

How America's Social Contract Engineered the STEM Gap for African Americans



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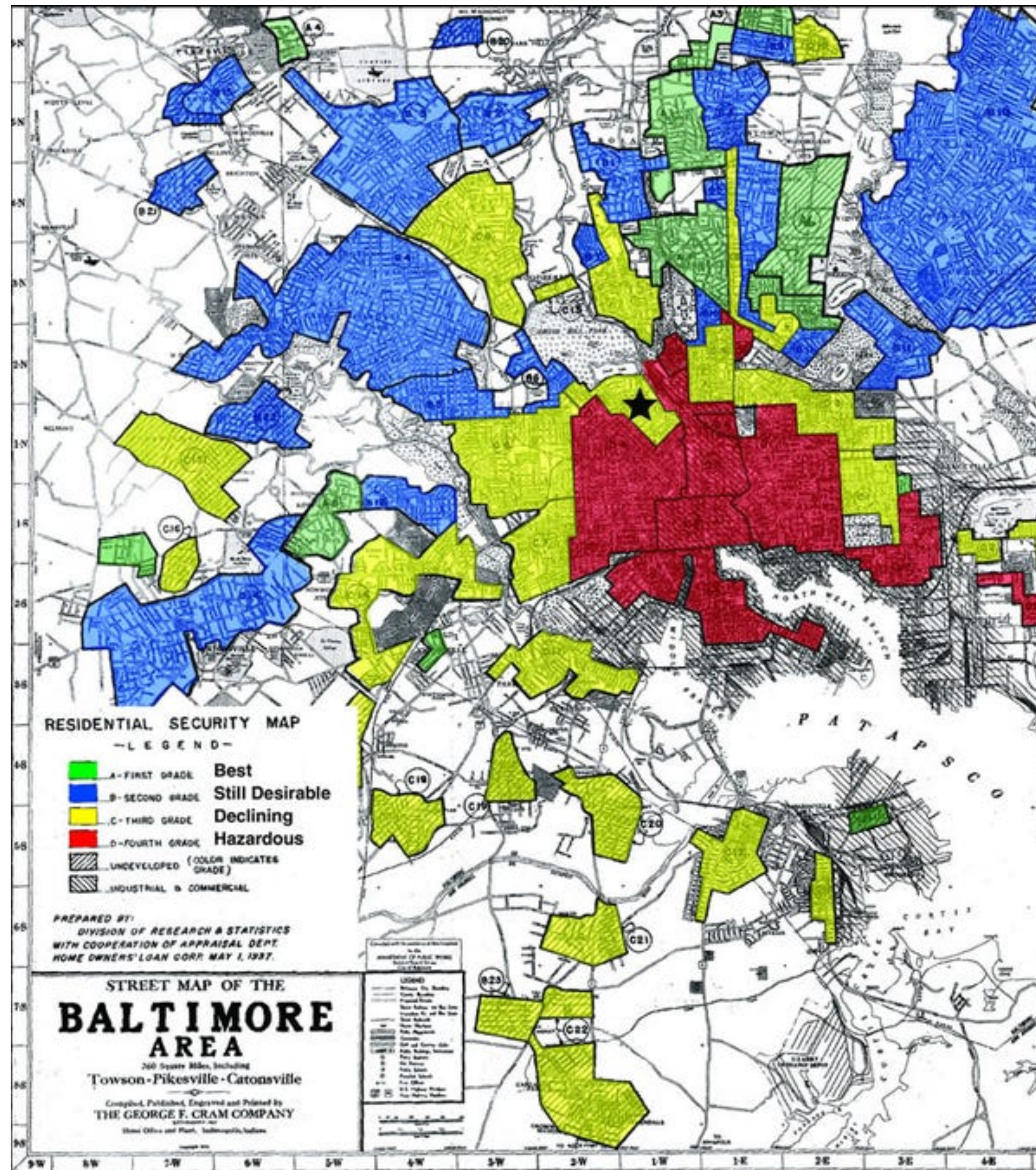
Social contract - an actual or hypothetical agreement among the members of an organized society or between a community and its ruler that defines and limits the rights and duties of each.

<https://www.merriam-webster.com> › dictionary › social contract



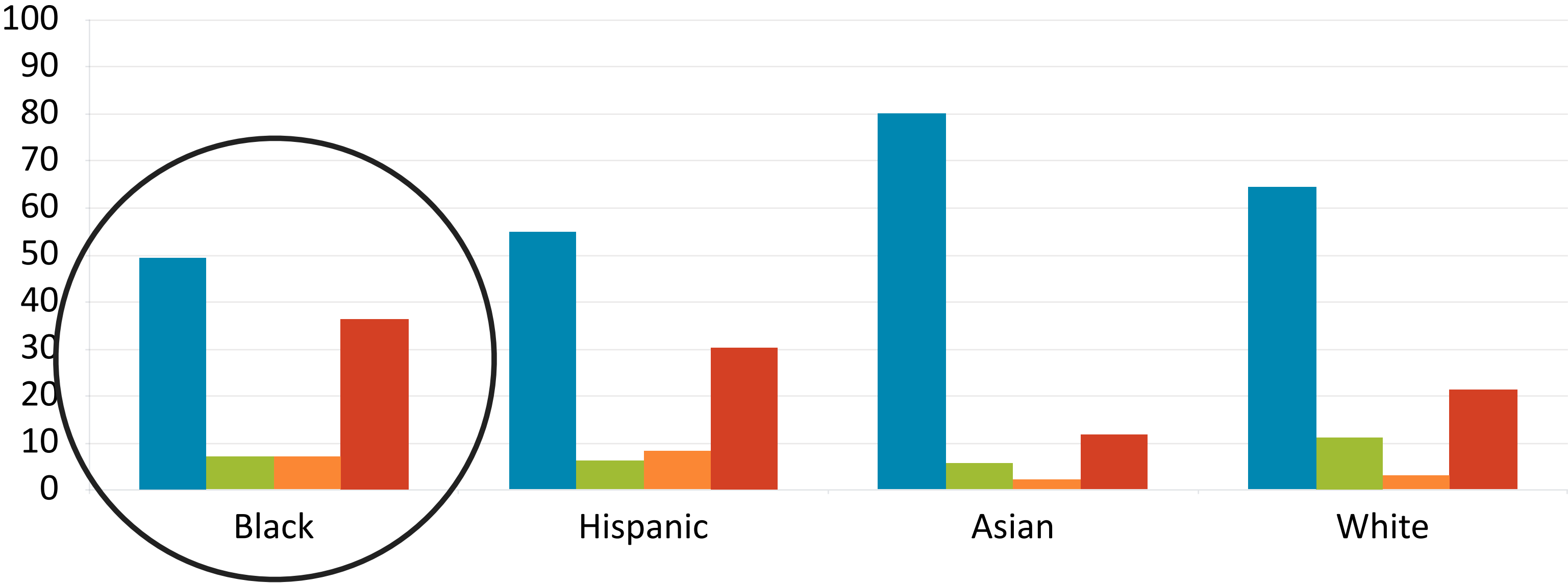
Redlining

the illegal practice of refusing to offer credit or insurance in a particular community on a discriminatory basis (as because of the race or ethnicity of its residents)



Digital Divide in the U.S. by Race

WHO HAS ACCESS AND WHO DOESN'T?



49.3%

LAPTOP OR DESKTOP, HANDHELD DEVICE AND
INTERNET SERVICE AT HOME

7.0%

NO LAPTOP OR DESKTOP, HAS HANDHELD
DEVICE AND INTERNET SERVICE AT HOME

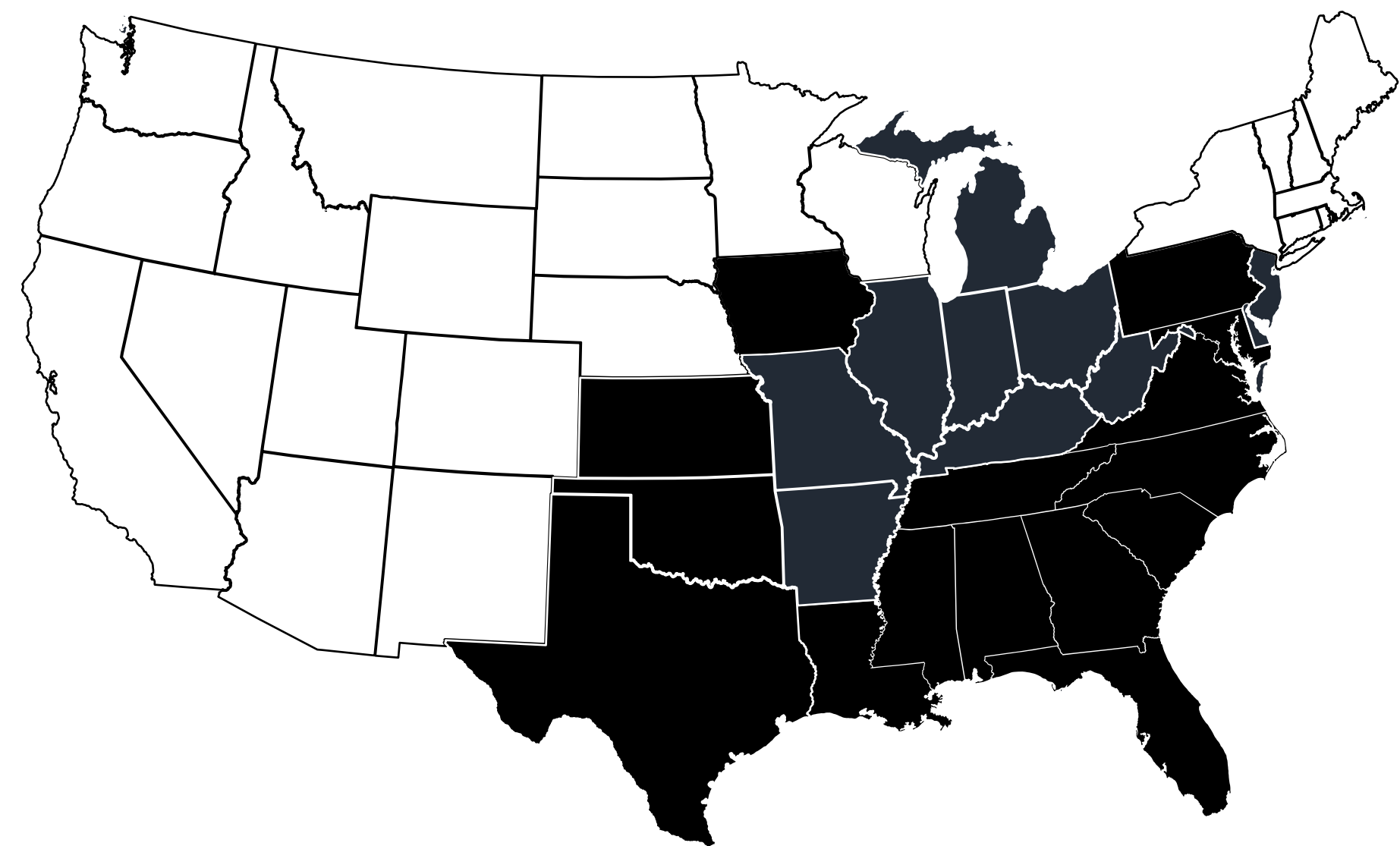
7.2%

LAPTOP OR DESKTOP, NO HANDHELD DEVICE,
HAS INTERNET SERVICE AT HOME

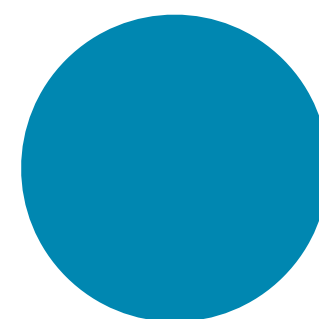
36.4%

NO COMPUTER OR INTERNET SERVICE AT ALL

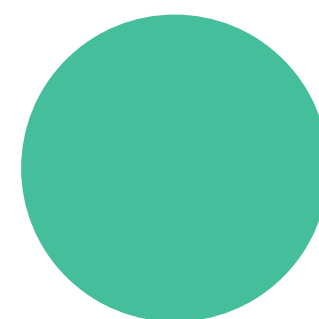
RACIAL DIVIDE



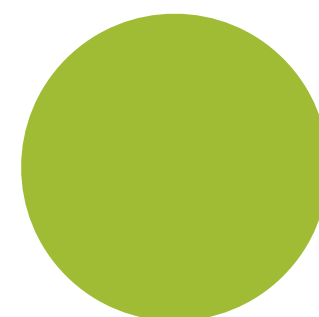
HBCUs are located in the black states



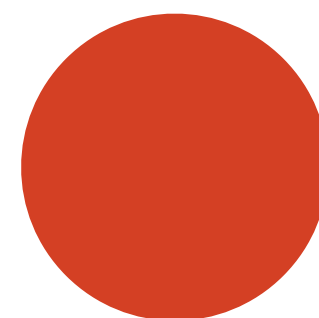
BROADBAND/DIGITAL DIVIDE



PUBLIC SCHOOLS



HIGHER EDUCATION



PROFESSIONAL DEVELOPMENT

FULL CIRCLE (HEXAGON)

STEM DISPARITY

THE SOCIAL CONTRACT

OPPORTUNITY

DISCRIMINATION

EDUCATION

UNEQUAL
INFRASTRUCTURE





POLICY



SCHOOL SYSTEMS



UNICORNS

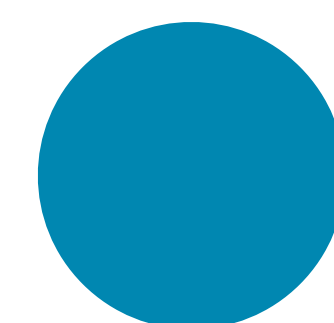


CHAMPIONS

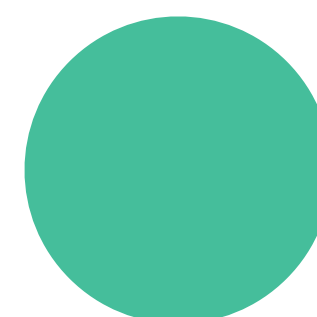
***“Technology is the by-product
of imagination along with
access to science, engineering,
mathematics and opportunity.”***

- Dr. Trina Coleman

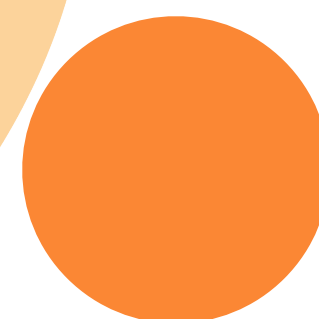




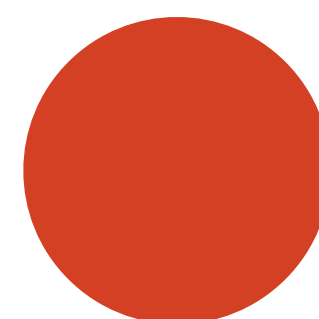
MORE DOCTORS



MORE ENGINEERS

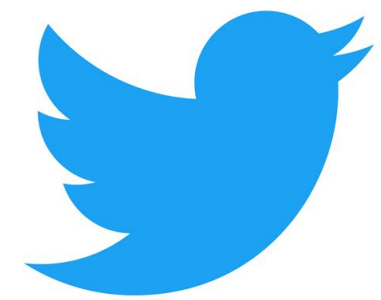


MORE SCIENTISTS



MORE REPRESENTATION

THANK YOU!



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bit.ly/drtrinac_sc



@drtrinacoleman

