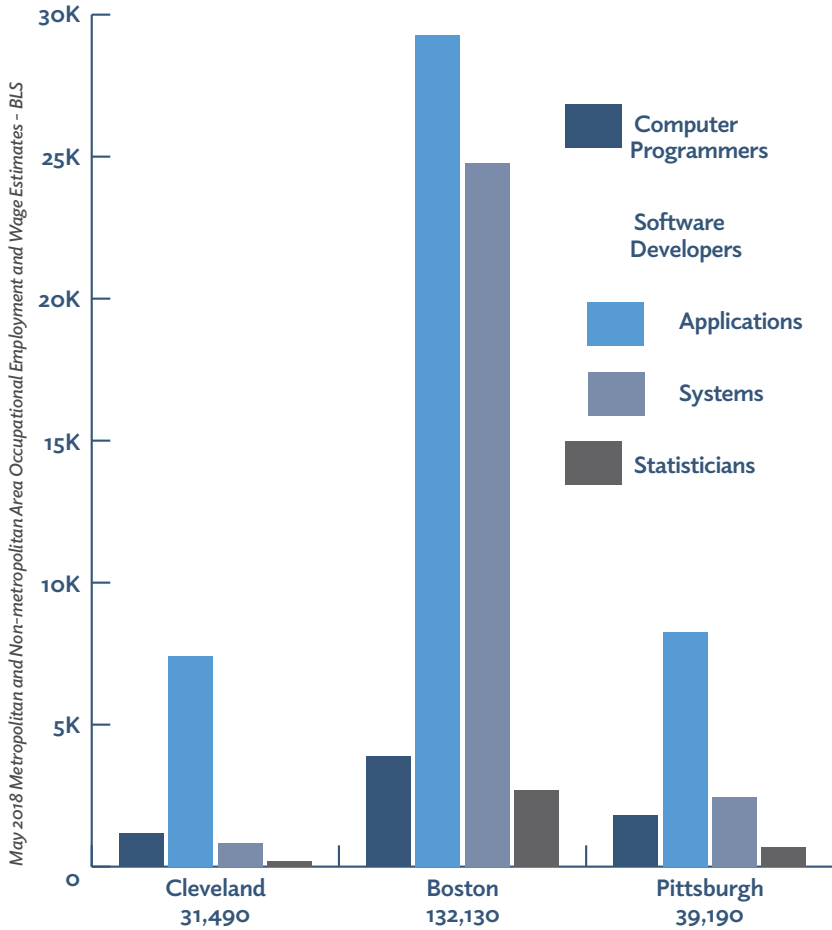


FUTURE ECONOMY SKILLS

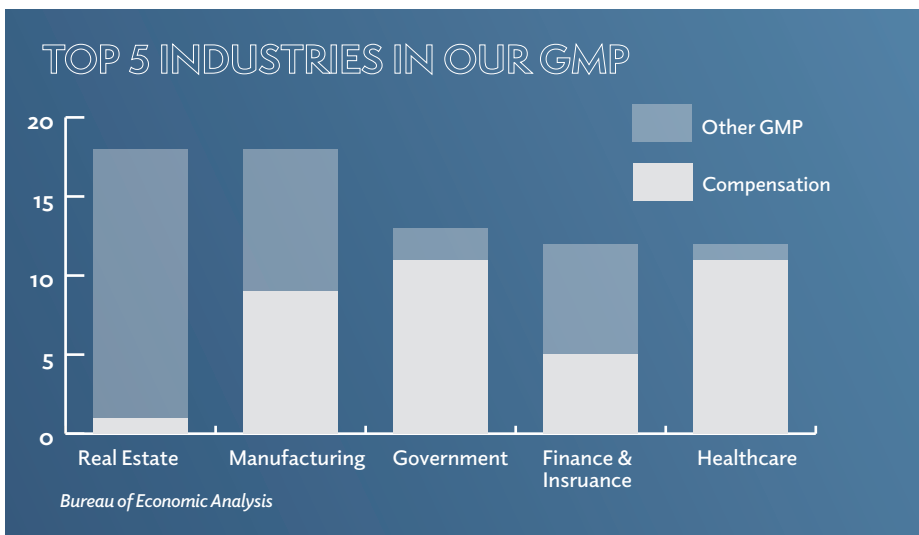
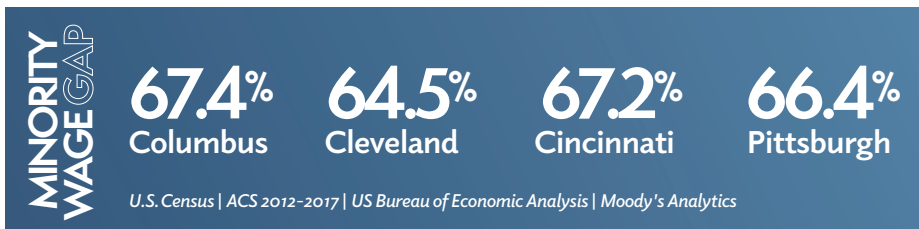


COMPUTER & MATHEMATICAL OCCUPATIONS



3.9%
 RAISE OF MEDIAN
 REAL INCOME
 GROWTH FROM 2012
 TO 2017

U.S. Census | ACS 2012-2017 | US Bureau of Economic Analysis | Moody's Analytics



Moody's Analytics, North American Business Cost Review

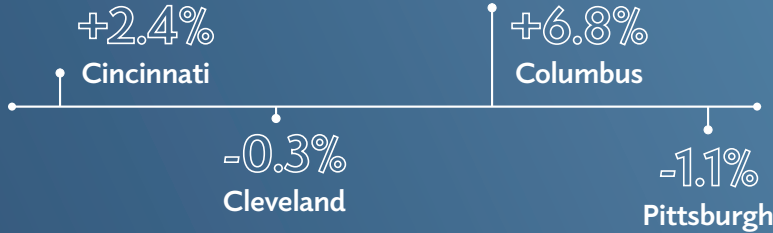


2,503,803

TOTAL 2019 GREATER CLEVELAND POPULATION

POPULATION GROWTH

% 2012 - 2017



U.S. Census | ACS 2012-2017 | US Bureau of Economic Analysis | Moody's Analytics

Population of CLE vs CLE MSA vs Greater CLE

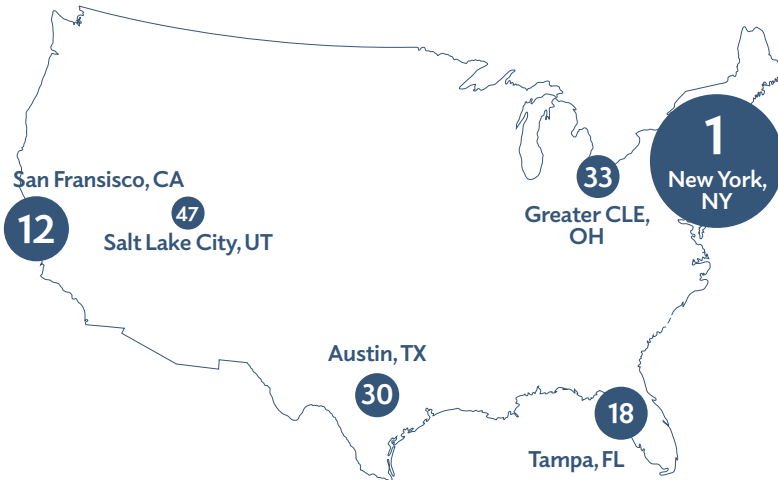
2,503,803
GREATER CLE

CUYAHOGA, LORAIN, GAUGA,
MEDINA, & LAKE COUNTIES

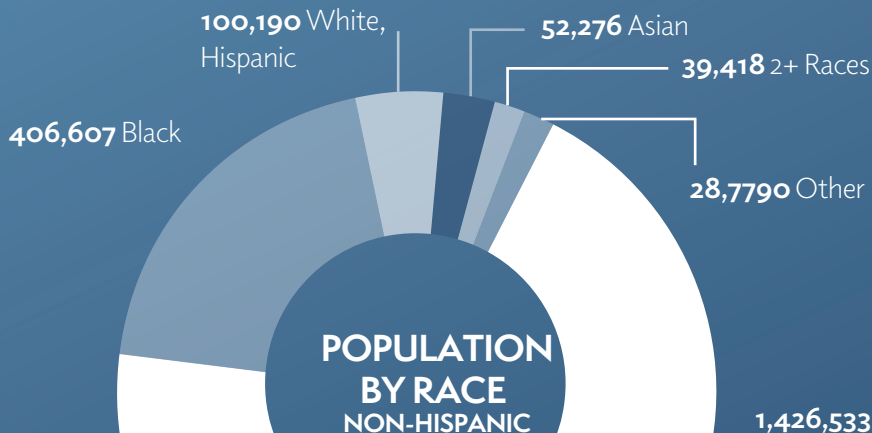
2,062,764
CLE MSA

388,812
CLE

HOW WE RANK IN
SIZE VS OTHER CITIES



Population



FOREIGN BORN

5.7% 2017
AND
20% 1920

ACS '17 5-year estimate



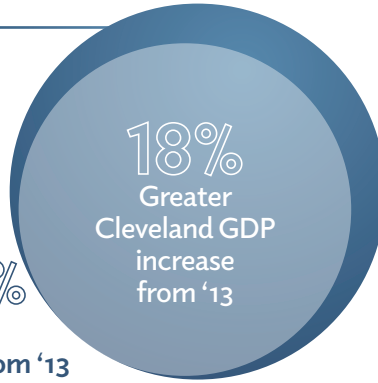
1,016,783

PEOPLE WHO ARE EMPLOYED

\$111,176,813,357
Greater Cleveland 2013 GDP

\$131,380,888,105
Greater Cleveland 2018 GDP

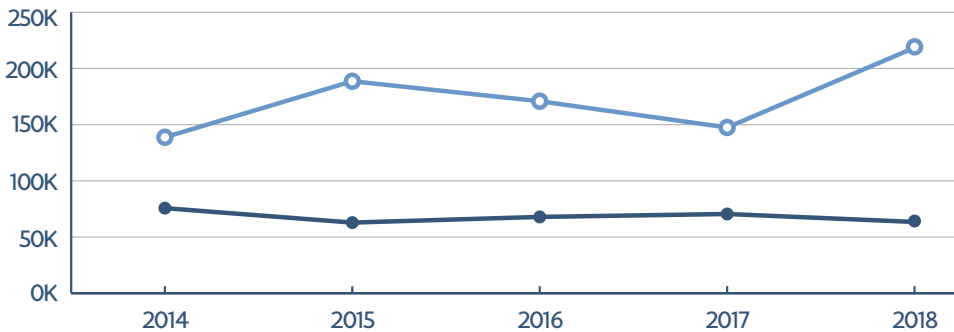
23.3%
US GDP
change from '13



5.06%
2018 unemployment rate
(Higher than the national average)

EMSI 2019.3

UNFILLED POSITIONS EMSI 2019.3



2.2% Drop

annually in the past five years of employment
growth in young firms in Greater Cleveland

Quarterly Workforce Indicators

ONLY 31% OF HOUSEHOLDS IN THE CITY OF
CLEVELAND EARN A FAMILY SUSTAINING WAGE,
AND 58% OF HOUSEHOLDS IN THE CLEVELAND
MSA EARN A FAMILY-SUSTAINING WAGE.

United Way's Asset Limited Income Constrained Employed (ALICE) Analysis.

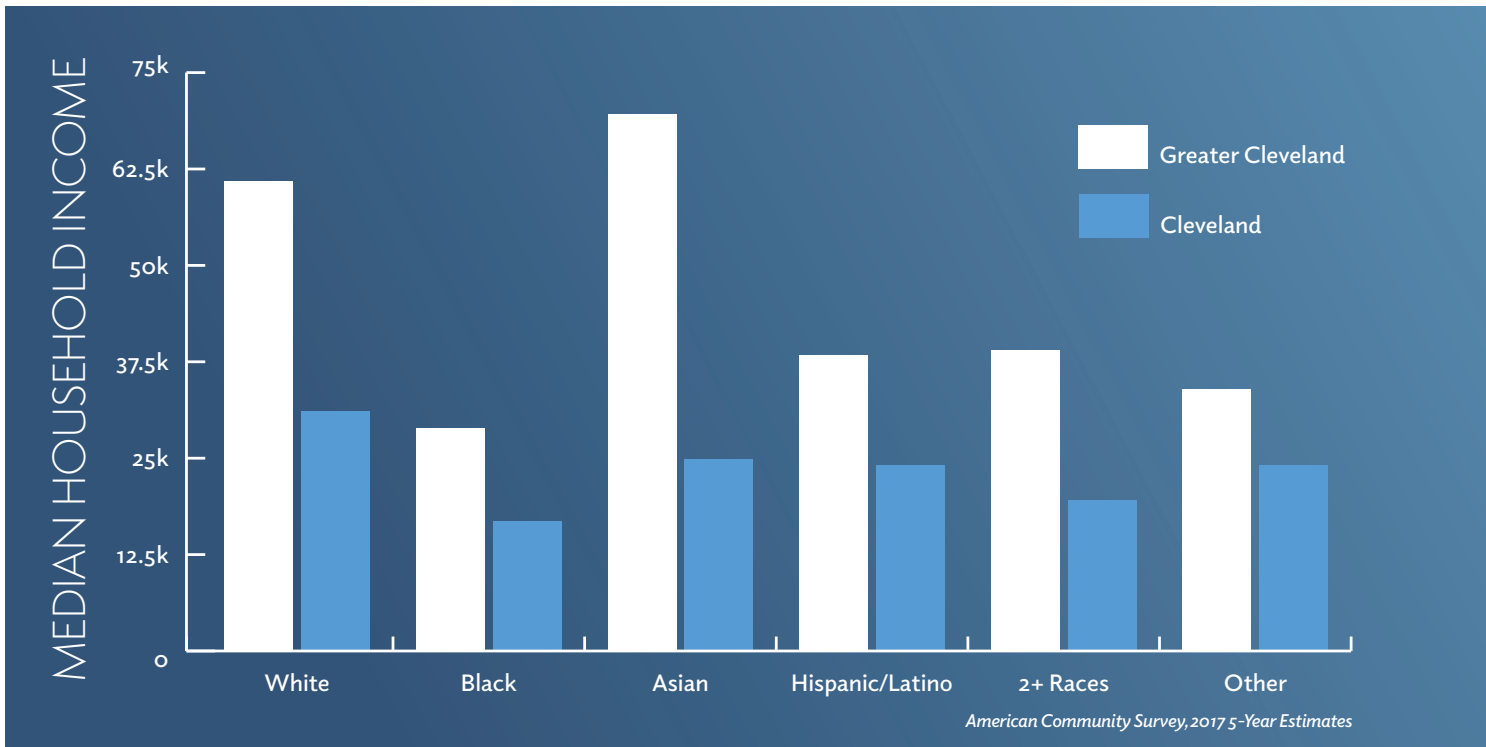
31%
AND
58%



*Census 2018 Population
Estimates*

Employment





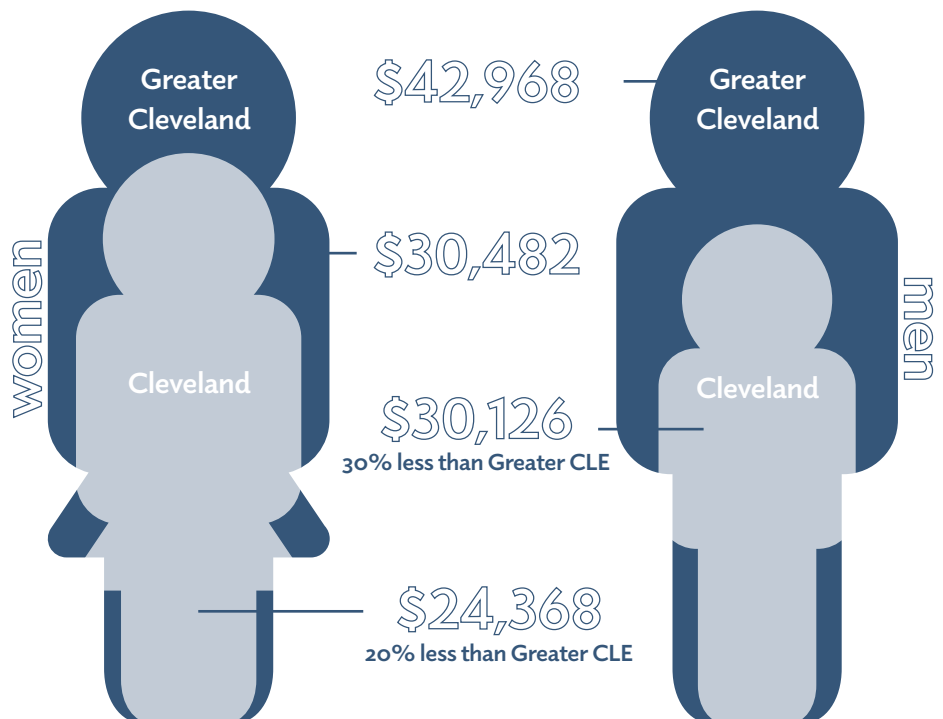
24%

ACCESSIBLE JOBS IN CLEVELAND DROPPED 27% FROM 2000-2012, THE MOST OUT OF 96 METROS. WORKERS IN THE CLEVELAND MSA SPEND 24% OF THEIR INCOME ON TRANSPORTATION.

Black workers earn 54¢ on the dollar in the City of Cleveland compared to white workers, and 47¢ on the dollar in Greater Cleveland

American Community Survey, 2017 5-Year Estimates

Median Income by Gender



Income



18%
VS
5.6%

THE POVERTY RATE IN CUYAHOGA COUNTY IS HIGHER TODAY THAN IT WAS AT HEIGHT OF 2008 RECESSION EVEN THOUGH MORE PEOPLE ARE WORKING

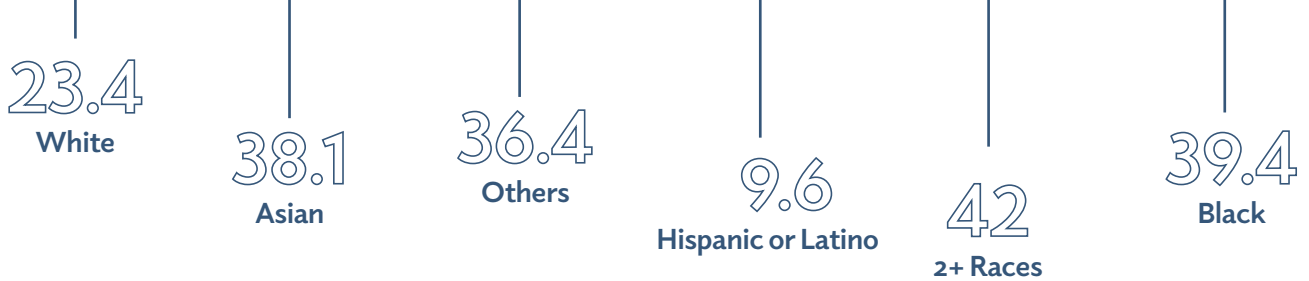
The Center For Community Solutions, "Poverty Speaks: Climbing out of Poverty", August 7, 2019



297,449 People live below the poverty line in Greater Cleveland
14.8% OF THE POPULATION FOR CLEVELAND MSA

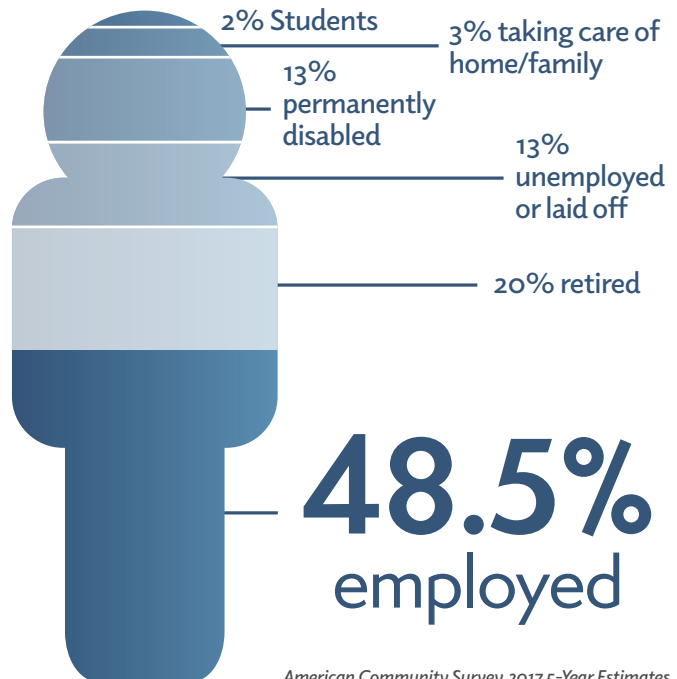
American Community Survey, 2017 1-Year Estimates

124,234 People live below the poverty line in City of Cleveland
33.1% OF THE OVERALL POPULATION



86.5 % Of people living below the poverty line are employed, students, taking care of home/family, permanently disabled, or retired.

CUYAHOGA COUNTY RESIDENTS LIVING BELOW THE POVERTY LINE



American Community Survey, 2017 5-Year Estimates

Poverty

