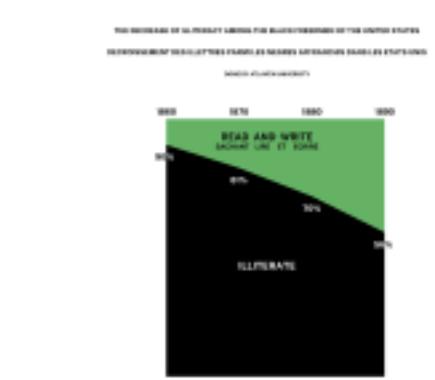
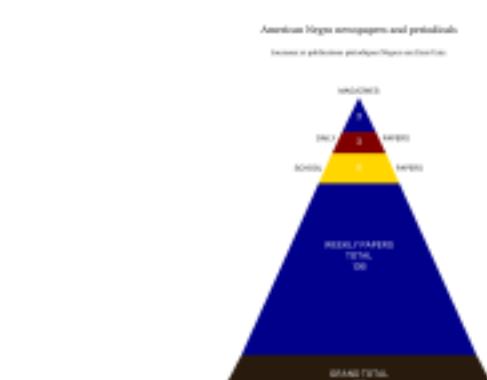
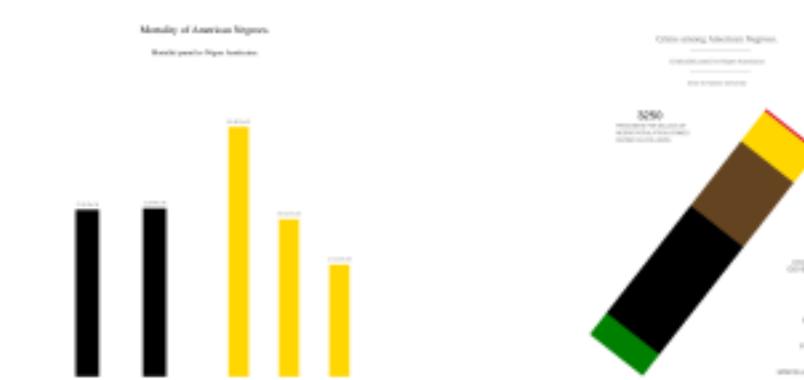
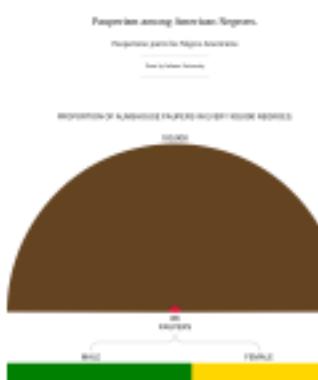
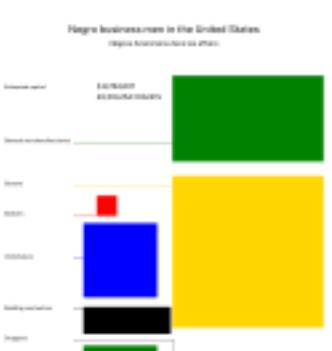
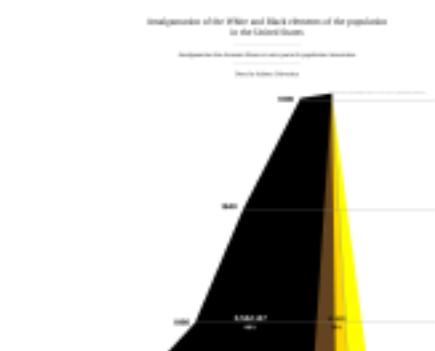
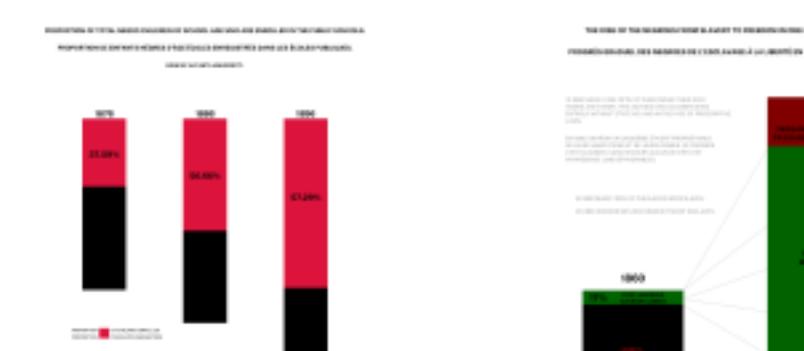
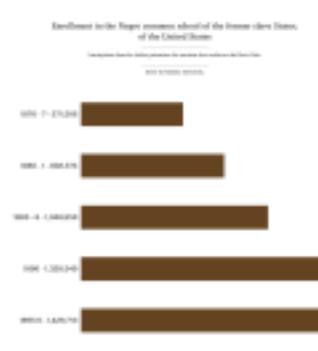
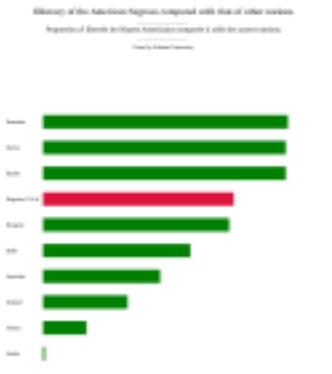
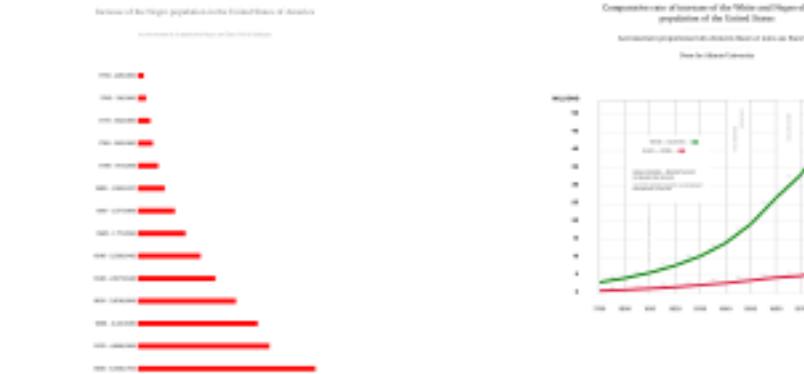
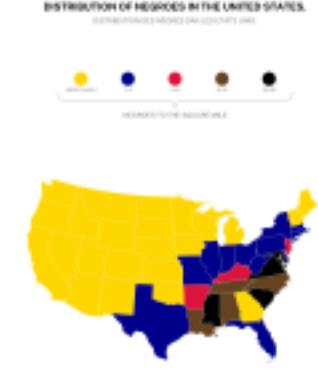
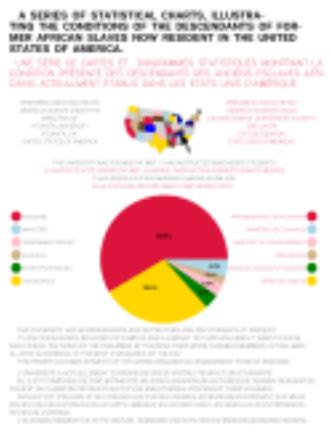
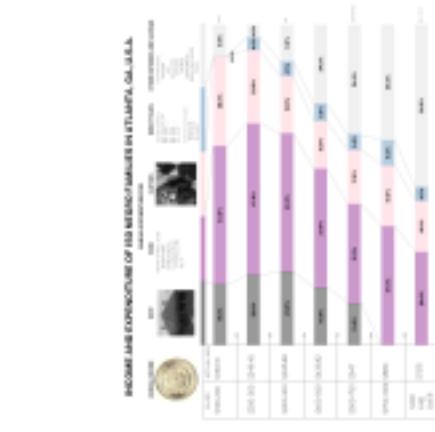
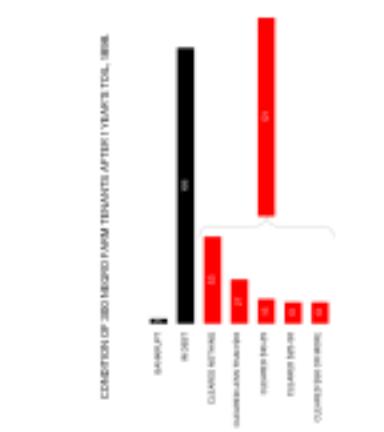
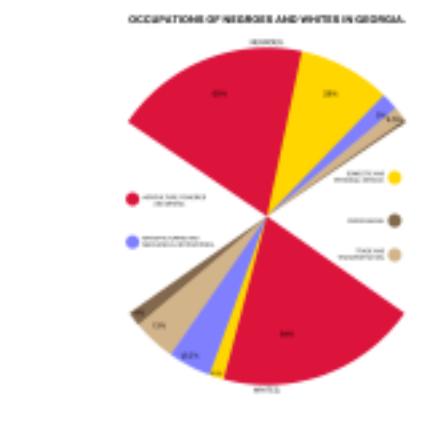
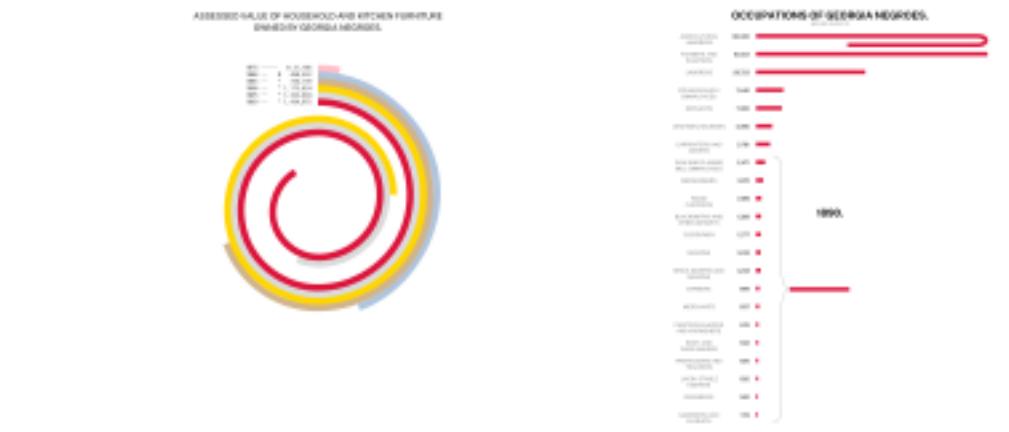
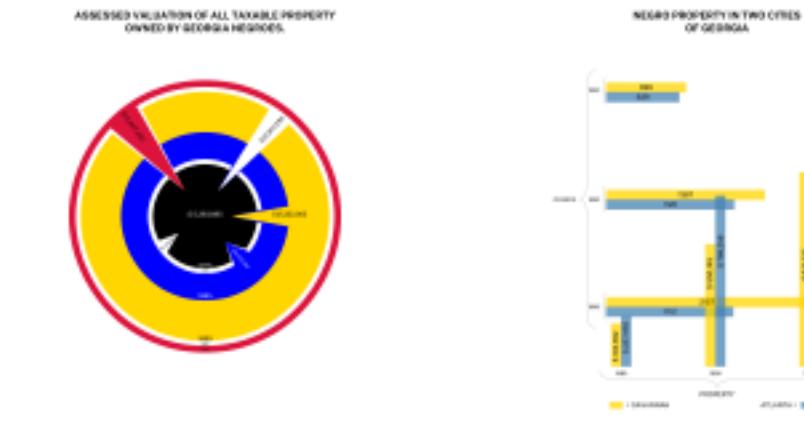
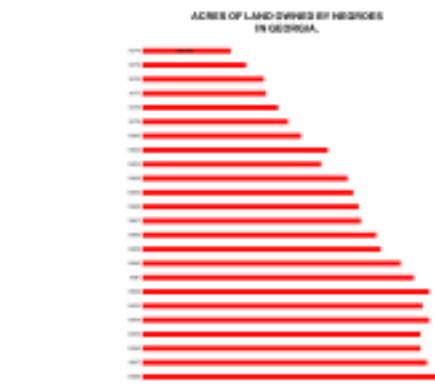
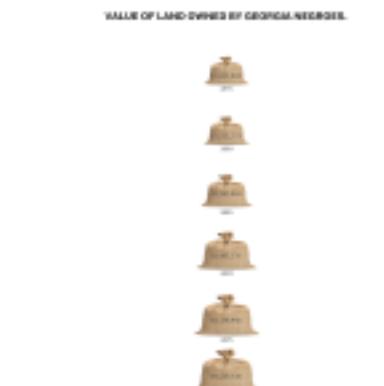
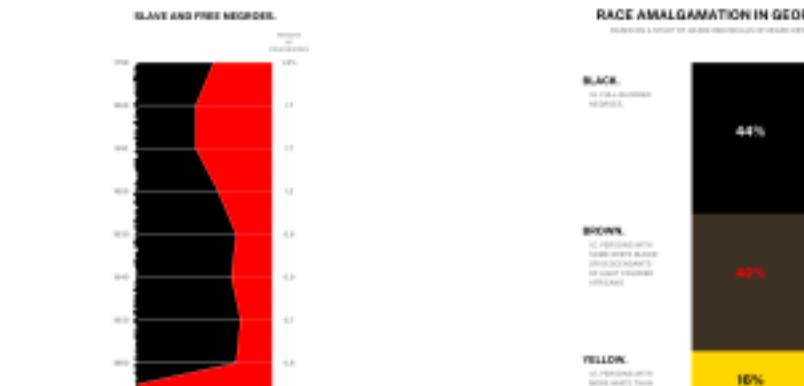
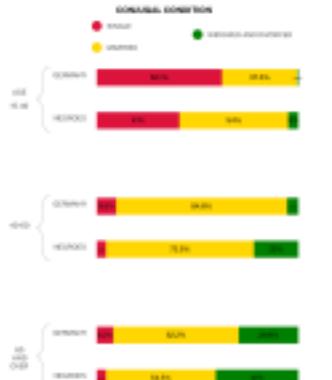
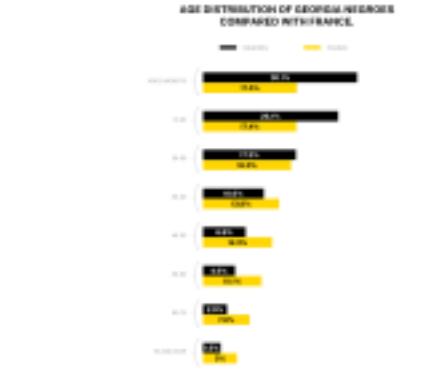
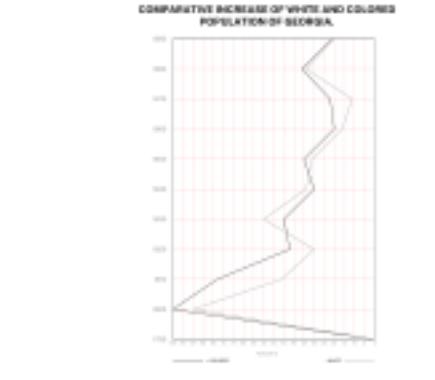
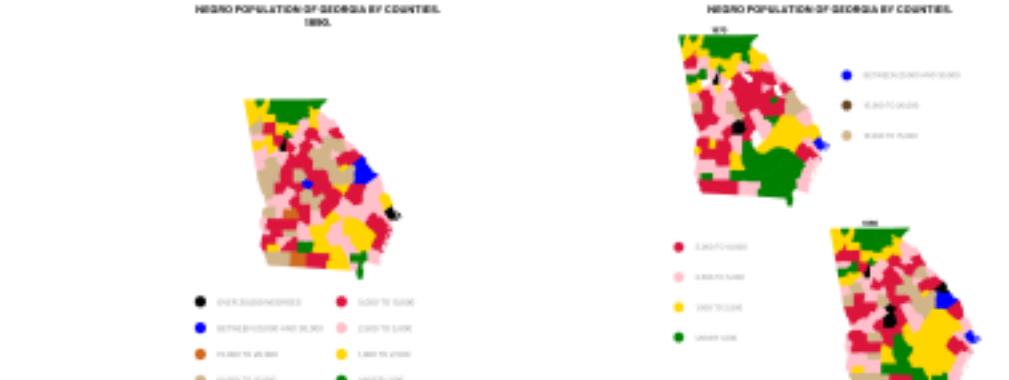
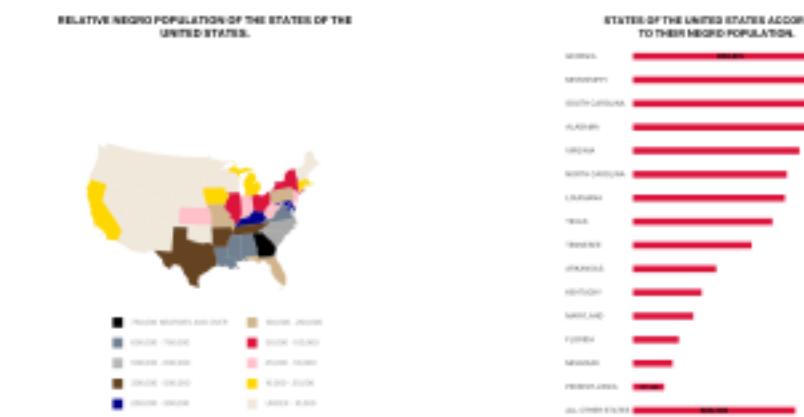


# Legacy of DuBois Data Portraits





Atlanta University Debating Team, c. 1900



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

# The Philadelphia Negro, 1897

| Proportion of Population. | 1848. | 1880. | 1890.* |
|---------------------------|-------|-------|--------|
| Under 5 years . . . . .   | 14.7  | 9.8   | 7.8    |
| Under 15 years . . . . .  | 33.6  | . . . | 22.5   |
| 15 to 50 years . . . . .  | 41.8  | . . . | 63.6†  |
| Over 50 years . . . . .   | 9.9   | . . . | 6.1‡   |

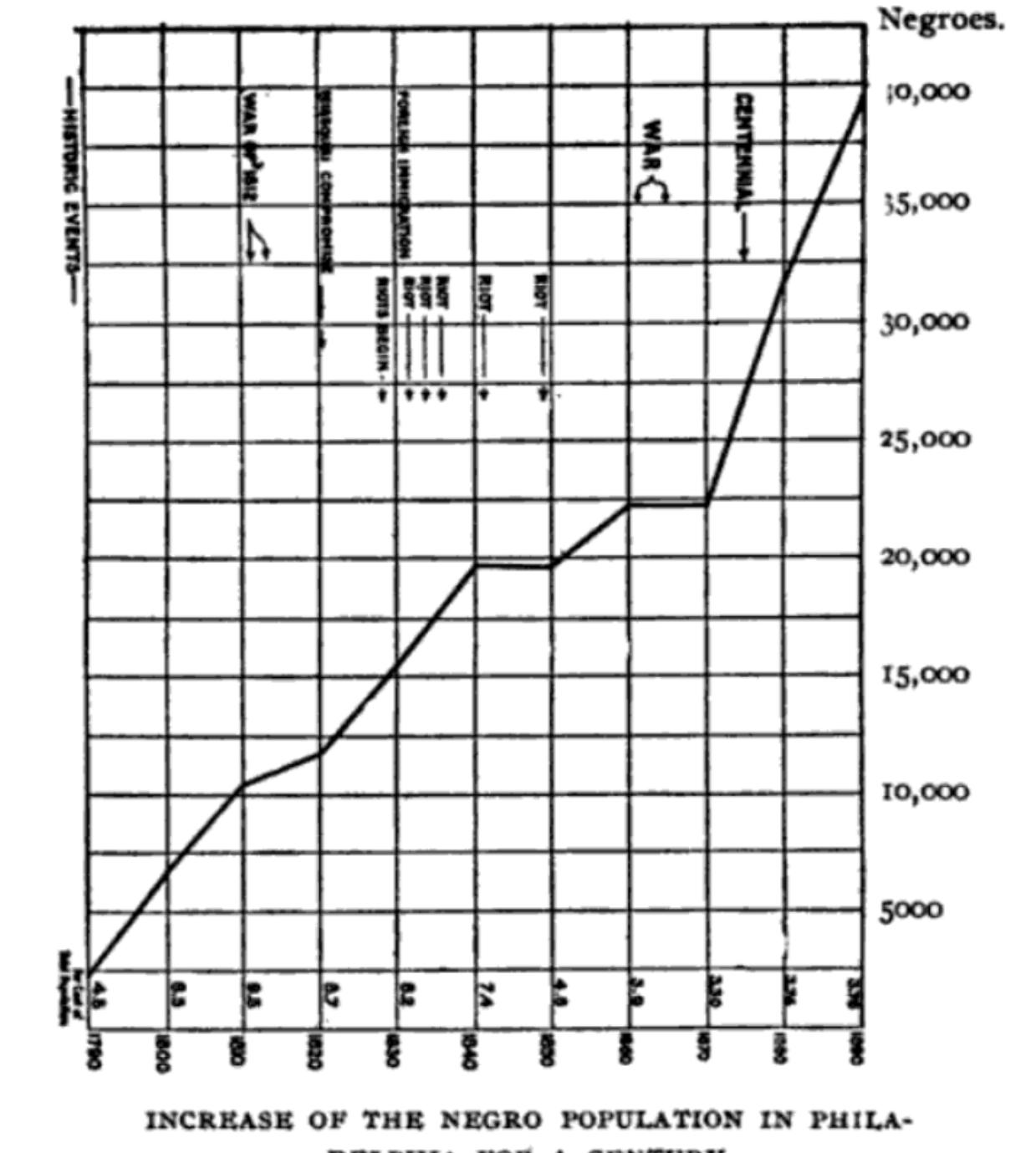
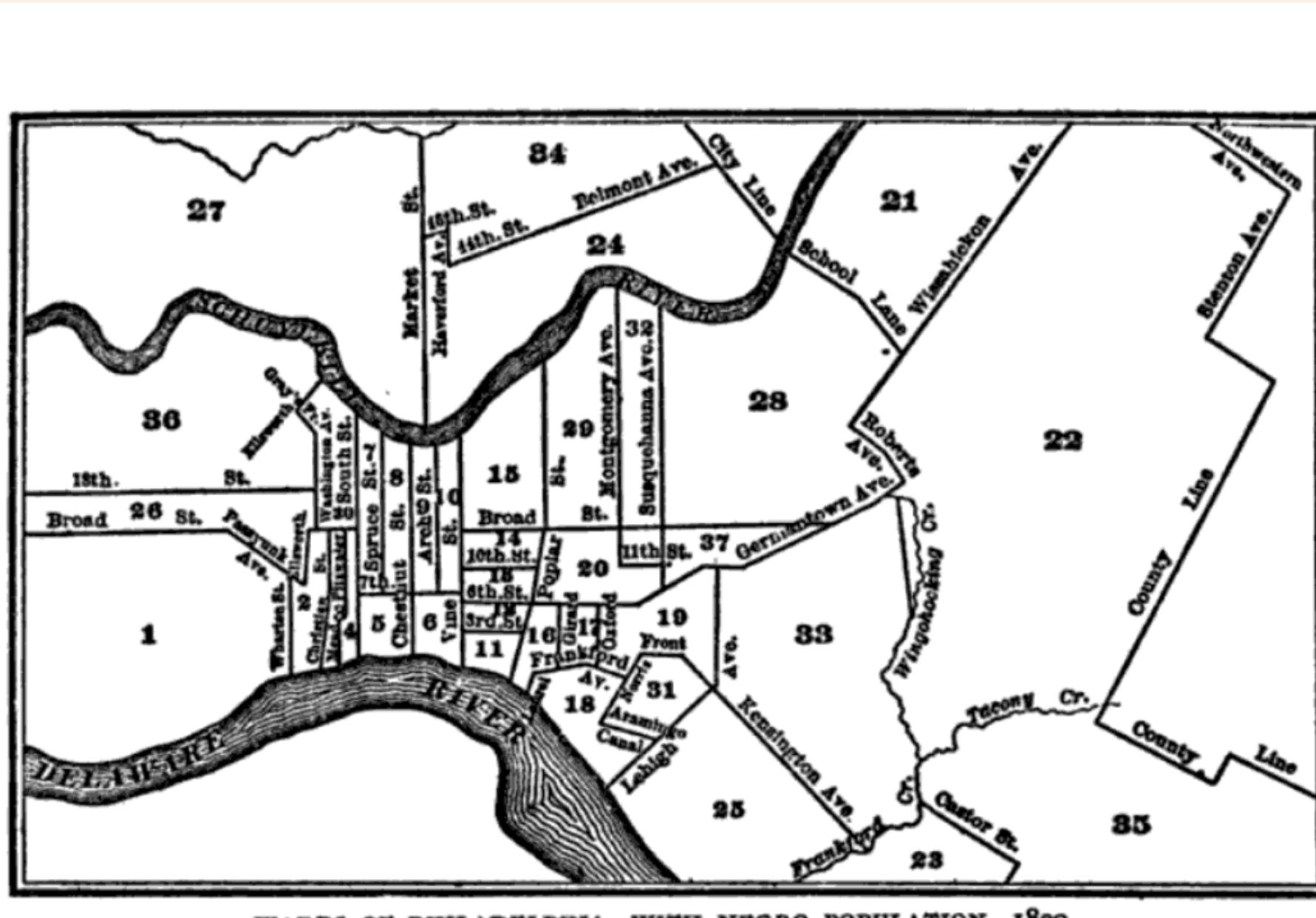
\* Including Chinese, Japanese and Indians. † 15 to 55. ‡ Over 55.

This table is too meagre to be conclusive, but it is probable that while the age structure of the Negro urban population in 1848 was about normal, it has greatly changed in recent years. Detailed statistics for 1890 make this plainer:

NEGROES\* OF PHILADELPHIA BY SEX AND AGE, 1890.

| Ages.                 | Males. | Per Cent. | Females. | Per Cent. | Total. |
|-----------------------|--------|-----------|----------|-----------|--------|
| Under 1 . . . . .     | 400    | 2.1       | 369      | 1.7       | 769    |
| 1 to 4 . . . . .      | 1,121  | 5.9       | 1,264    | 5.9       | 2,385  |
| 5 to 9 . . . . .      | 1,458  | 7.7       | 1,515    | 7.1       | 2,973  |
| 10 to 14 . . . . .    | 1,409  | 7.5       | 1,567    | 7.4       | 2,976  |
| 15 to 19 . . . . .    | 2,455  | 7.7       | 2,123    | 9.9       | 3,578  |
| 20 to 24 . . . . .    | 2,408  | 12.9      | 3,133    | 14.8      | 5,541  |
| 25 to 29 . . . . .    | 1,521  | 13.5      | 2,774    | 13.1      | 5,295  |
| 30 to 34 . . . . .    | 2,034  | 10.9      | 2,046    | 9.6       | 4,080  |
| 35 to 44 . . . . .    | 3,375  | 18.0      | 3,139    | 14.8      | 6,514  |
| 45 to 54 . . . . .    | 1,645  | 8.7       | 1,783    | 8.4       | 3,428  |
| 55 to 64 . . . . .    | 581    | 3.1       | 799      | 3.9       | 1,380  |
| 65 and over . . . . . | 376    | 2.0       | 726      | 3.4       | 1,102  |
| Unknown . . . . .     | 177    | ..        | 176      | ..        | 353    |
| Total . . . . .       | 18,960 | 100.0     | 21,414   | 100.0     | 40,374 |

\* Includes 1003 Chinese, Japanese and Indians.



"This inquiry extended over a period of fifteen months, and sought to ascertain something of the geographical distribution of this race, their organizations, and above all their relation to their million white fellow-citizens"



W.E.B. DuBois in Paris 1900



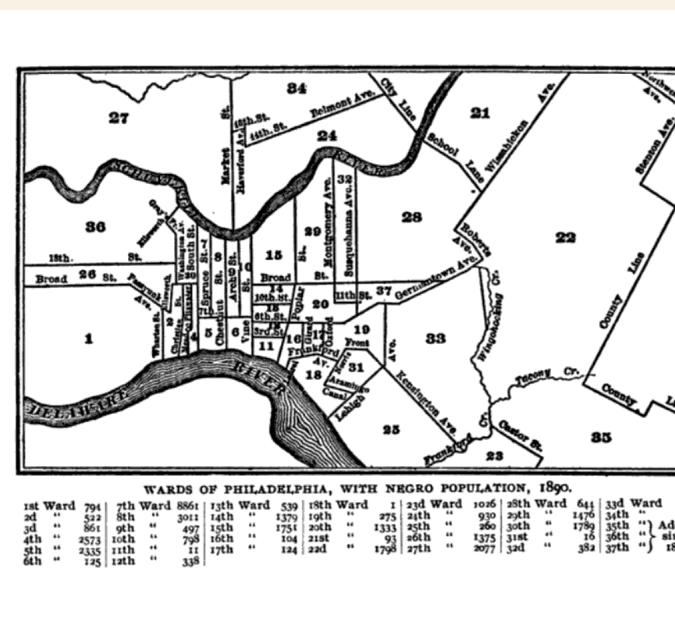
Exposition of the American Negro, Paris, 1900

# Historical Context



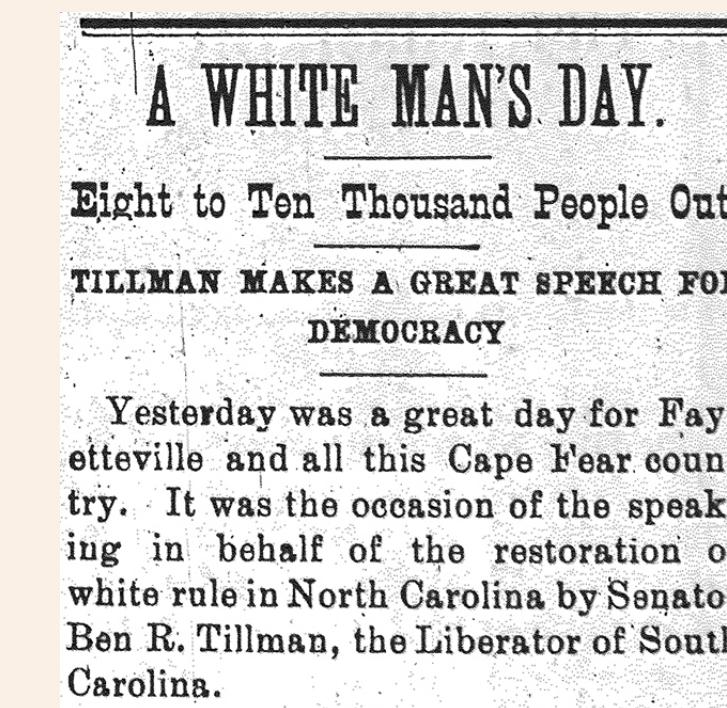
# “Black America” Fair

**1895**



# Phila. Negro begins

**1897**



# Wilmington Overthrow

**1898**



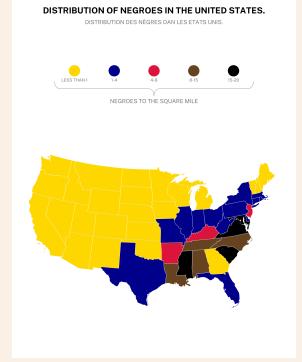
# Lynchings Peak

1899

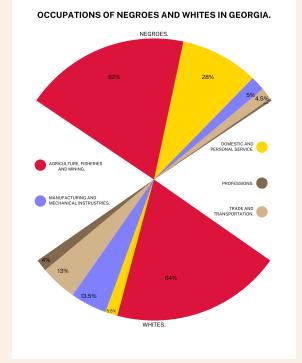


# Paris Exposition

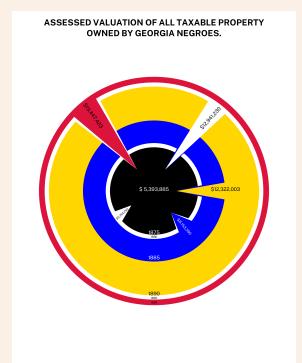
**1900**



# We are here

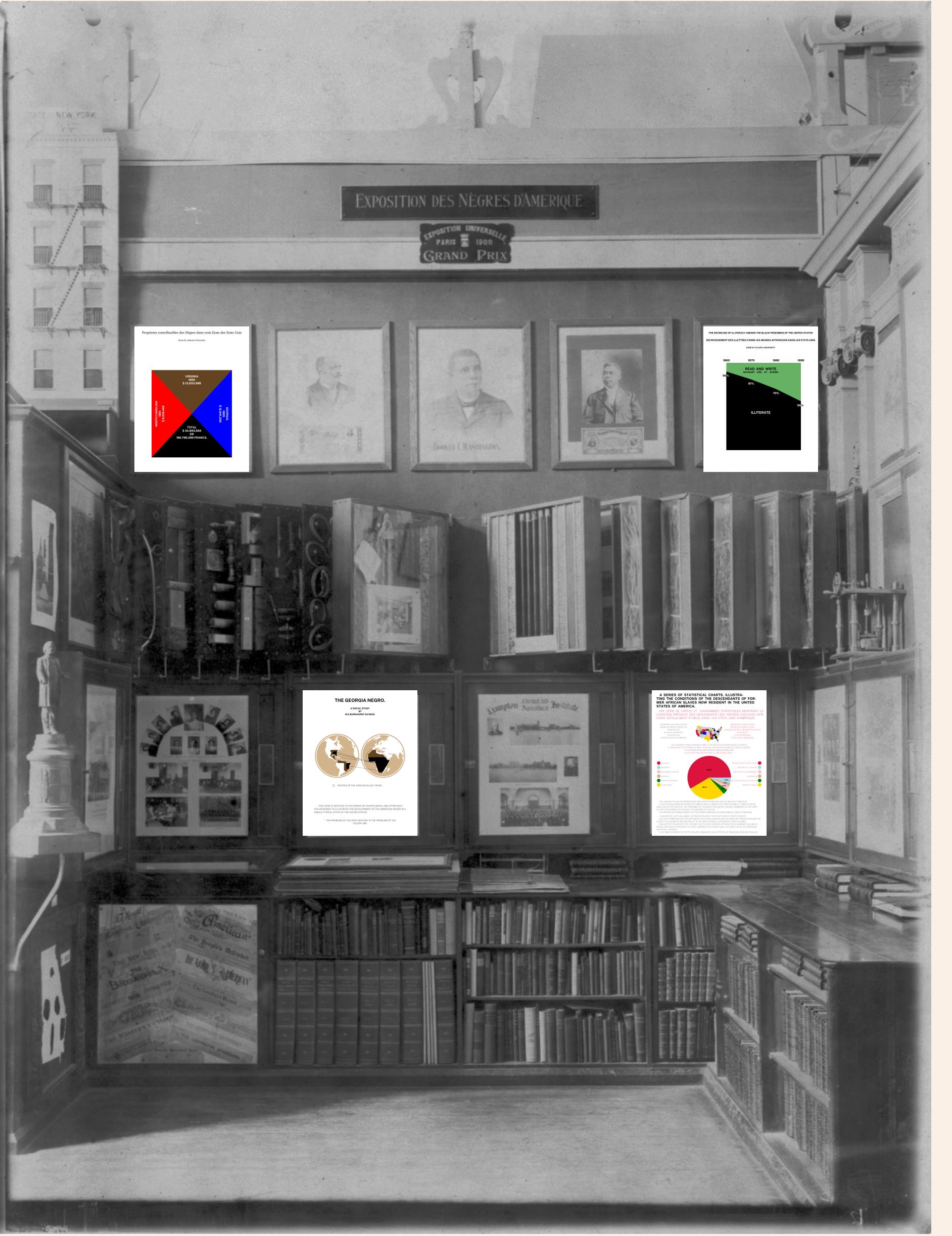


# This is who we are



# 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.

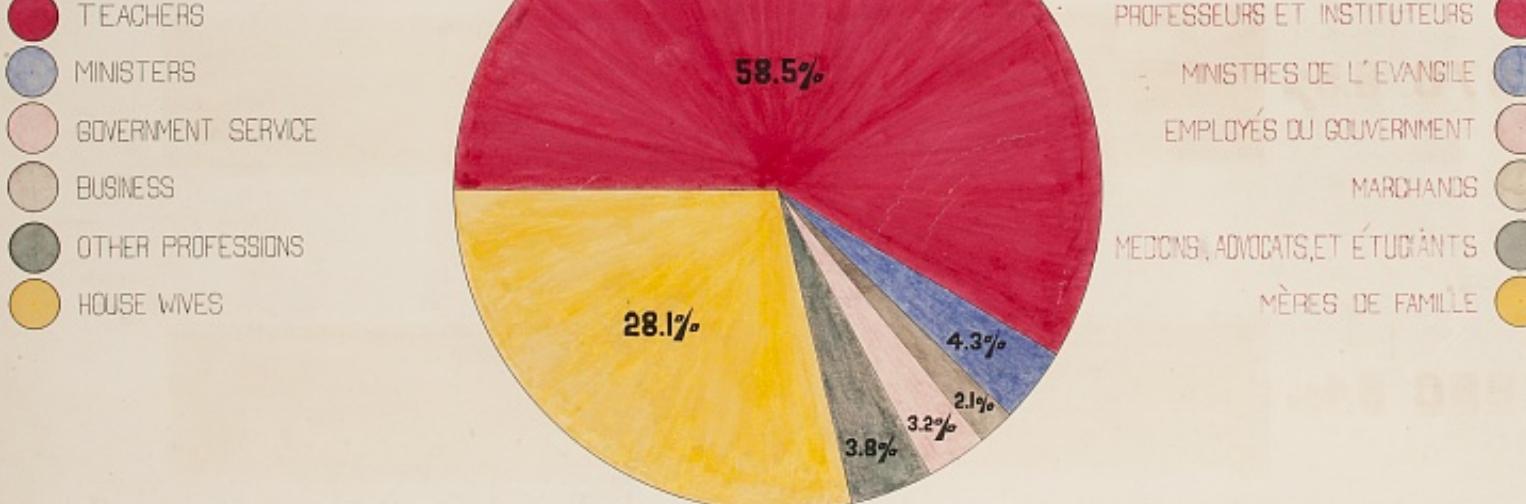
THE UNIVERSITY WAS FOUNDED IN 1867. IT HAS INSTRUCTED 6000 NEGRO STUDENTS.

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.

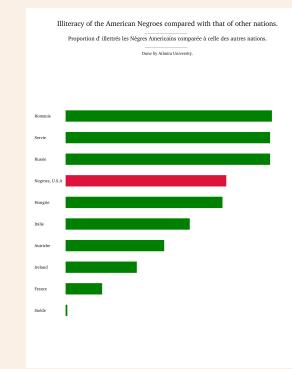
L'UNIVERSITÉ A ACTUELLEMENT 20 PROFESSEURS ET INSTRUCTEURS ET 250 ÉTUDIANTS.

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.

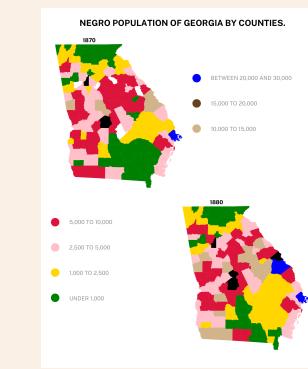
L'ACCOMPLISSEMENT DE CETTE ŒUVRE DEMANDE UNE DOTATION DE \$500,000 (2,500,000 FRANCS).

# Taxonomy



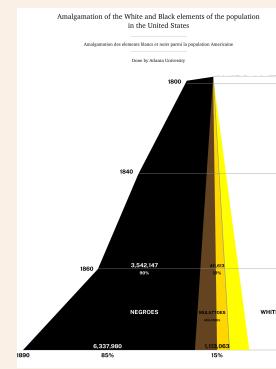
Bars

52.63%



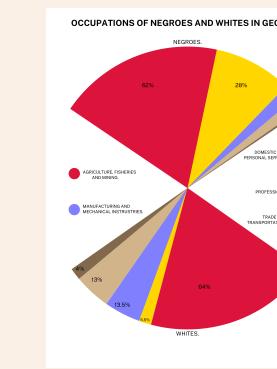
Maps

15.79%



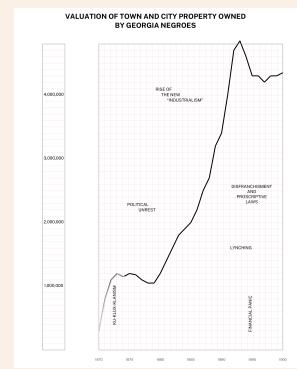
Blocks

14.04%



Circles

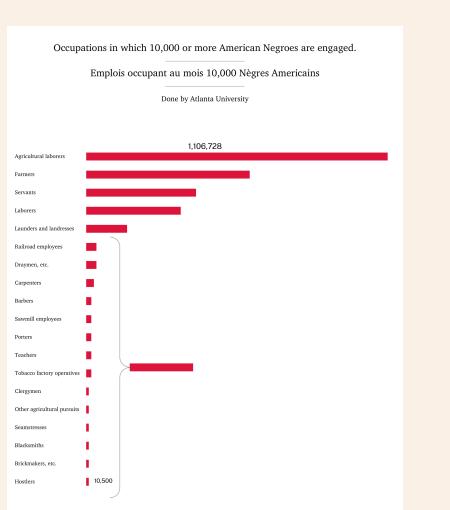
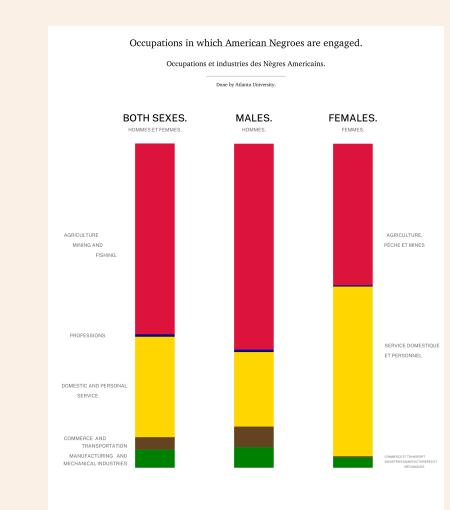
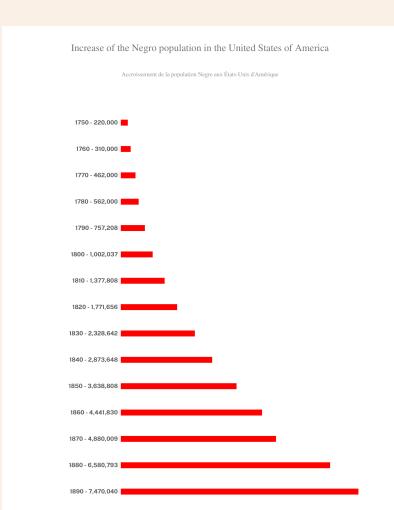
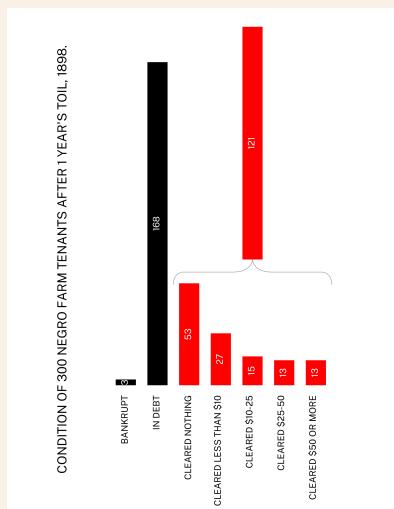
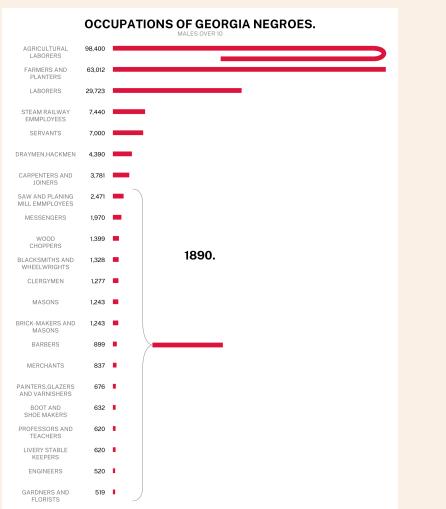
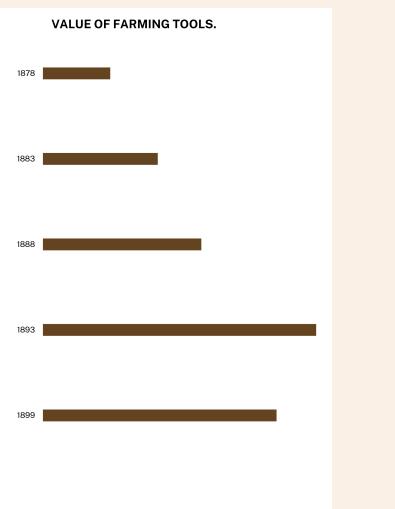
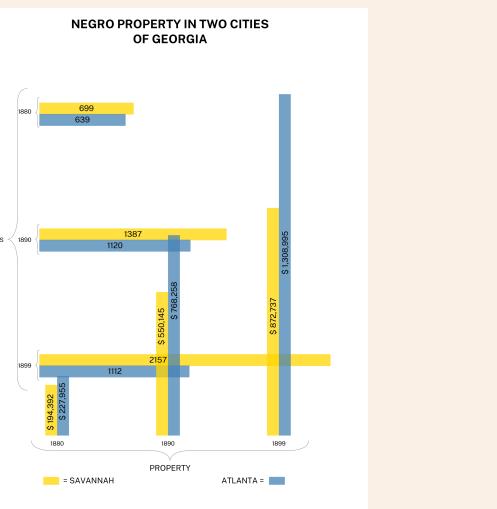
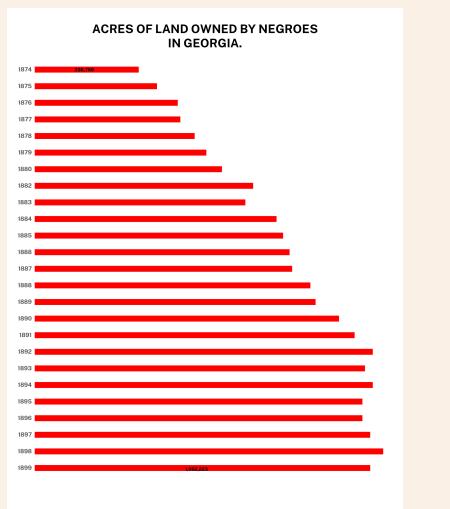
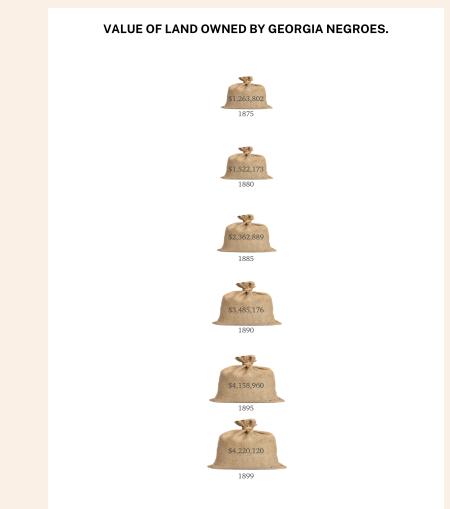
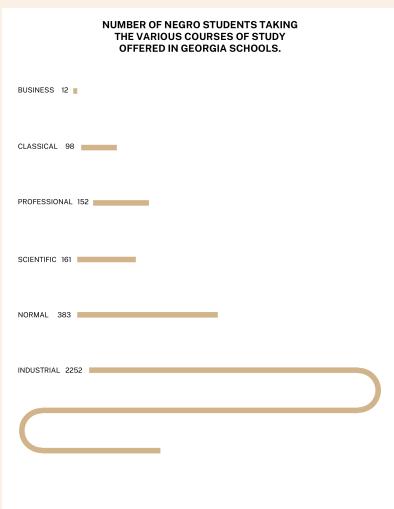
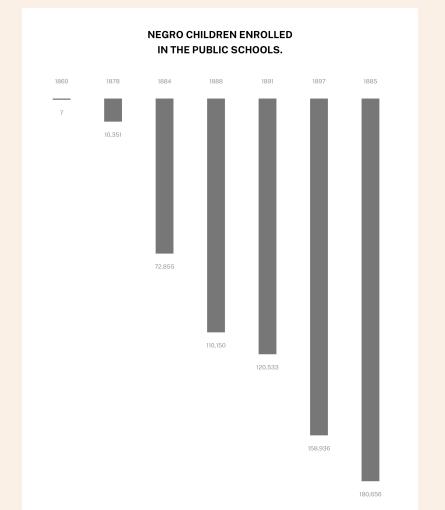
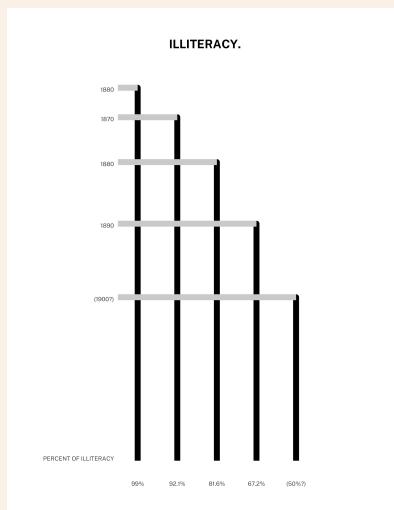
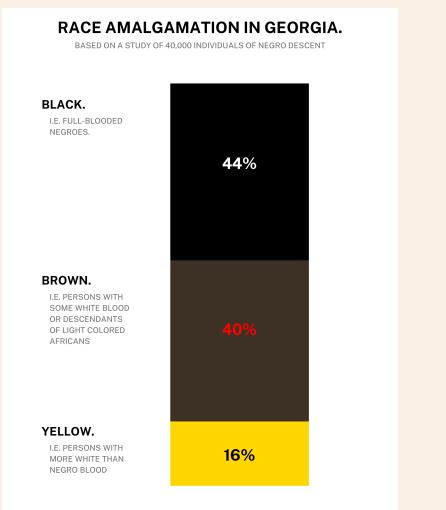
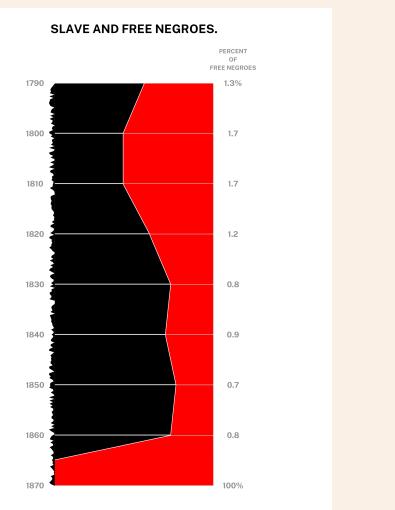
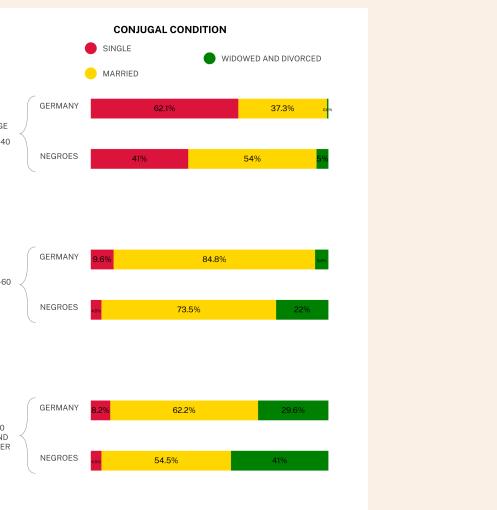
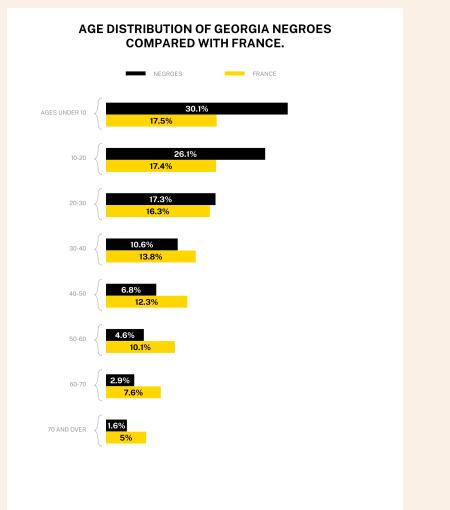
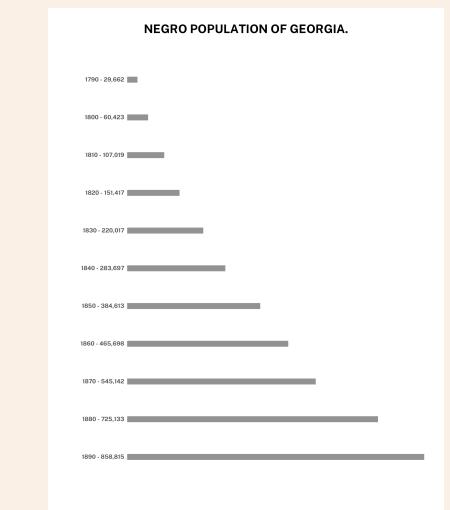
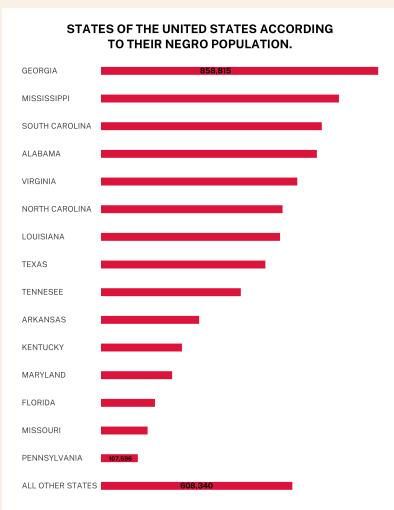
12.28%



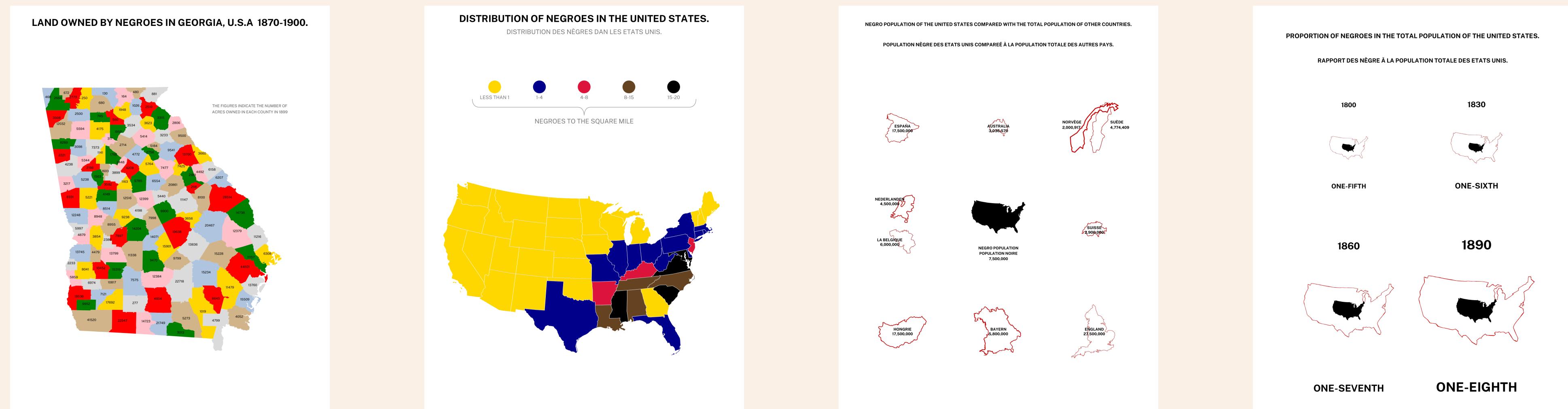
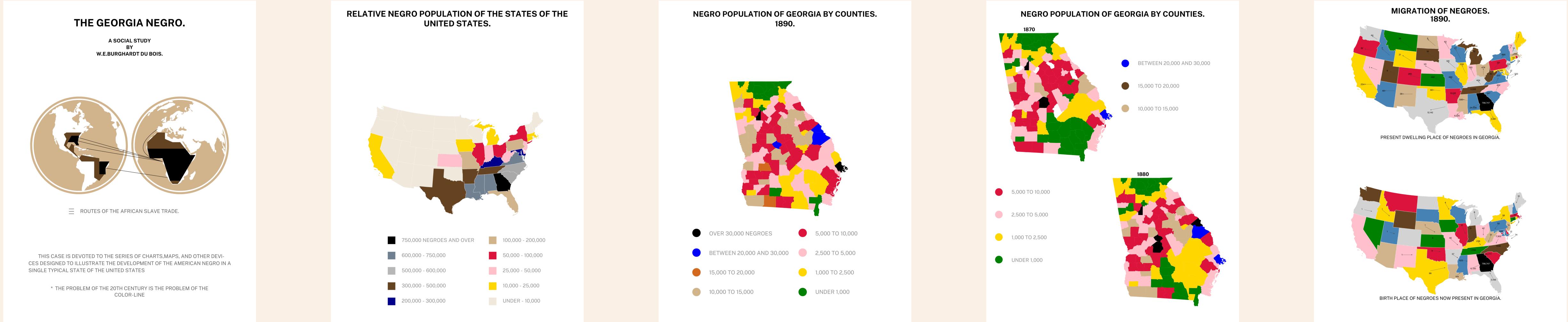
Graphs

5.26%

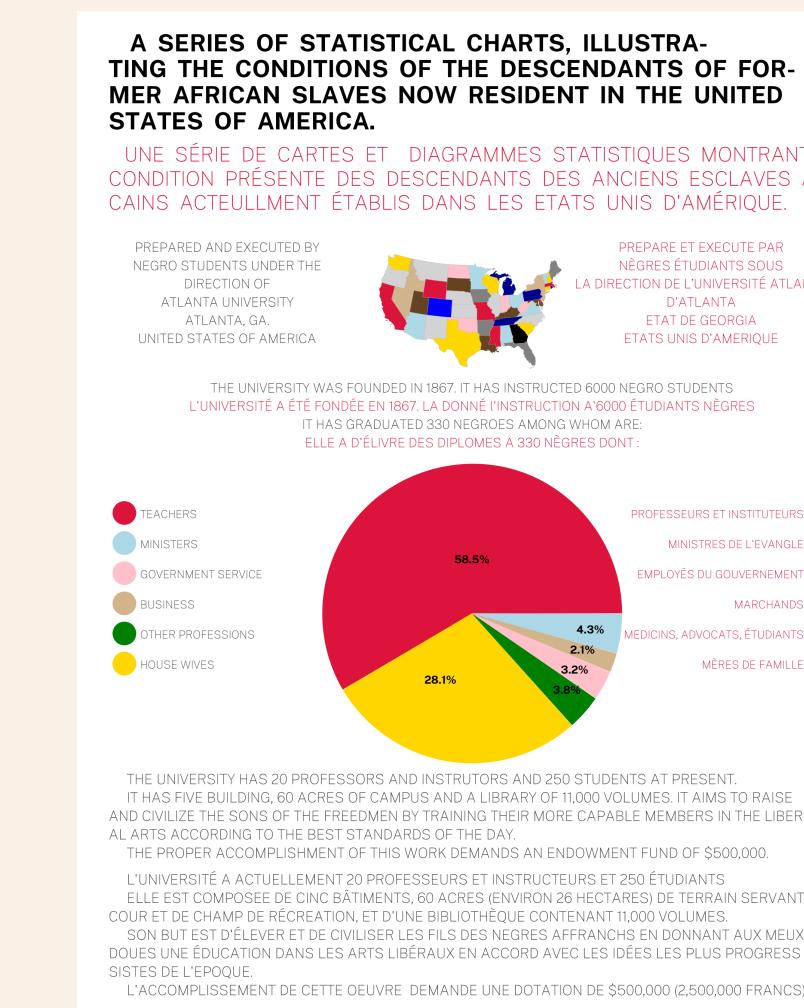
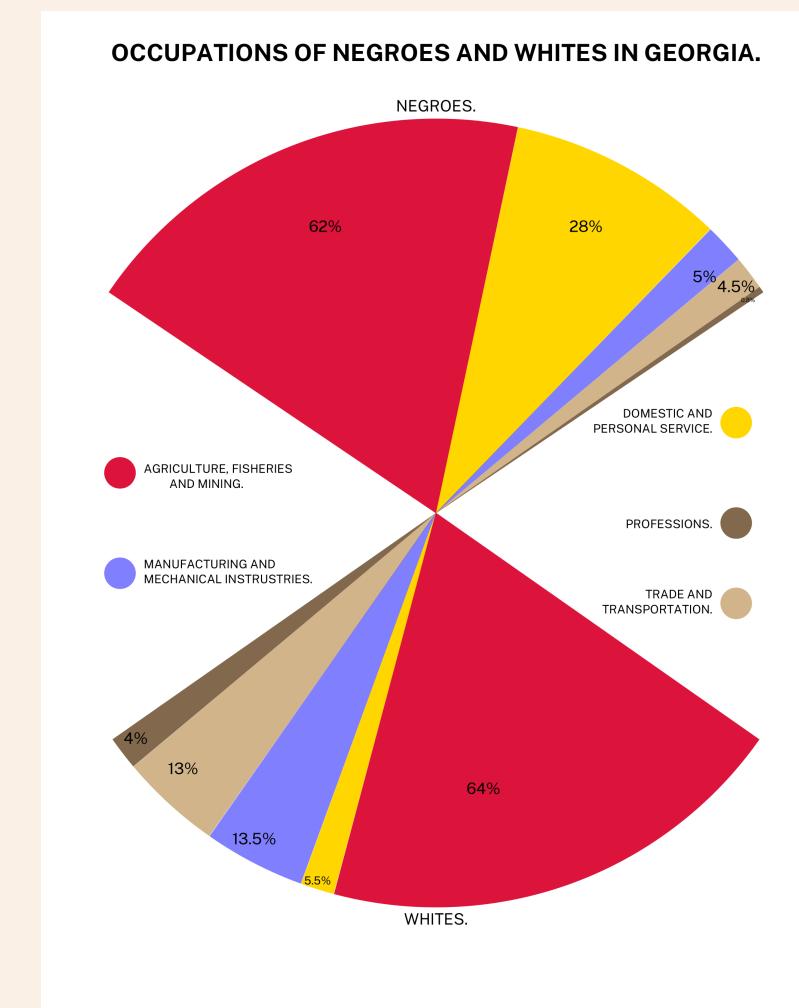
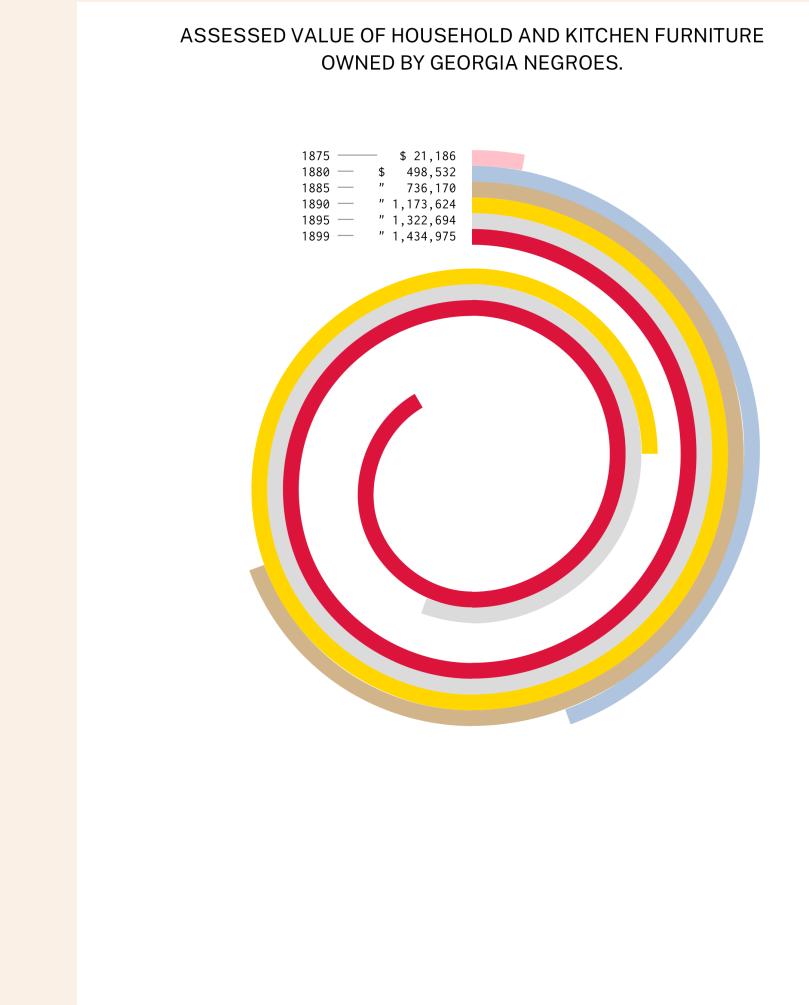
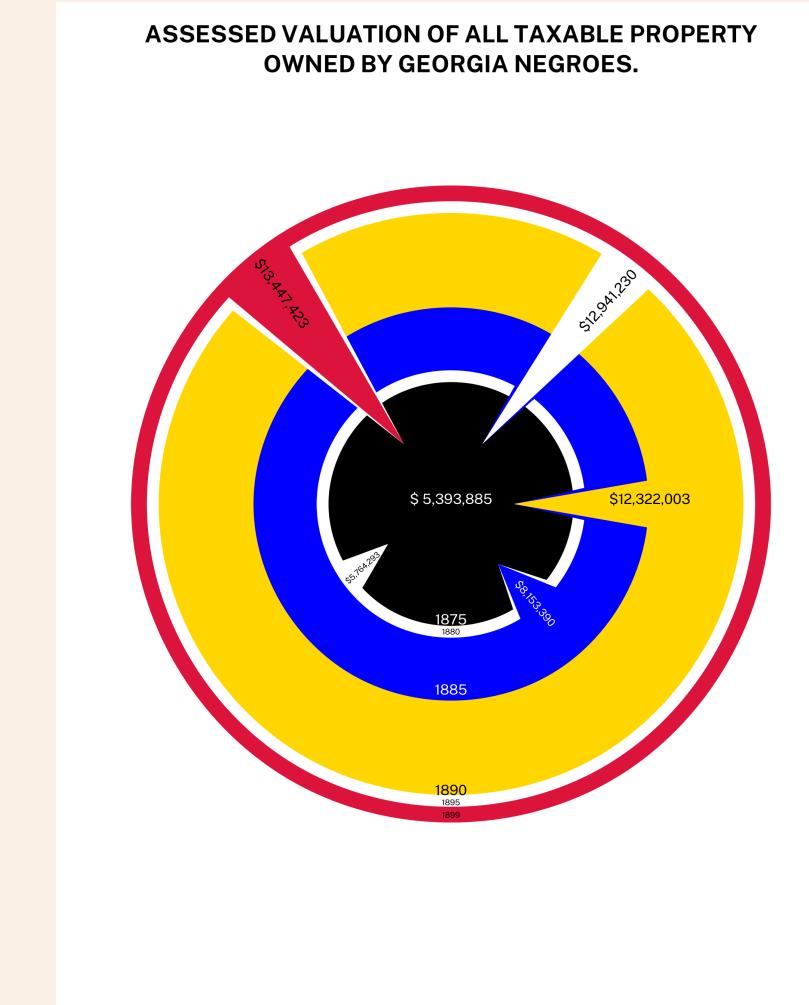
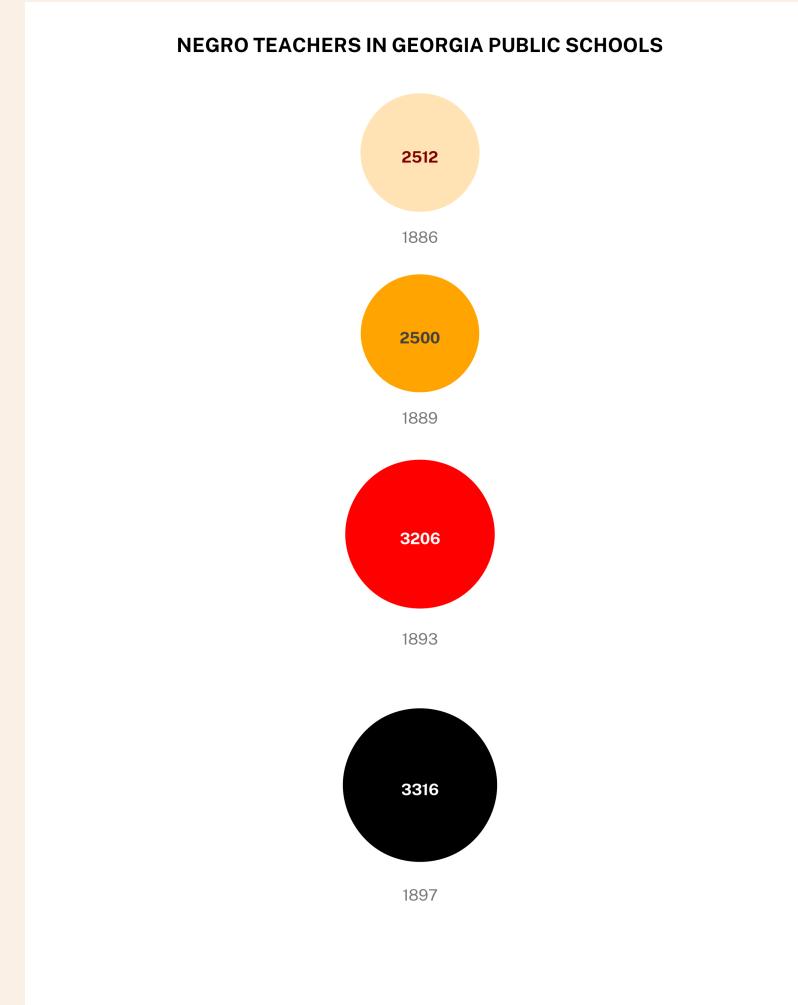
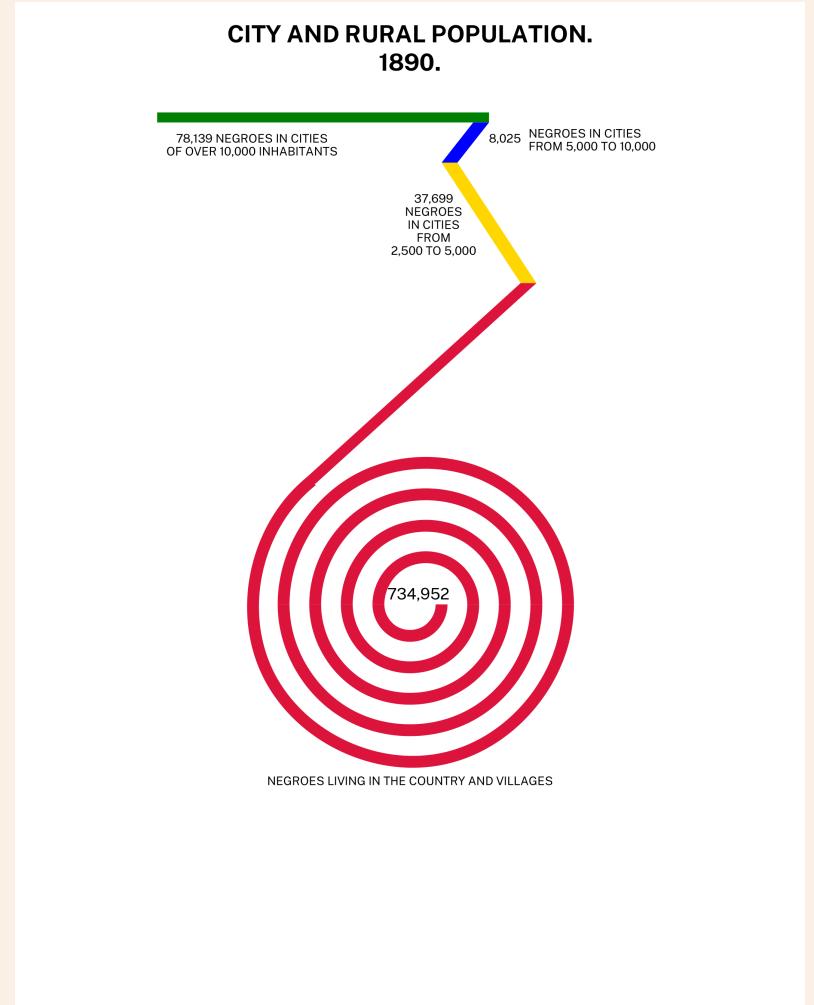
# Bars



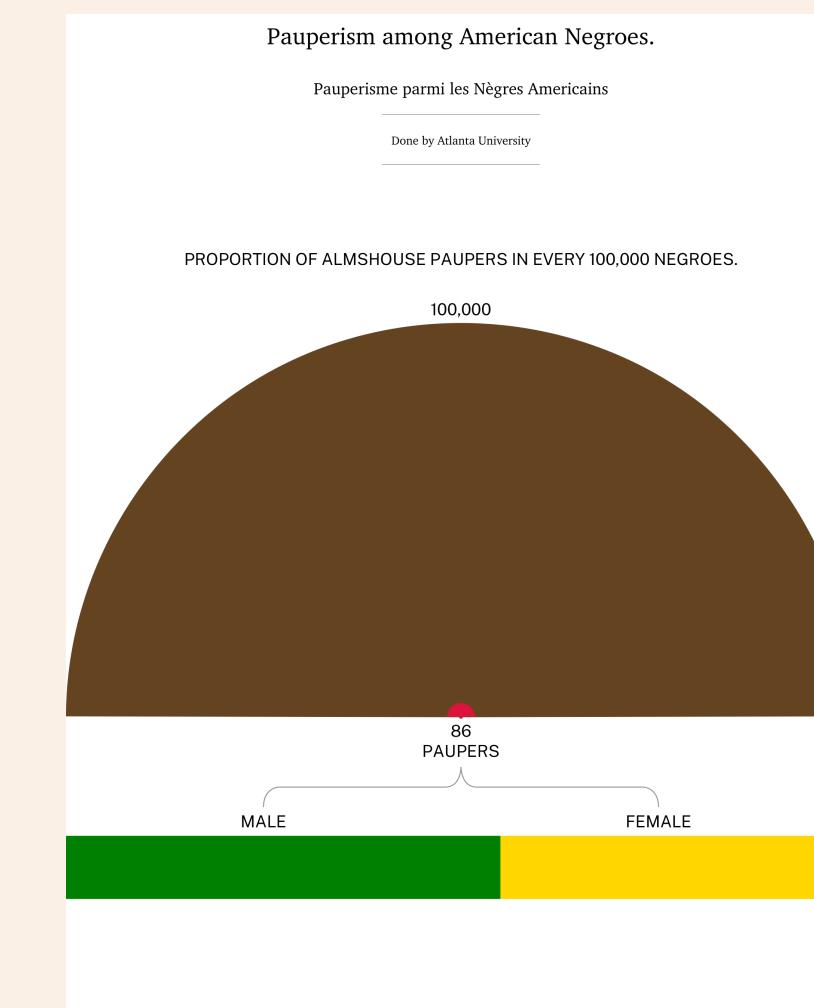
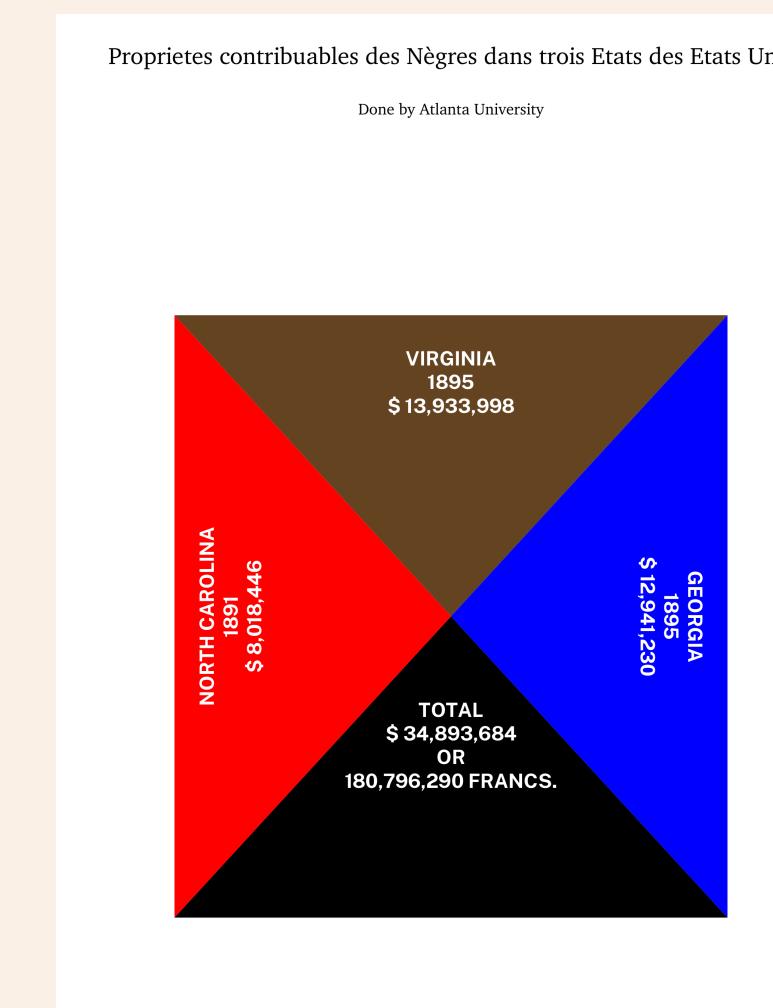
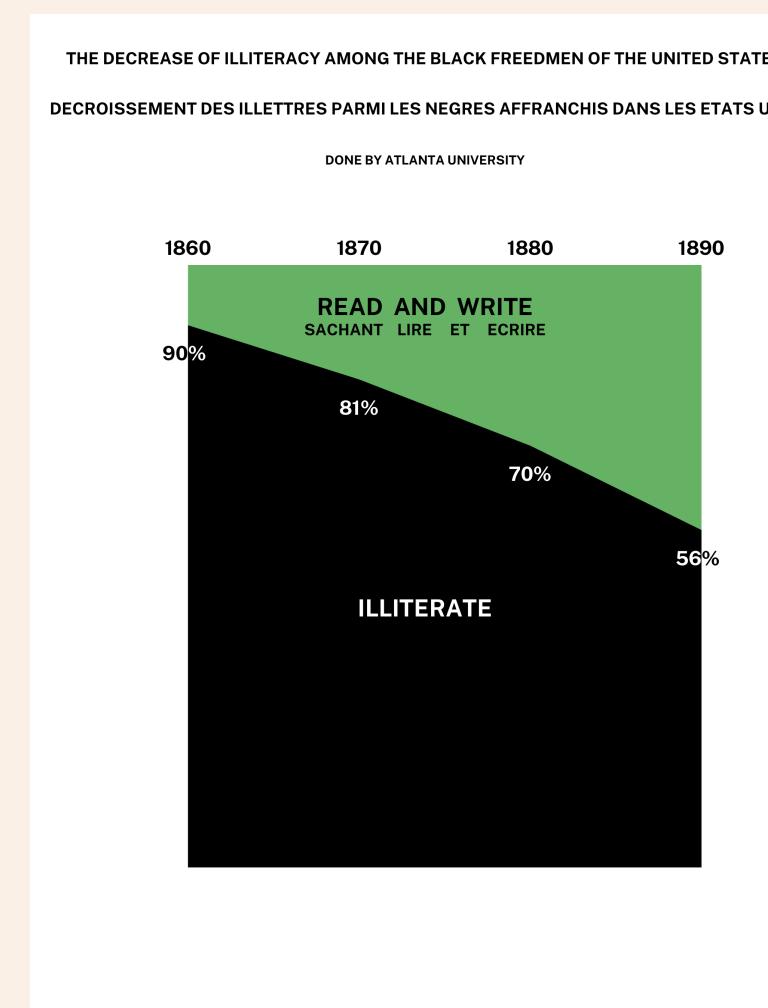
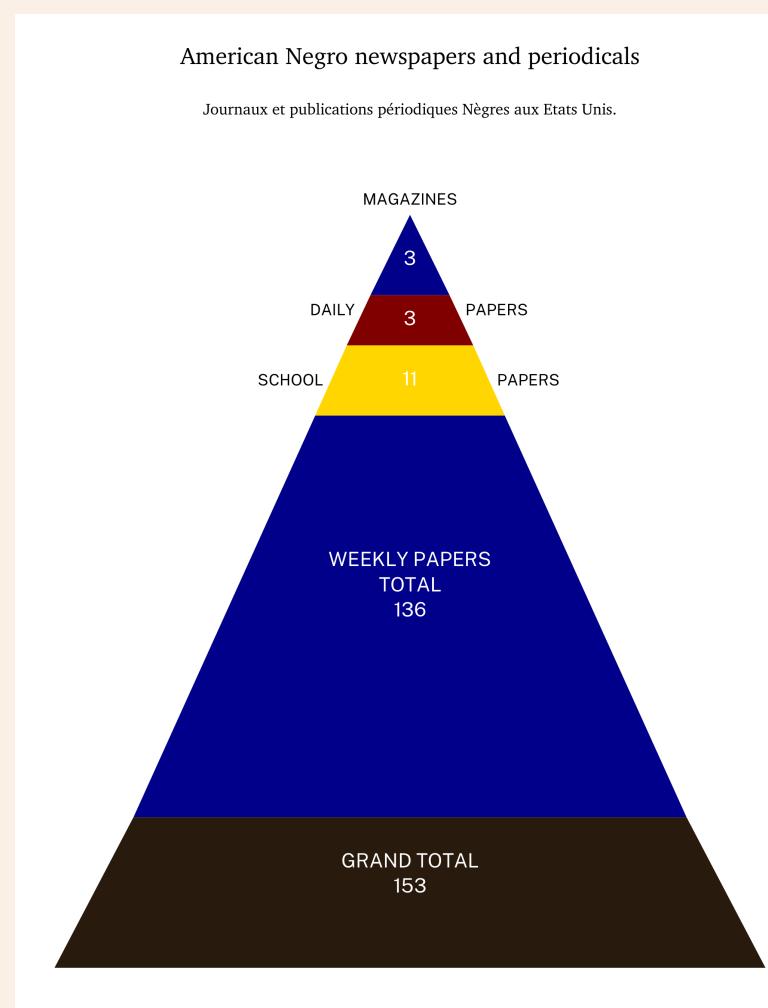
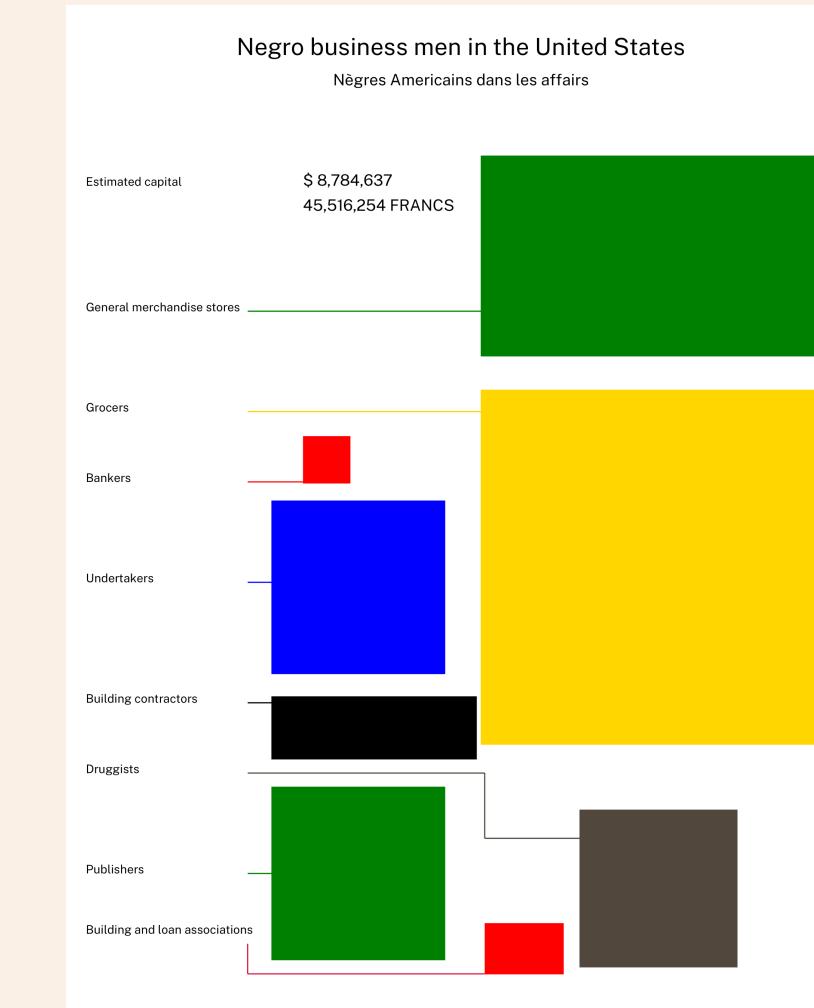
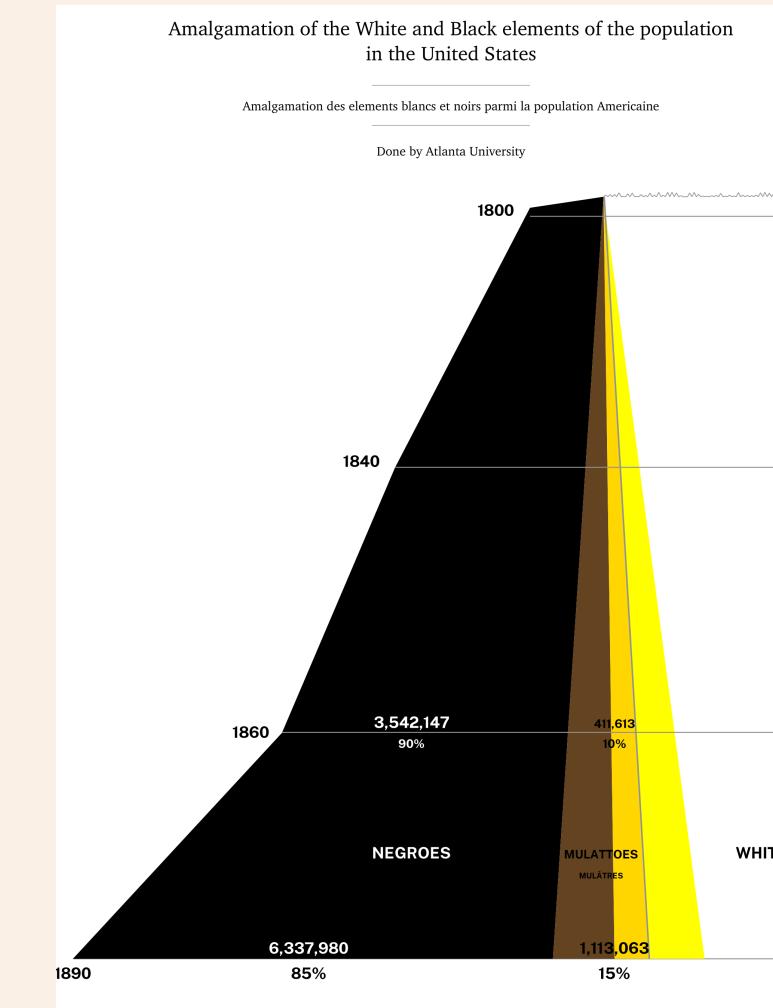
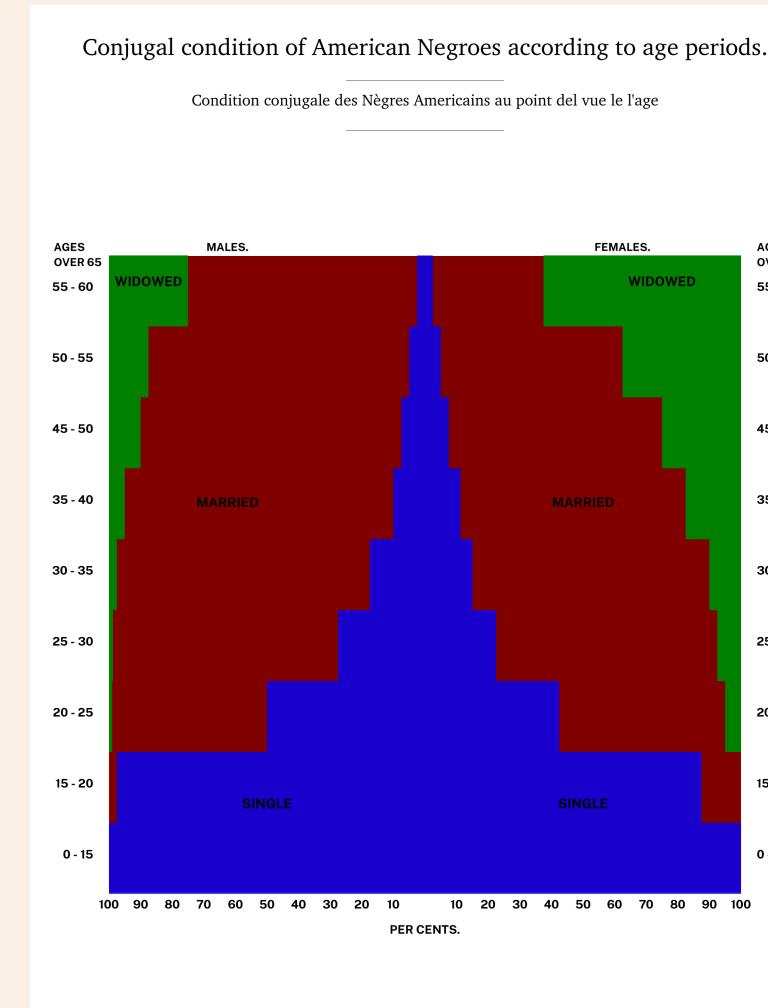
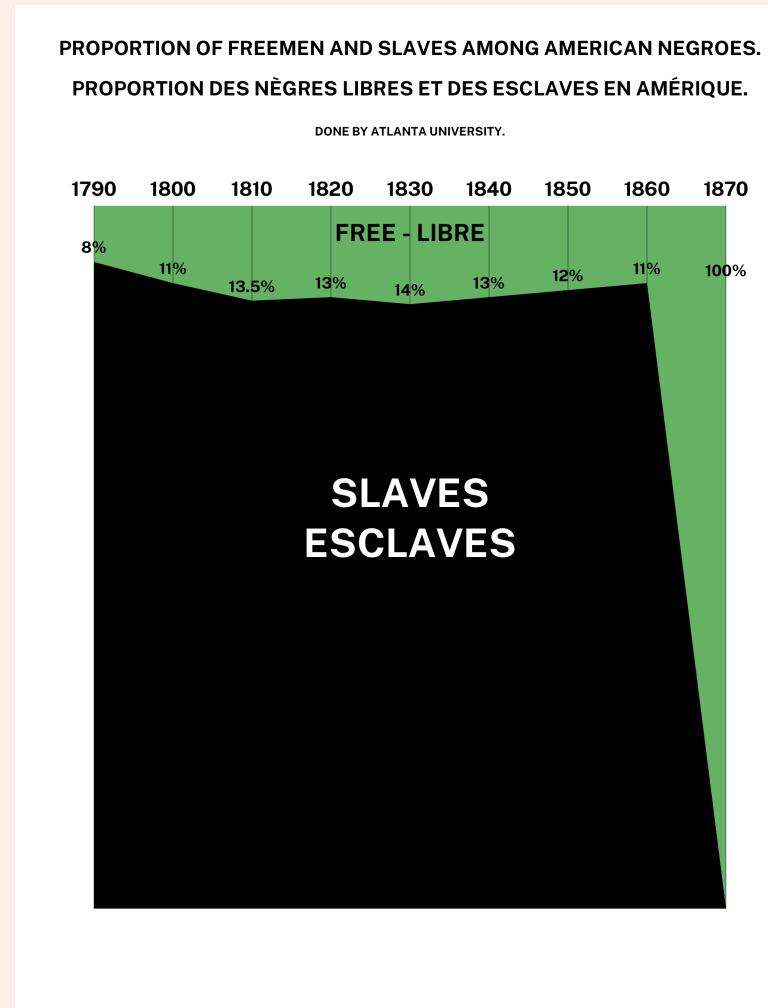
# Maps



# Circles

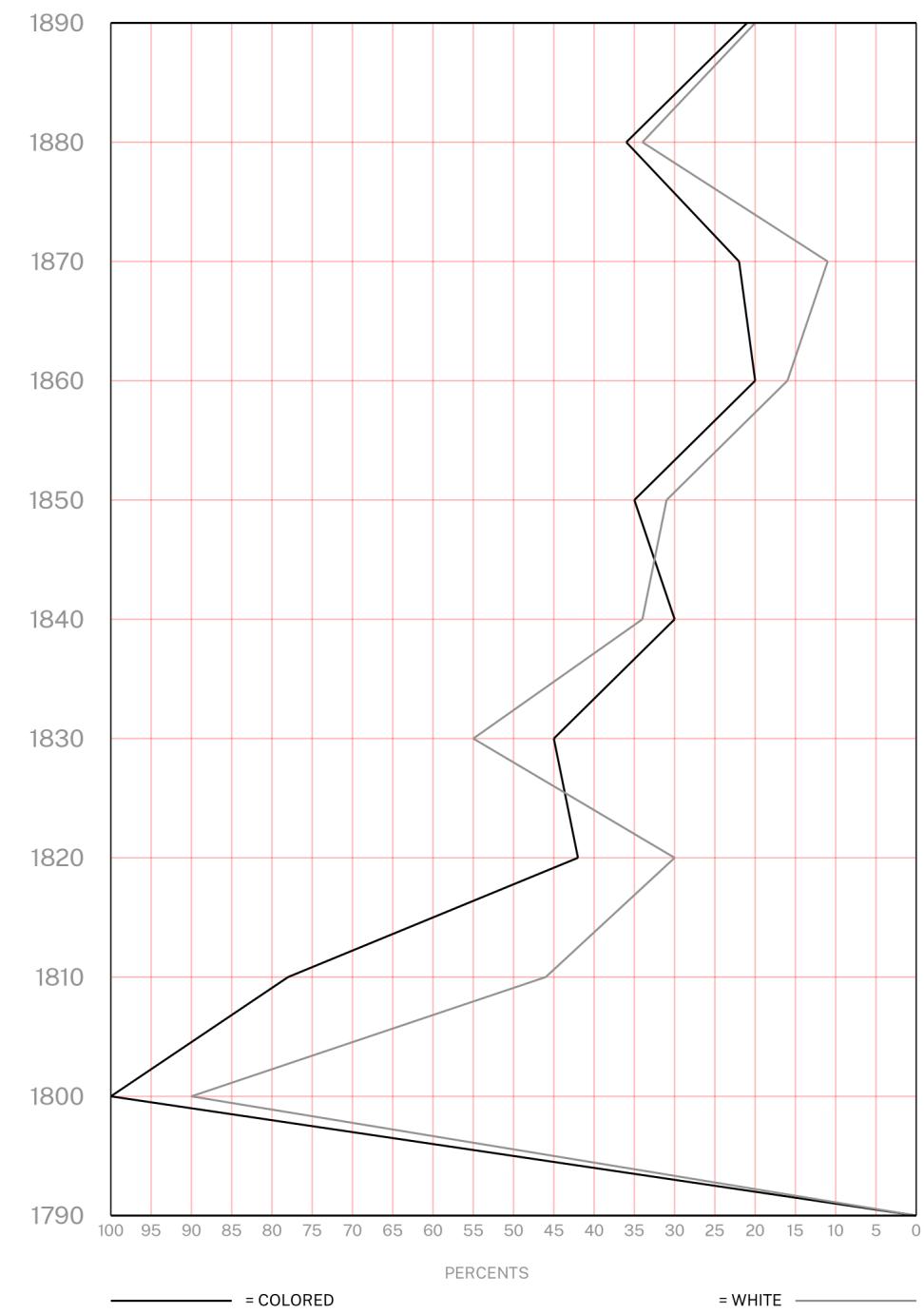


# Blocks

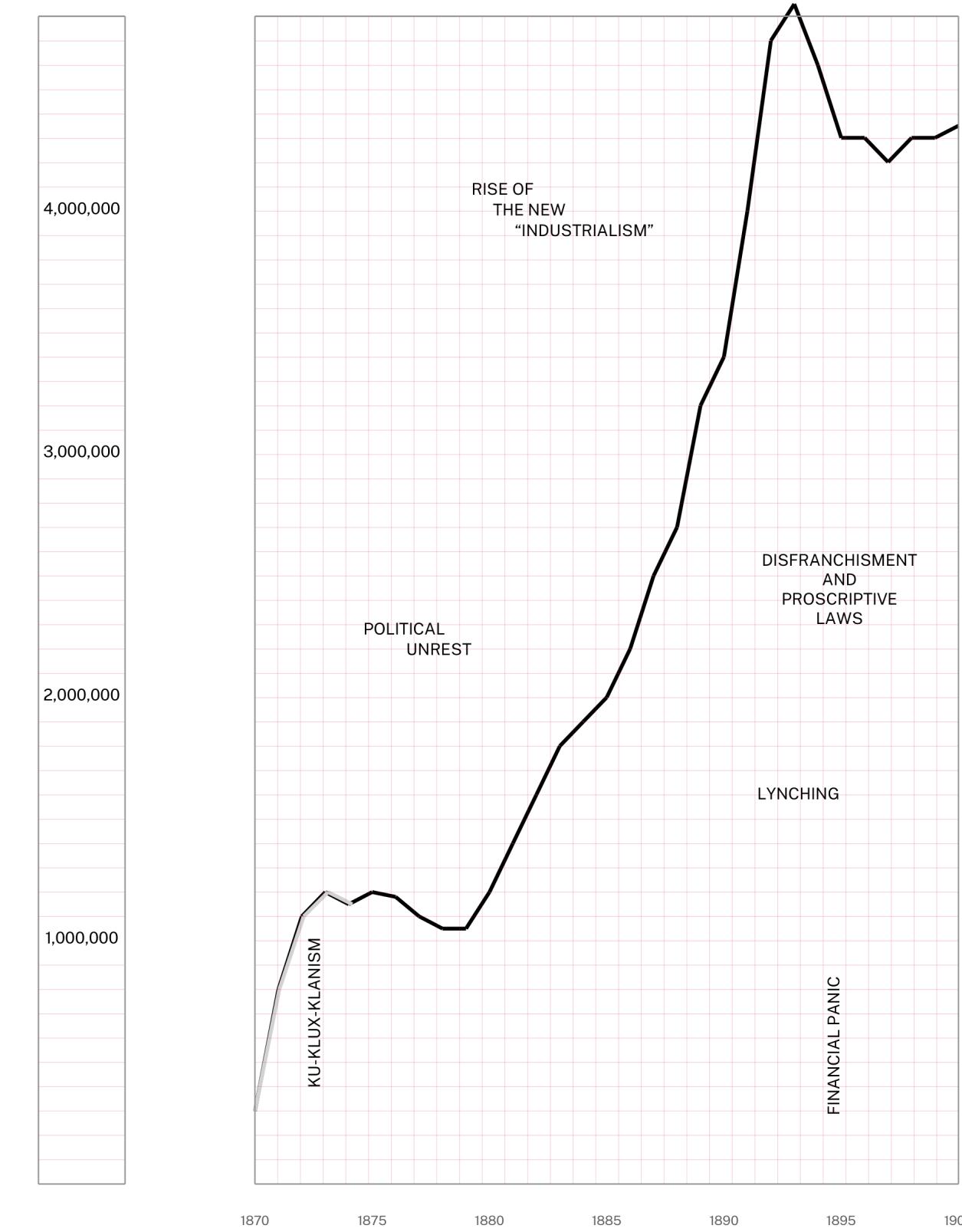


# Graphs

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

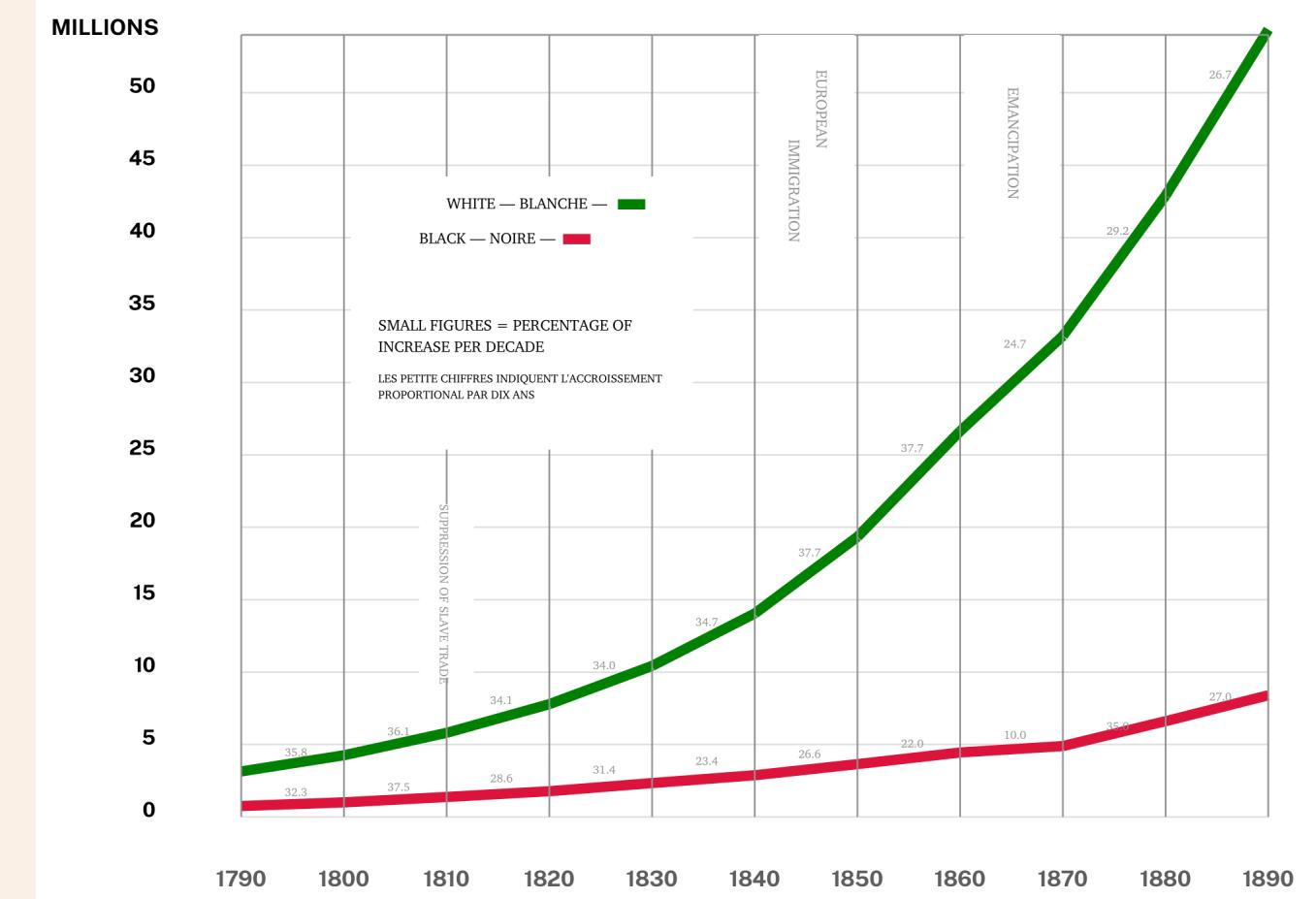


**VALUATION OF TOWN AND CITY PROPERTY OWNED BY GEORGIA NEGROES**



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



brown



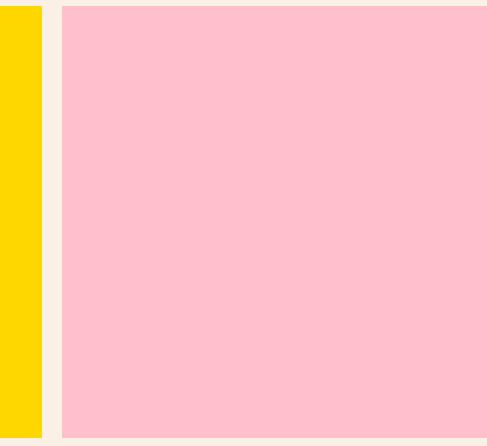
tan



gold



pink



red



green



blue



#000000

#654321

#d2b48c

#ffd700

#ffc0cb

#dc143c

#00aa00

#4682b4

Typography

Public Sans

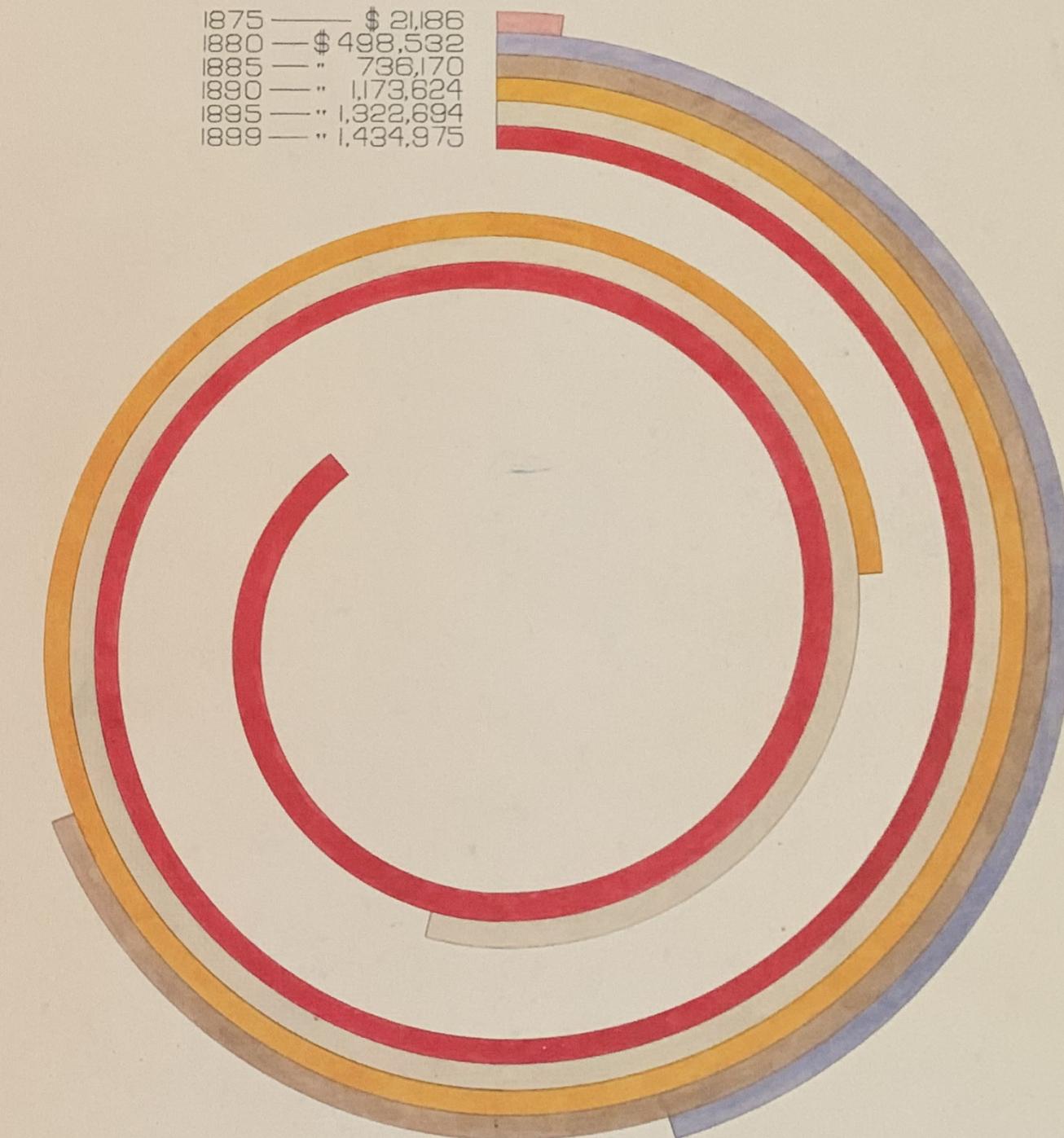
Charter

WILLIAM

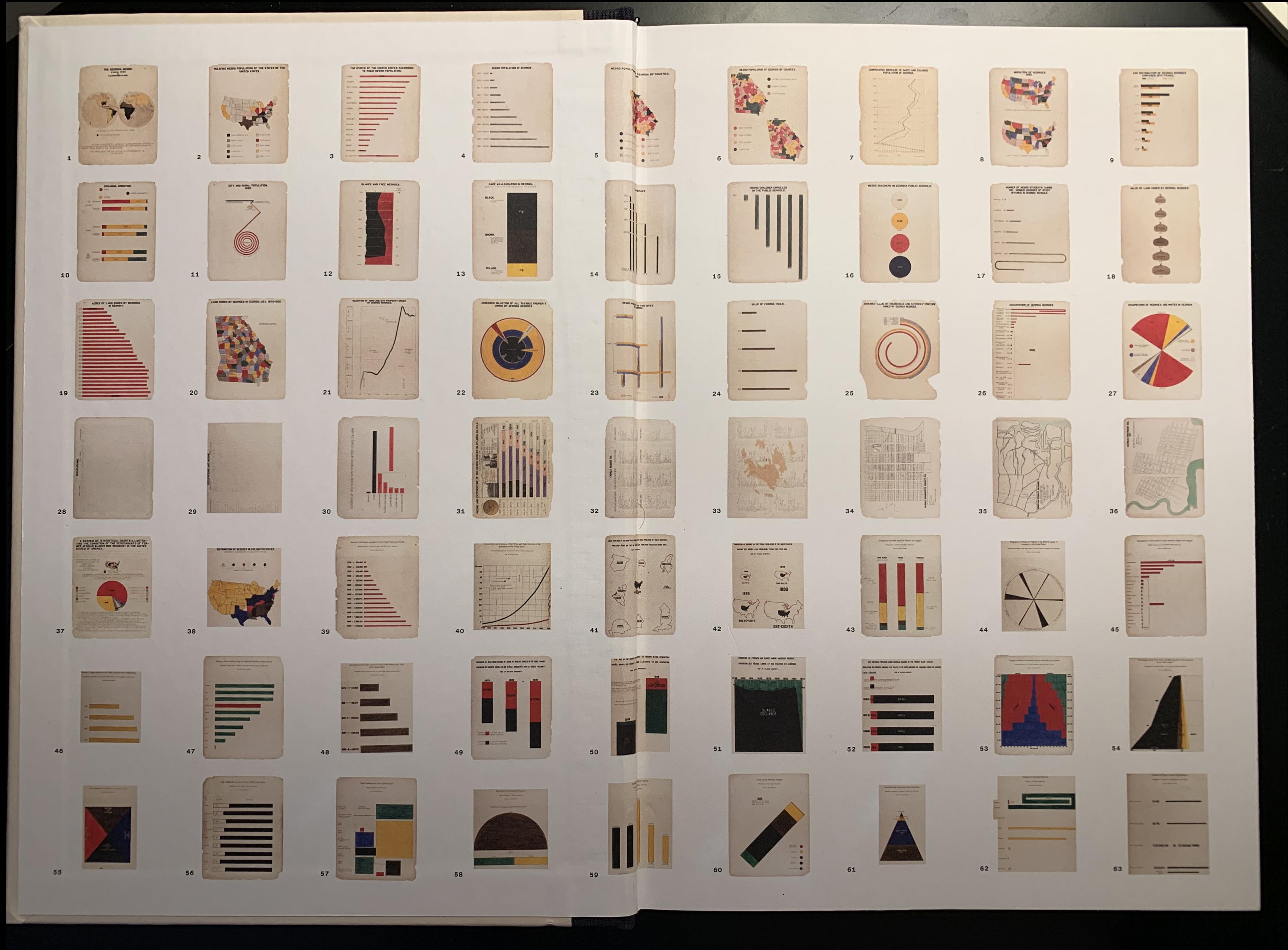
**W. E. B. Du Bois's Data Portraits**  
**Visualizing Black America**

THE COLOR LINE AT THE TURN OF THE TWENTIETH CENTURY

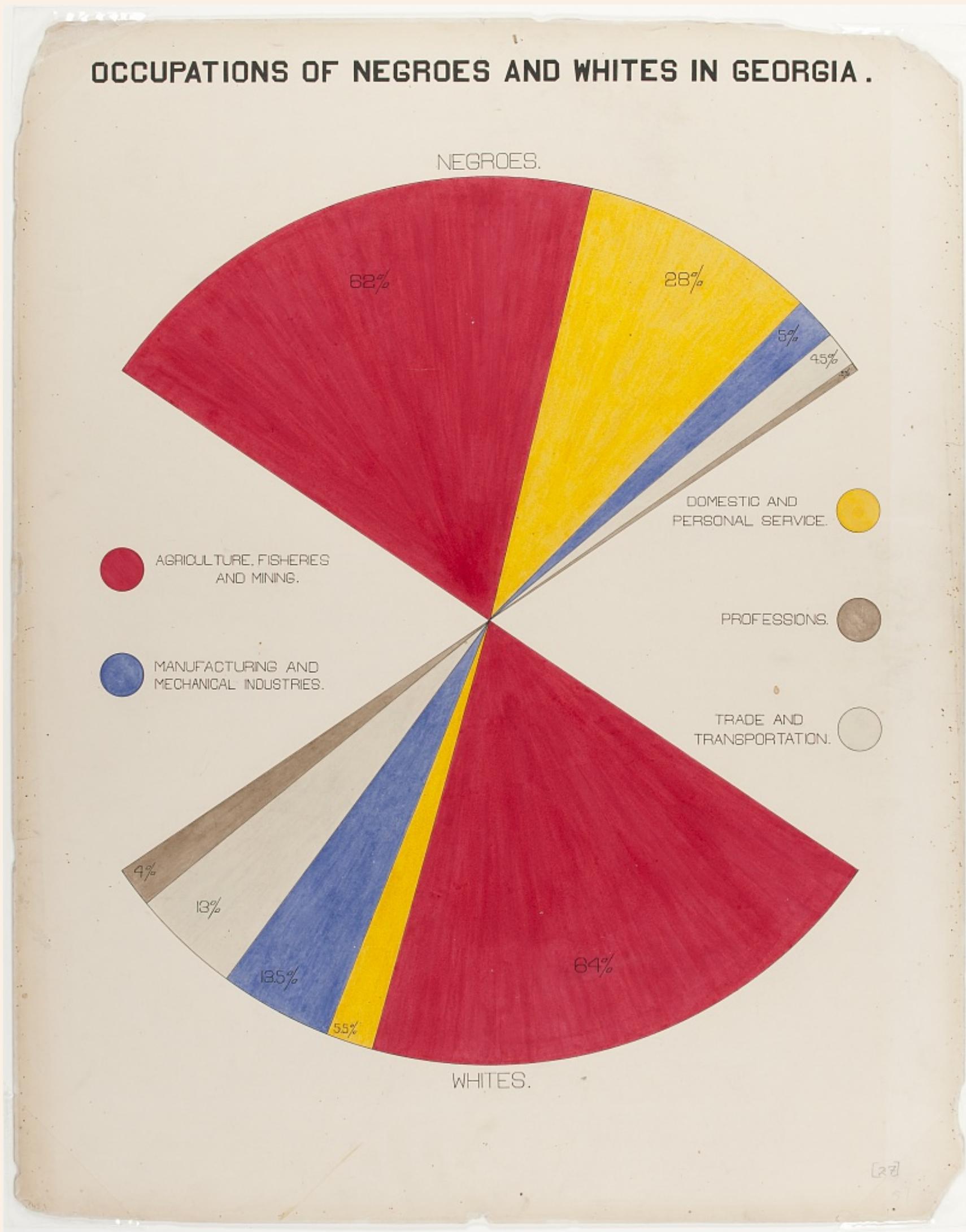
1875 —— \$ 21,86  
1880 —— \$ 498,582  
1885 —— " 786,170  
1890 —— " 1,173,624  
1895 —— " 1,322,894  
1899 —— " 1,434,975



WHITNEY BATTLE-BAPTISTE and BRITT RUSERT, editors

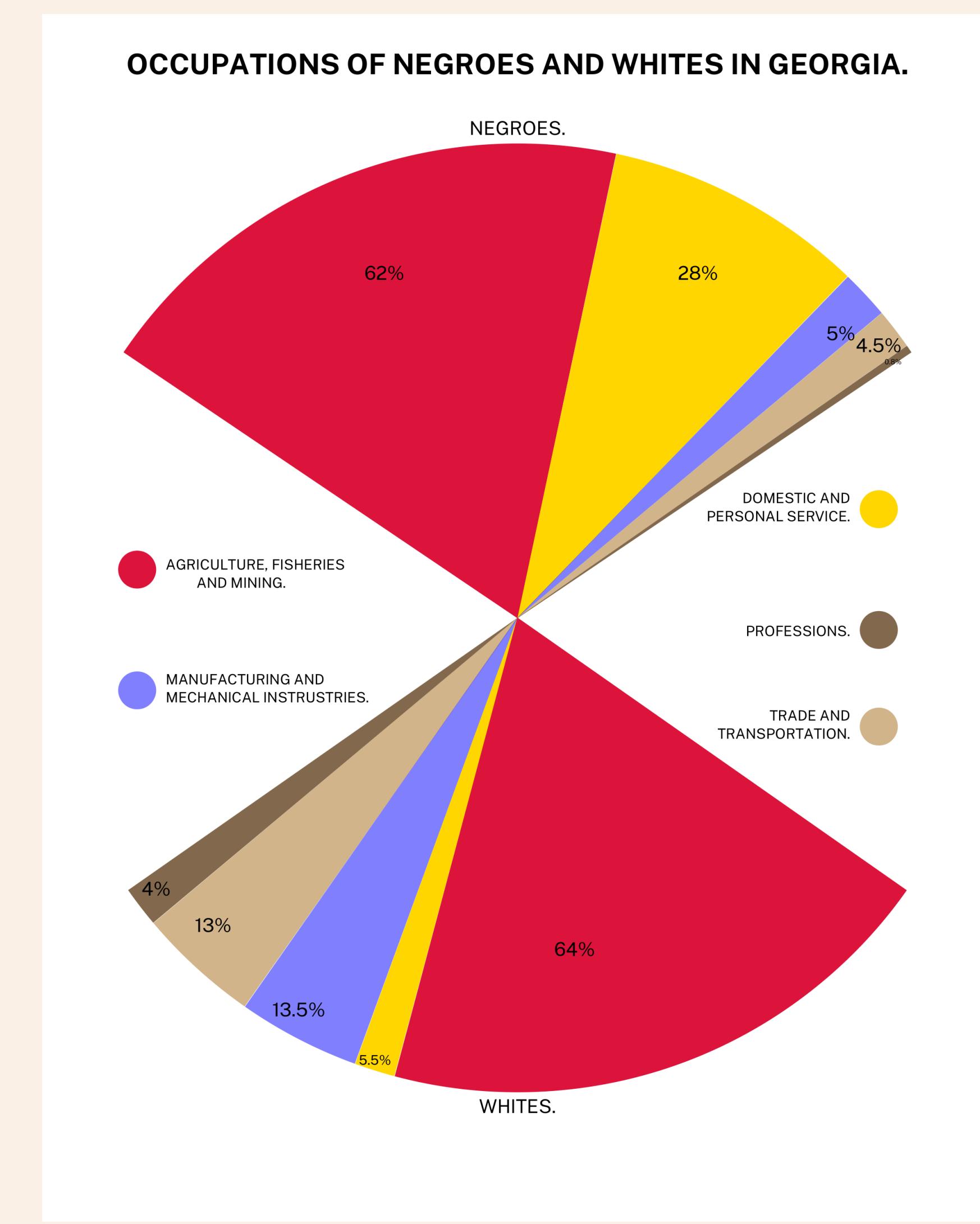


# Pen, Ink, Watercolor, Paper, Expos

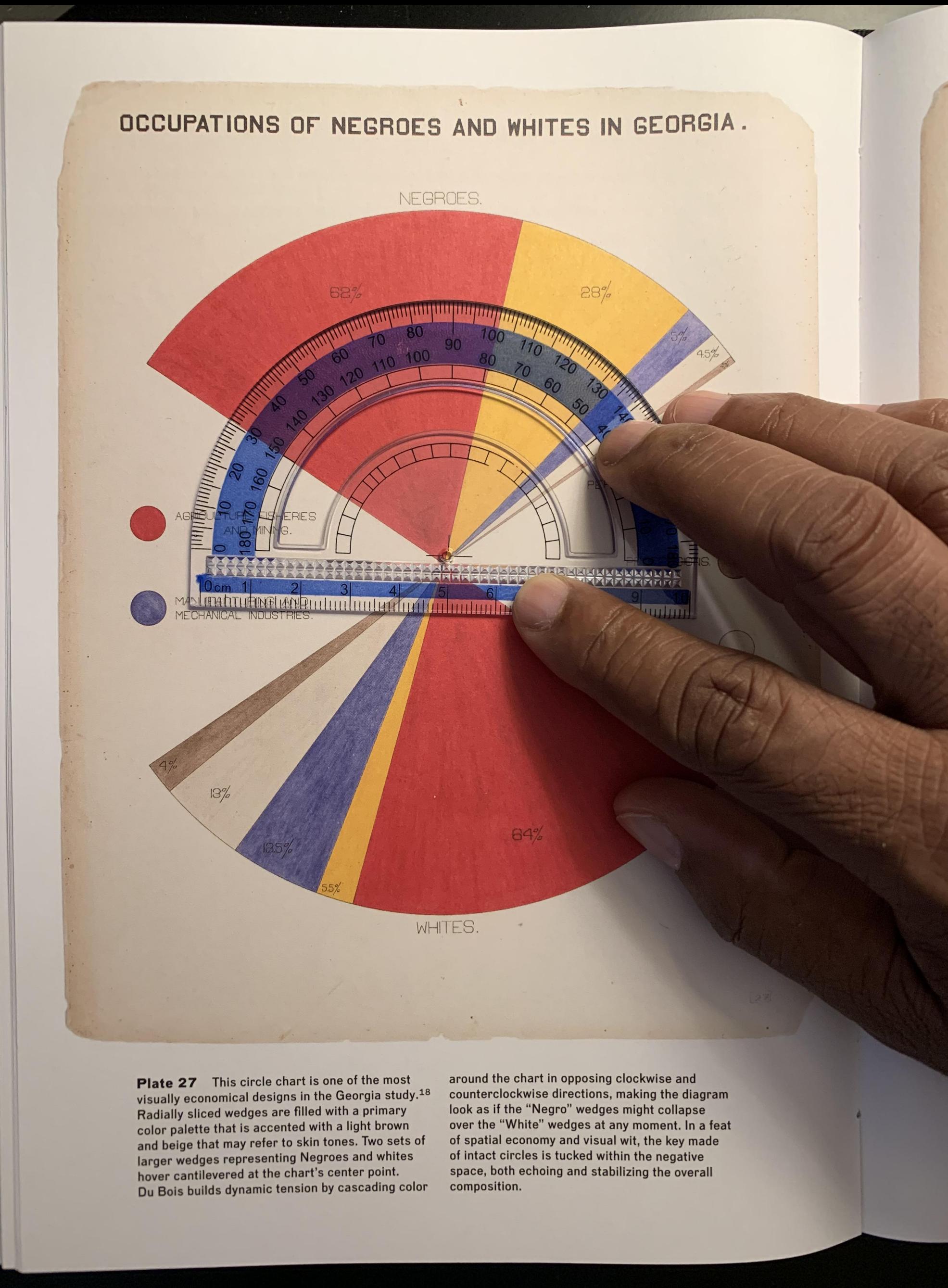
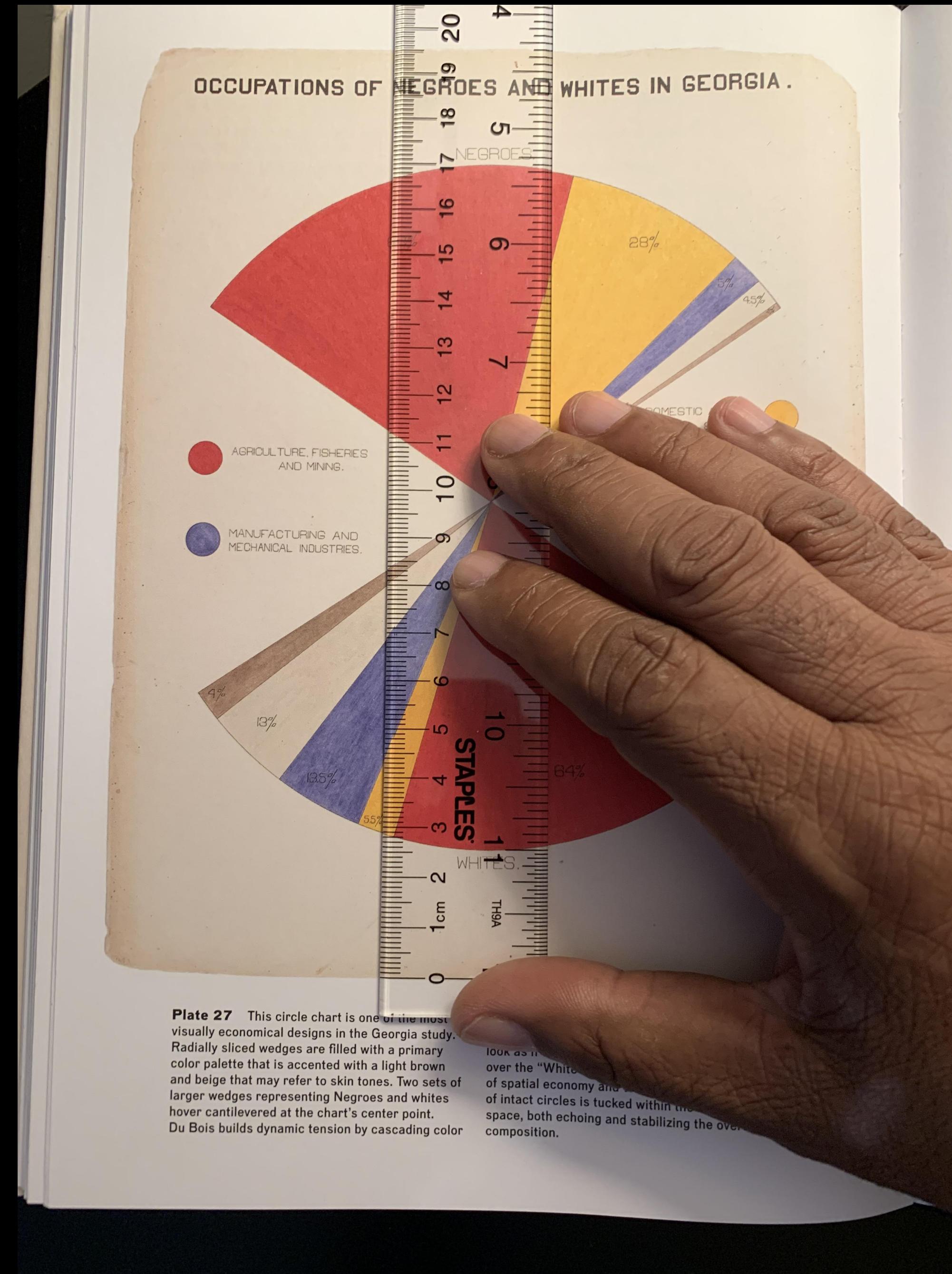


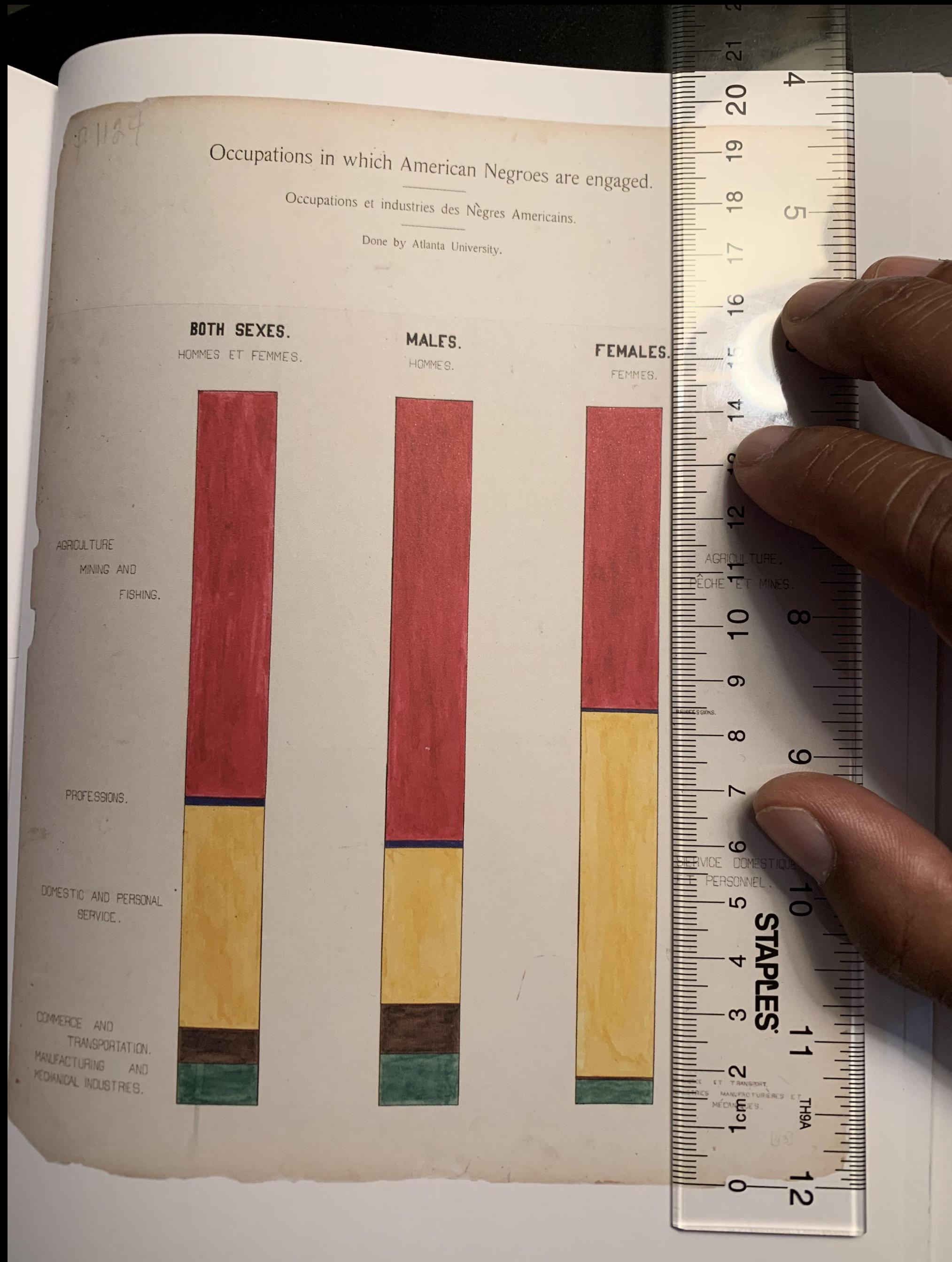
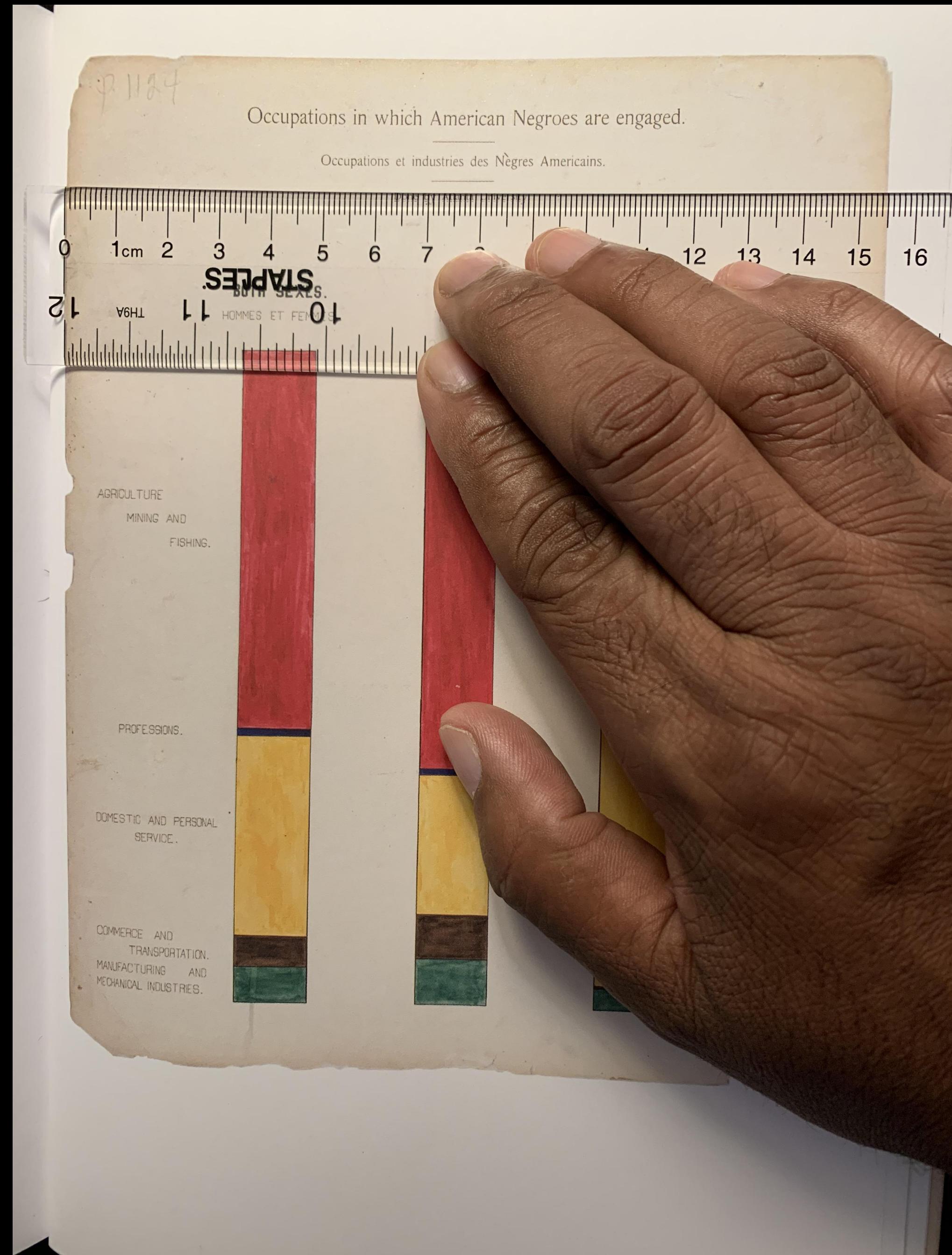
1900

# Scripting, Digital Fonts, PDF, Internet

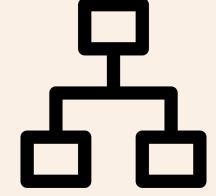


2019





# decksh

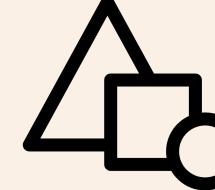
 **Structure**

 **Text**

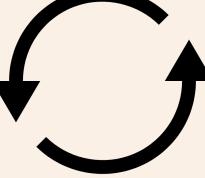
 **Lists**

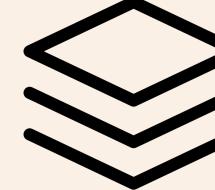
 **Arrows**

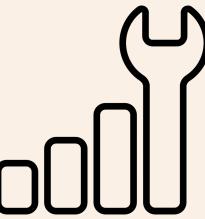
 **Images**

 **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

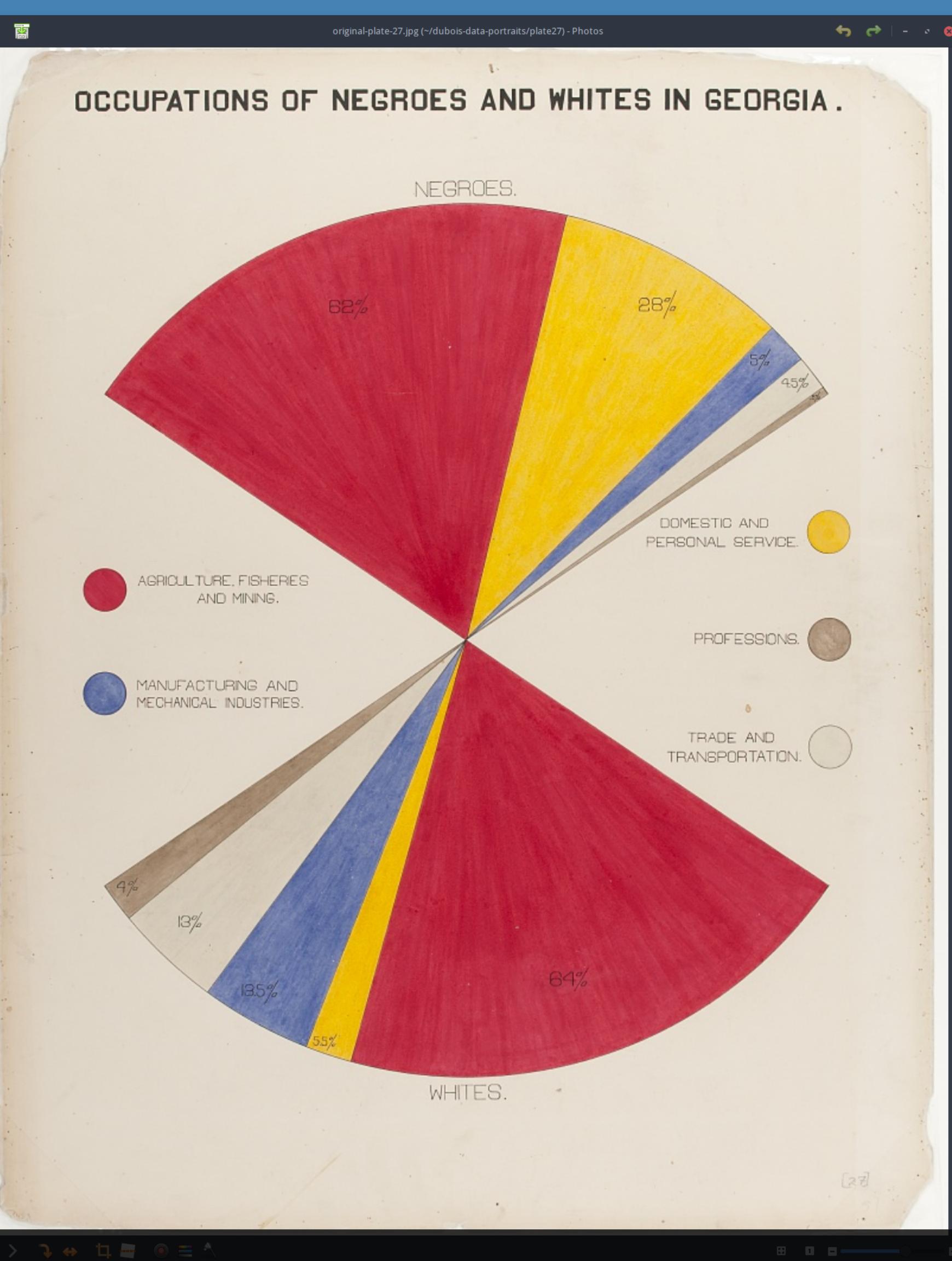
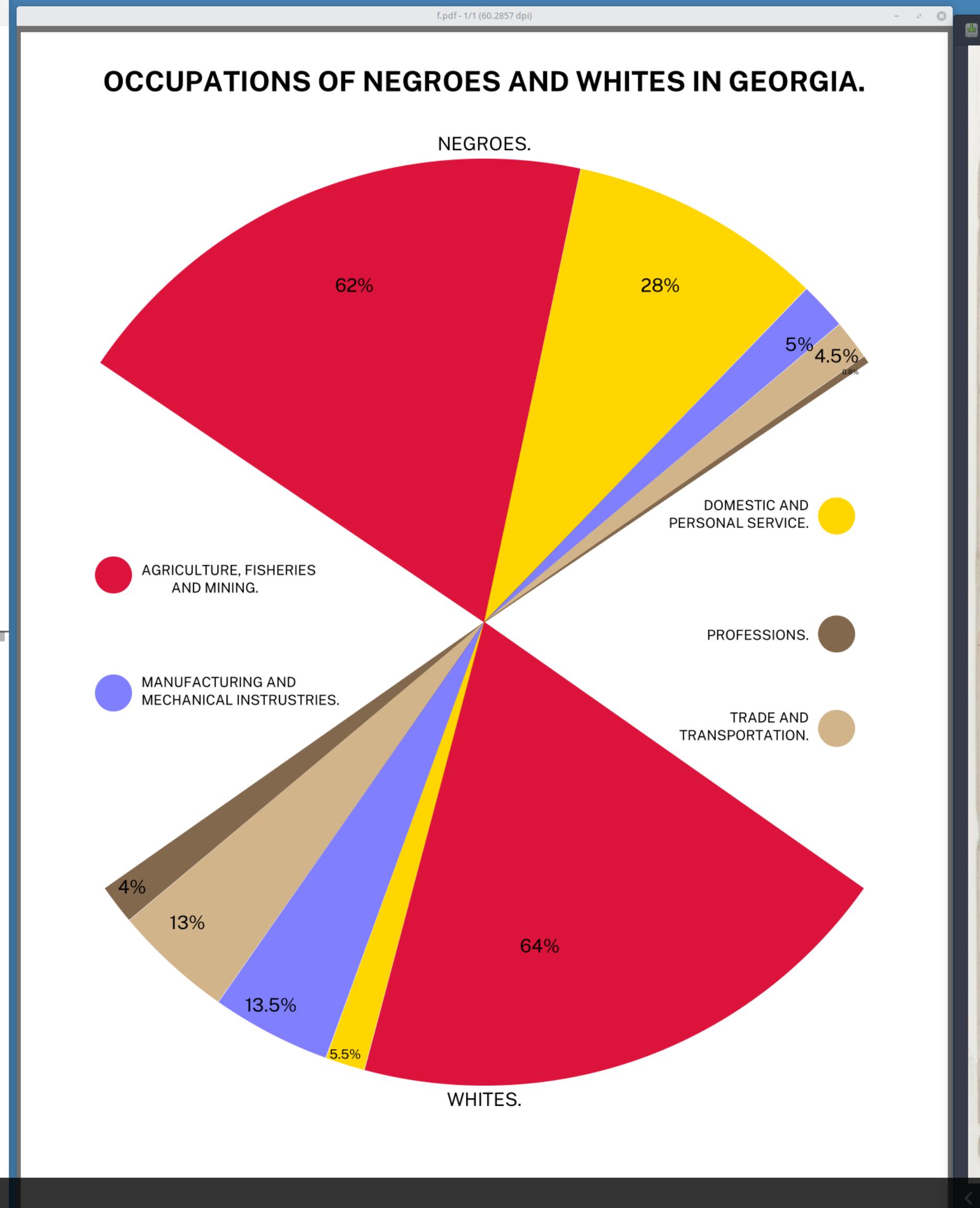
etext "PROFESSIONS." cx2 48.5 legsize

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

```

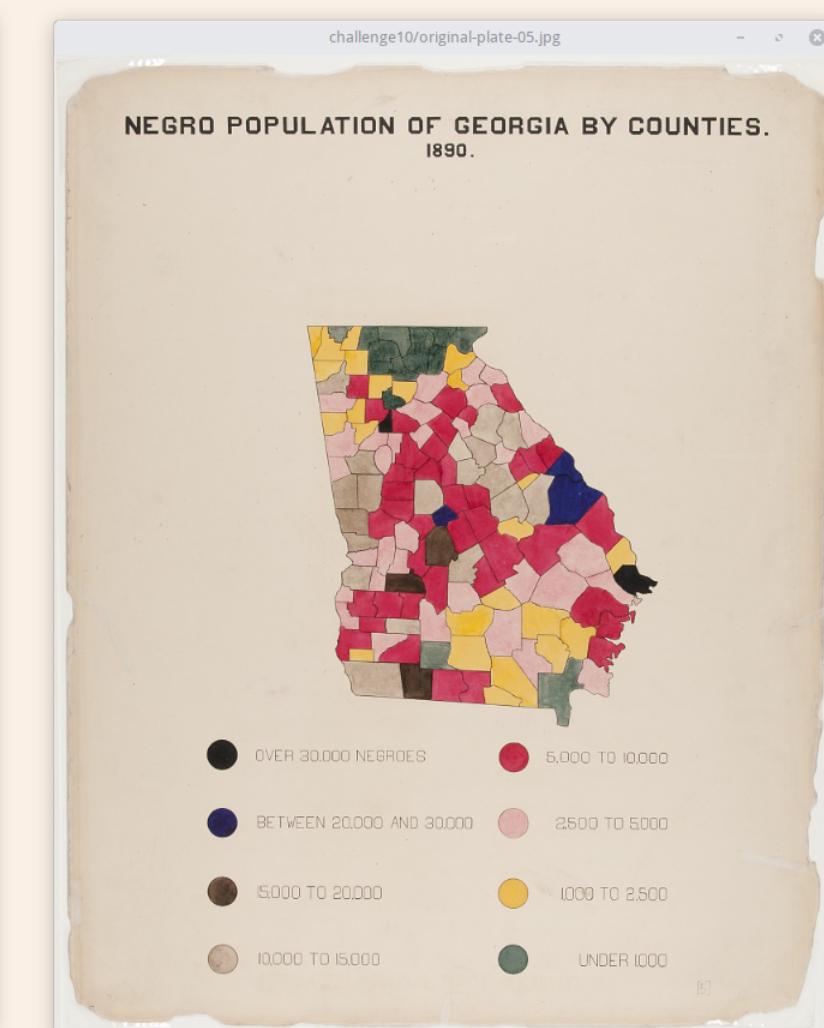
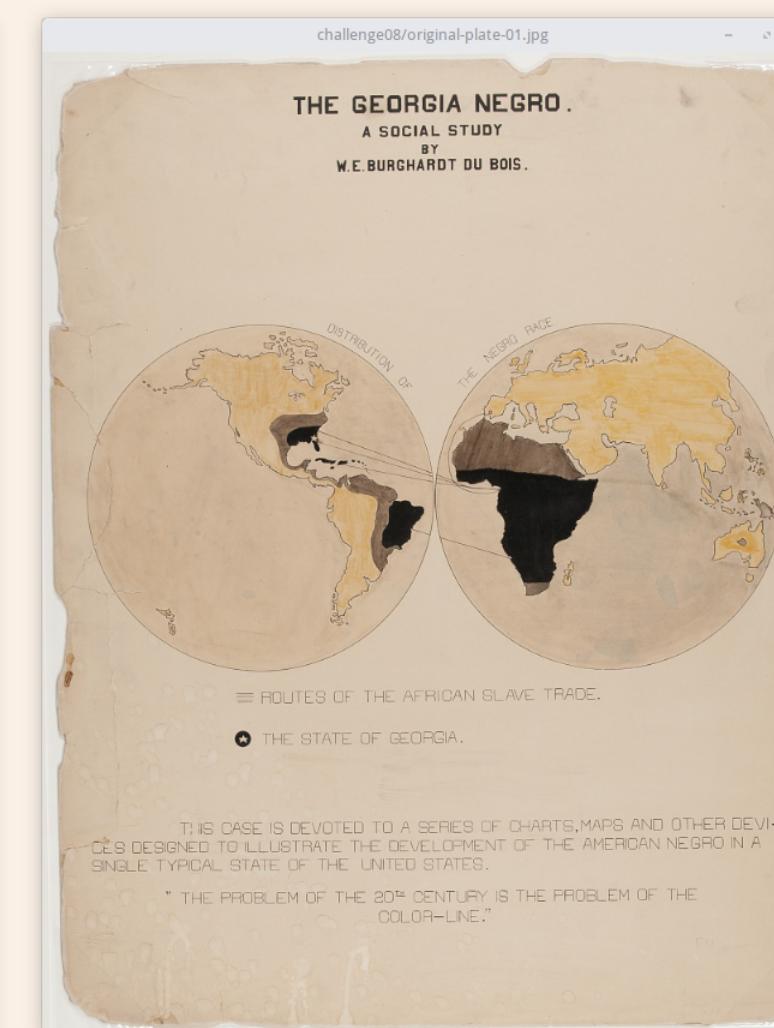
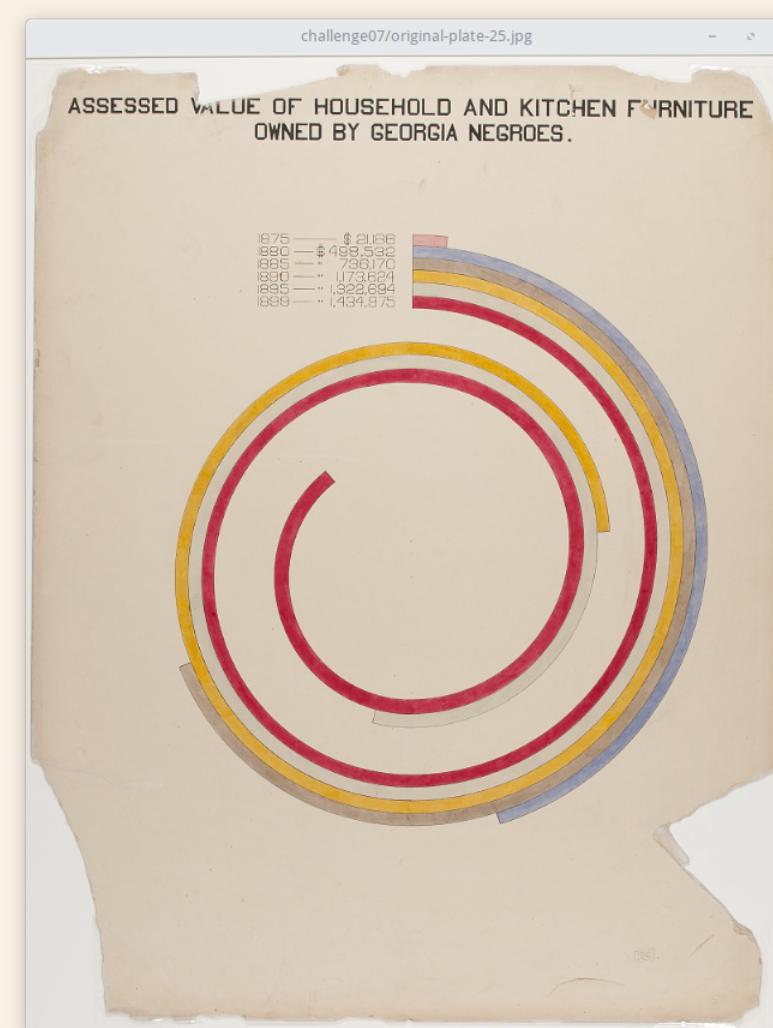
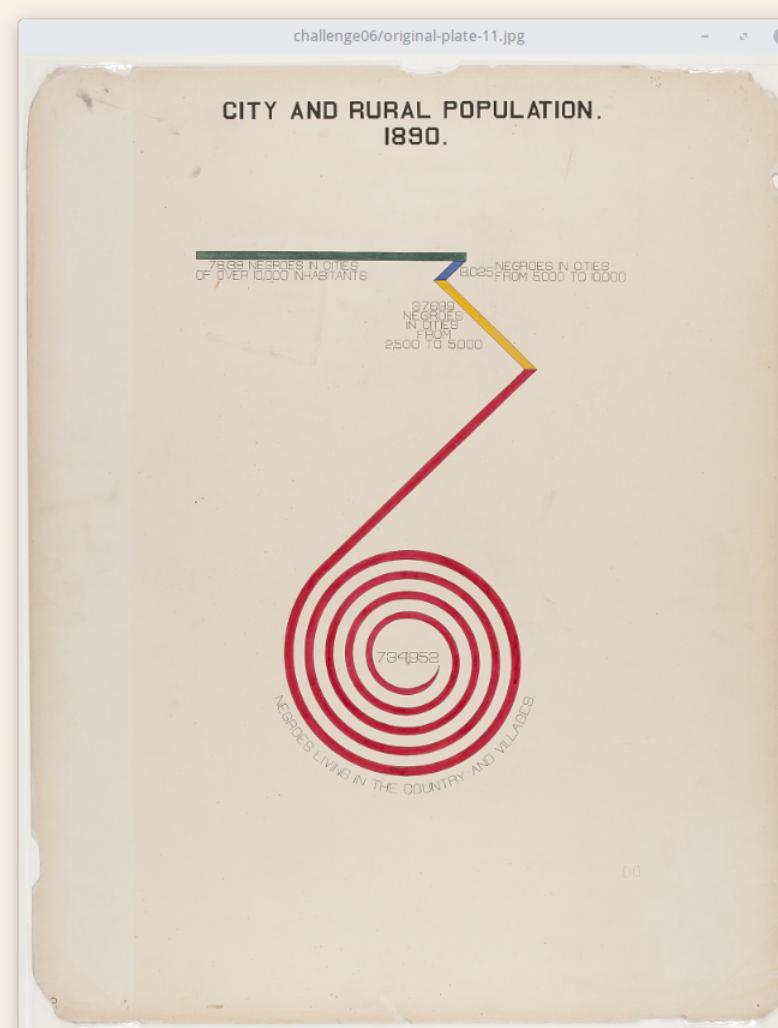
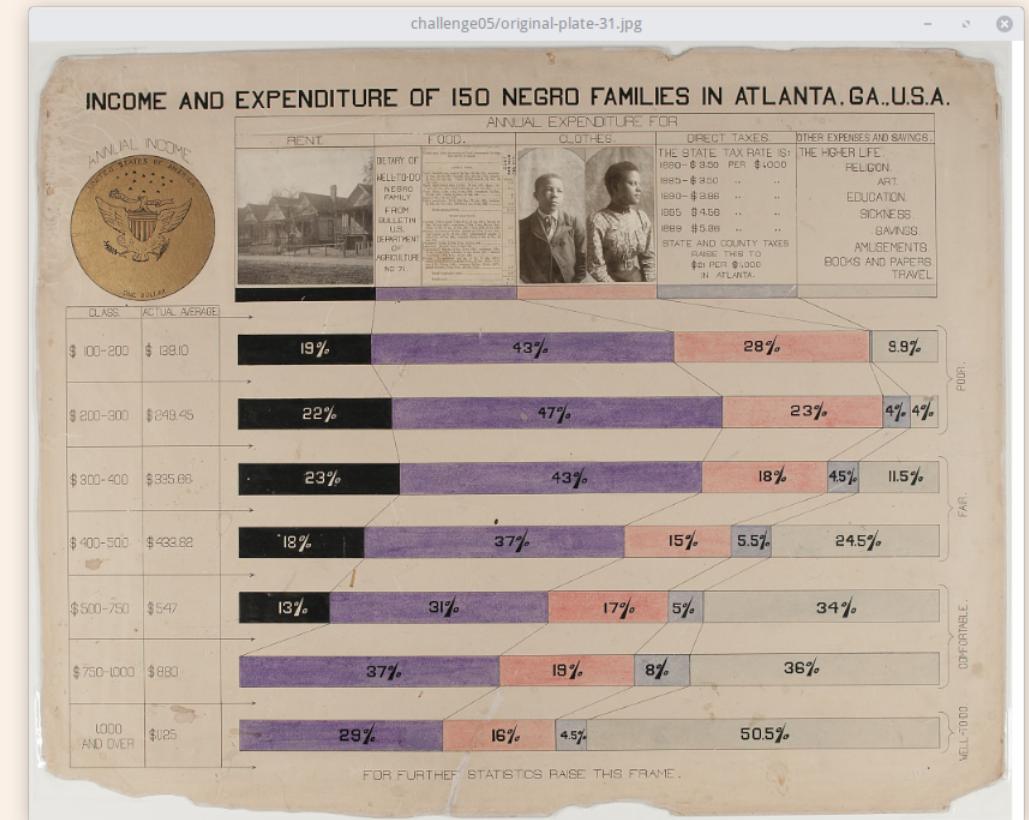
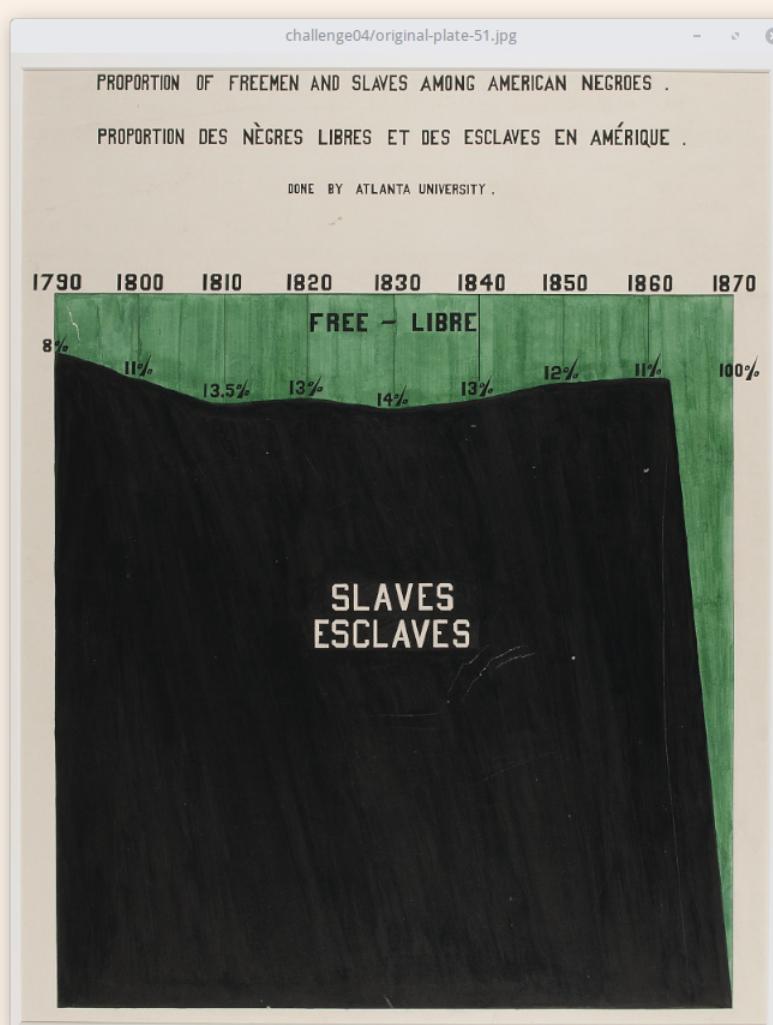
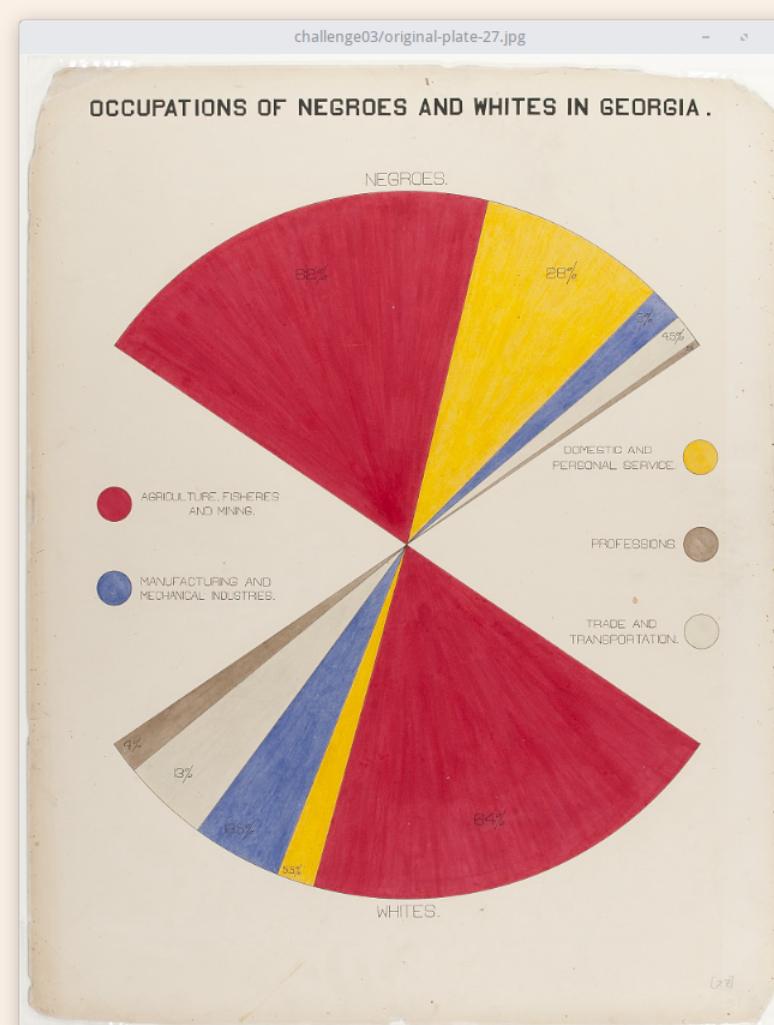
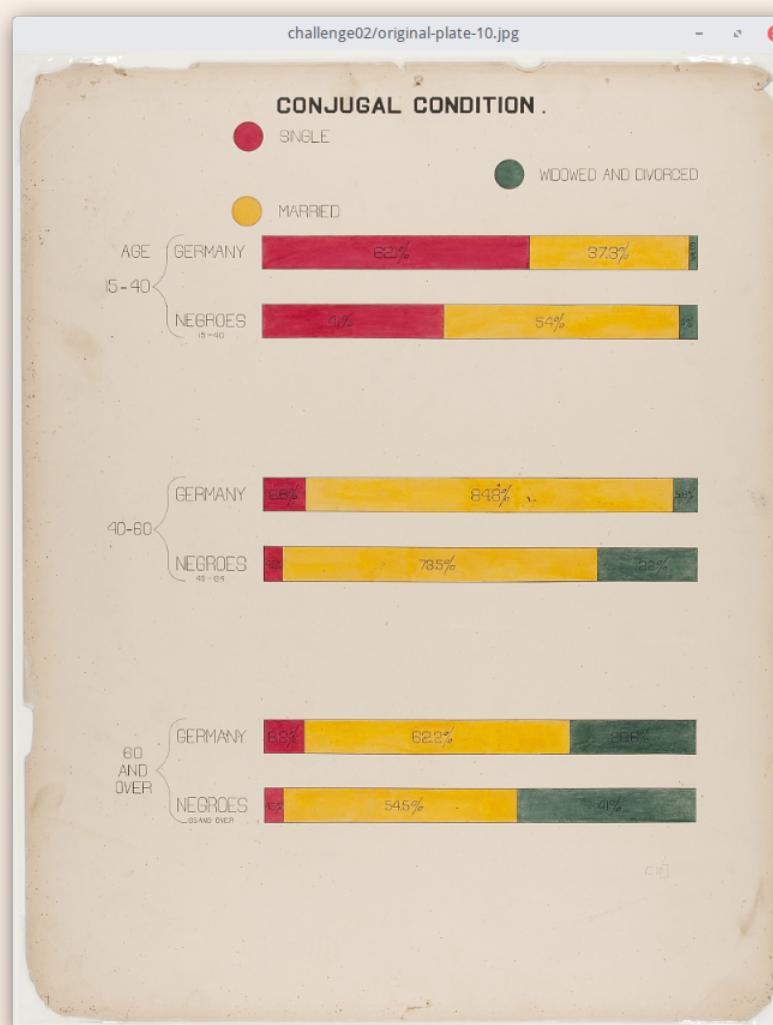
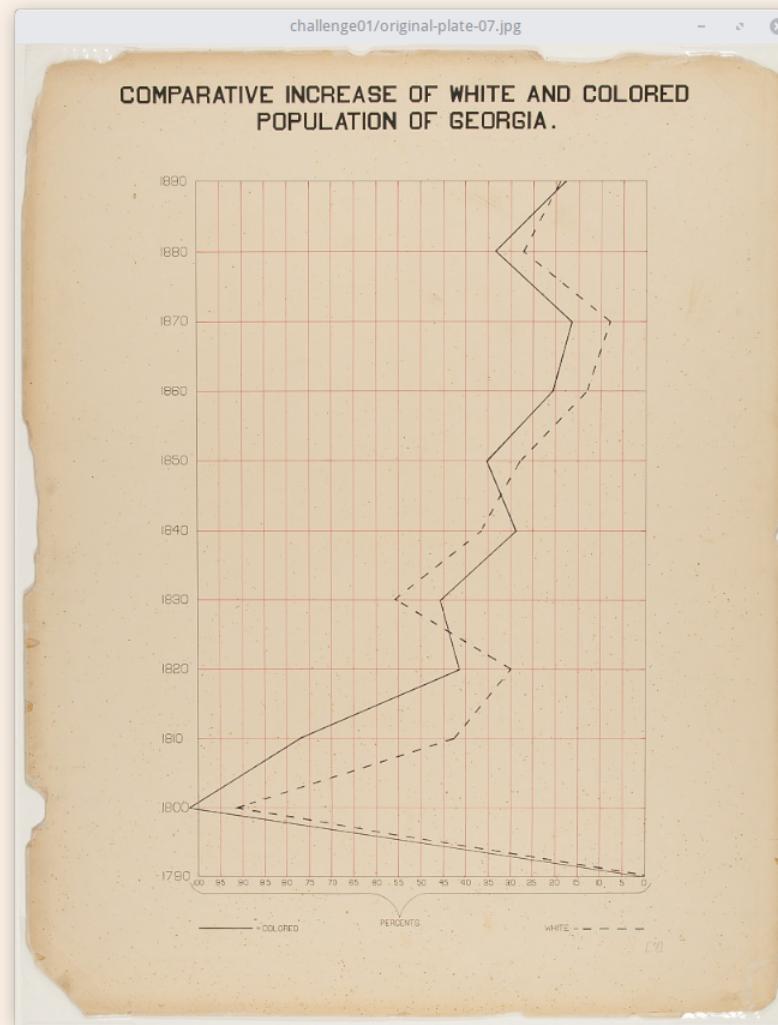


Code

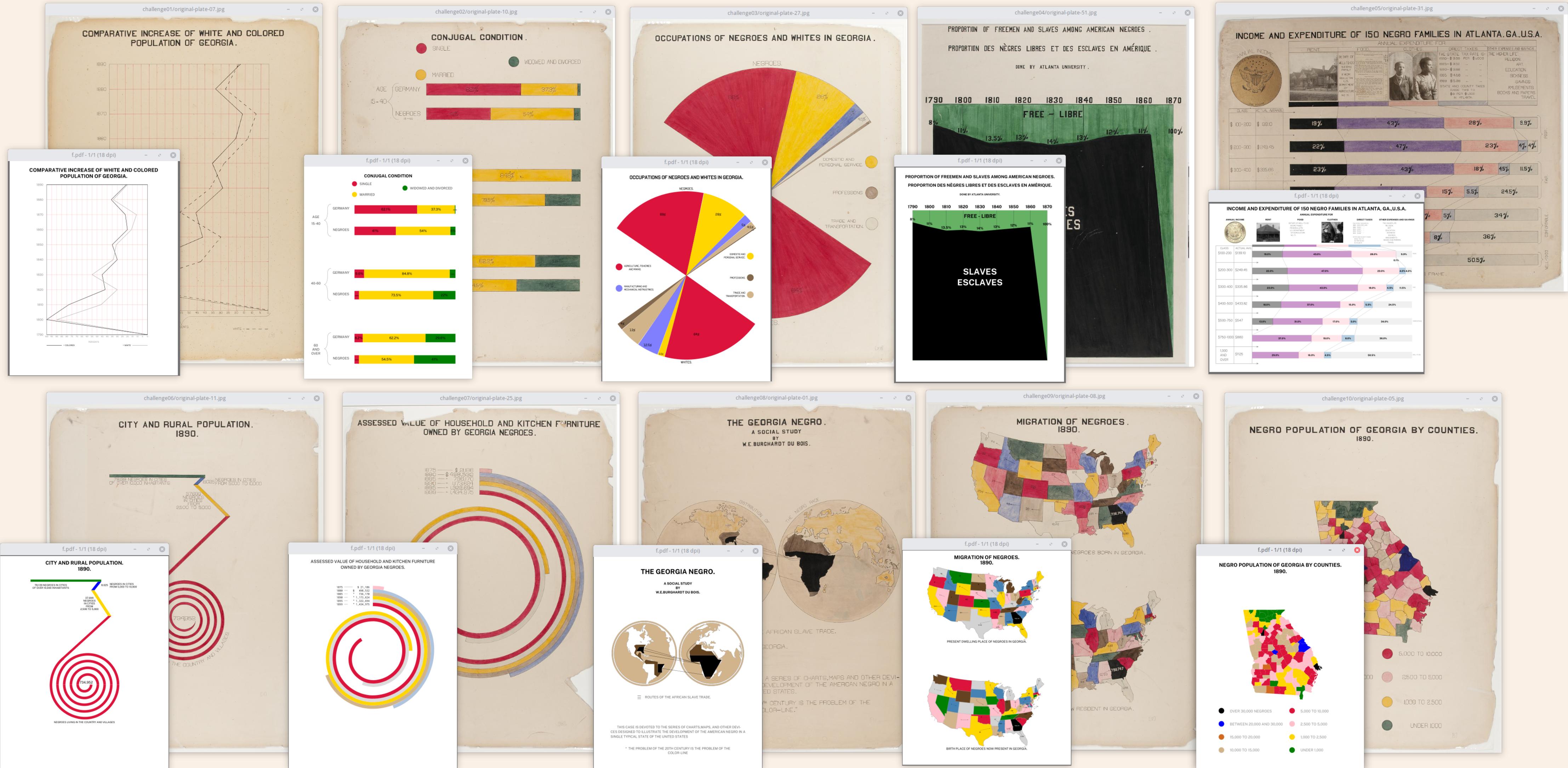
Output

Reference

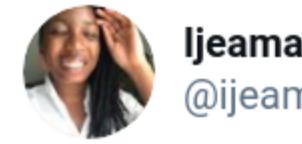
# #DuboisChallenge



# #DuboisChallenge



# #DuboisChallenge

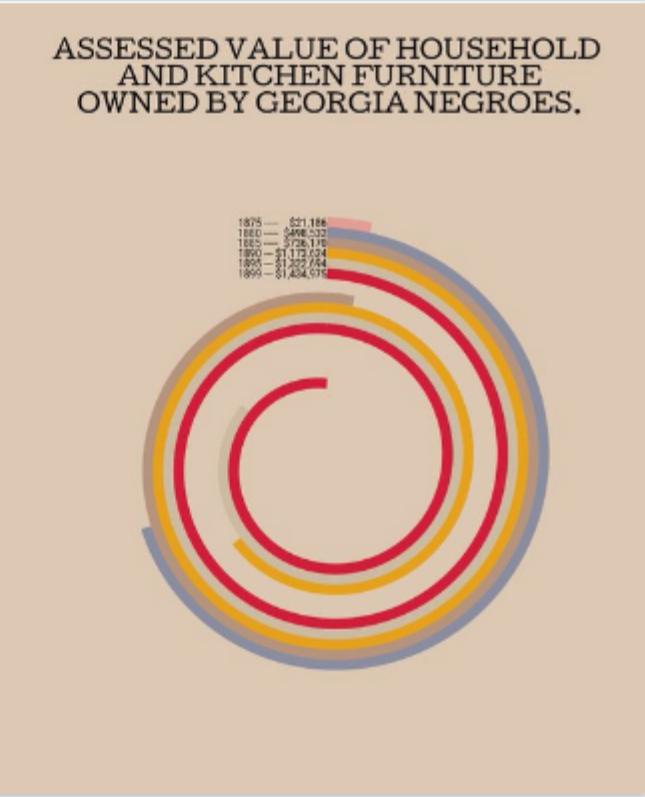
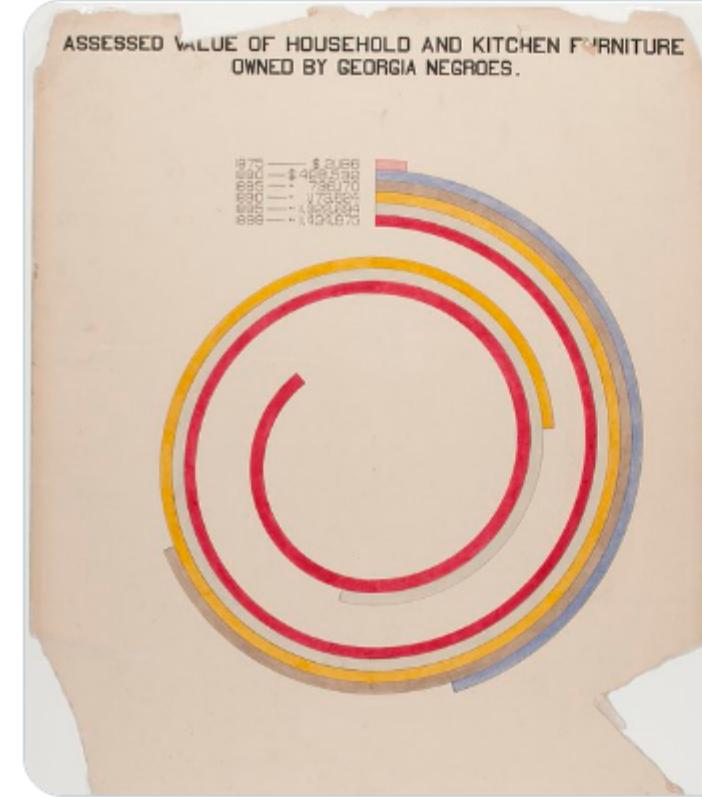


Ijeamaka A

@ijeamaka\_a

#TidyTuesday and #DuBoisChallenge

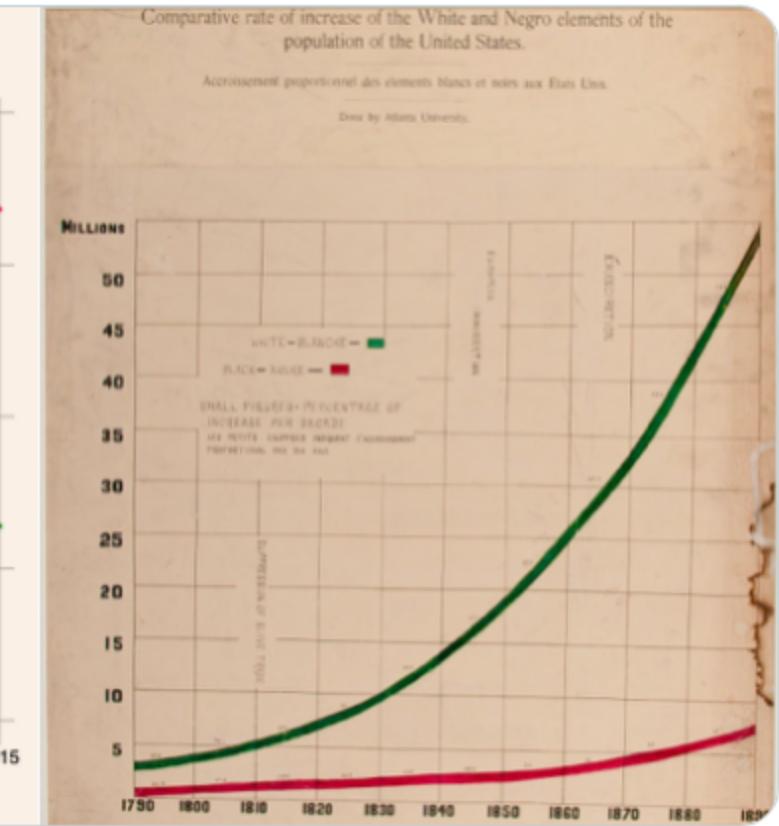
I decided to recreate challenge 07 using only coord\_polar. It is not a perfect recreation, but I am happy with it (mostly because I didn't have to use my very rusty trigonometry knowledge).



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!

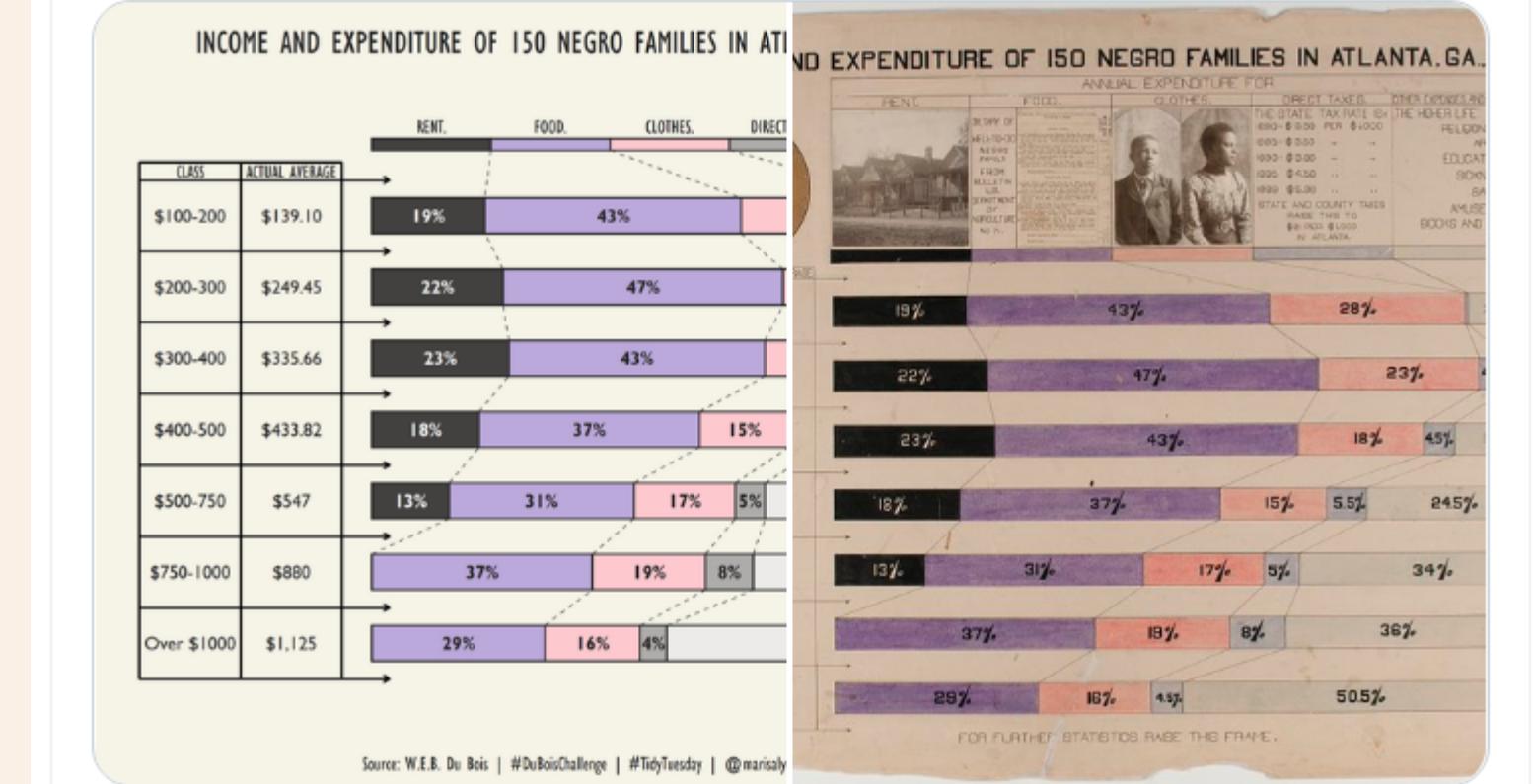


Marisa Henry

@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!

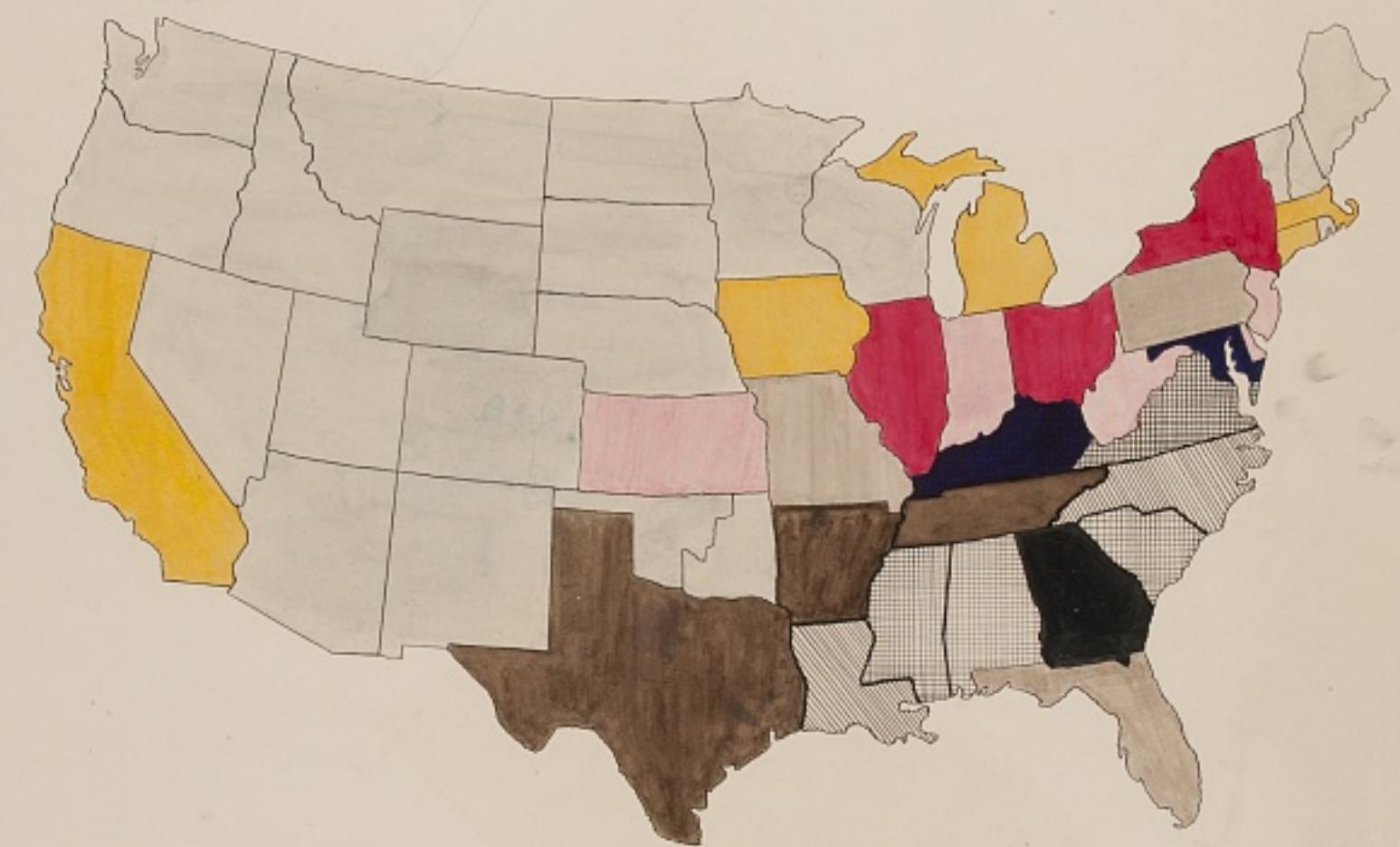
: [github.com/marisalyn/tidy...](https://github.com/marisalyn/tidy...)



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

# Contemporary Data

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

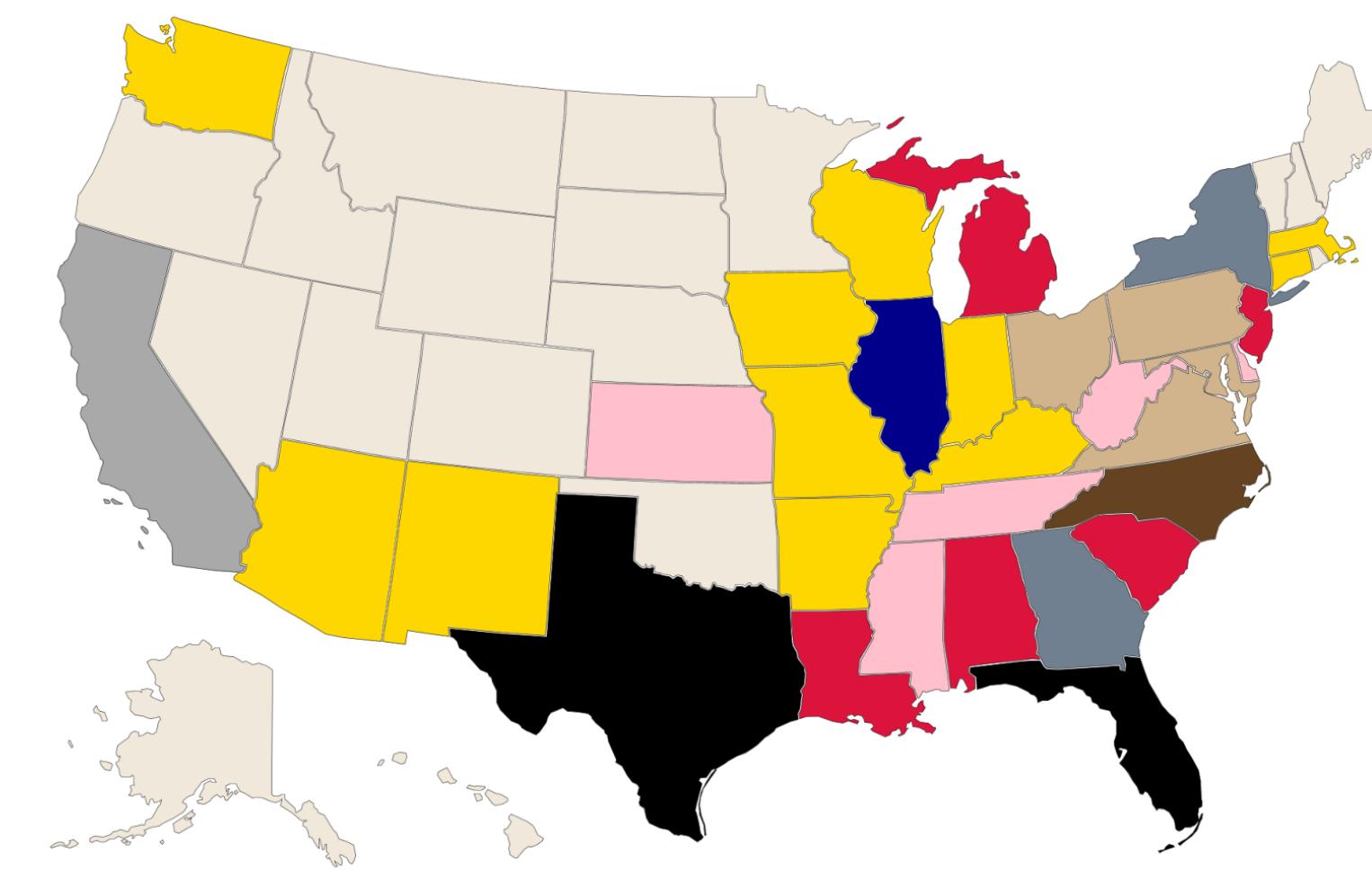
■ 300,000 — 500,000

■ 10,000 — 25,000

■ 200,000 — 300,000

■ UNDER — 10,000

RELATIVE BLACK POPULATION OF THE STATES OF THE UNITED STATES. (2021)



■ 4.0 - 3.6 MILLION

■ 2.0 - 1.6 MILLION

■ 3.6 - 3.2 MILLION

■ 1.6 - 1.2 MILLION

■ 3.2 - 2.8 MILLION

■ 1.2 - 0.8 MILLION

■ 2.8 - 2.4 MILLION

■ 0.8 - 0.4 MILLION

■ 2.4 - 2.0 MILLION

■ UNDER 0.4 MILLION



Teju Cole

Authorship, after all, is  
not only what is created  
but also what is selected.