



MID-OHIO REGIONAL
MORPC
PLANNING COMMISSION

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NOTICE OF A MEETING
REGIONAL INFORMATION & DATA GROUP
MID-OHIO REGIONAL PLANNING COMMISSION
REMOTE MEETING

August 4, 2021, 2:30 pm – 4:30 pm

AGENDA

- 1. Welcome**
- 2. [Beyond GDP: Measuring Genuine Progress in Ohio](#) –
*Rob Moore, Scioto Analysis***
- 3. [Census 2020 Data Updates](#) and Group Discussion –
*Liz Whelan-Jackson, MORPC***
- 4. Breakout Sessions:**
Census 2020 Data Deep-Dive
A conversation led by Liz Whelan-Jackson about the details of the Census 2020 data release, planned data products, and the impacts of differential privacy to Census data product accuracy.

Organizing your Data
A conversation led by Katie Phillips about the challenges we face in our organizations around organizing data. This will be an opportunity to share ideas and experiences --from data collection, to metadata standards, to keeping track of the analysis we produce.

Tableau Use Cases and Examples
A conversation led by Josh Baney about using Tableau as a tool for data processing, visualization, and communication.
- 5. Breakout Session Report Out**
- 6. Closing Remarks / Adjourn**

Please notify Lynn Kaufman at 614-233-4189 or LKaufman@morpc.org to confirm your attendance for this meeting or if you require special assistance.

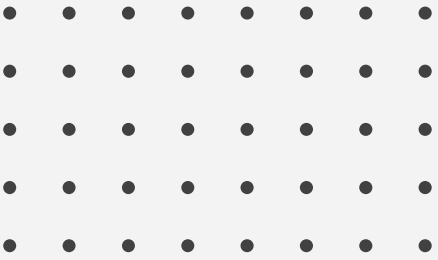
**The next Meeting of the Regional Information & Data Group
will be November 3, 2021 – Location to be Determined**

William Murdock, AICP
Executive Director

Karen J. Angelou
Chair

Erik J. Janas
Vice Chair

Chris Amorose Grooms
Secretary



Measuring Genuine Progress

Rob Moore | Scioto Analysis



Rob Moore, MPP

Principal, Scioto Analysis

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Problems with GDP

Double Counting

Informal economy

Hidden costs



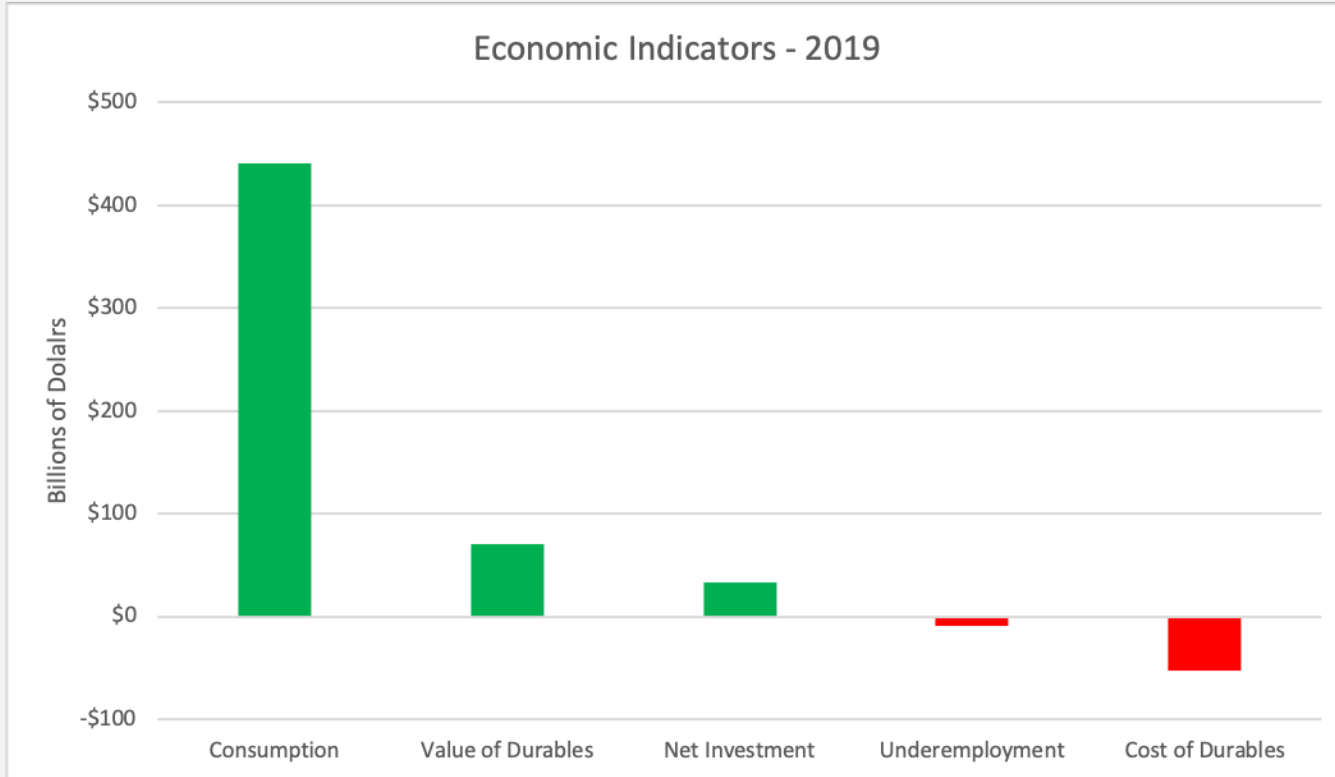
What is GPI?

Measure created to improve GDP

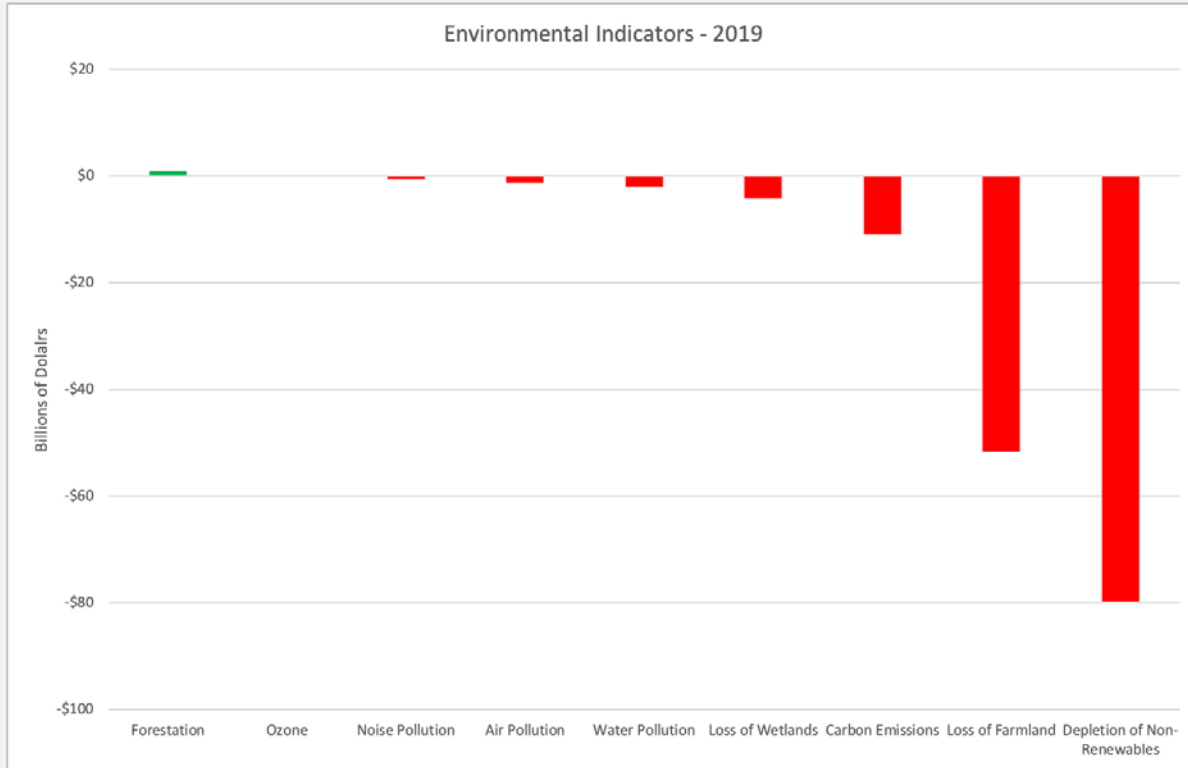
$$\text{GDP} = \text{C} + \text{I} + \text{G} + \text{NX}$$

$$\text{GPI} = \text{Economic} + \text{Environmental} + \text{Social}$$

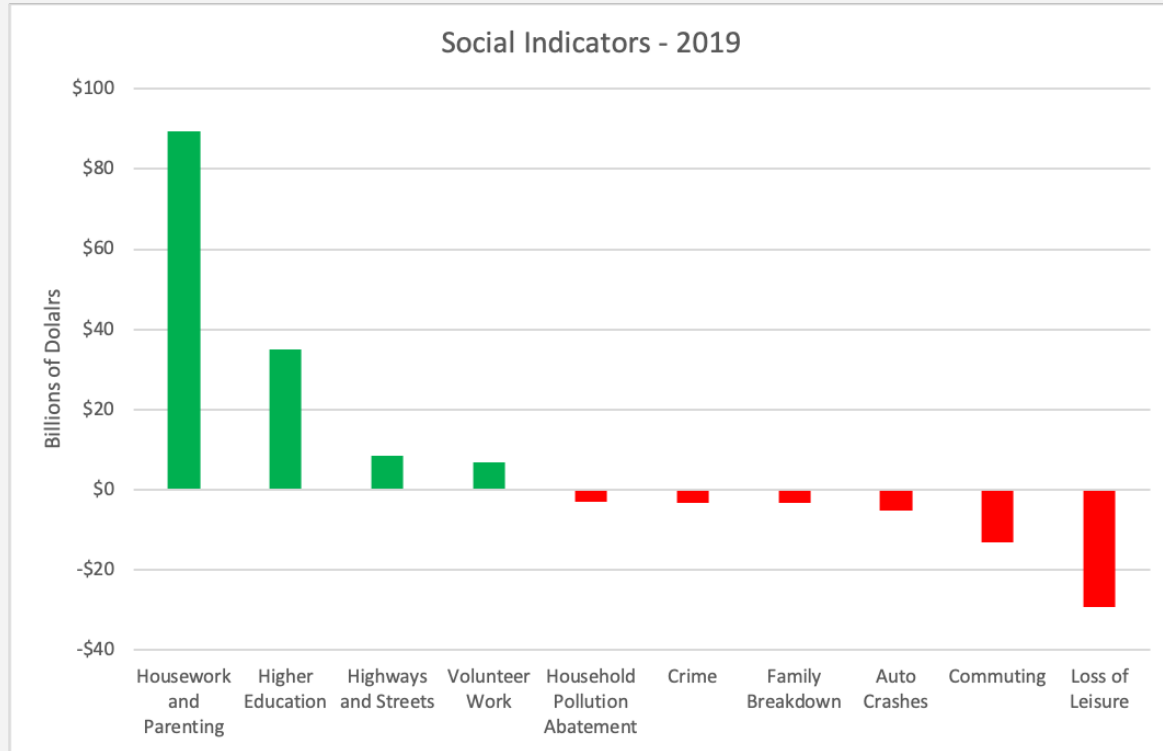
Economic

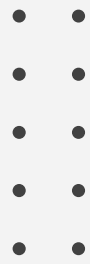


Environmental



Social





Slow growth

GPI grew less than 1 percent in 2019

Economic and social growth were low,
environmental damage increased

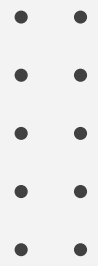
2020 data yet to be released



Trends

Nonrenewable depletion and carbon emissions on the rise

Value of housework and higher education on the rise



Questions?

Scioto Analysis

Economics | Public Policy



2020 CENSUS DATA

WHAT WE KNOW SO FAR

Regional Information & Data Group
August 4, 2021



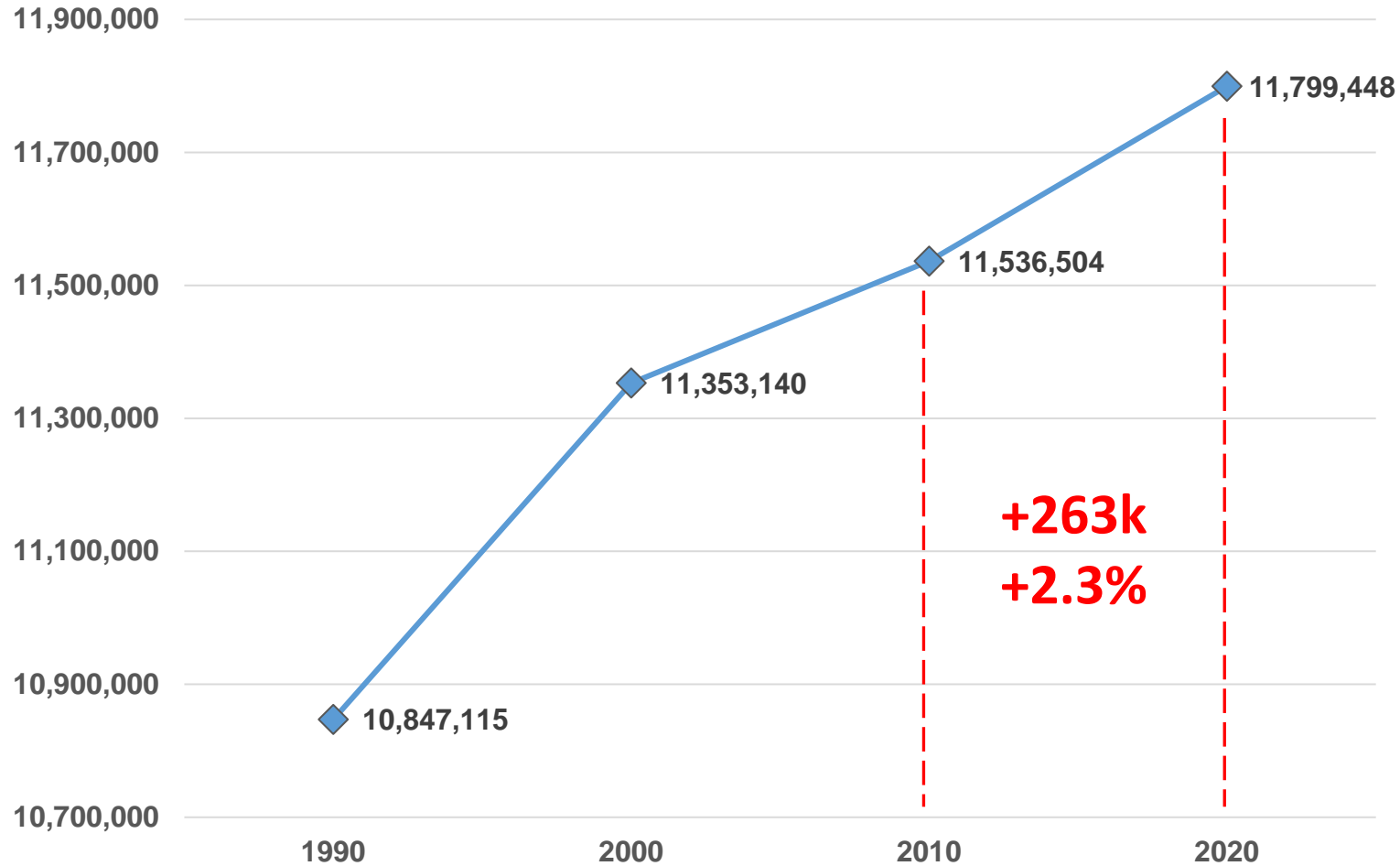
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What We Know So Far – Apportionment Results



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Ohio Resident Population 1990-2020



- Ohio's population grew more than expected from 2010 to 2020
 - 75% of growth due to natural increase (births)
 - 25% of growth due to positive net migration
- Was 1 of 7 states to lose a Congressional seat
 - What we anticipated
 - Losses mostly in the Midwest
 - Gains in the South & West

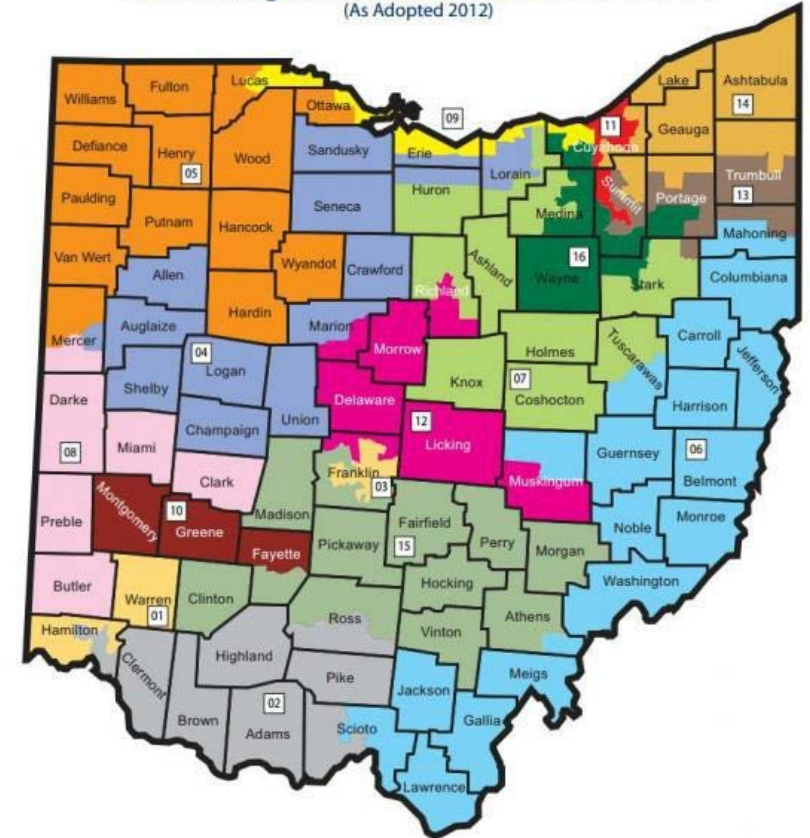
What to Look For Next & Key Considerations



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- Data products & release timeline
 - By August 16, 2021 – Redistricting data in “legacy format”
 - By September 30, 2021 – Redistricting data in user-friendly downloadable format
 - TBD 2022 – Demographic & Housing Characteristics (DHC) Files
- Disclosure avoidance *aka* DAS *aka* differential privacy
 - Still a lot of questions about practical impacts to certain groups/areas and implications for data analyses
- New Census geographic boundaries are available!!!

Ohio Congressional Districts 2012-2022
(As Adopted 2012)



What to Expect in the Redistricting Data

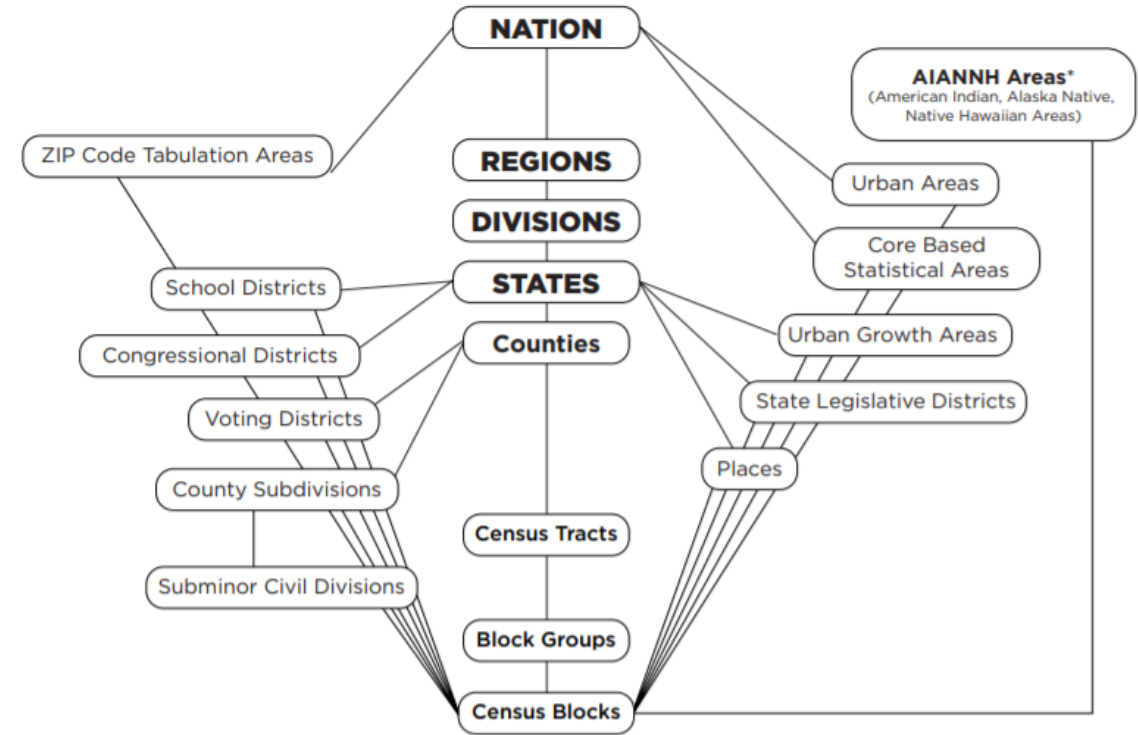


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- Geographies:
 - 85 geographies, or “summary levels”, including:
 - Counties
 - Census block groups and tracts
 - Places (incorporated)
 - School Districts
 - Most are geographies that are useful for redistricting
- Variables:
 - Population
 - By detailed race / ethnicities
 - Group quarters by type
 - Housing Units
 - Occupied and vacant housing units

More info can be found at: <https://www.census.gov/programs-surveys/decennial-census/about/rdo/summary-files.html>

Figure 2-1.
Standard Hierarchy of Census Geographic Entities



* Refer to the "Hierarchy of American Indian, Alaska Native, and Native Hawaiian Areas."

What to Expect in the Demographic and Housing Characteristics (DHC) Data



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- Less information has been published, but it has been likened to the summary files published in past decennial Censuses
 - More geographies
 - More variables
- Even less has been published on this, but there have also been references made to a Detailed Demographic and Housing Characteristics data file
 - We are monitoring the Census Bureau's communications to learn more

2010 Census Table Number	2020 Census Table Number	Title	Lowest Level of Geography Proposed for 2020	Proposed for Inclusion in 2020 DHC
P1.	P1.	TOTAL POPULATION	Block	Yes
P2.	P2.	URBAN AND RURAL	Block	Yes
P3.	P3.	RACE	Block	Yes
P4.	P4.	HISPANIC OR LATINO ORIGIN	Block	Yes
P5.	P5.	HISPANIC OR LATINO ORIGIN BY RACE	Block	Yes
P6.	P6.	RACE (TOTAL RACES TALLIED)	Block	Yes
P7.	PCO1.	HISPANIC OR LATINO ORIGIN BY RACE (TOTAL RACES TALLIED)	County	Yes
P8.	N/A	RACE	N/A	No

Disclosure Avoidance System / Differential Privacy



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- The Census Bureau has produced a set of metrics which show the average accuracy of certain variables and geographies (a few examples in the following slides)
- Test data will be published when the redistricting data are released (by August 16th, 2021)
 - Considering tests of the data in Central Ohio to understand local impacts to accuracy
- Some things we know about the accuracy of the redistricting data:
 - Census blocks (the smallest unit of statistical geography) will have the most noise and therefore the greatest inaccuracy
 - People and housing unit tables will be treated differently, so that it may not be possible to calculate things like people per household using the data

More info can be found at: <https://www.census.gov/programs-surveys/decennial-census/decade/2020/planning-management/process/disclosure-avoidance.html>

View the summary metrics here: <https://www2.census.gov/about/training-workshops/2021/2021-07-01-das-presentation.pdf>

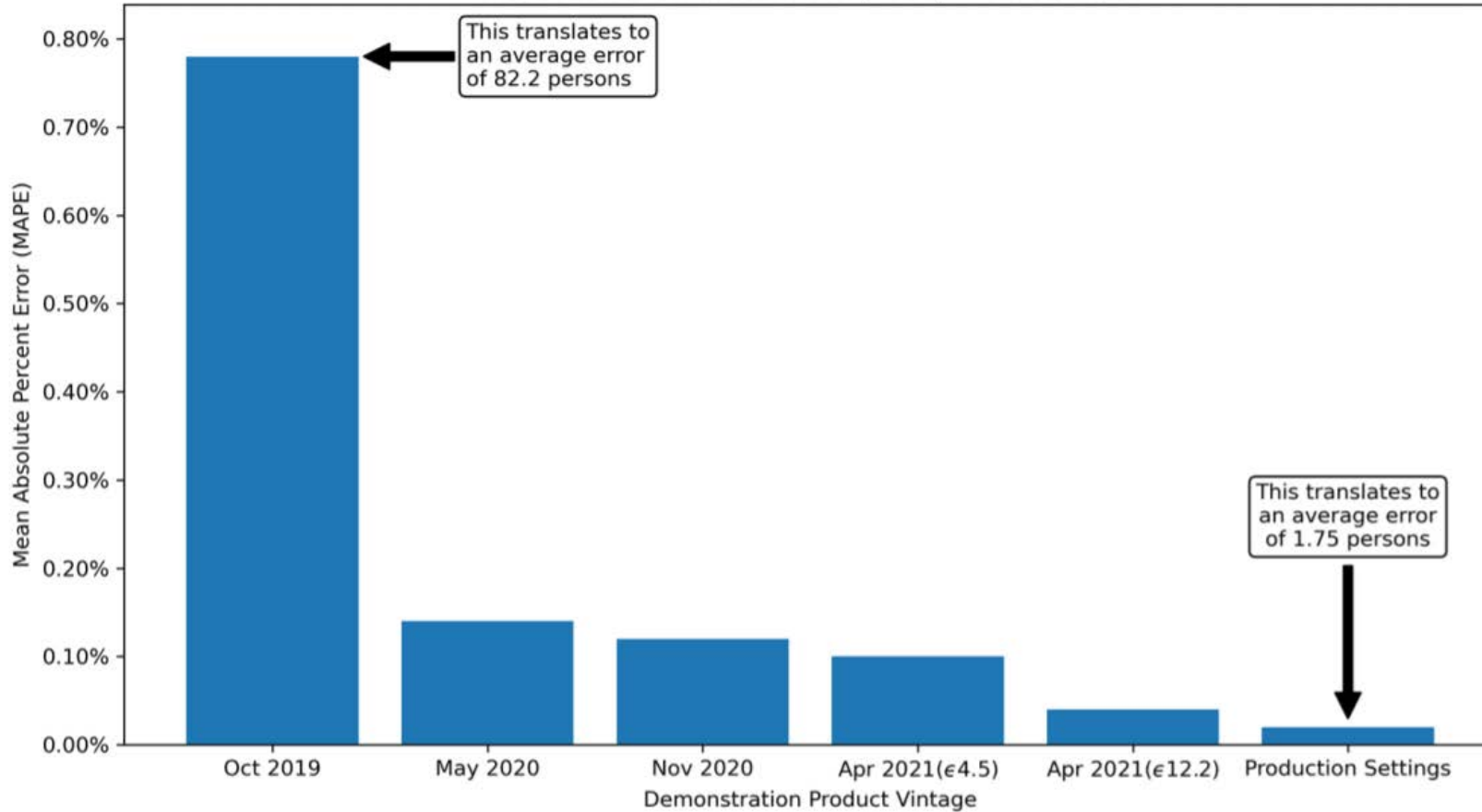
Disclosure Avoidance System / Differential Privacy

Total Population – County



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County Total Population:
Mean Absolute Percent Error (MAPE) — All Counties



SOURCE: U.S. Census Bureau

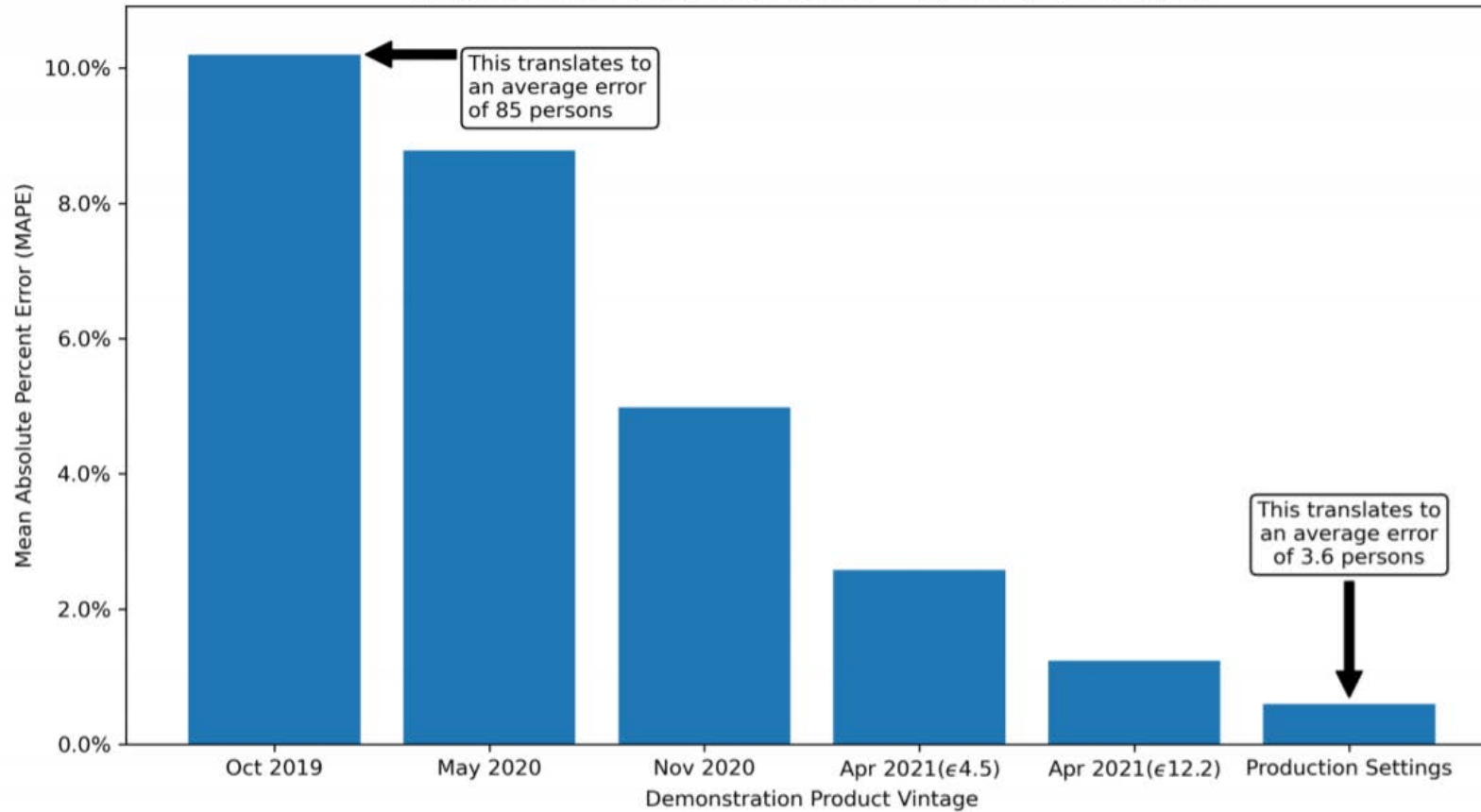
Disclosure Avoidance System / Differential Privacy

Total Population – Place



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Place Total Population:
Mean Absolute Percent Error (MAPE) — All Incorporated Places



SOURCE: U.S. Census Bureau

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