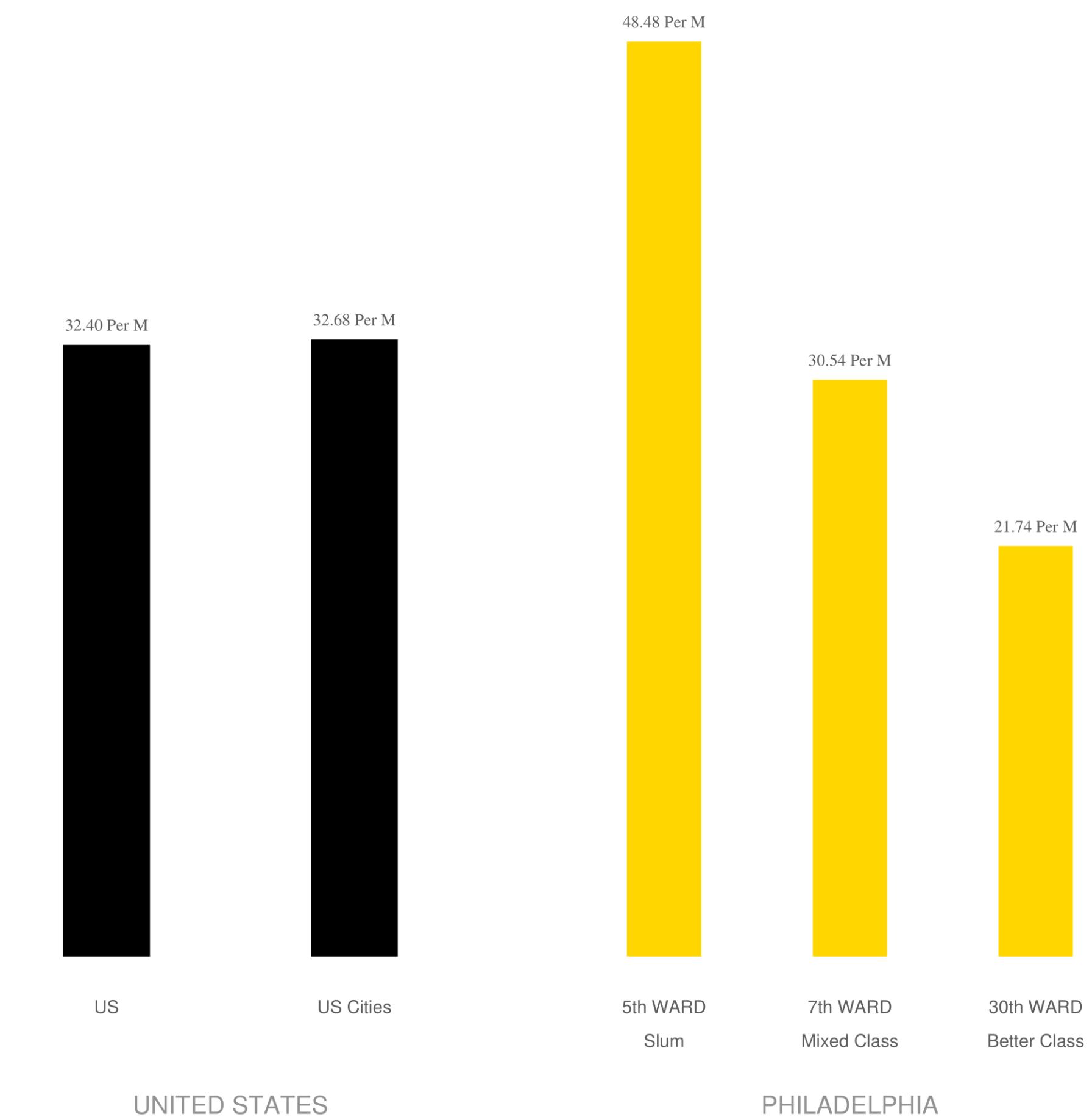
Done by Atlanta University

PROPORTION OF ALMSHOUSE PAUPERS IN EVERY 100,000 NEGROES.



## Mortality of American Negroes.

Mortalité parmi les Nègres Américains.



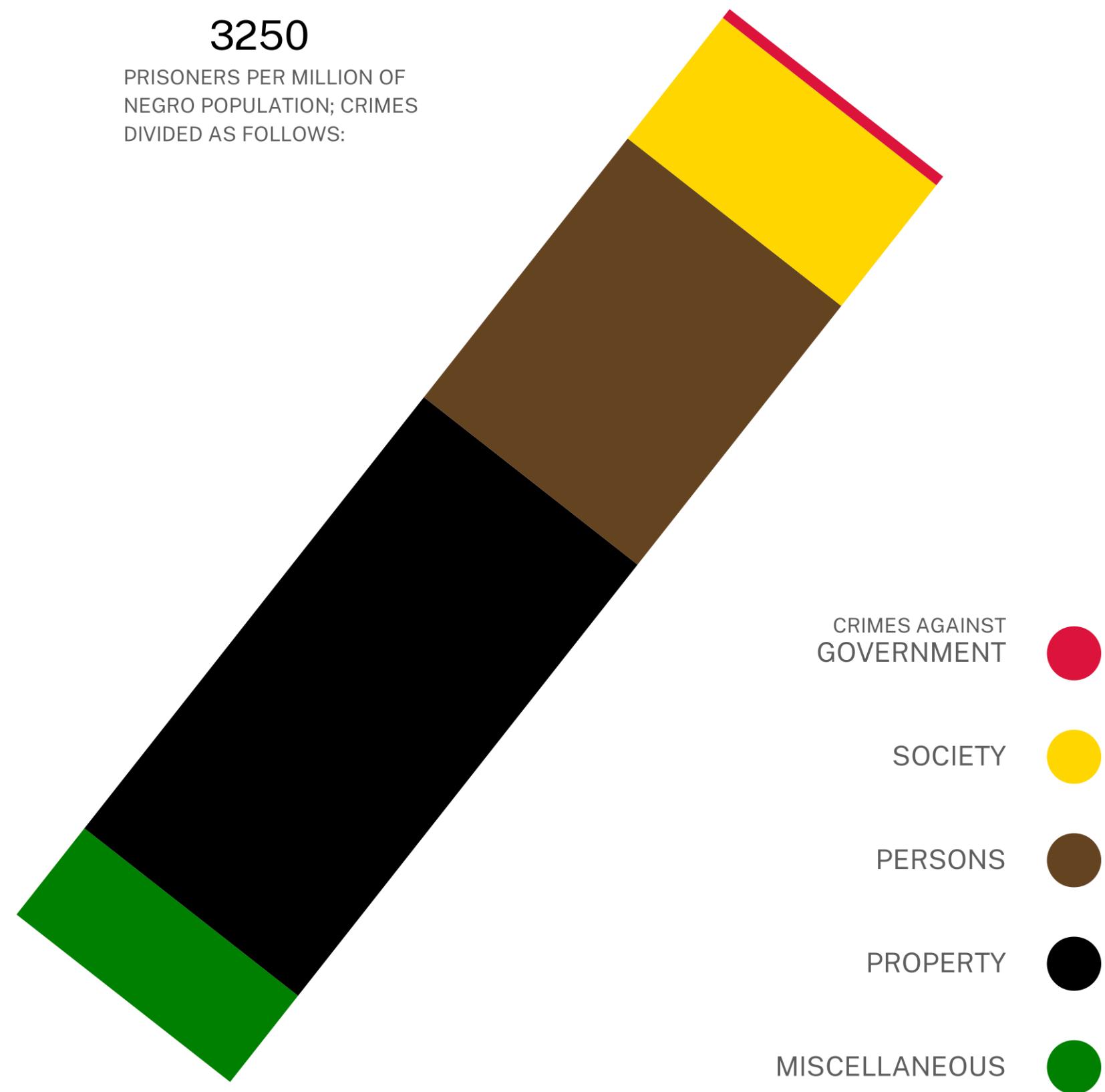
Crime among American Negroes.

Criminalité parmi les Nègres Americains

Done by Atlanta University

**3250**

PRISONERS PER MILLION OF  
NEGRO POPULATION; CRIMES  
DIVIDED AS FOLLOWS:



American Negro newspapers and periodicals

Journaux et publications périodiques Nègres aux Etats Unis.

MAGAZINES

3

DAILY

3

PAPERS

SCHOOL

11

PAPERS

WEEKLY PAPERS  
TOTAL  
136

GRAND TOTAL  
153

Religion of American Negroes

Religion des Nègres Americains

Done by Atlanta University

Catholics



Protestants

Protestant Sects:

Baptists



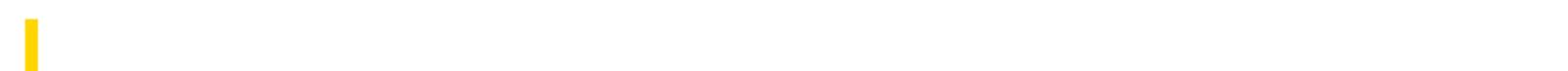
Methodists



Presbyterians



Congregationalists



Miscellaneous



Statistics of Negro Church Organizations

Statistiques des organisations religieuses les Nègres

Done by Atlanta University

Number of Organizations

**23,462**



Number of Church Offices

**23,770**



Value of Church property

**\$ 26,626,448 OR 137,960,860 FRANCS.**

Number of Communicants

**2,673,977**



THE DECREASE OF ILLITERACY AMONG THE BLACK FREEDMEN OF THE UNITED STATES  
DECROISSEMENT DES ILLETTRES PARMI LES NEGRES AFFRANCHIS DANS LES ETATS UNIS

DONE BY ATLANTA UNIVERSITY

