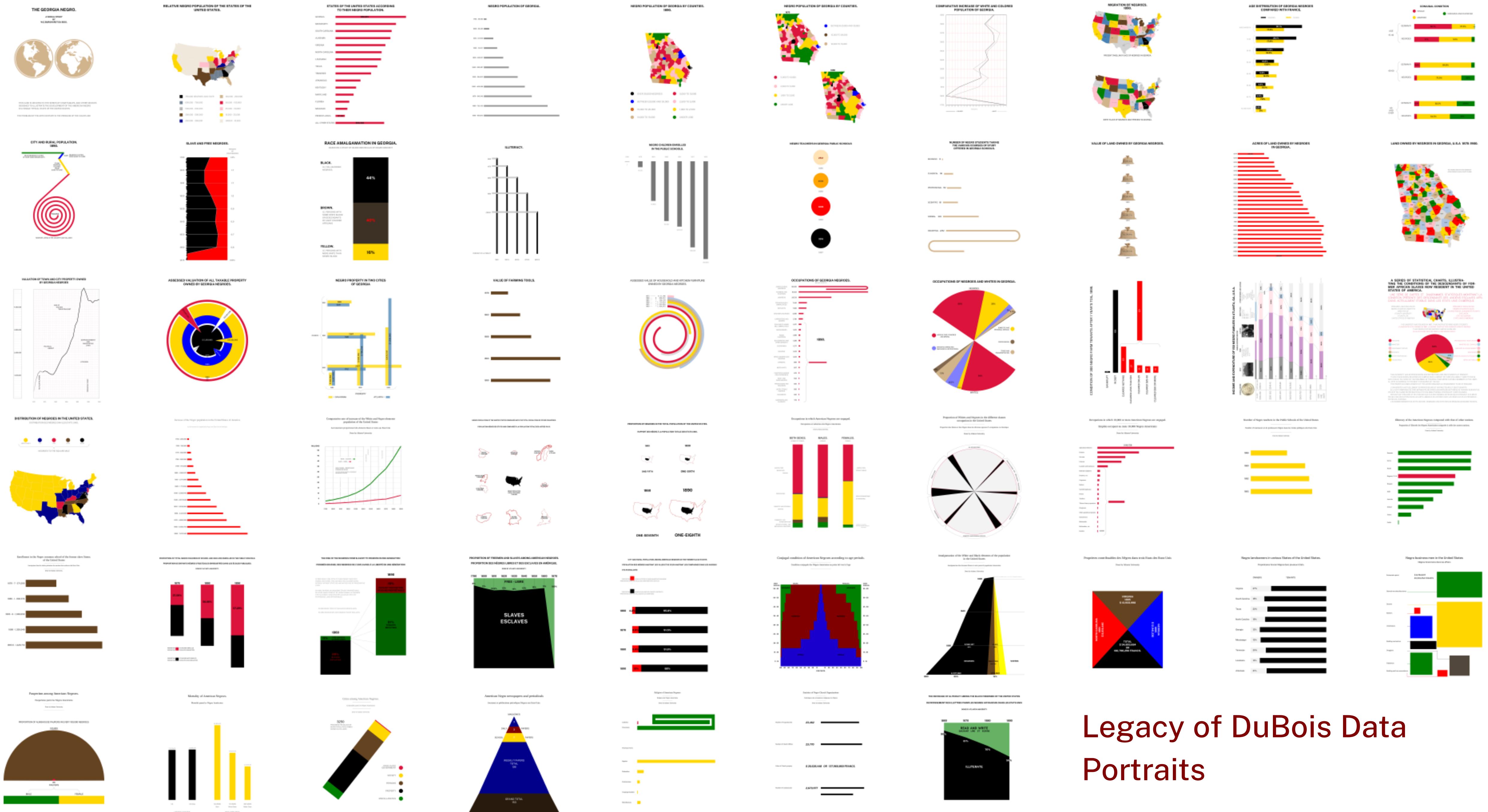


Legacy of DuBois Data Portraits





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‡ |

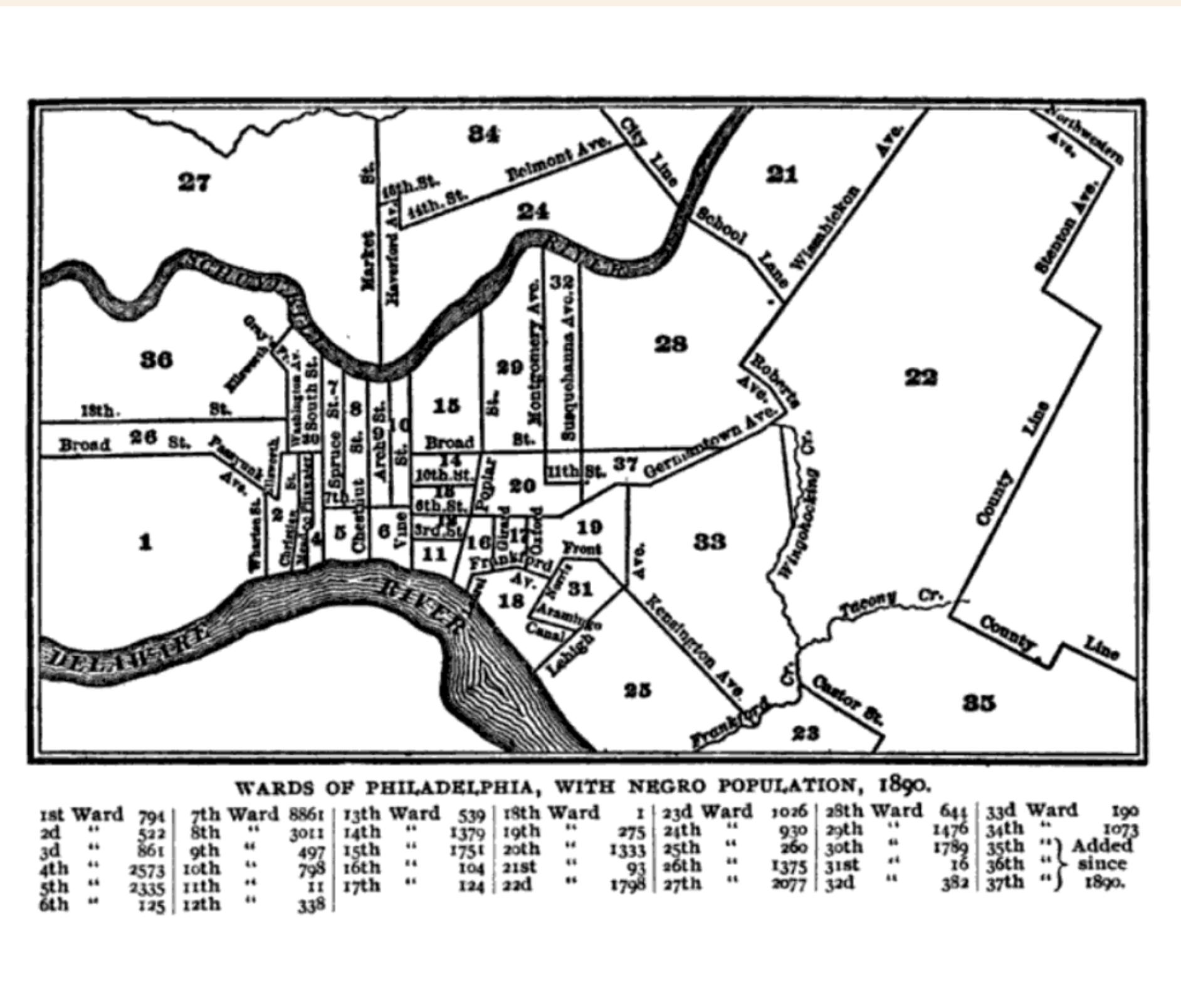
* Including Chinese, Japanese and Indians. † 15 to 55. ‡ Over 55.

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:

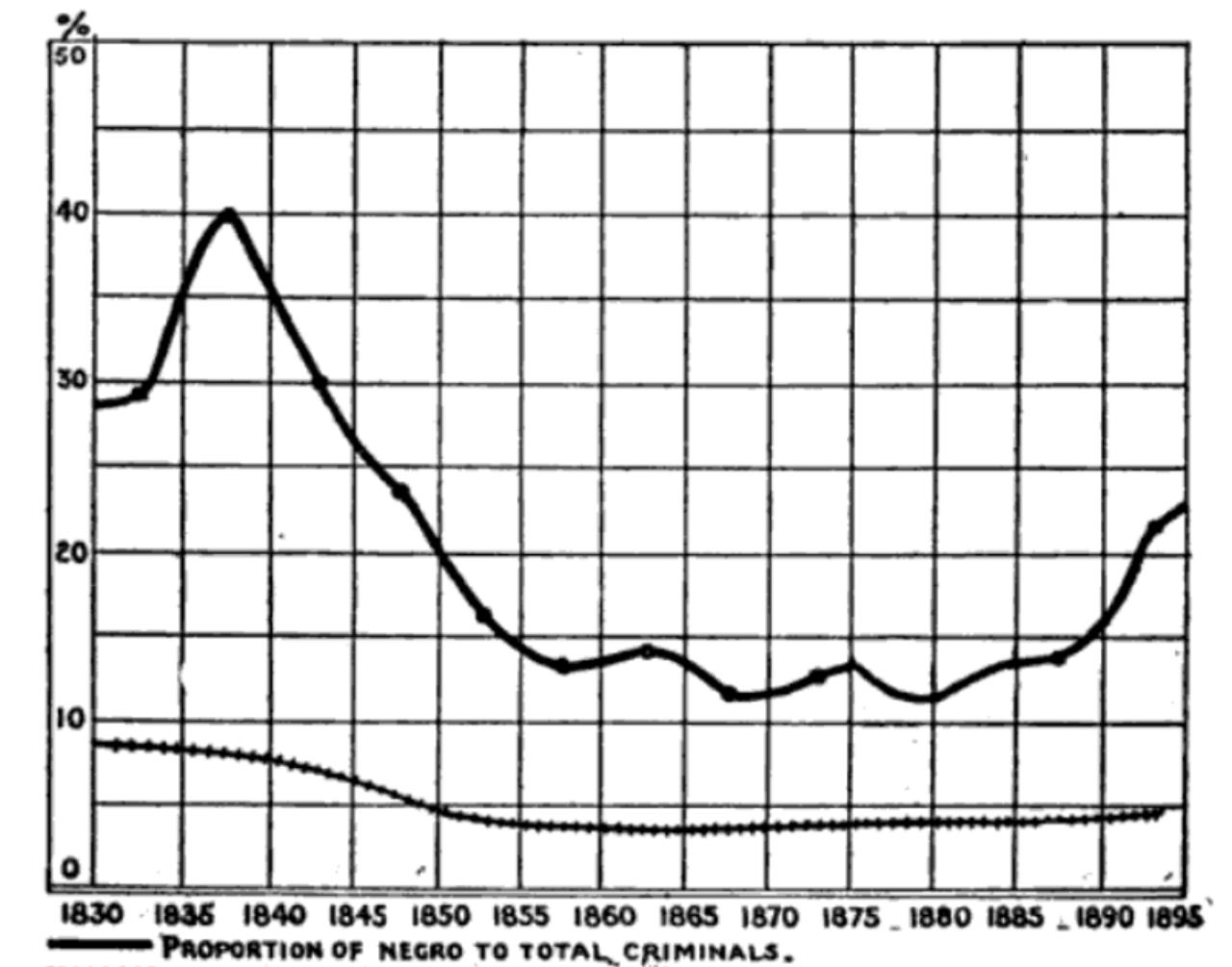
NEGROES* OF PHILADELPHIA BY SEX AND AGE, 1890.

| 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.



PROPORTION OF NEGROES TO TOTAL CONVICTS RECEIVED AT THE EASTERN PENITENTIARY, 1829-1895.



"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

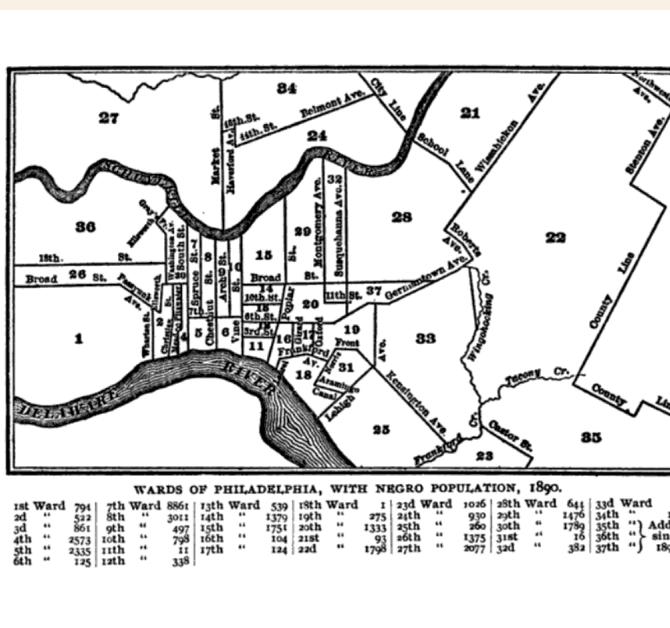


Exposition of the American Negro, Paris, 1900



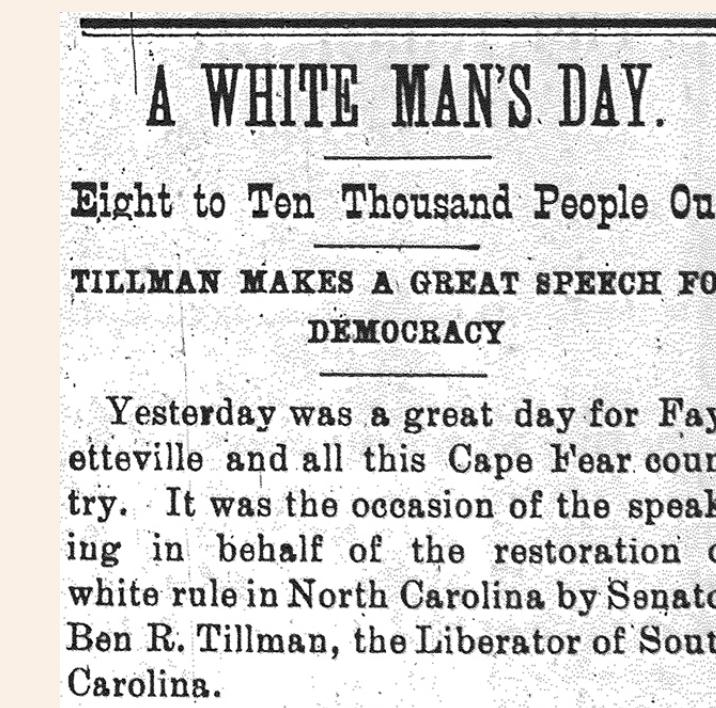
“Black America” Fair

1895



Phila. Negro begins

1897



Wilmington Overthrow

1898



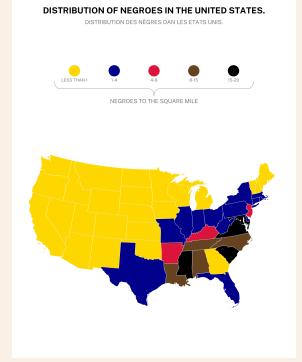
Lynchings Peak

1899

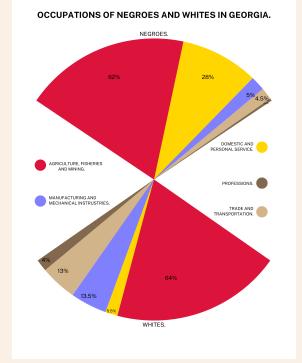


Paris Exposition

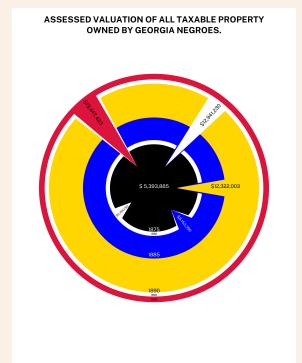
1900



We are here

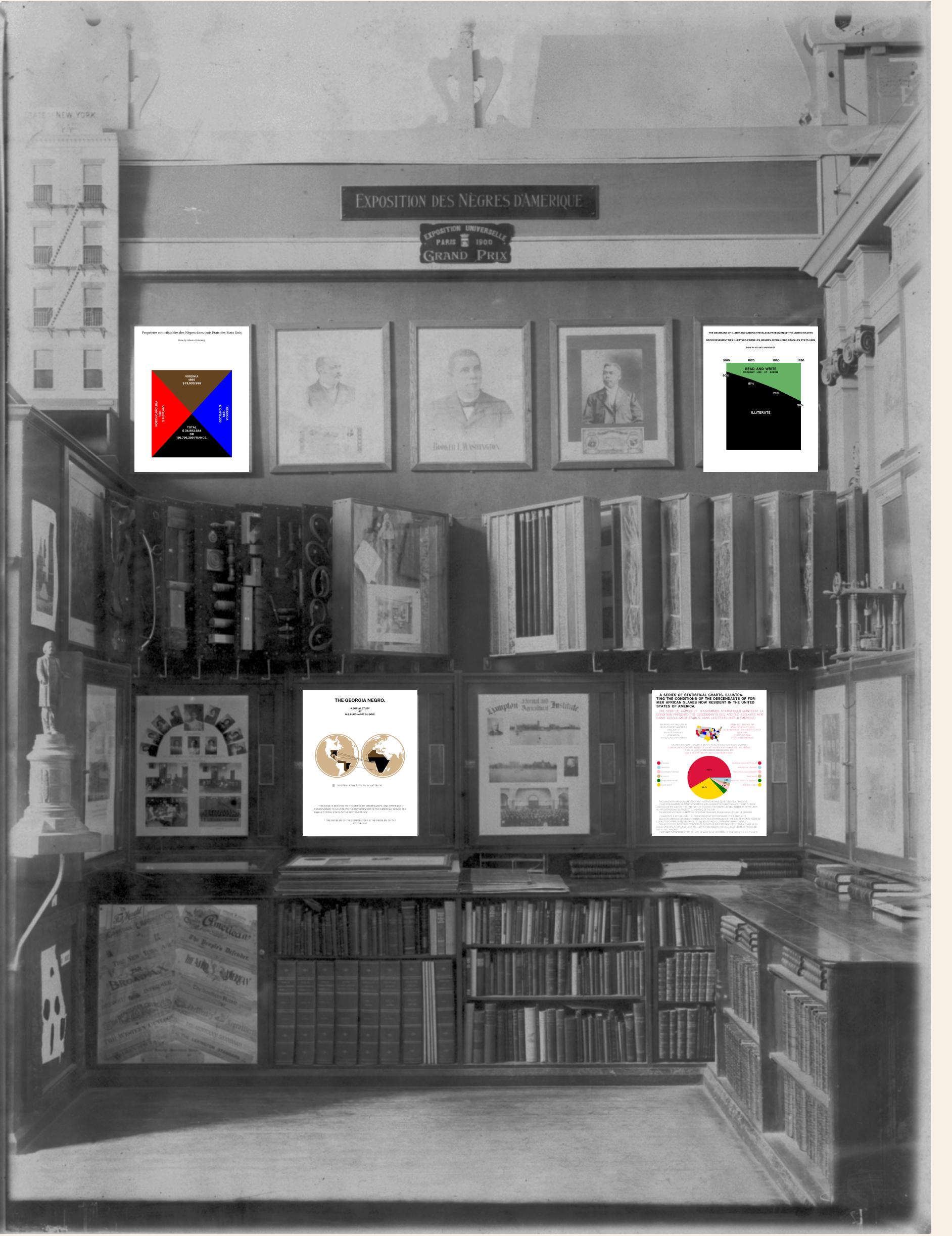


This is who we are



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.

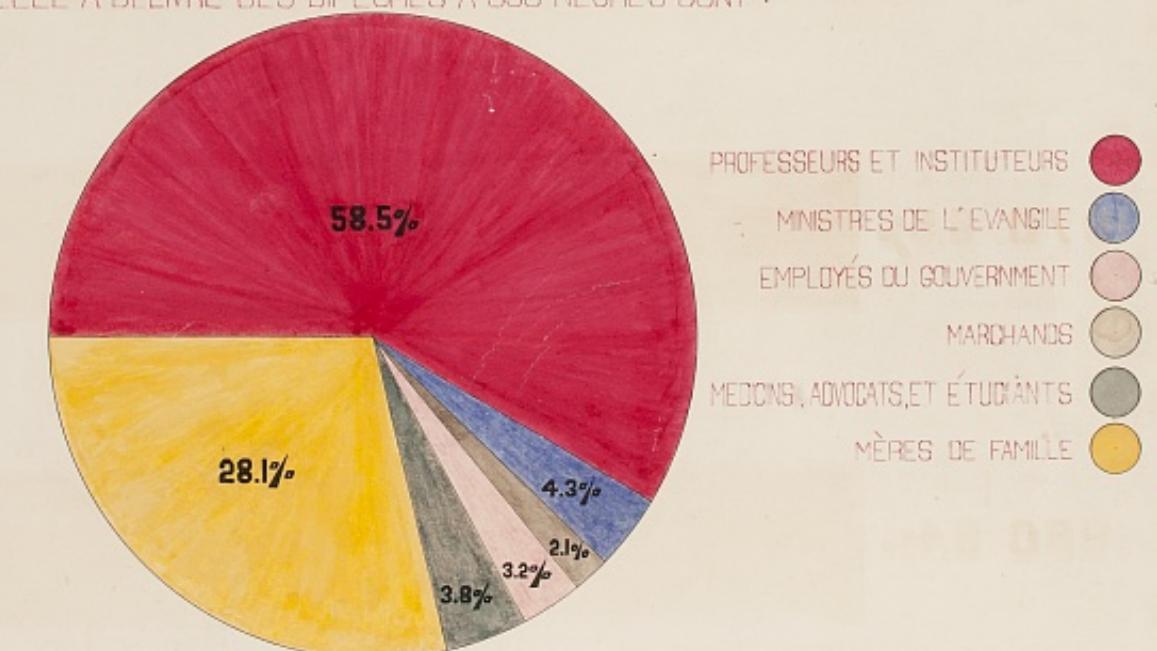
L'UNIVERSITÉ A ÉTÉ FONDÉE EN 1867. ELLE A DONNÉ L'INSTRUCTION À 6000 ÉTUDIANTS NÈGRES.

IT HAS GRADUATED 330 NEGROES AMONG WHOM ARE:

ELLE A DÉLIVRÉ DES DIPLÔMES À 330 NÈGRES DONT :

28"

- TEACHERS
- MINISTERS
- GOVERNMENT SERVICE
- BUSINESS
- OTHER PROFESSIONS
- HOUSE WIVES



- PROFESSEURS ET INSTITUTEURS
- MINISTRES DE L'EVANGILE
- EMPLOYÉS DU GOUVERNEMENT
- MARCHANDS
- MEDECINS, AVOCATS, ET ÉTUDIANTS
- MÈRES DE FAMILLE

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.

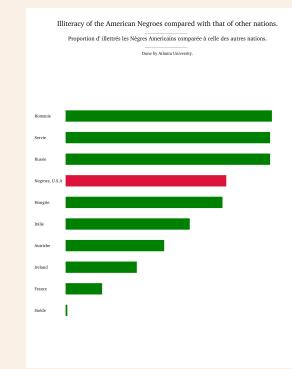
THE PROPER ACCOMPLISHMENT OF THIS WORK DEMANDS AN ENDOWMENT FUND OF \$500,000.

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 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
DOUES UNE ÉDUCATION DANS LES ARTS LIBÉRAUX EN ACCORD AVEC LES IDÉES LES PLUS PROGRES-
SISTES DE L'ÉPOQUE.

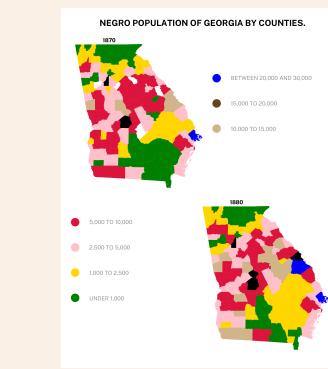
L'ACCOMPLISSEMENT DE CETTE ŒUVRE DEMANDE UNE DOTATION DE \$500,000 (2,500,000 FRANCS).

Taxonomy



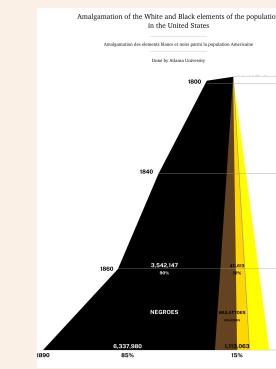
Bars

52.63%



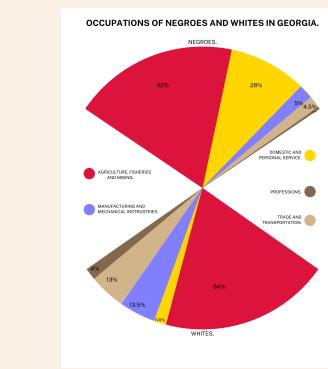
Maps

15.79%



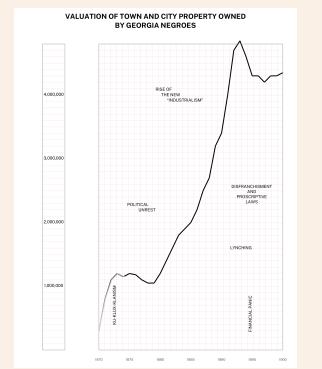
Blocks

14.04%



Circles

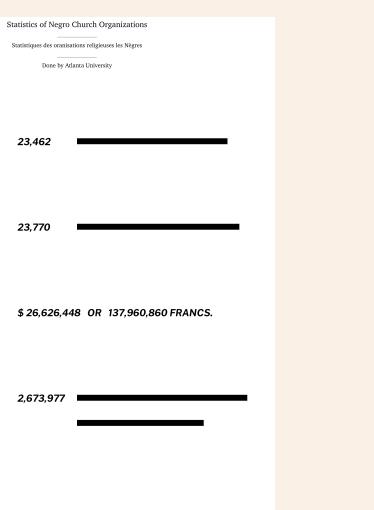
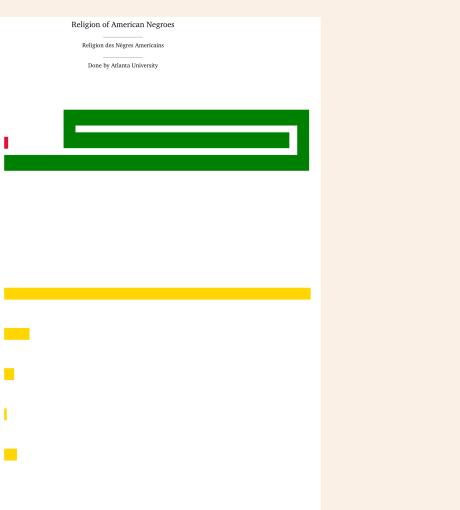
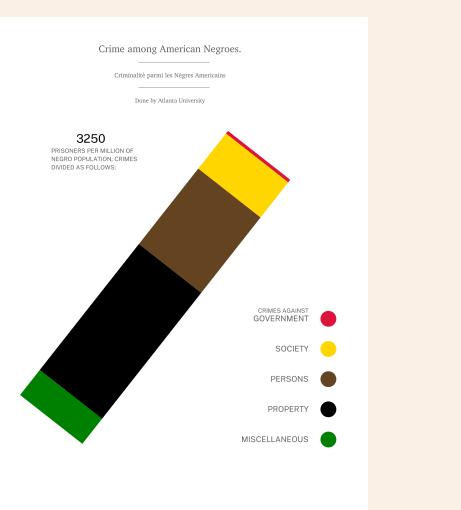
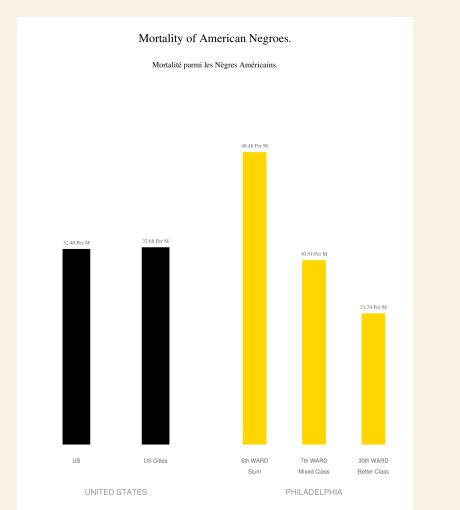
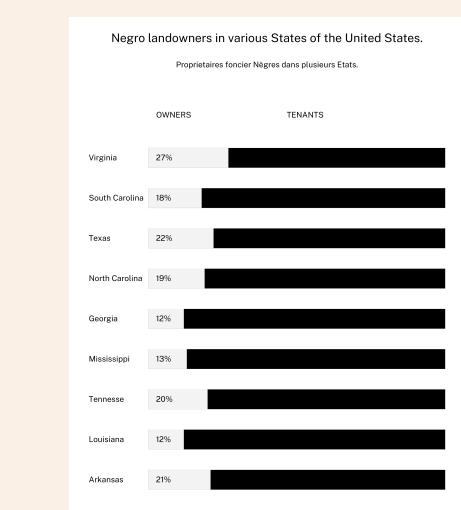
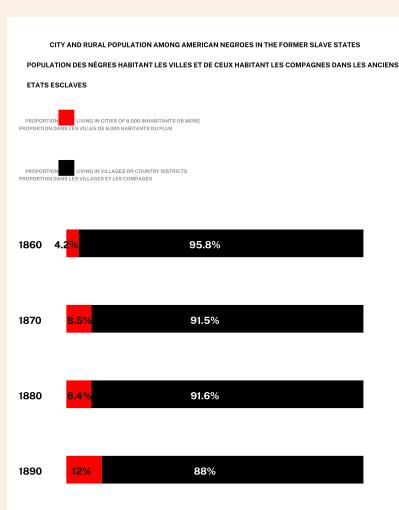
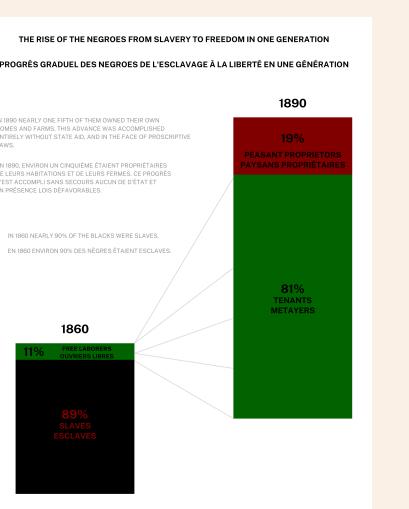
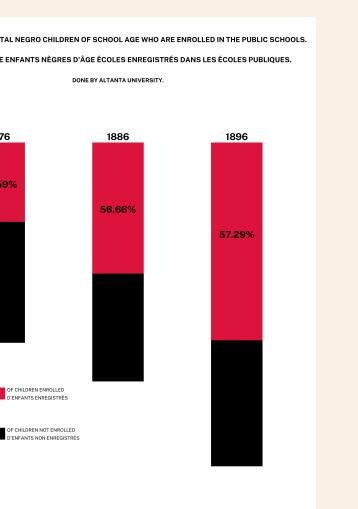
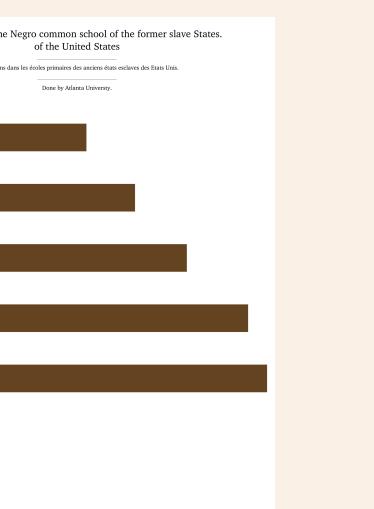
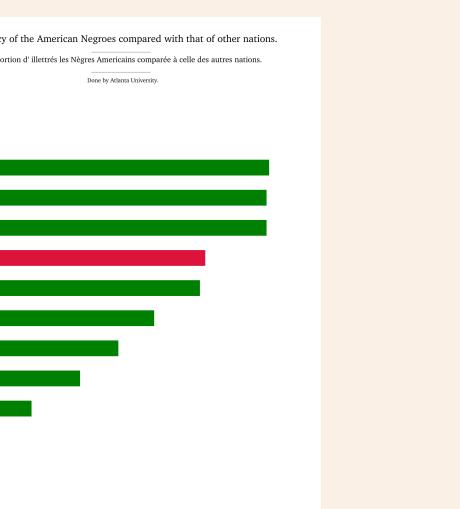
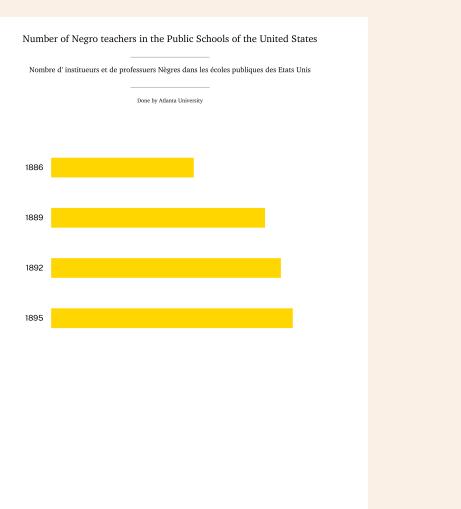
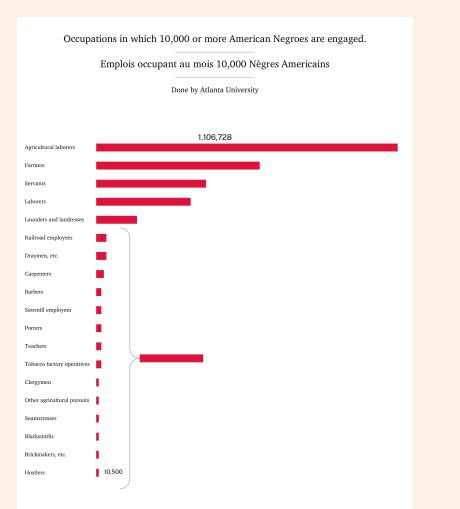
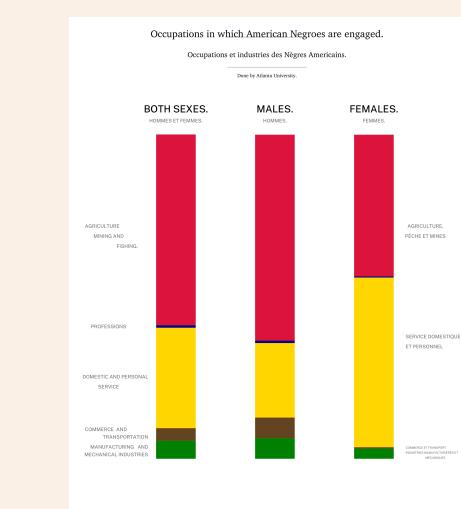
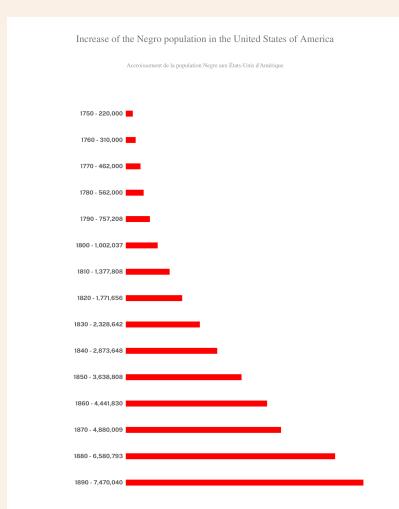
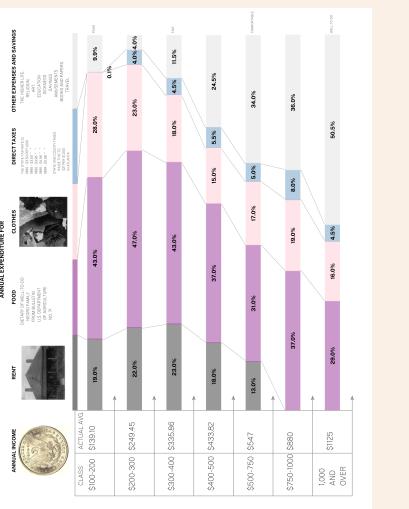
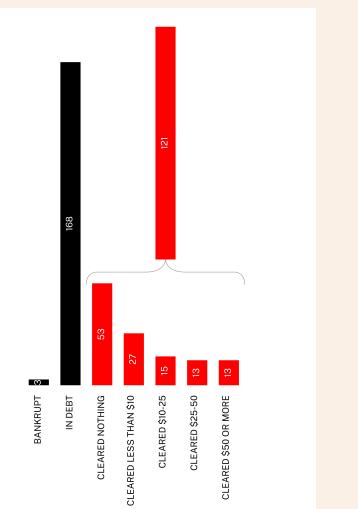
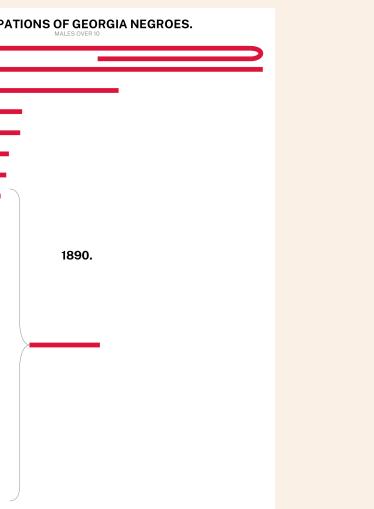
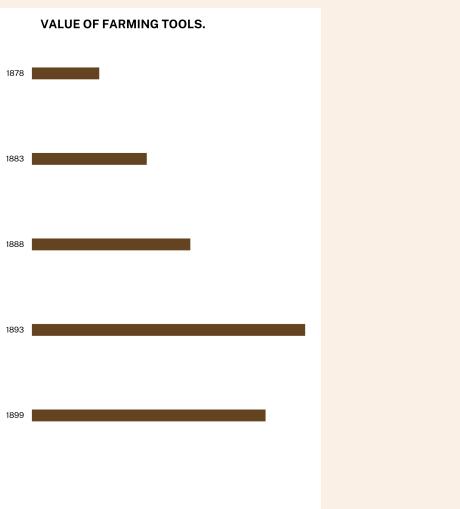
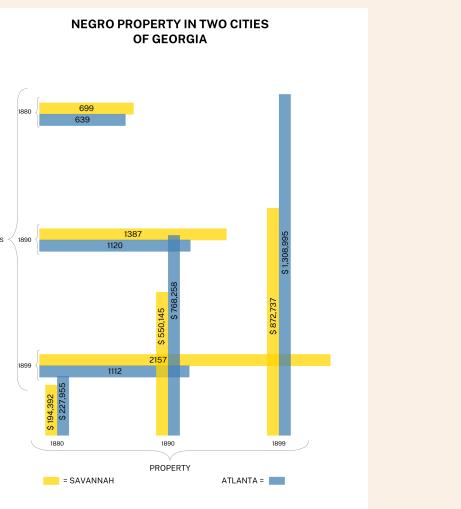
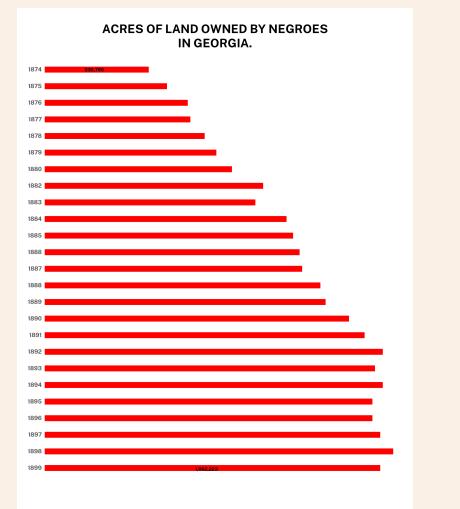
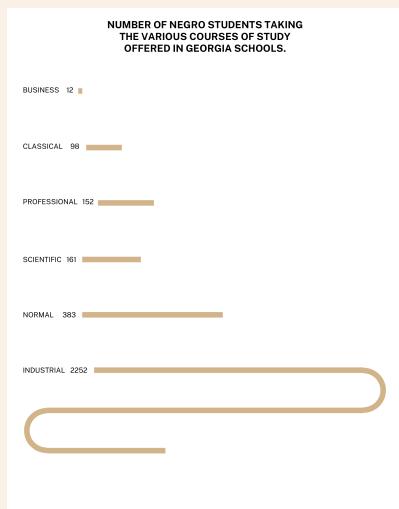
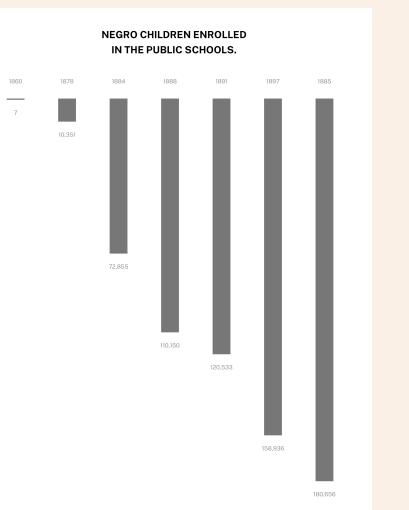
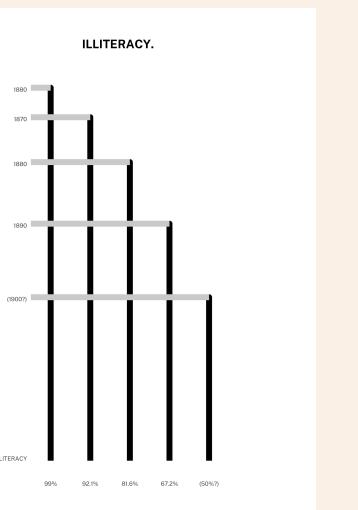
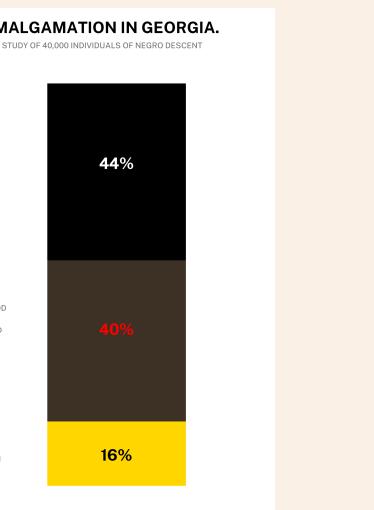
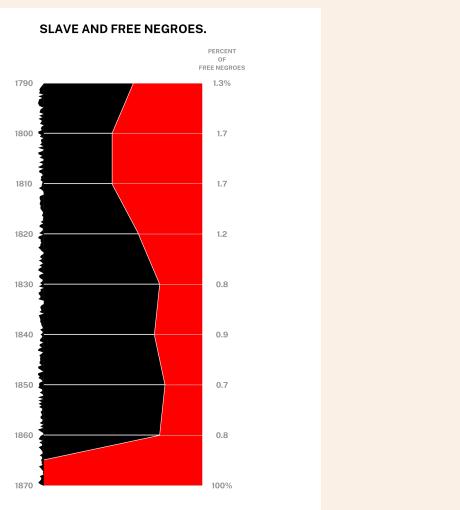
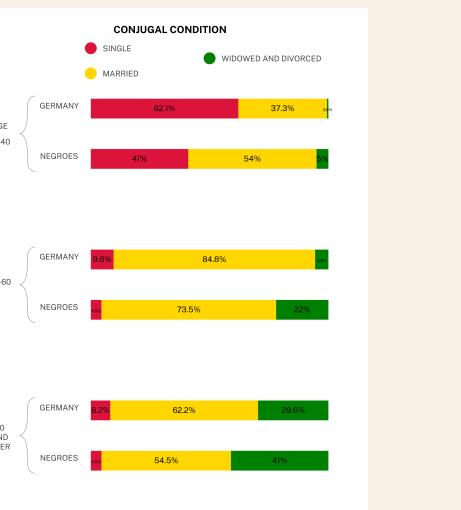
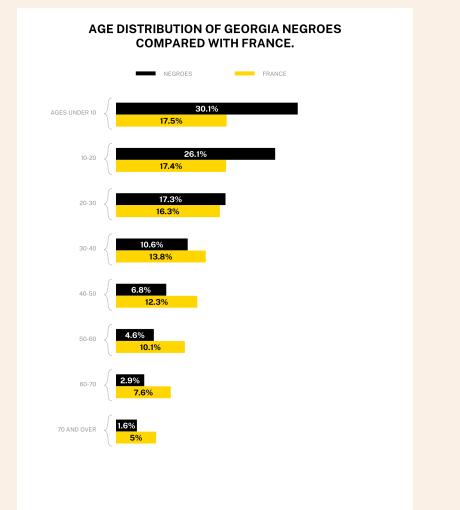
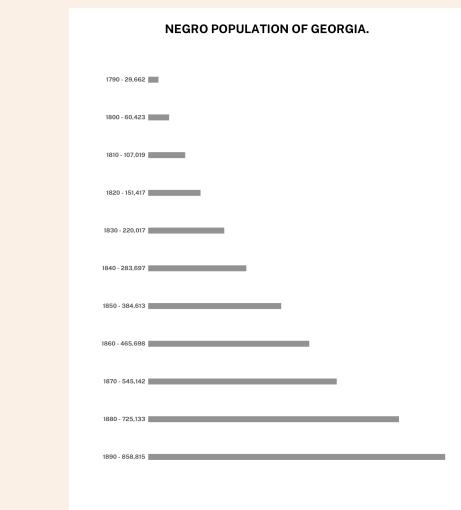
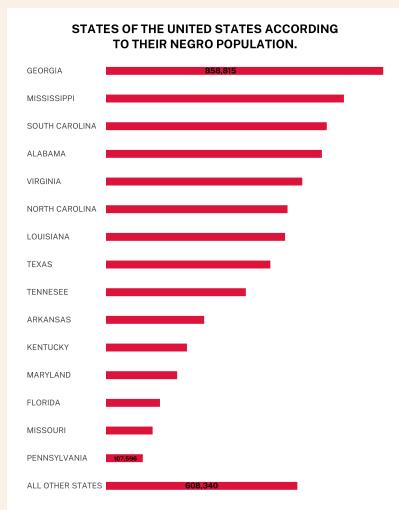
12.28%



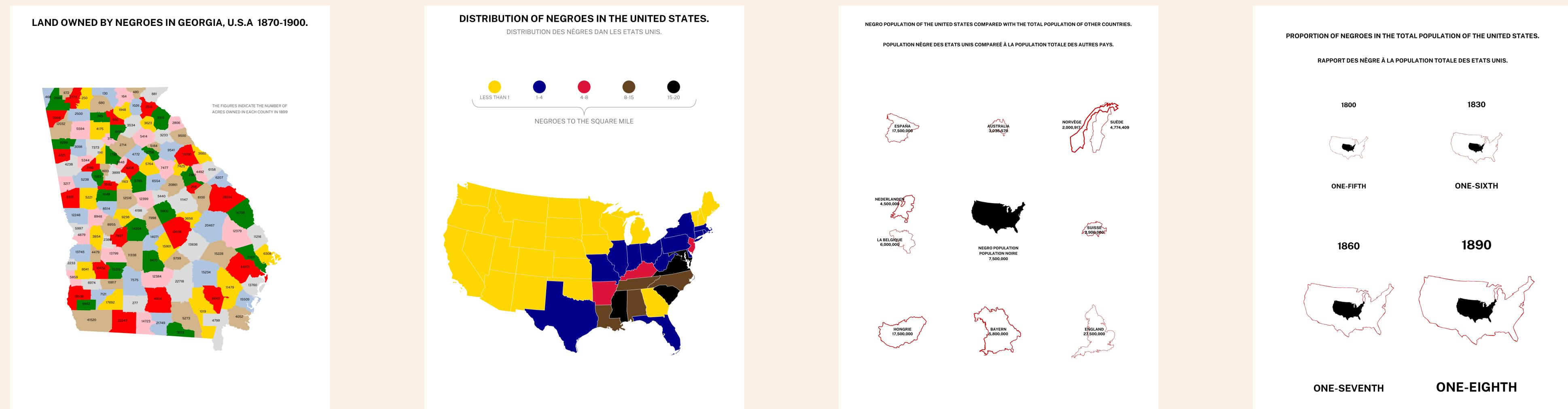
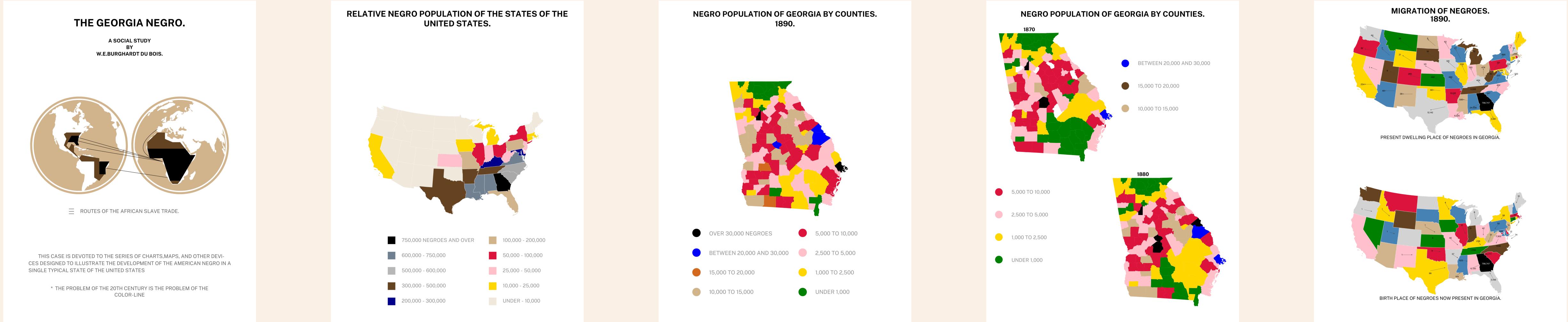
Graphs

5.26%

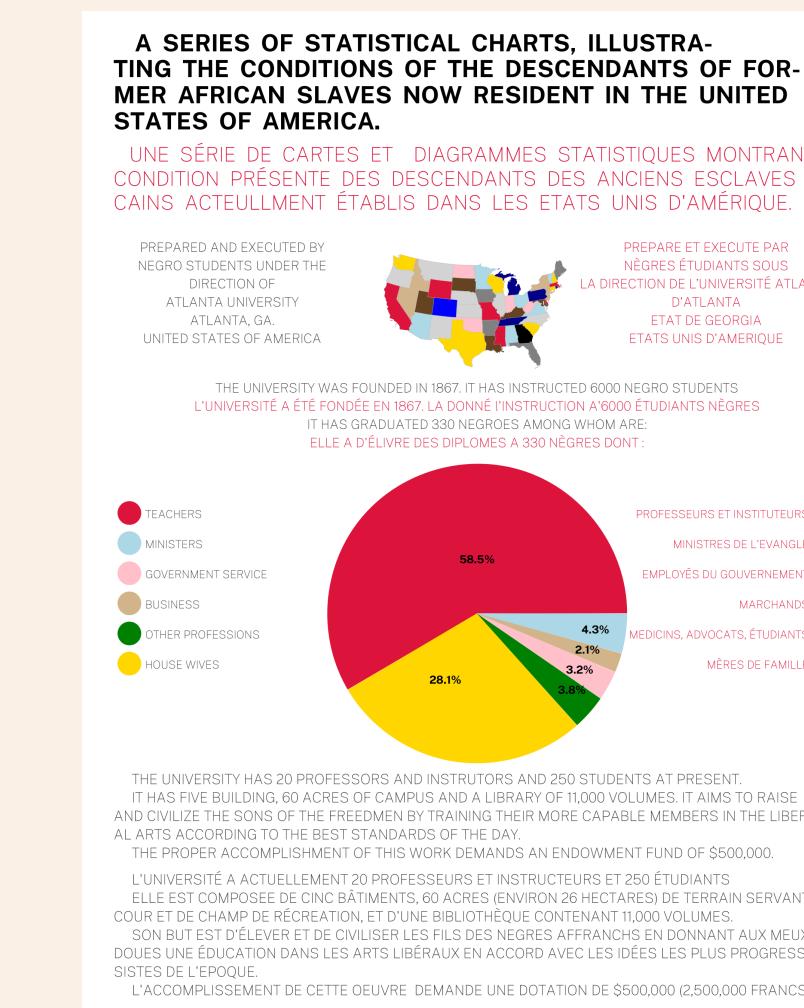
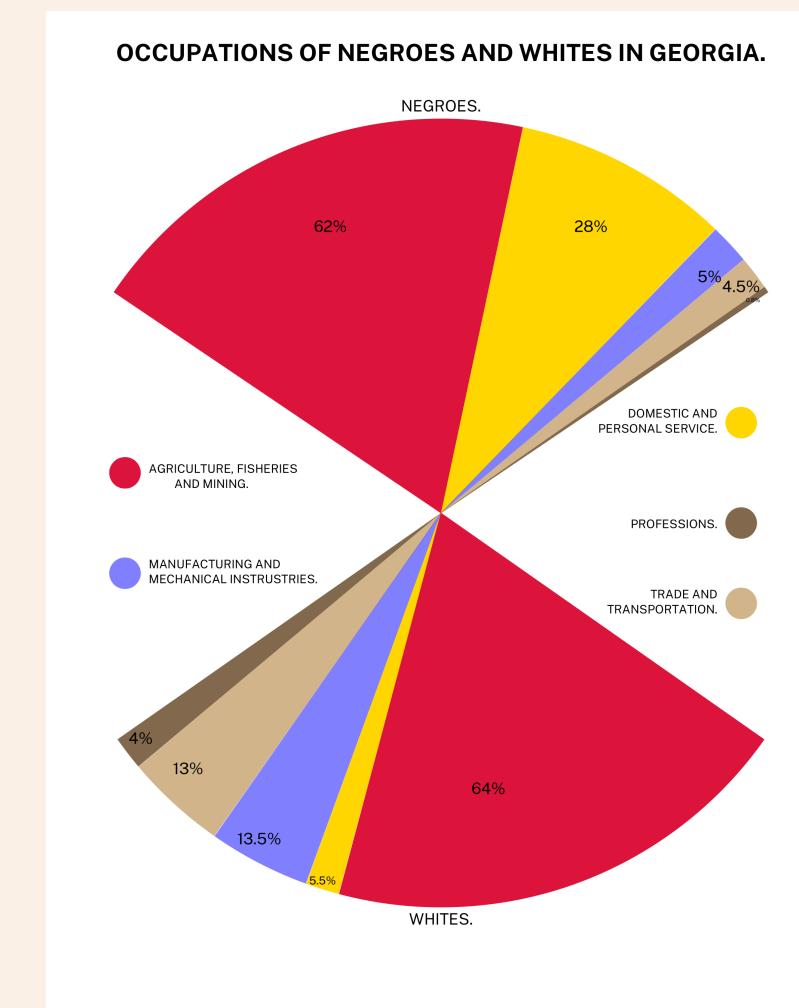
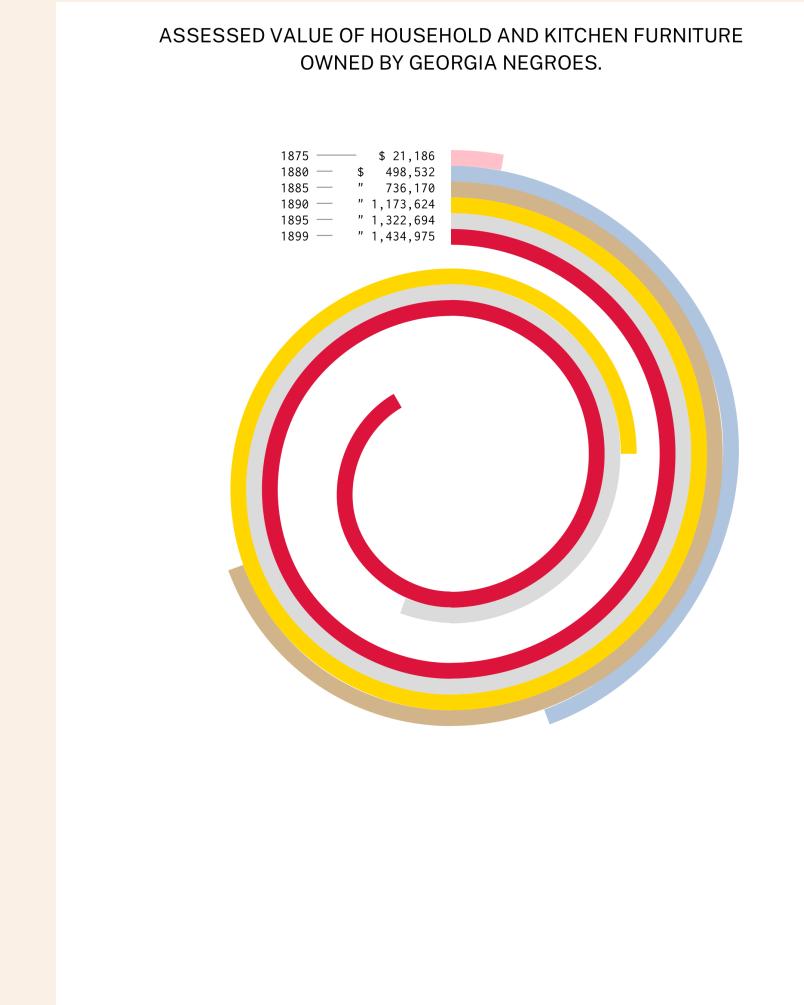
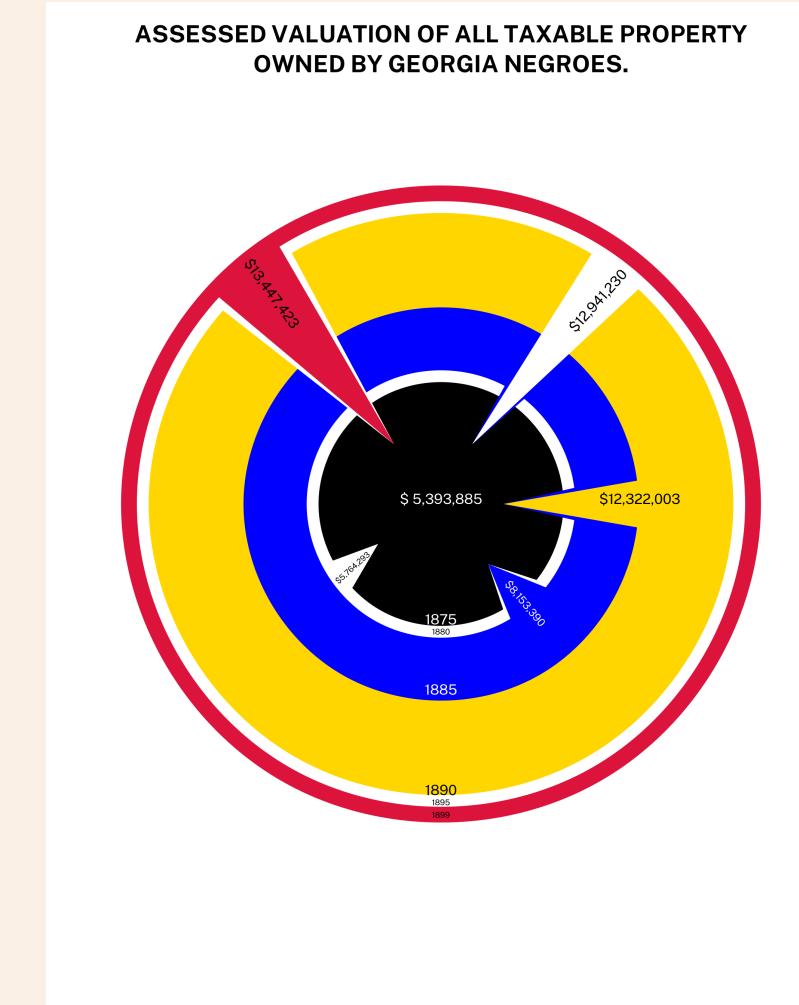
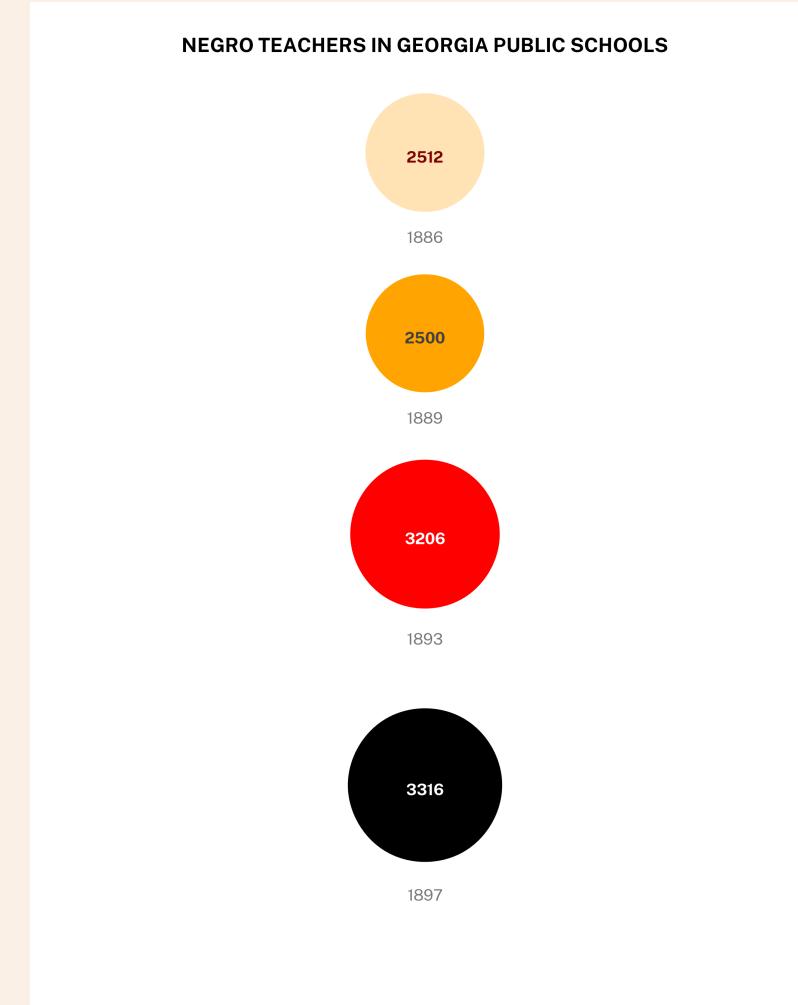
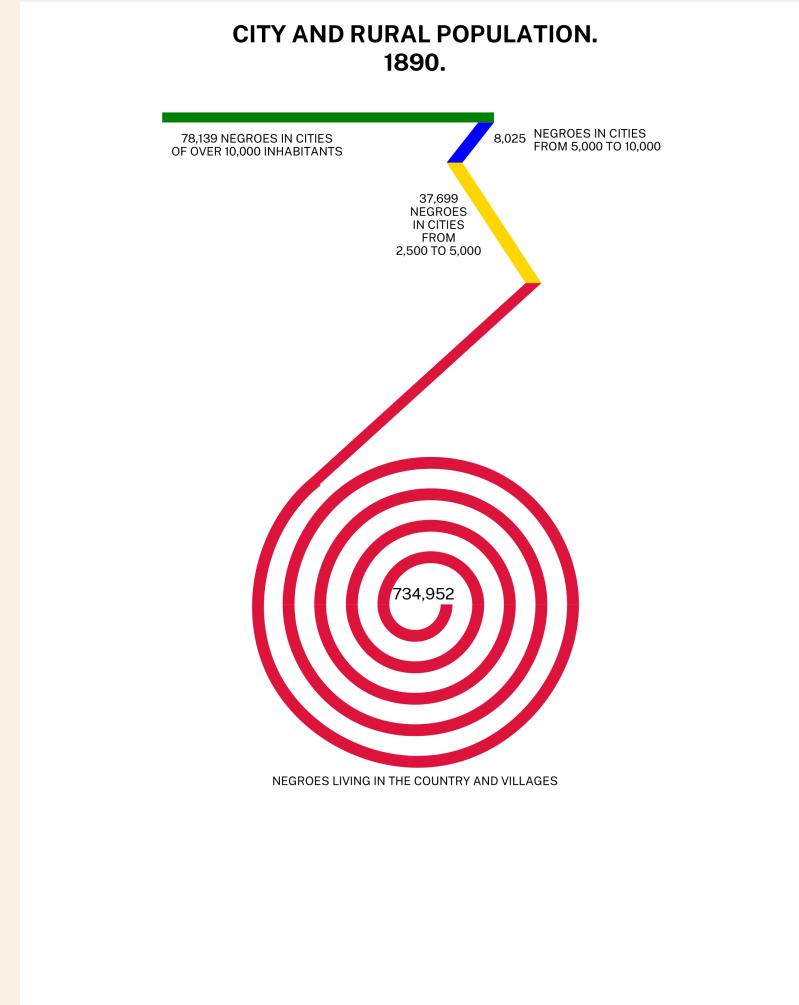
Bars



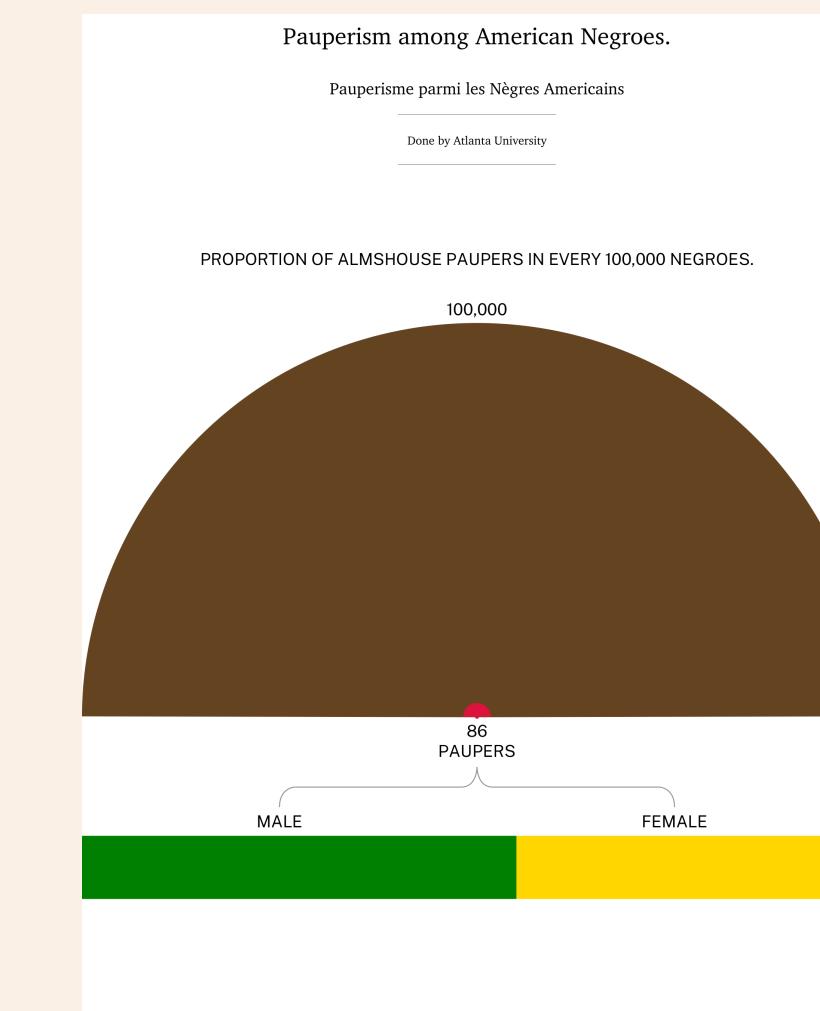
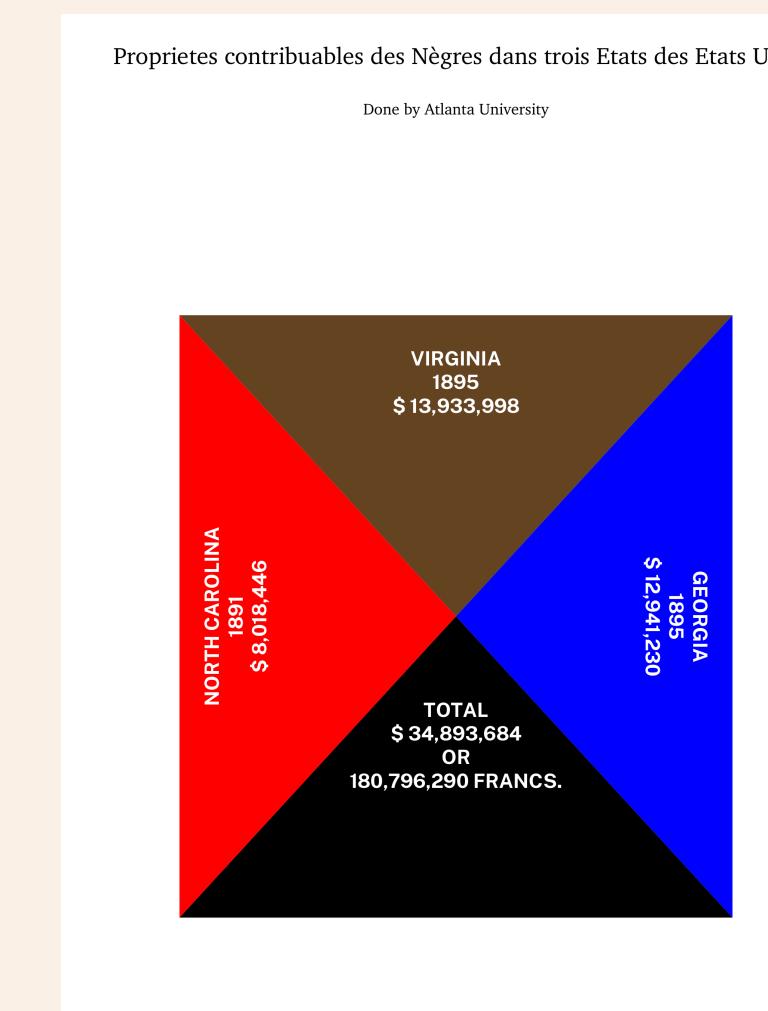
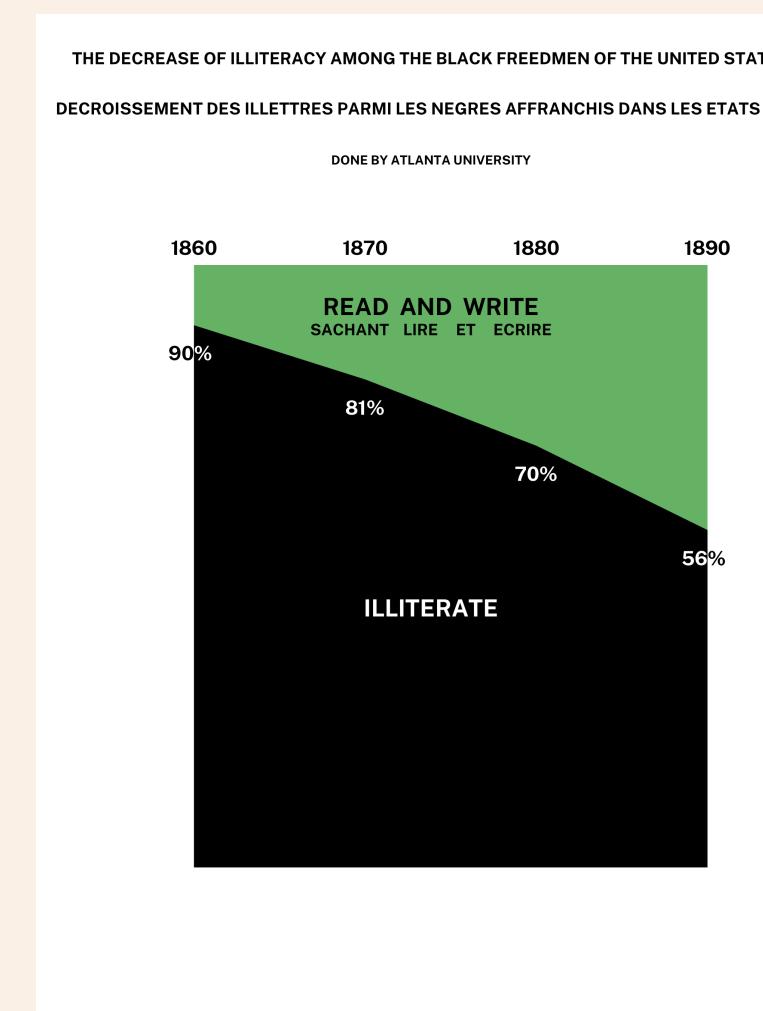
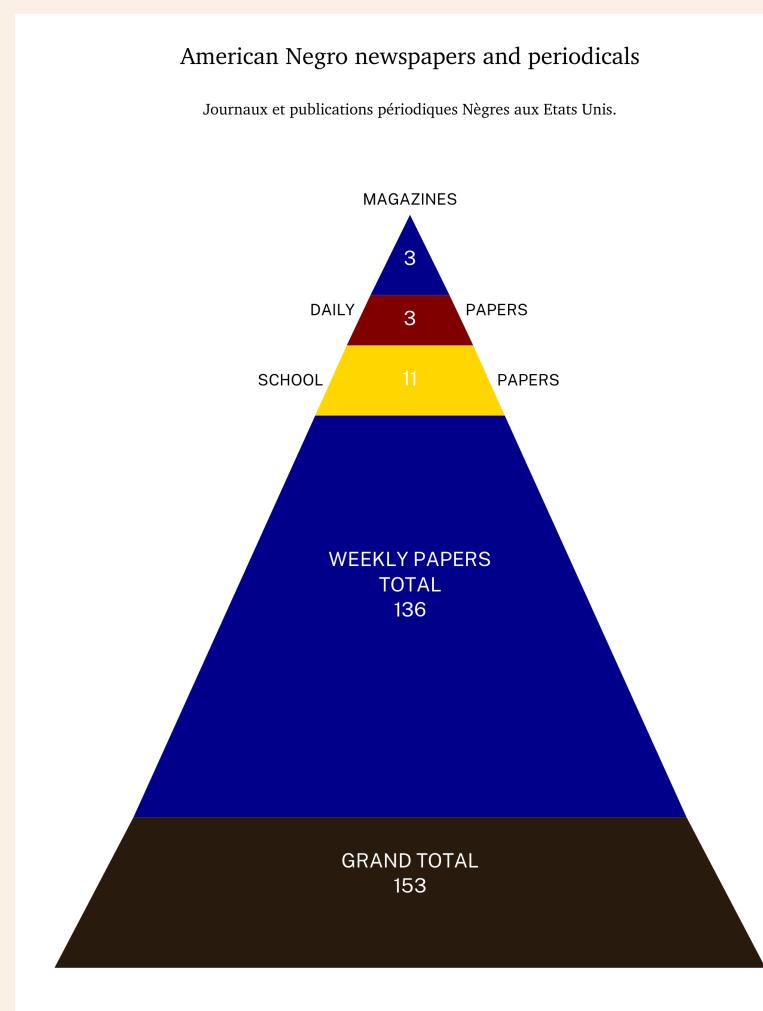
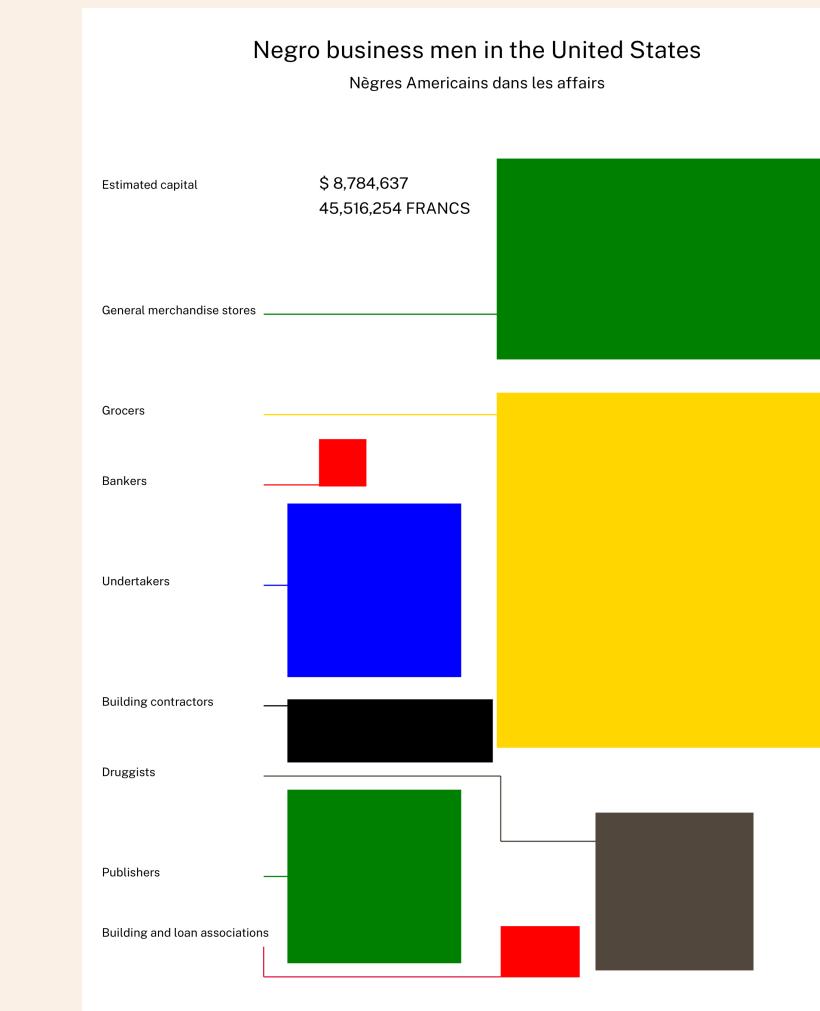
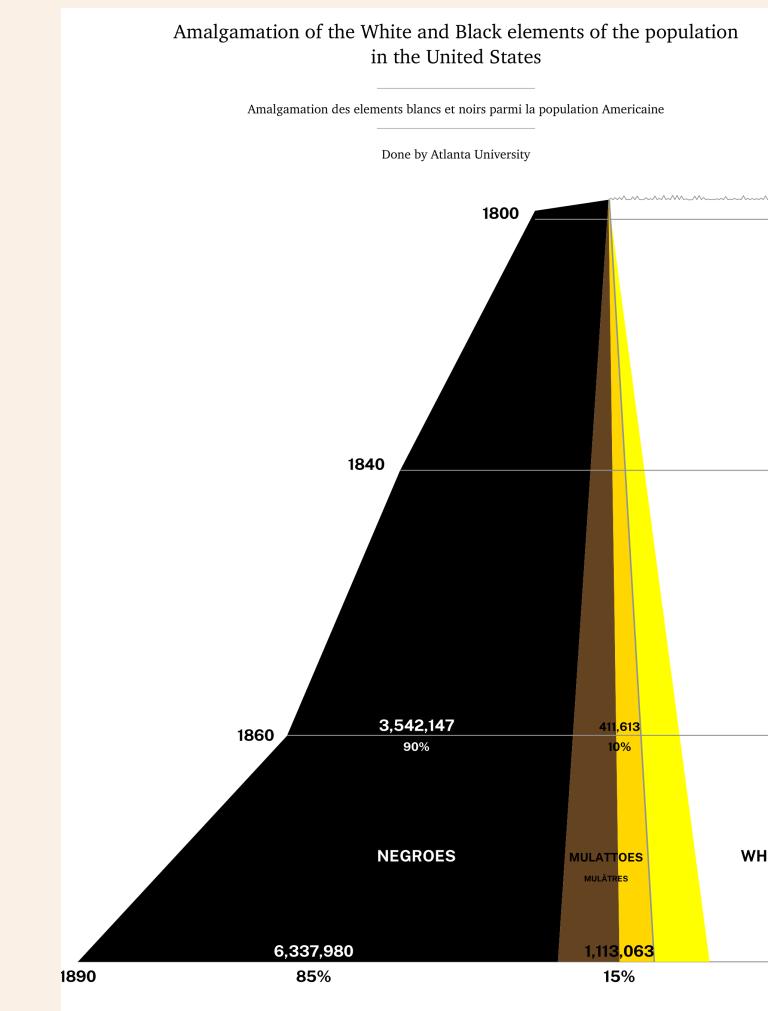
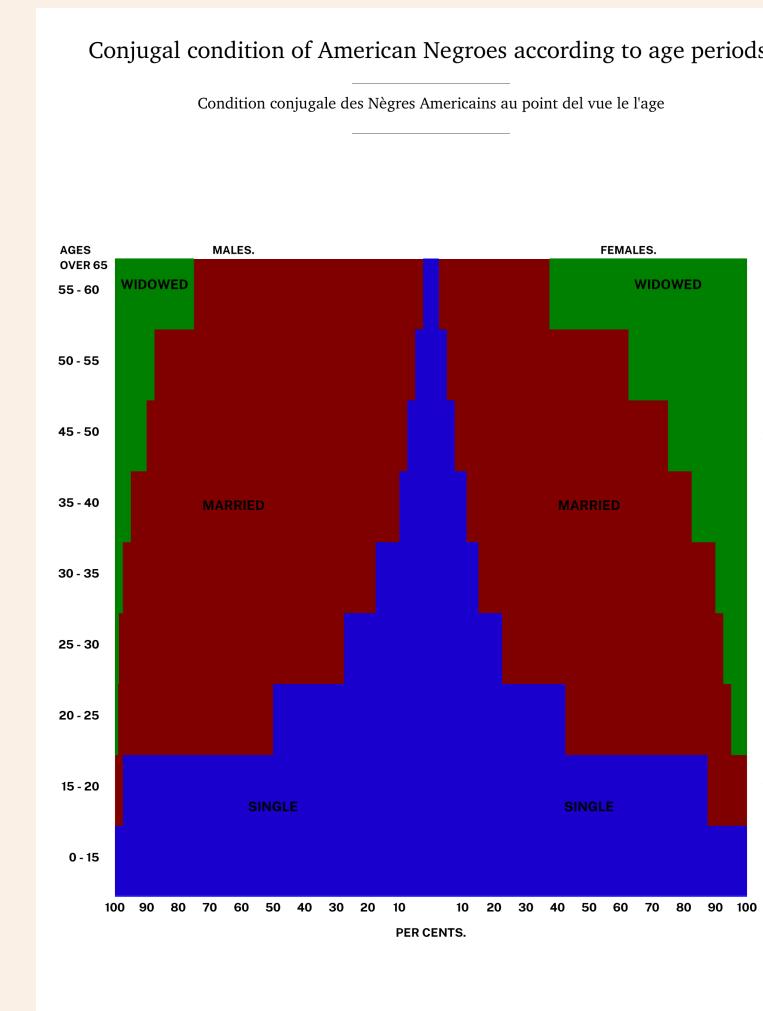
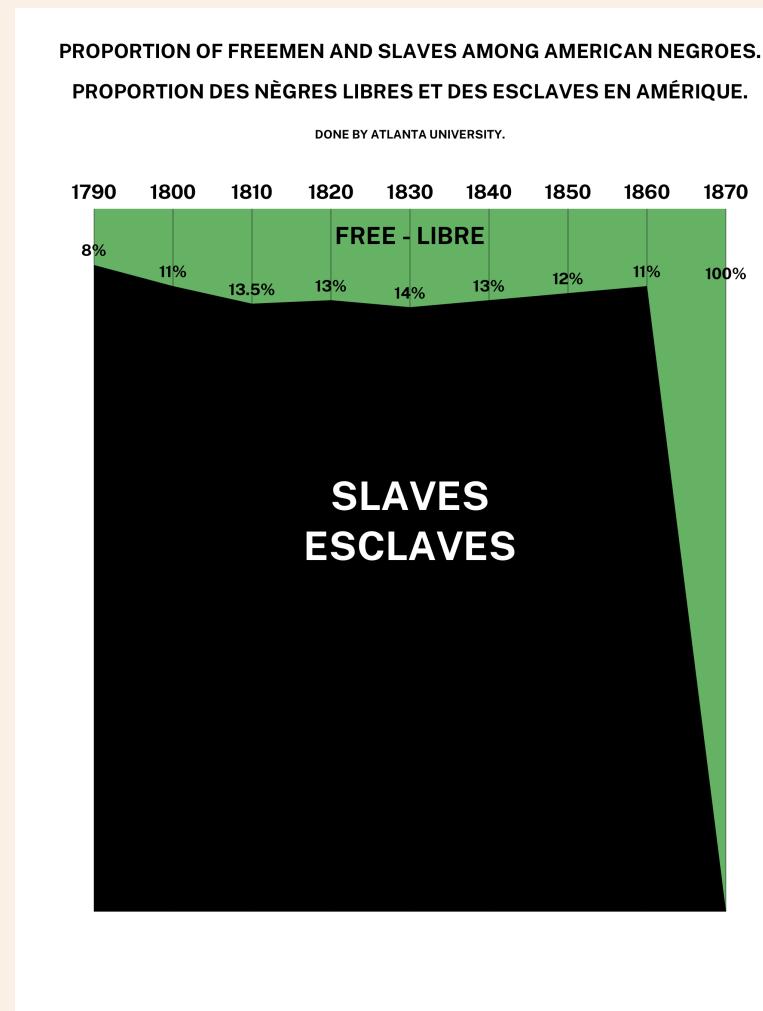
Maps



Circles

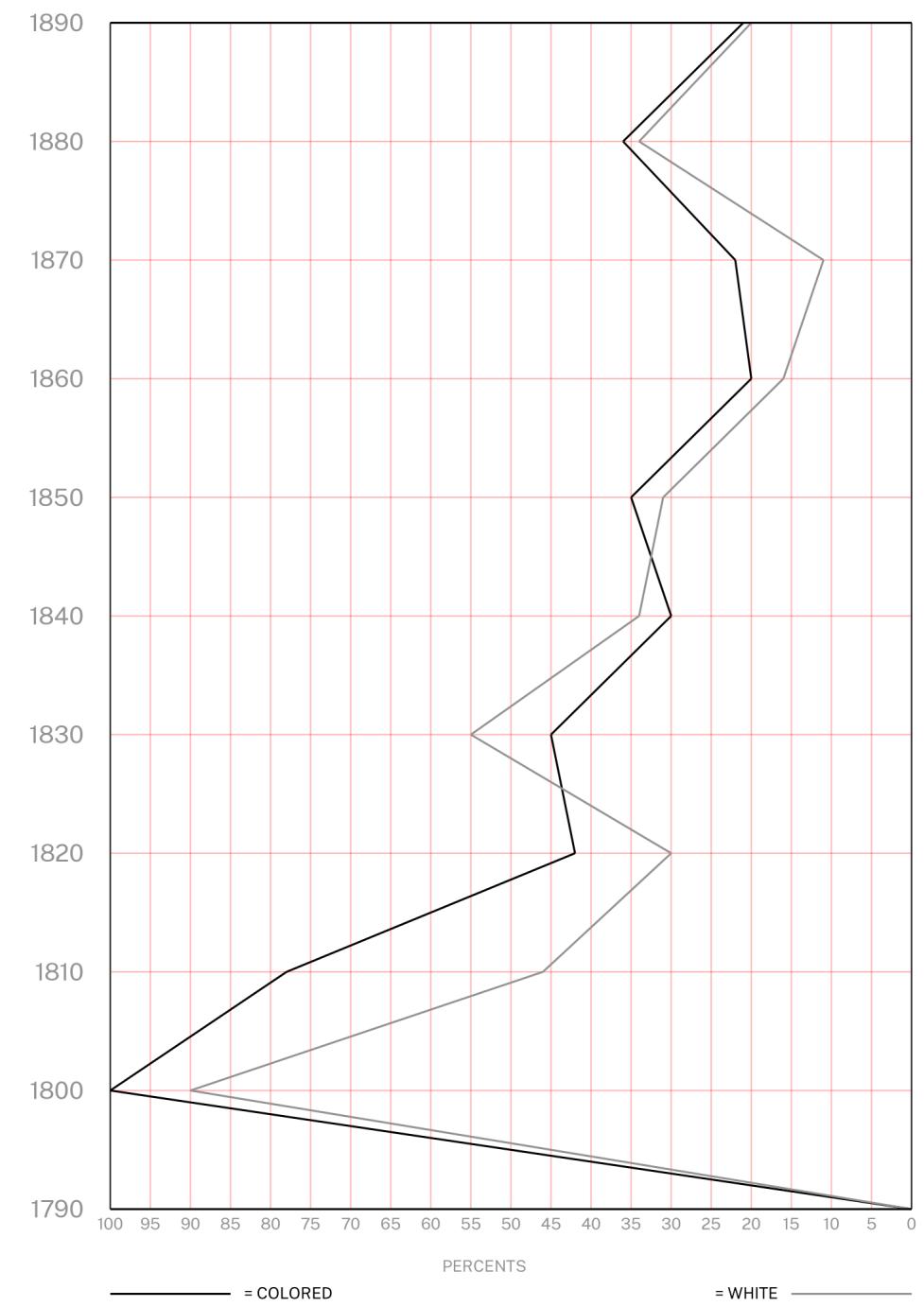


Blocks

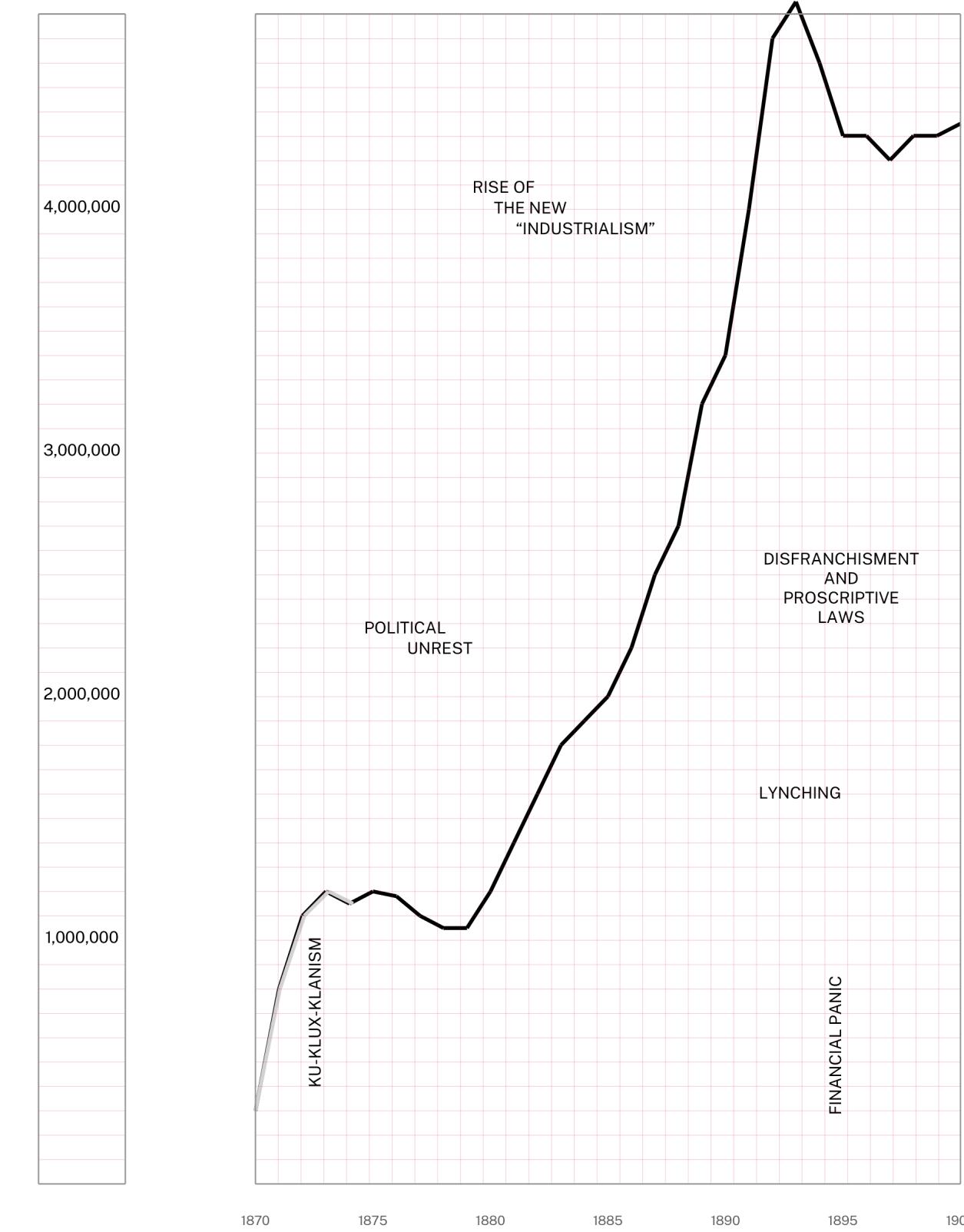


Graphs

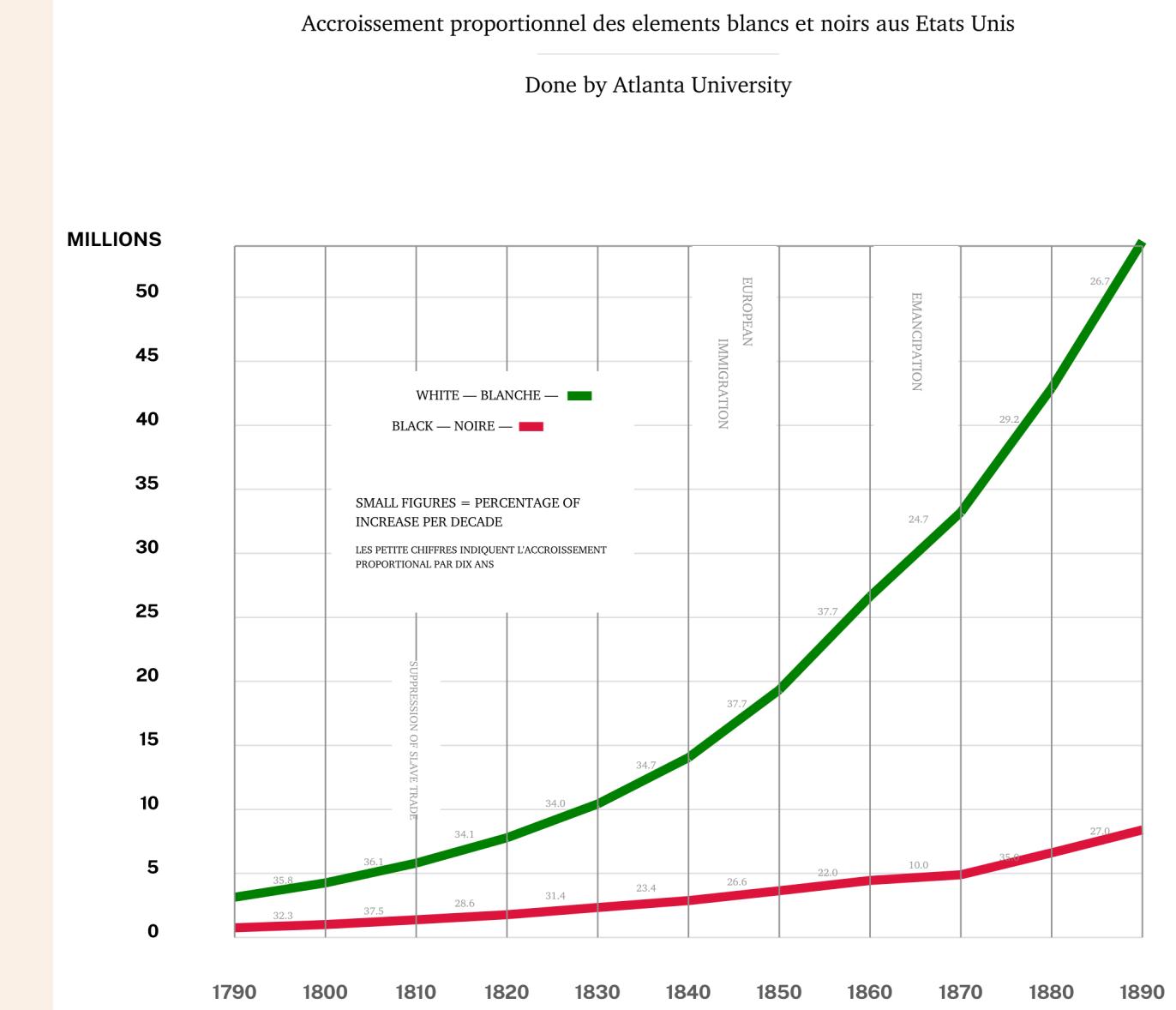
COMPARATIVE INCREASE OF WHITE AND COLORED POPULATION OF GEORGIA.



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



Color Palette

black



#000000

brown



#654321

tan



#d2b48c

gold



#ffd700

pink



#ffc0cb

red



#dc143c

green



#00aa00

blue



#4682b4

Typography

Public Sans

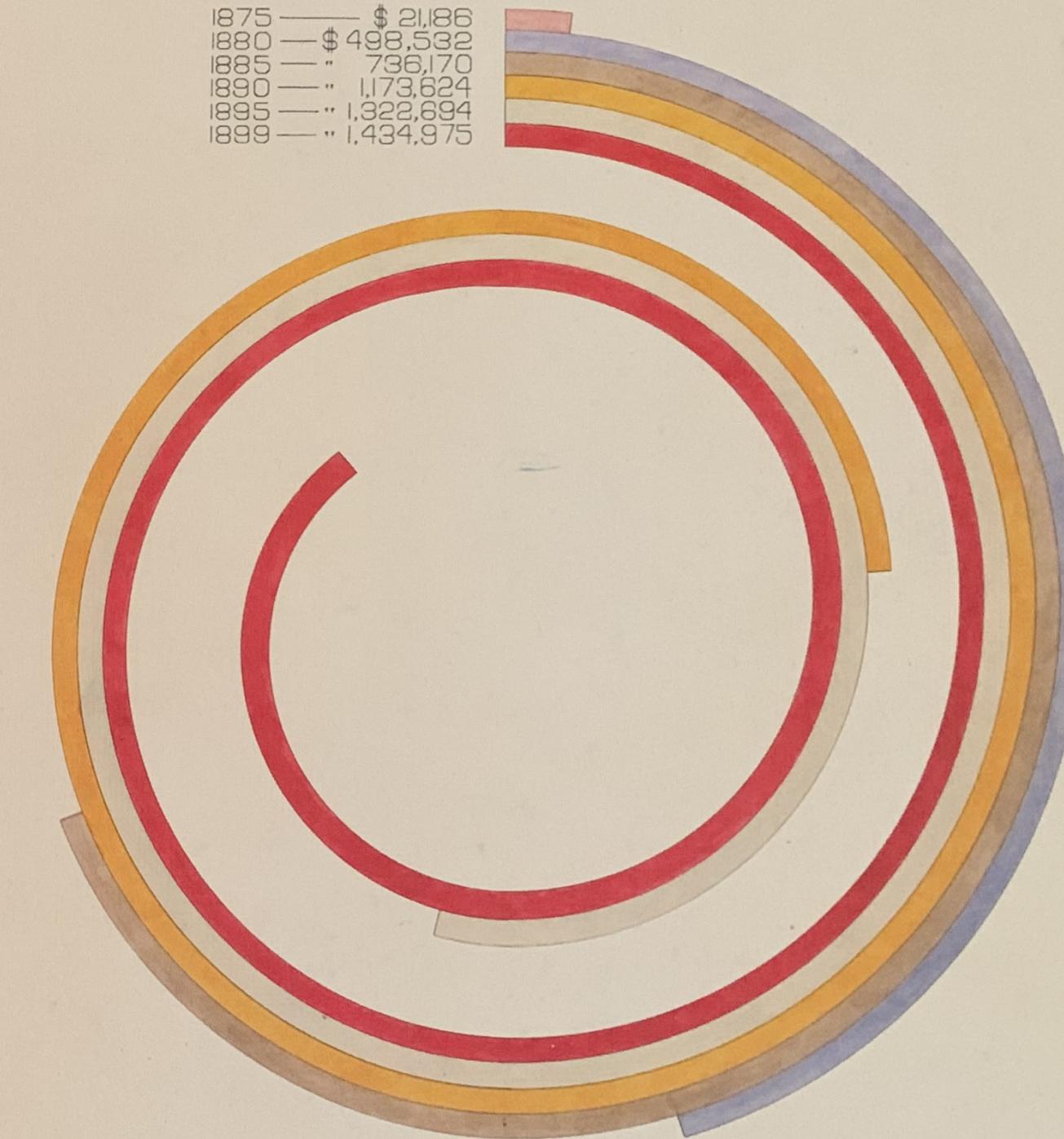
Charter

WILLIAM

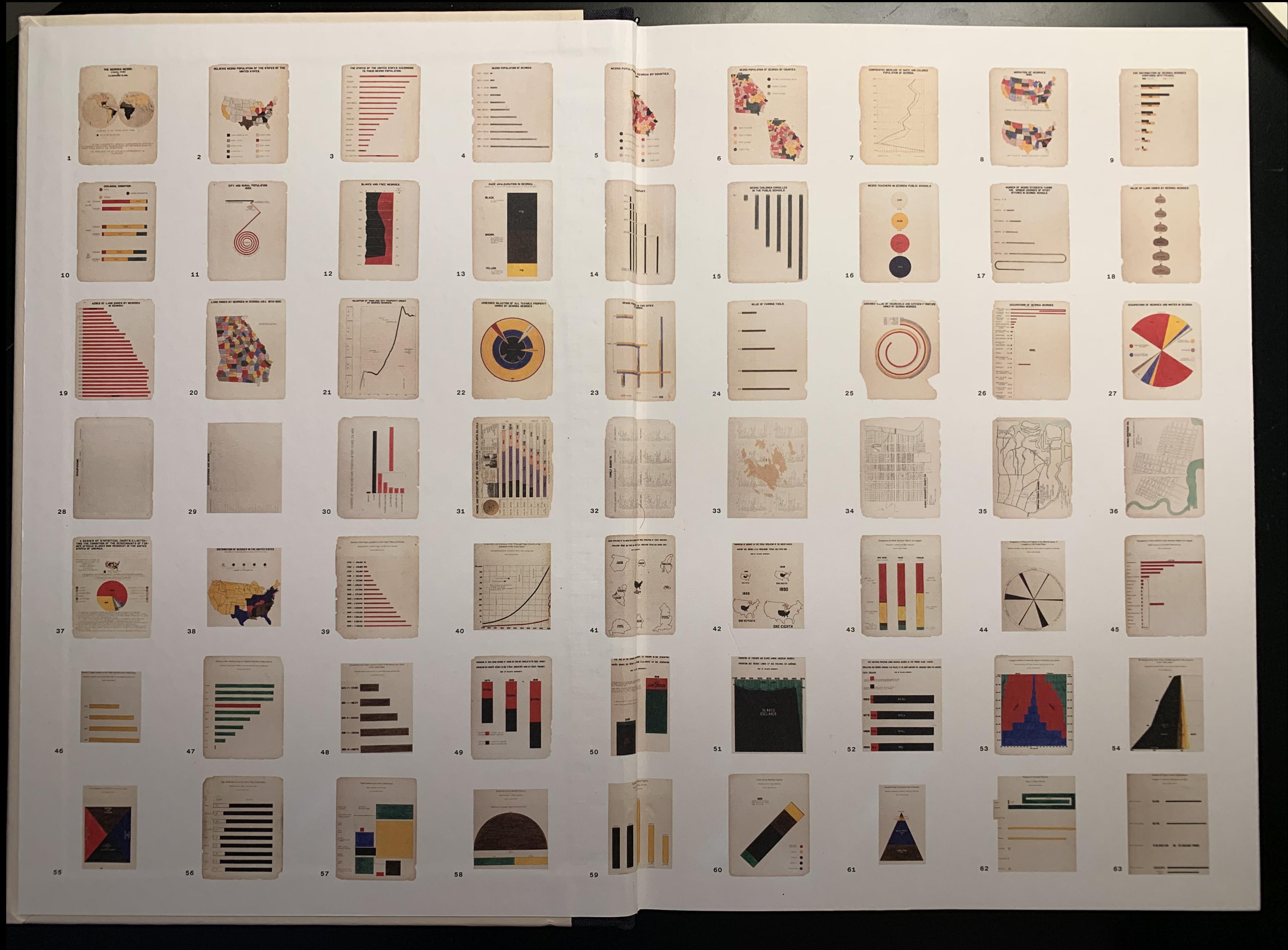
W. E. B. Du Bois's Data Portraits
Visualizing Black America

THE COLOR LINE AT THE TURN OF THE TWENTIETH CENTURY

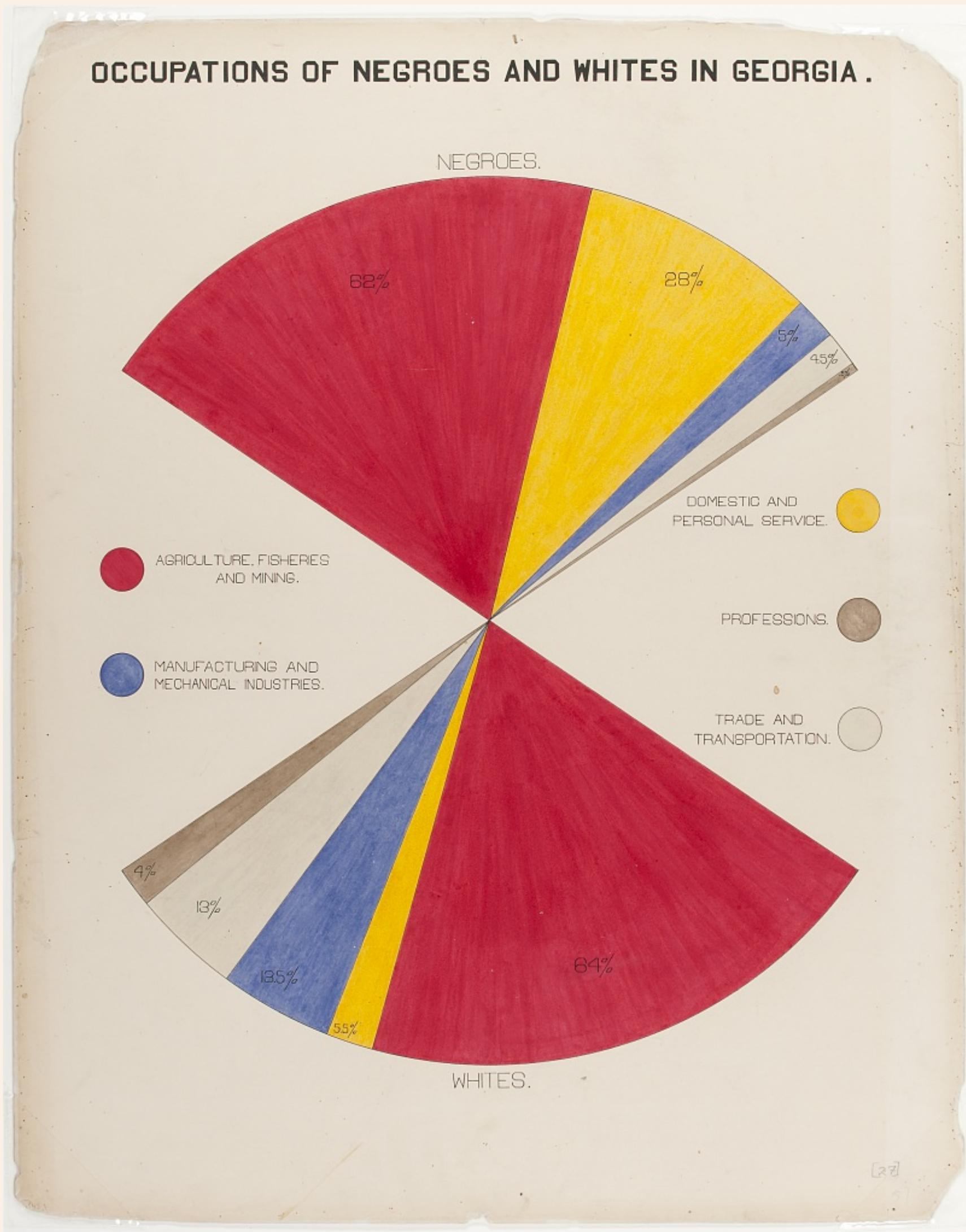
1875 — \$ 21,86
1880 — \$ 498,582
1885 — " 786,170
1890 — " 1,173,624
1895 — " 1,322,894
1899 — " 1,434,975



WHITNEY BATTLE-BAPTISTE and BRITT RUSERT, editors

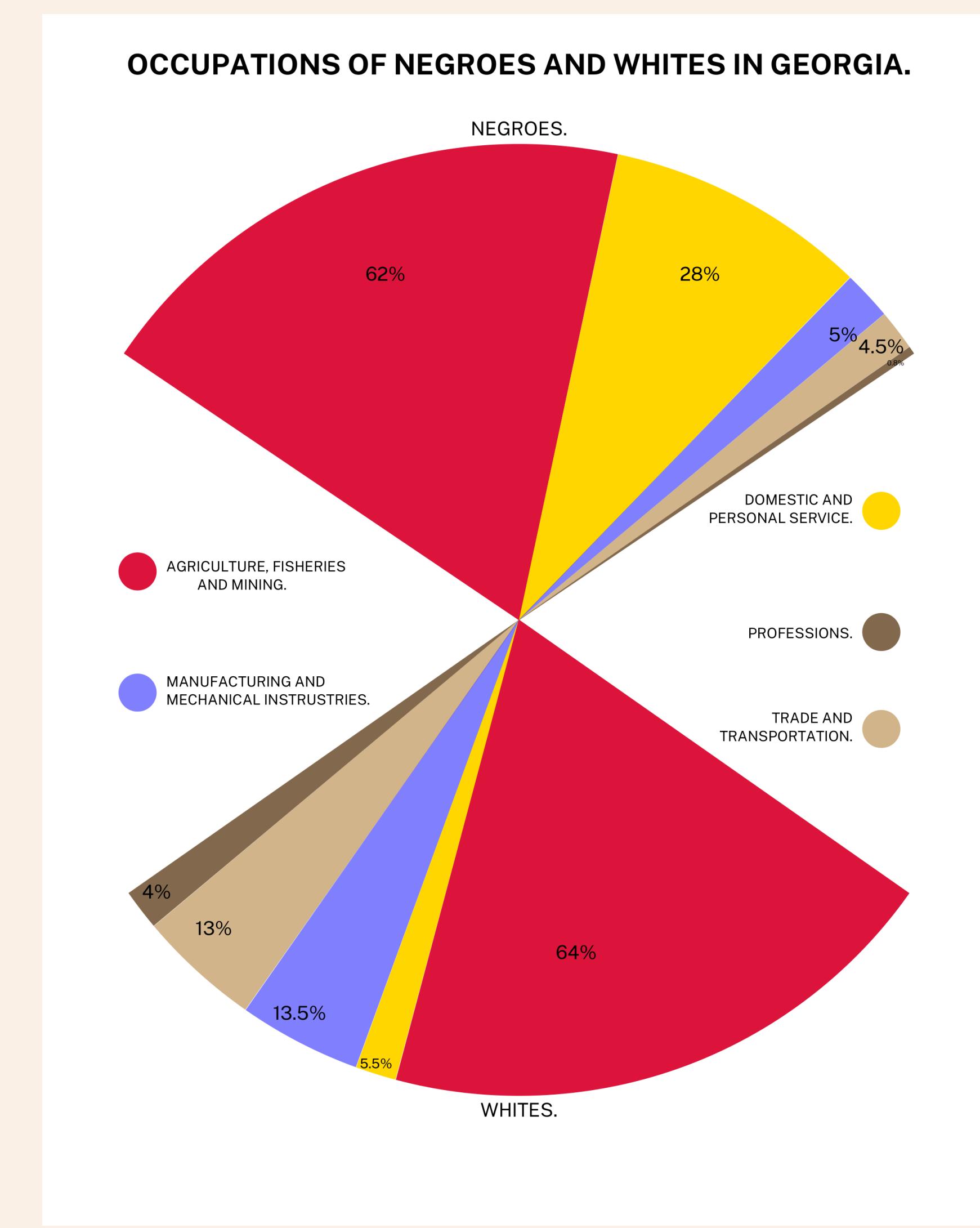


Pen, Ink, Watercolor, Paper, Expos

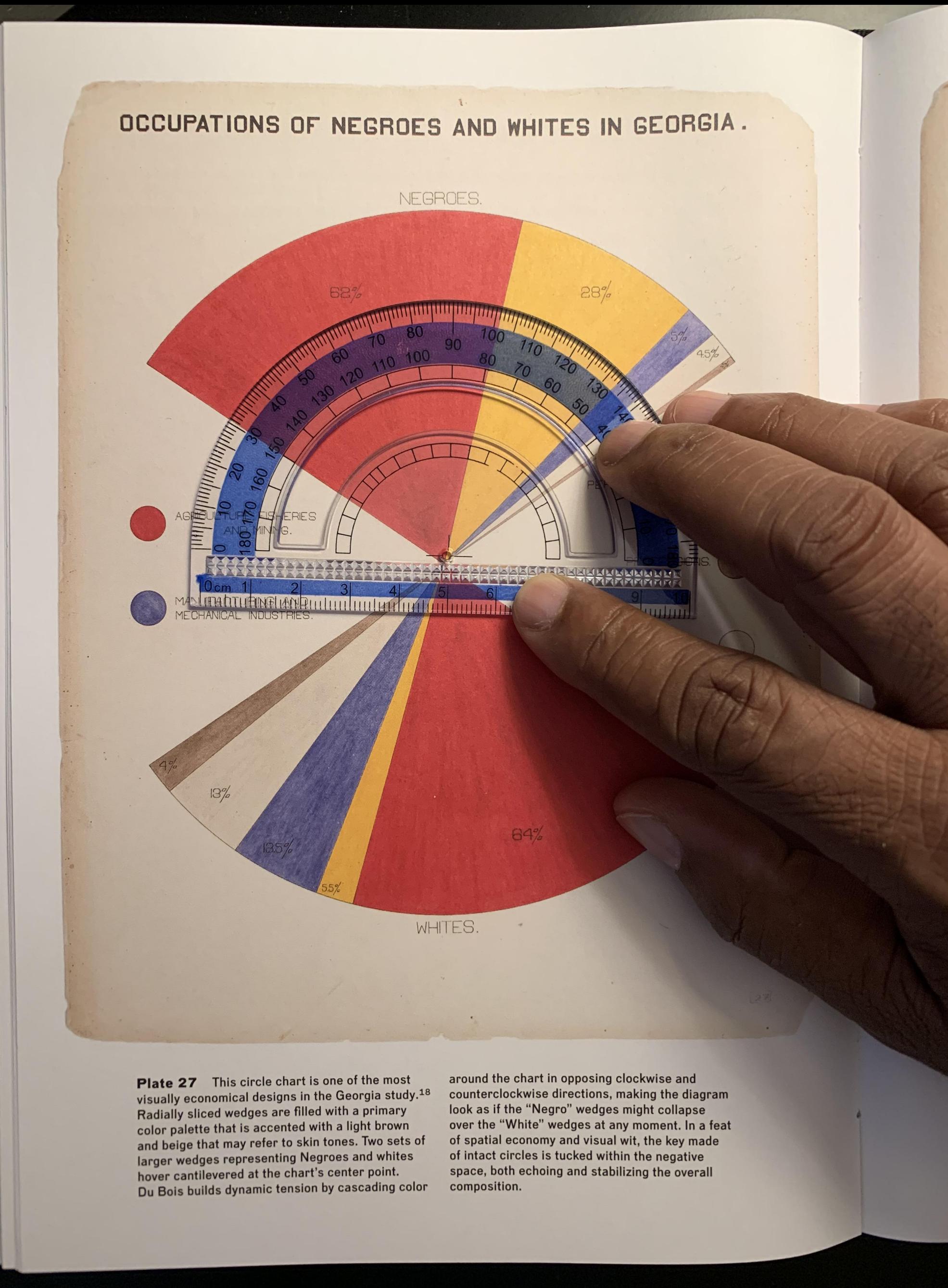
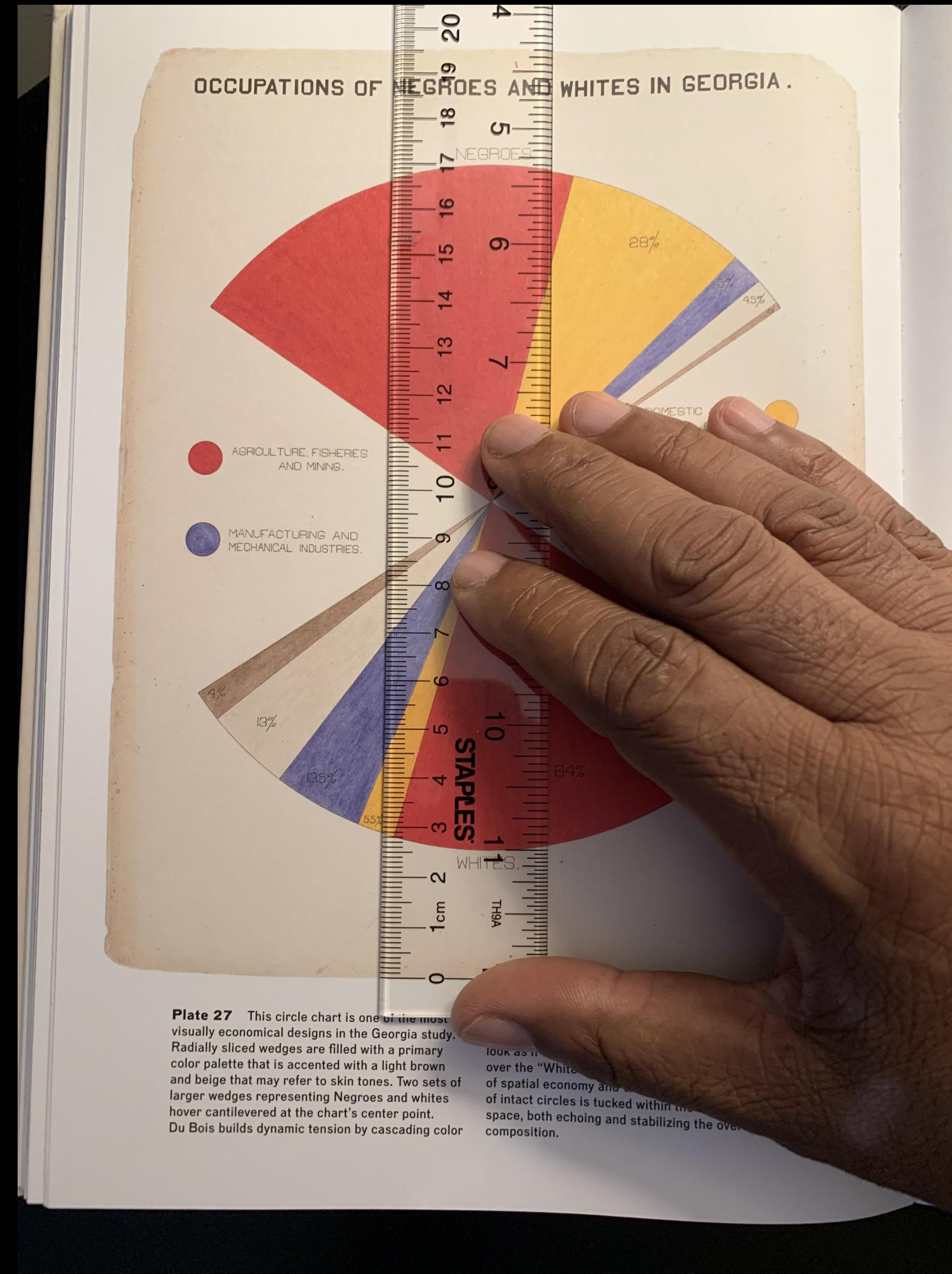


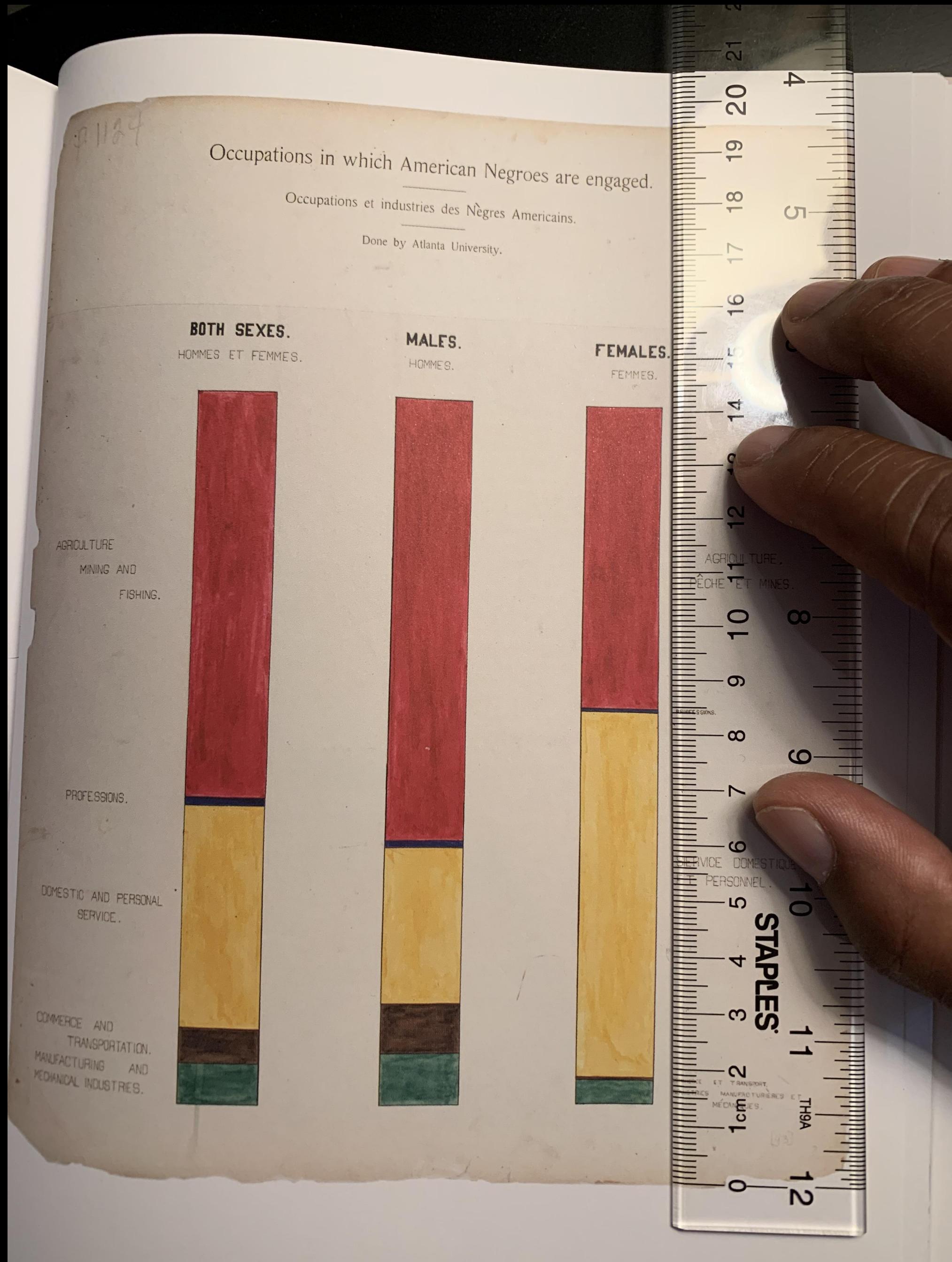
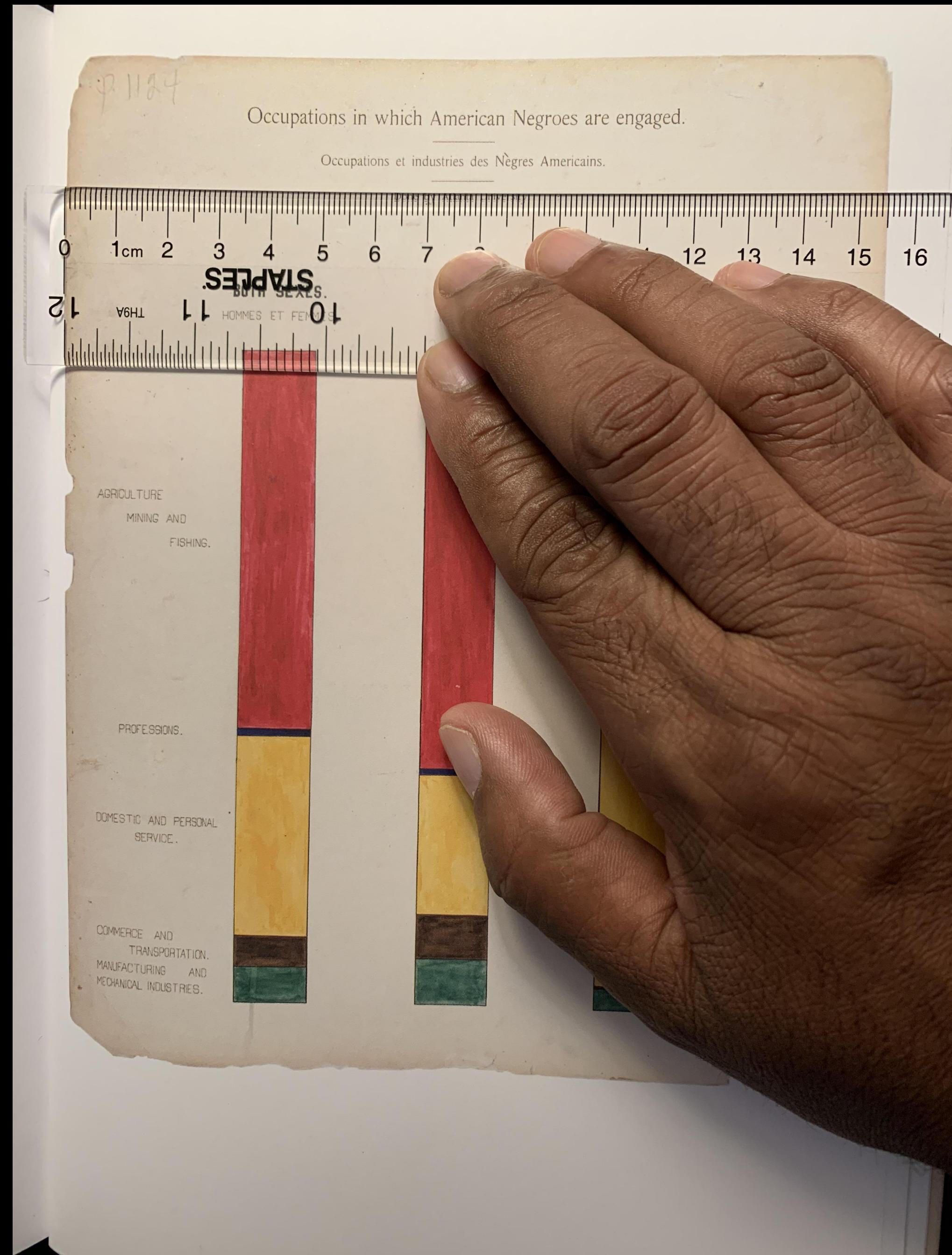
1900

Scripting, Digital Fonts, PDF, Internet

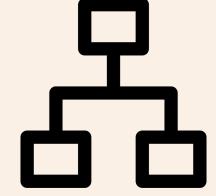


2019





decksh

 **Structure**

 **Text**

 **Lists**

 **Arrows**

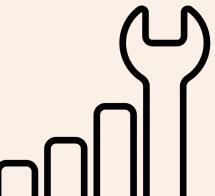
 **Images**

 **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

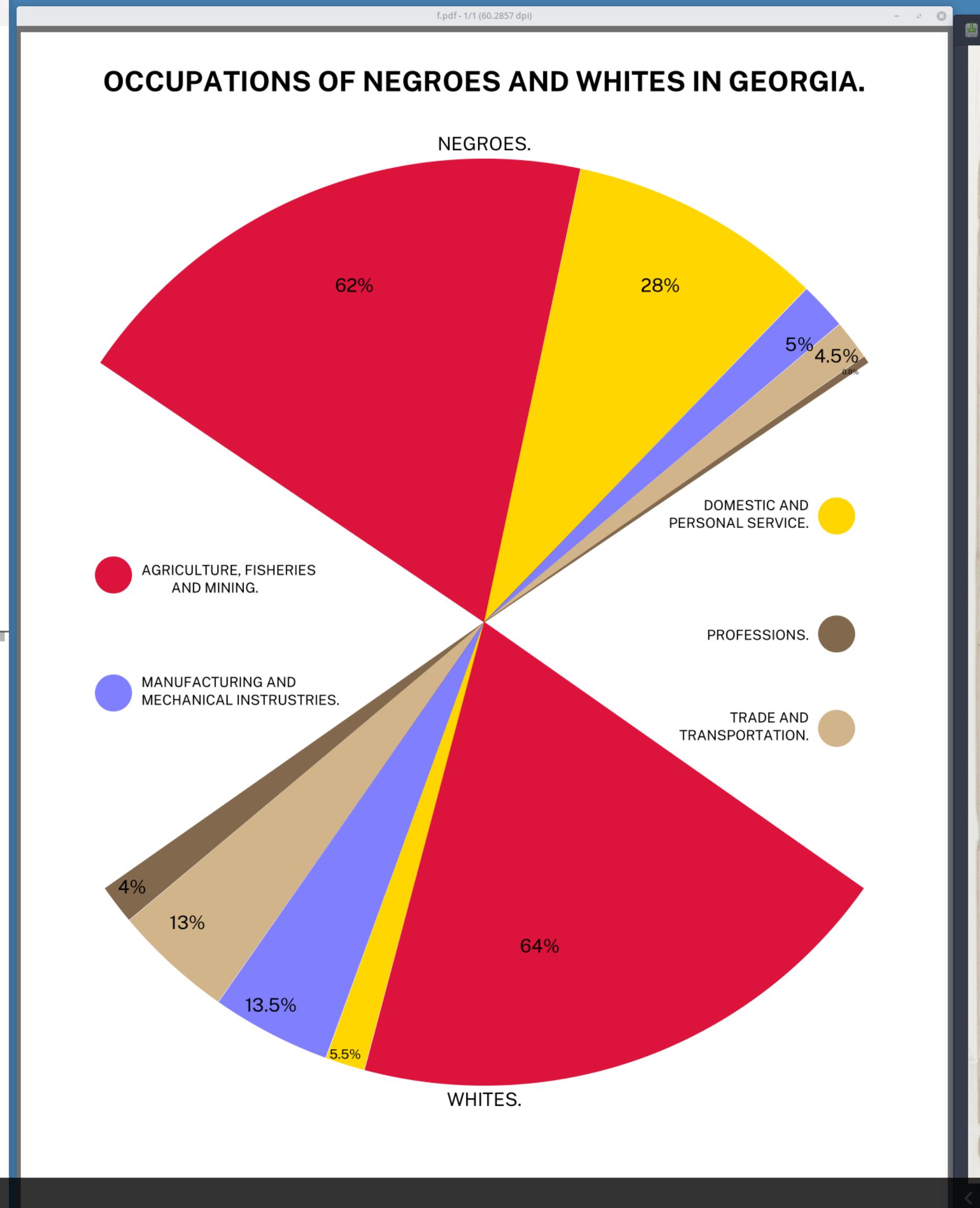
etext "PROFESSIONS." cx2 48.5 legsize

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

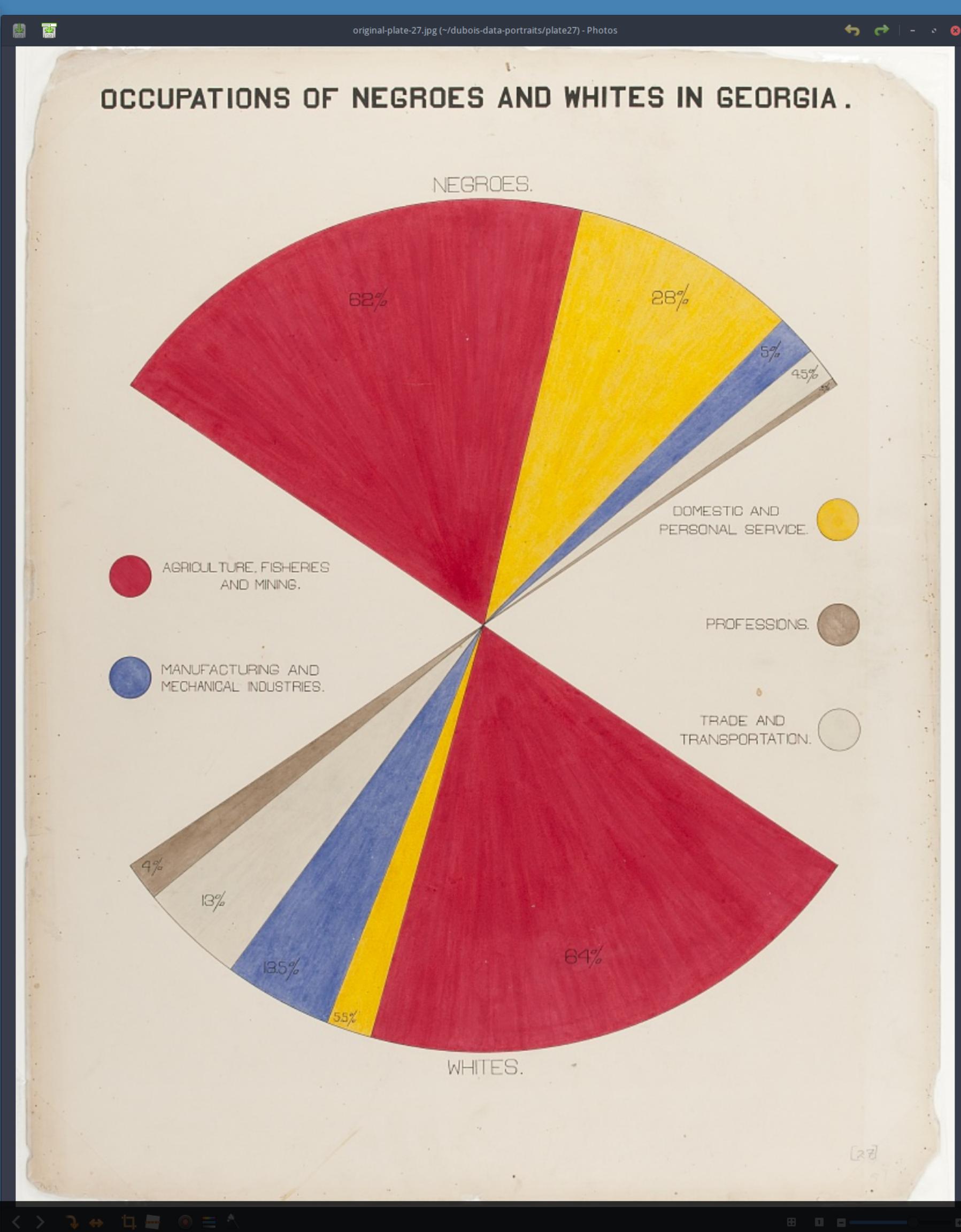
eslide
edeck

```



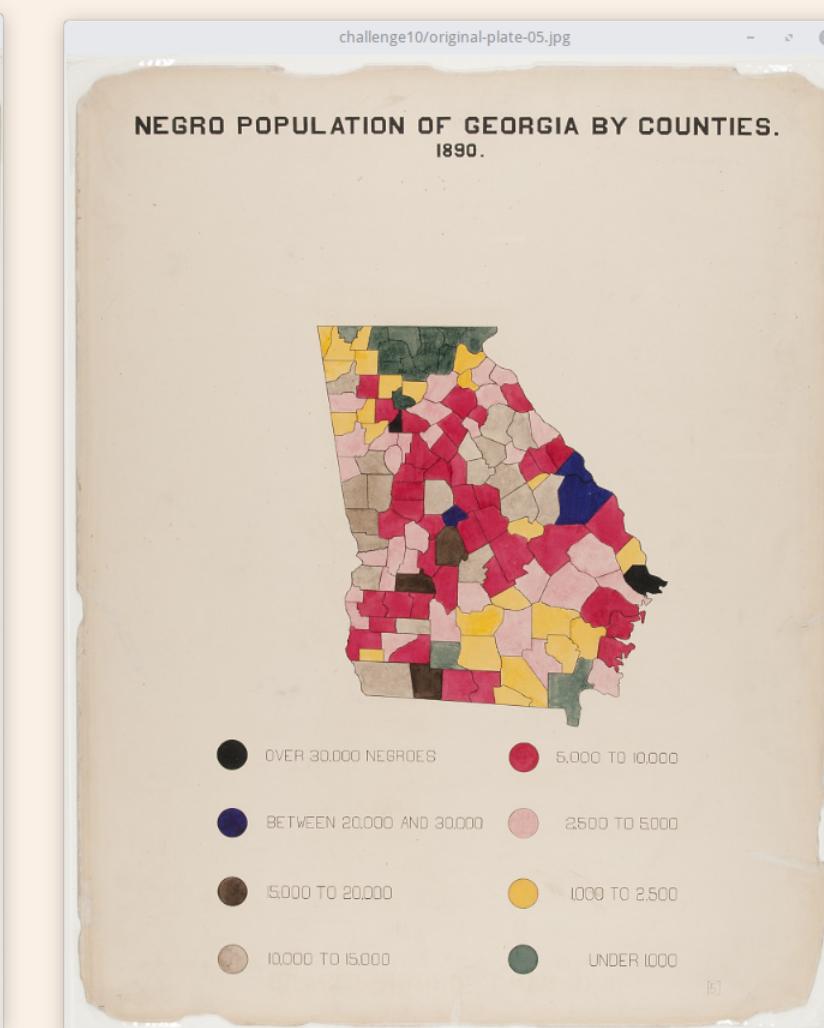
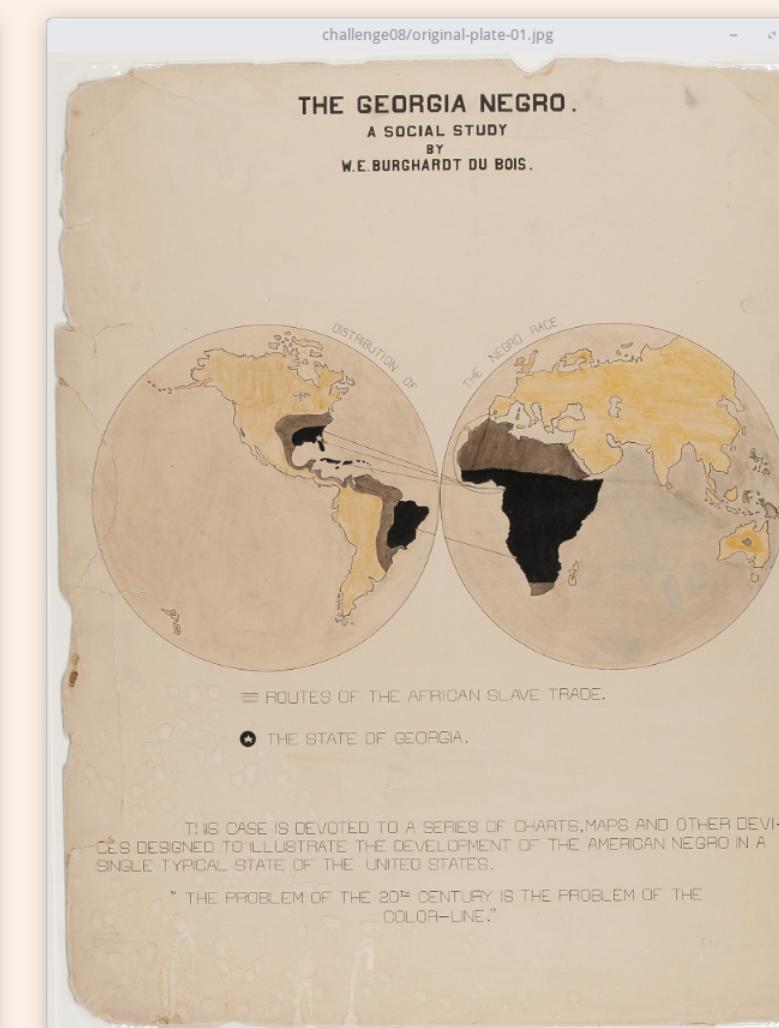
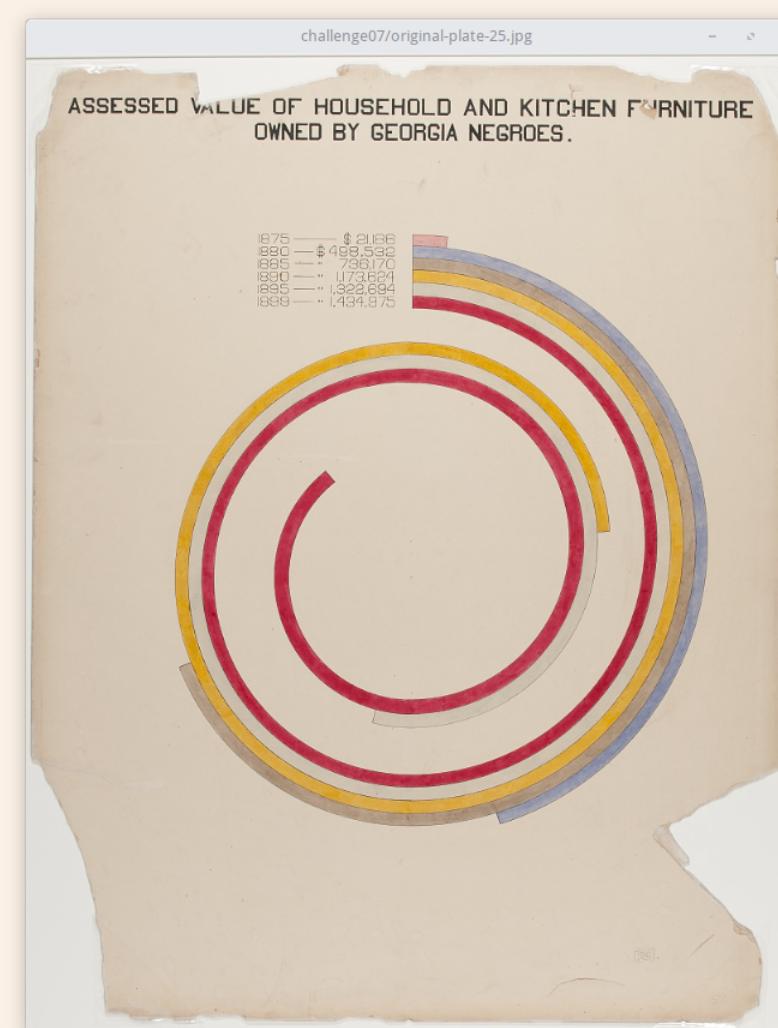
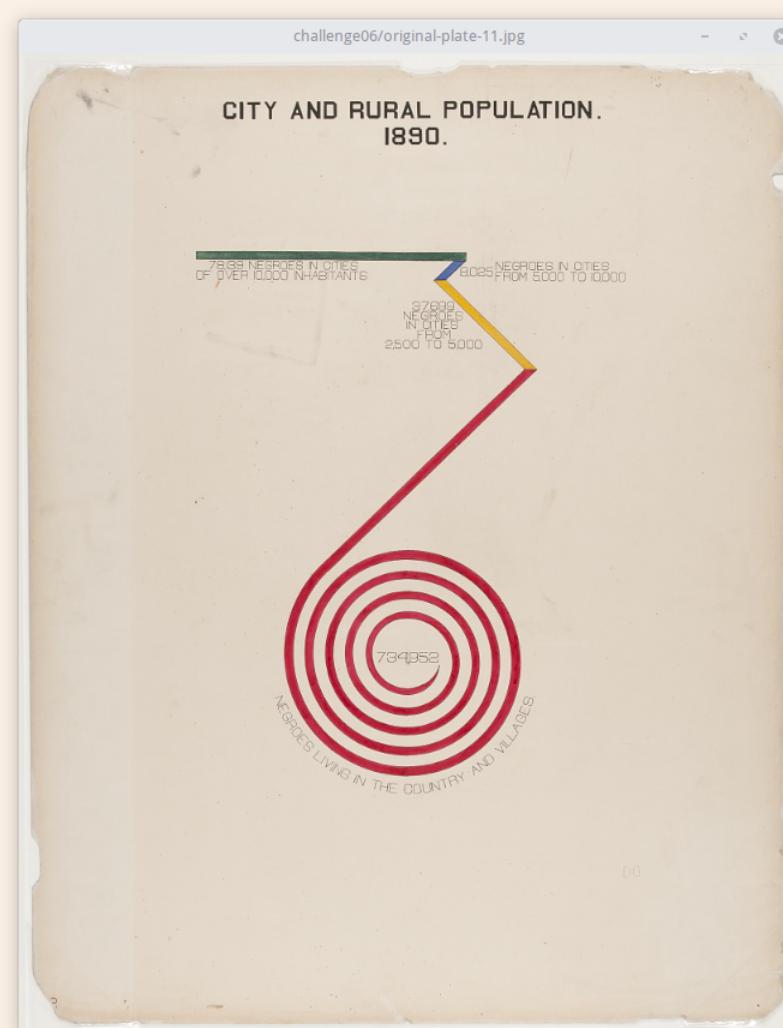
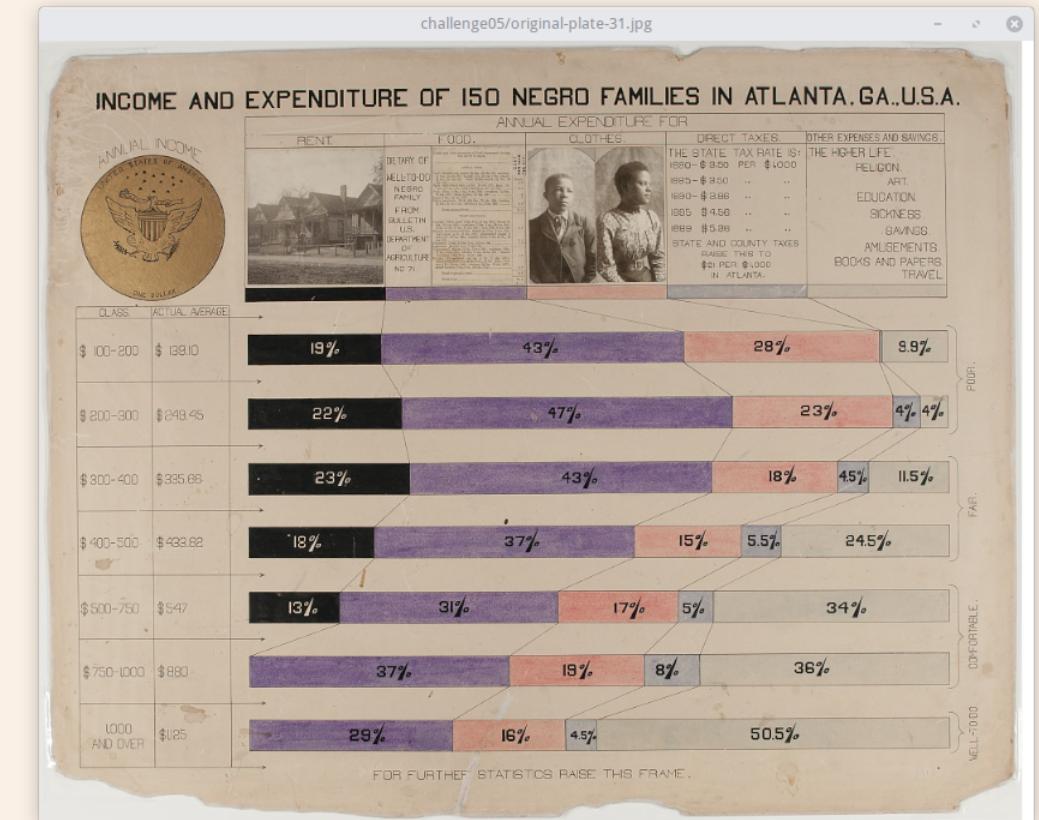
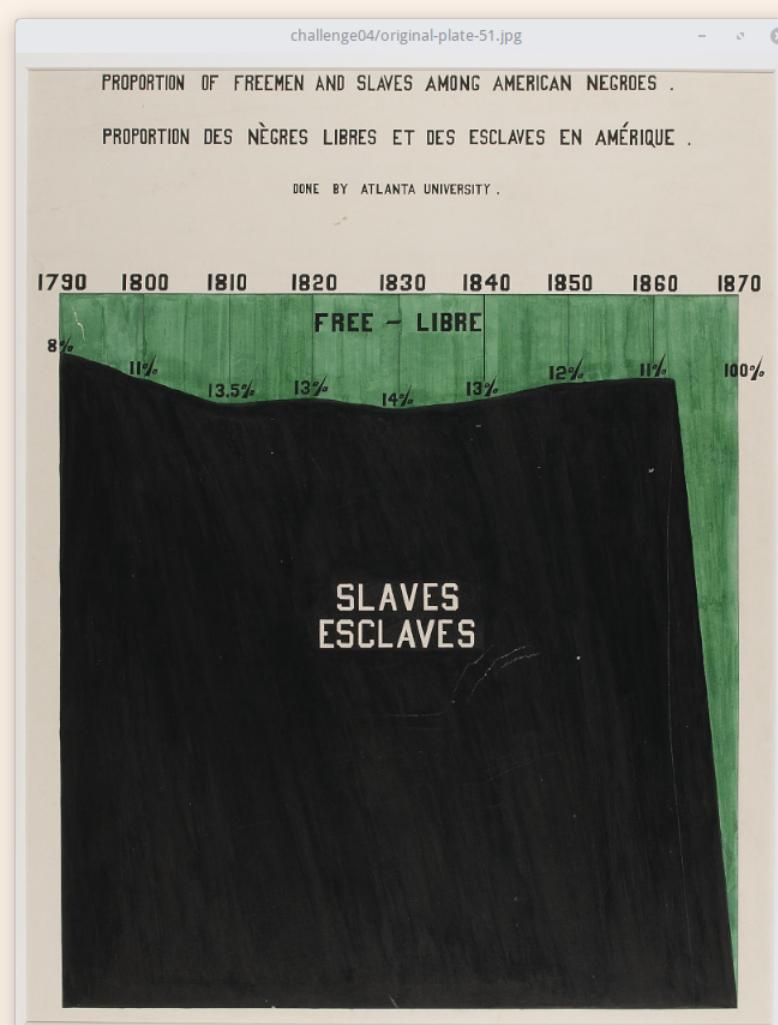
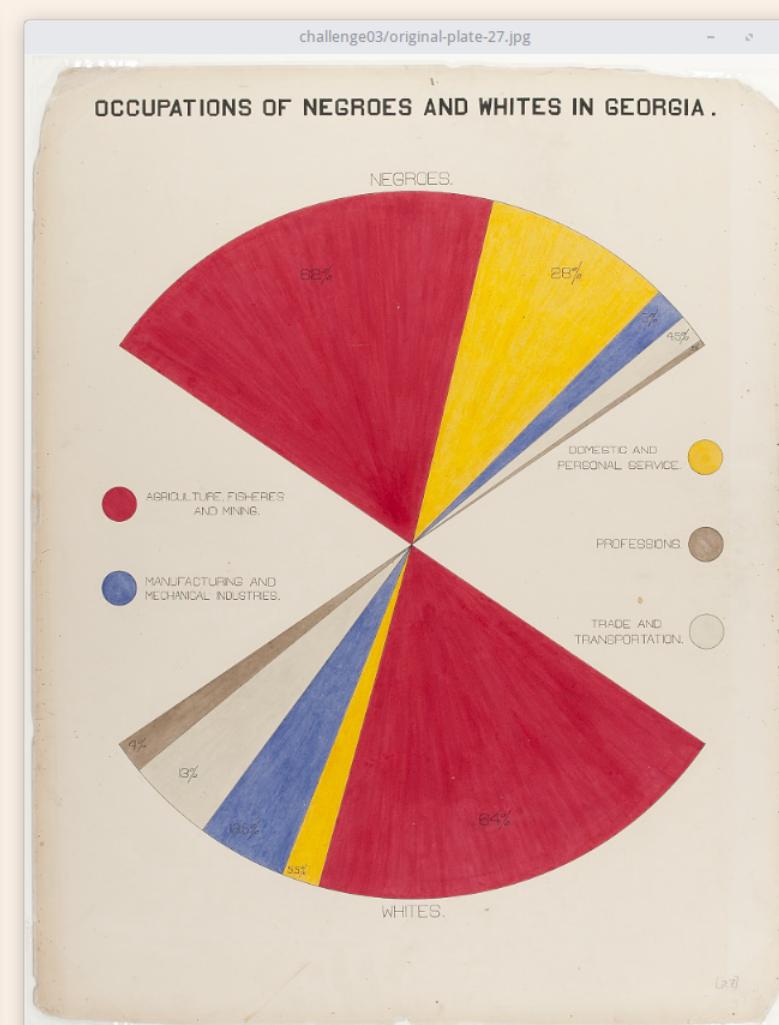
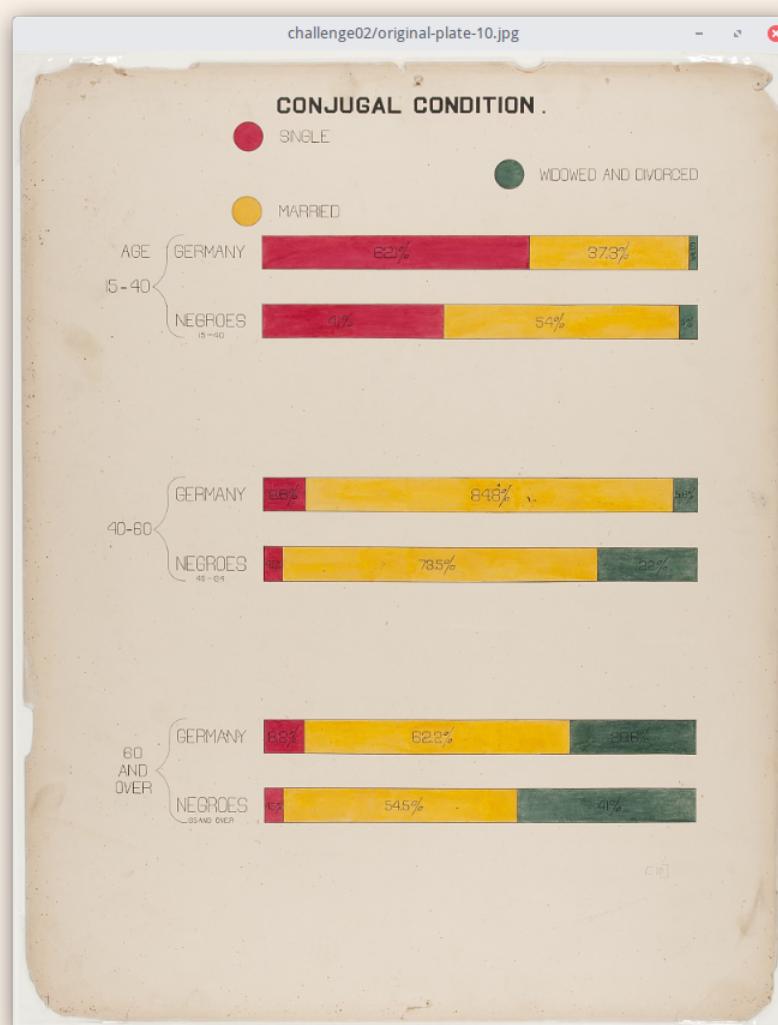
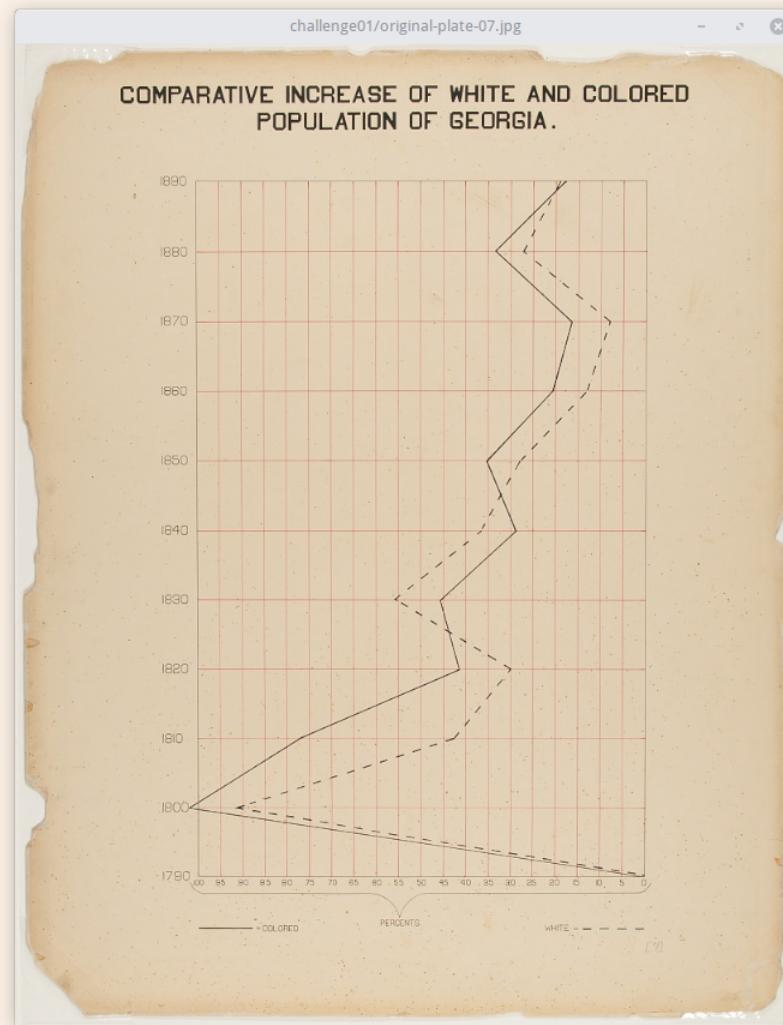
Code

Output

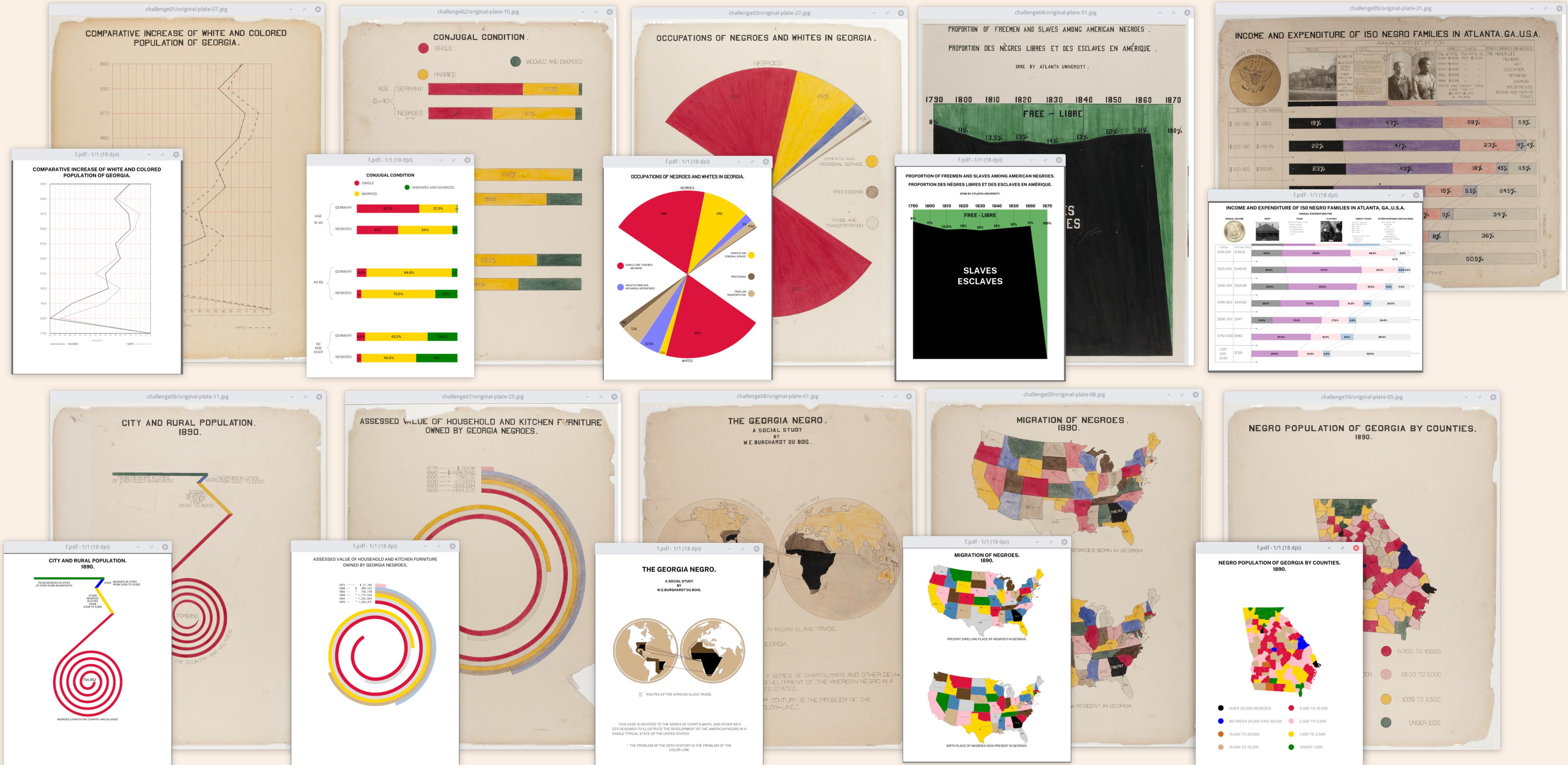


Reference

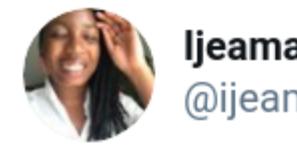
#DuboisChallenge



#DuboisChallenge



#DuboisChallenge

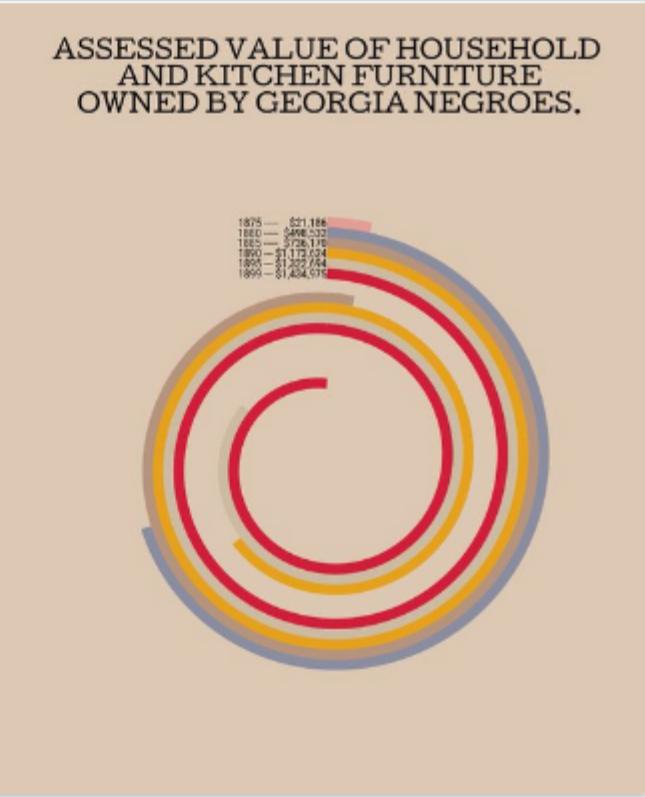
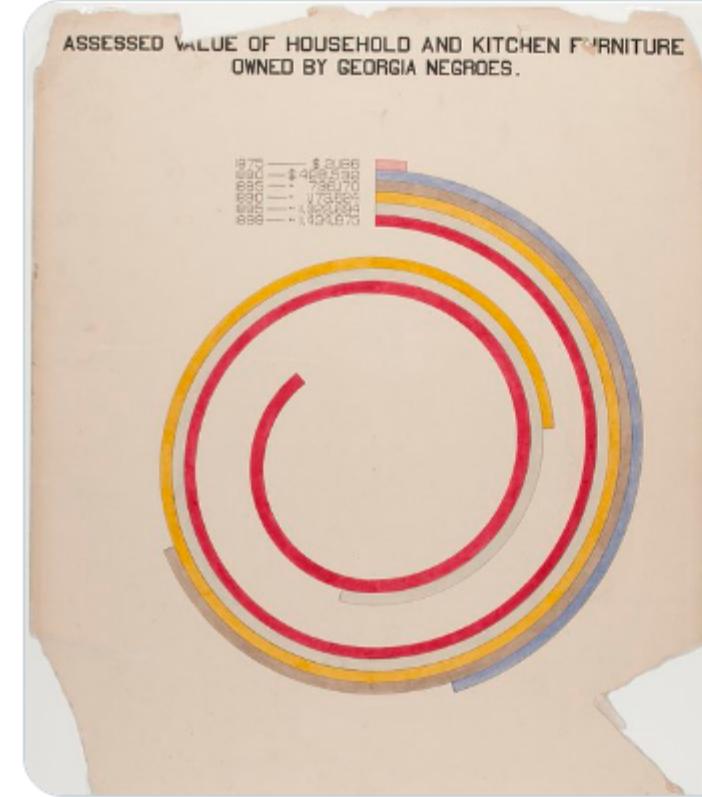


Ijeamaka A

@ijeamaka_a

#TidyTuesday and #DuBoisChallenge

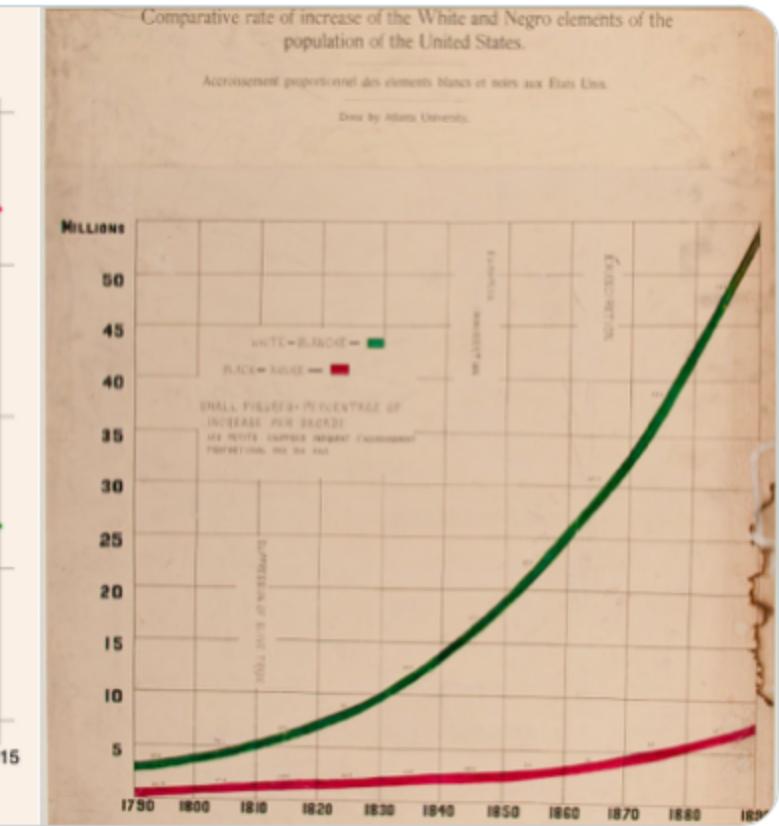
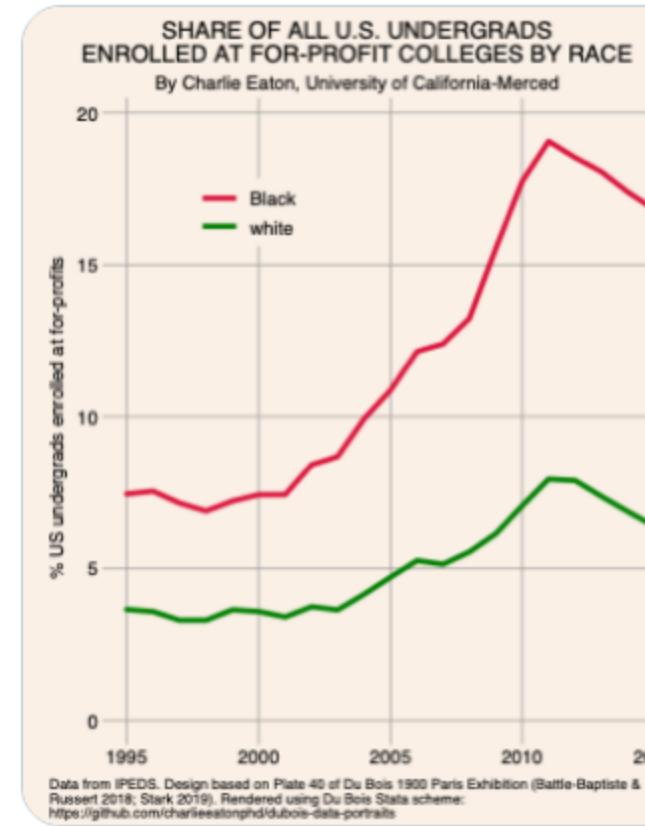
I decided to recreate challenge 07 using only coord_polar. It is not a perfect recreation, but I am happy with it (mostly because I didn't have to use my very rusty trigonometry knowledge).



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!

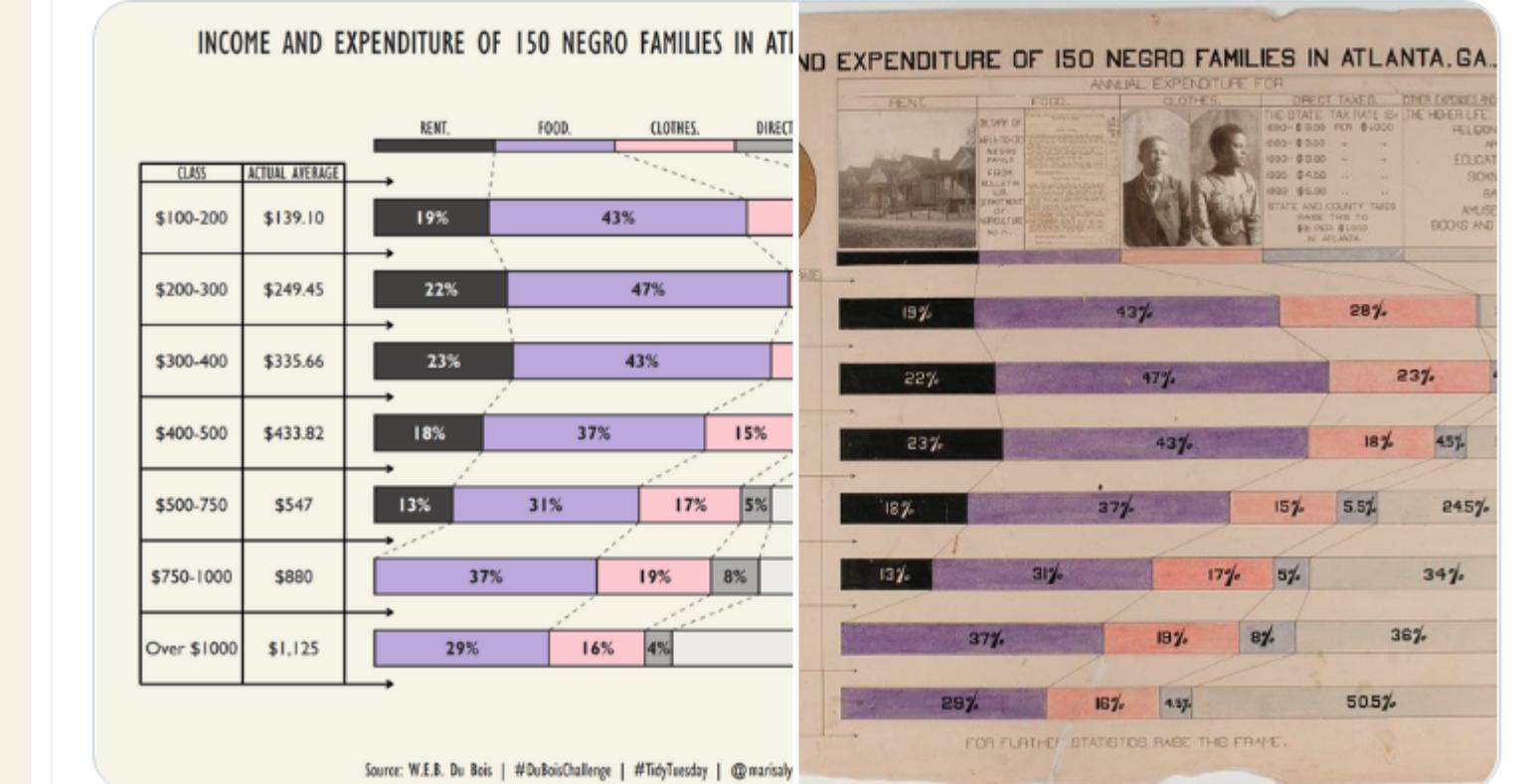


Marisa Henry

@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!

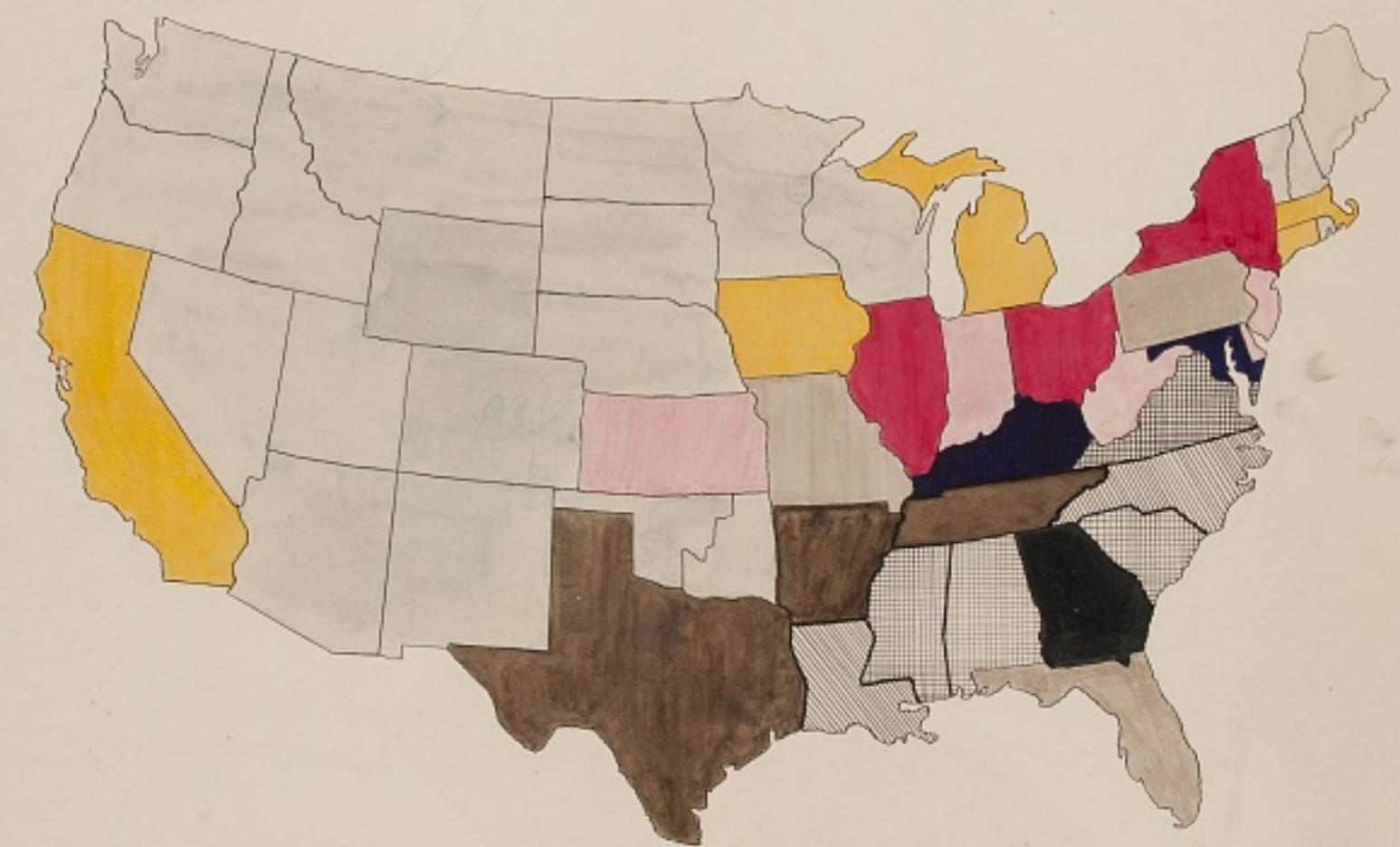
: github.com/marisalyn/tidy...



<https://github.com/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

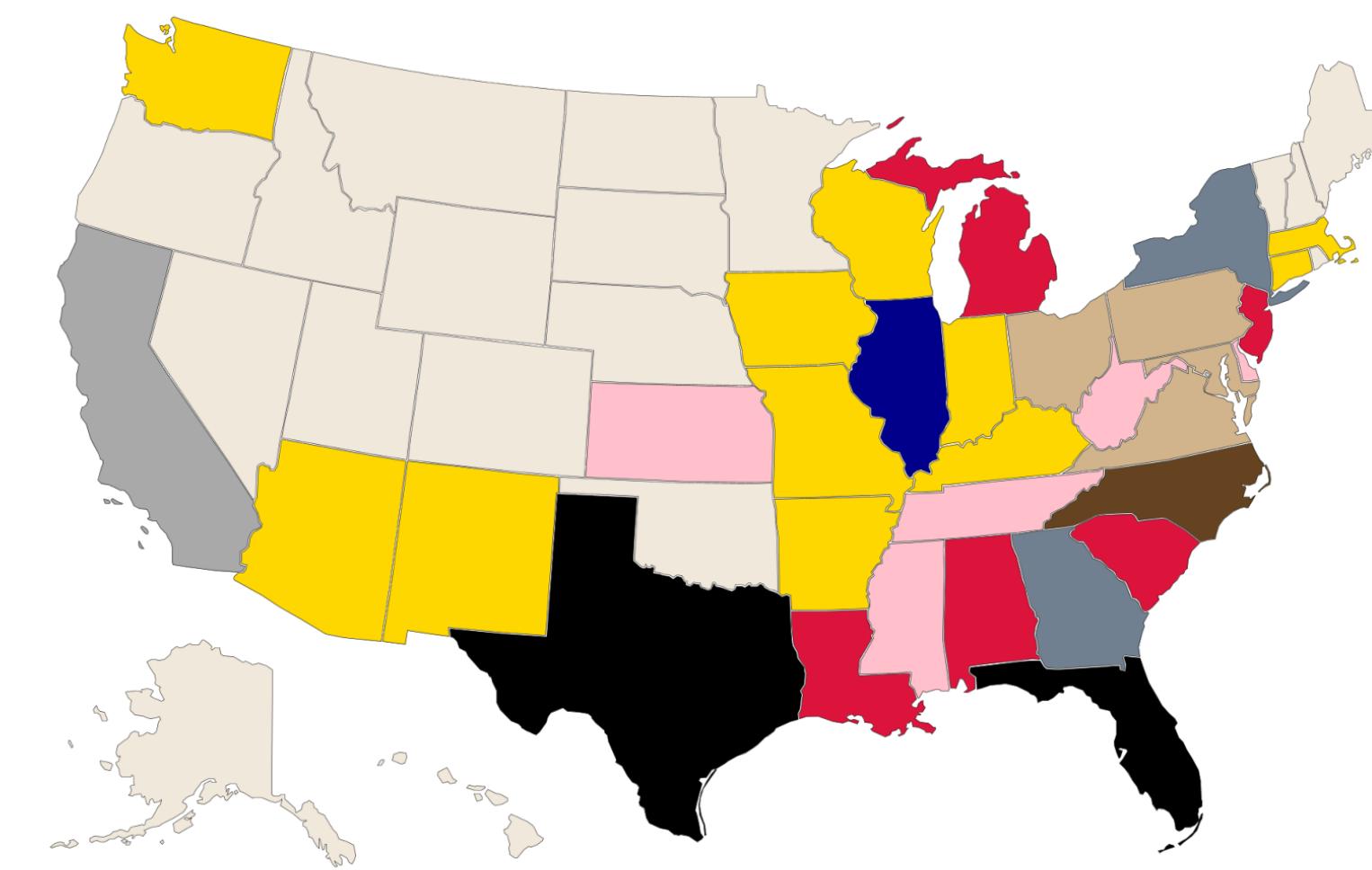
■ 300,000 — 500,000

■ 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.