MiPAC

**Michigan Performance
Assessment Cadre**

CBE Assessment

Performance Assessment MA.5.3
Population Changes Within U.S. States
Grade 5

Student Booklet

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ACKNOWLEDGEMENTS

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STUDENT MATERIALS

DATA TABLE

State Chosen ___Florida___

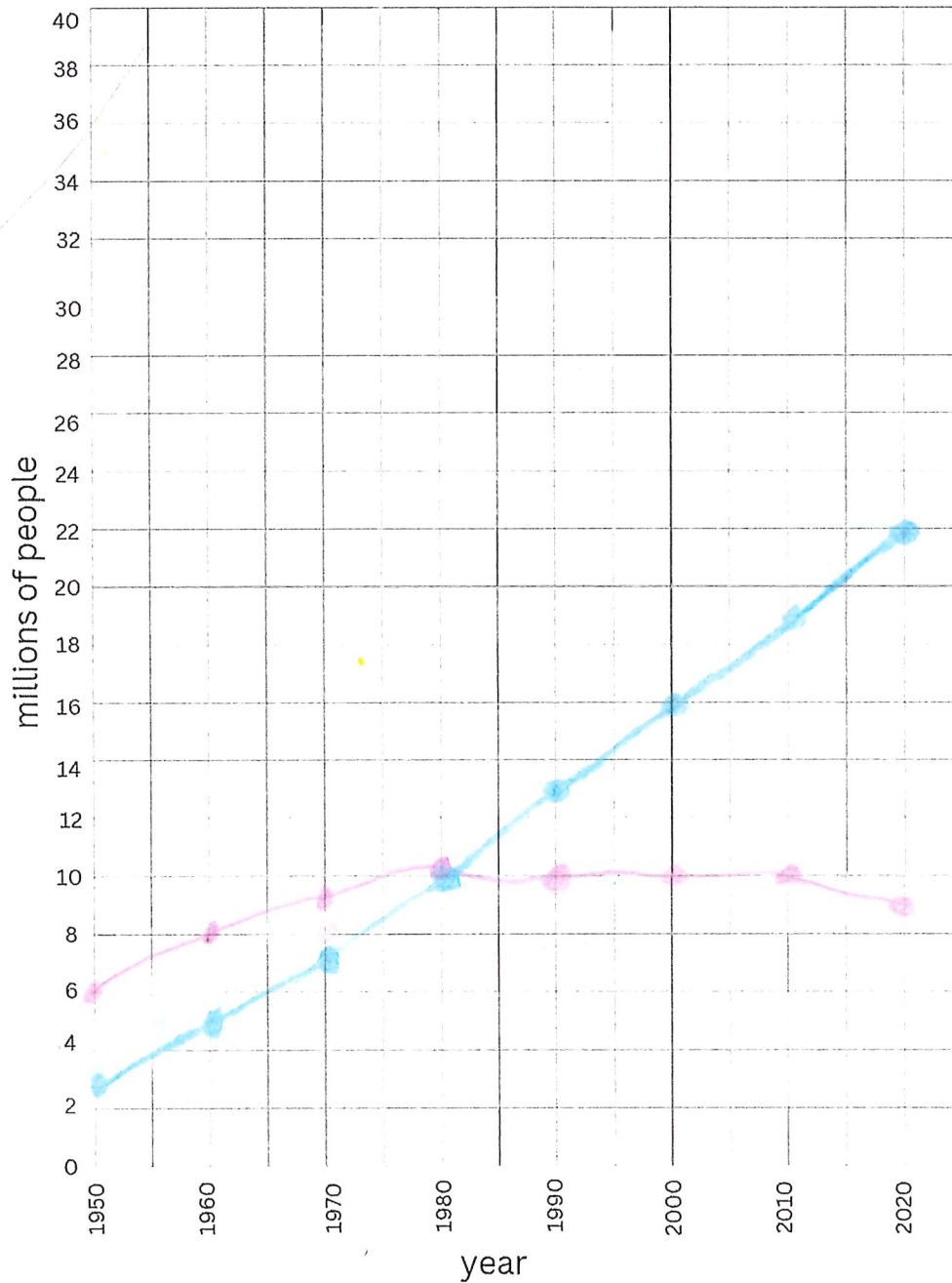Use the URL below to locate the population data for the state that you have chosen.

https://www.census.gov/library/visualizations/interactive/historical-apportionment-data-map.html

Record the population of the state you chose from 1950 to 2020, in increments of 10 years. Use the US Census website to find your data. Then answer the question beneath this table.

Year	Actual Population	Rounded Population	Rounded Population in Unit Form: ___ millions
1950	2,771,305	3,000,000	3
1960	4,951,560	5,000,000	5
1970	6,789,443	7,000,000	7
1980	9,746,324	10,000,000	10
1990	12,937,926	13,000,000	13
2000	15,982,378	16,000,000	16
2010	18,801,310	19,000,000	19
2020	21,538,187	22,000,000	22

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GRAPH

10

Florida and _Michigan_

(Insert state chosen on day 1) **(Insert other state name)**

millions of people

year

Michigan

Indicate colors used for each state:

State: _Florida_ Color _____

State _Michigan_ Color _____

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DATA ANALYSIS

1. Which year was the population highest? _2020_

2. Which year was the population lowest? _1950_

3. What was the population change between these years? _18,756,982 people_ (show your work)

$$21,528,187$$
$$- 2,771,305$$
$$18,756,982$$

$$18,756,982$$
$$+ 2,771,305$$
$$21,528,187$$

4. Describe the change in the data points (increasing and/or decreasing)?

Increased from 1950 to 2020

5. Explain the advantage of using rounded values rather than actual values in the graph above?

because the rounded number have less numbers than the actual number.

6. What do you predict the population will be in 2030? What evidence supports your prediction?

I predict the population will be 25 million in 2023. Because 1970 to 2020 it's going up by 3 million

COMPARISONS OF CENSUS DATA FROM TWO STATES

1. Which state you will call State 1 and which you will call State 2 for this comparison activity? Write the names of the states and the colors of the pencils or pens below.

   State 1 _Florida_   Color _Blue_

   State 2 _Michigan_   Color _Pink_

2. Do the graphs have common trends of increasing and/or decreasing within the same time periods?

   _✓_ Yes

   ___ No

3. How are the graphs similar?

   increasing

4. Are there any data points or increases/decreases that are remarkably different? If so, how?

   One is increasing faster than the other one.

5. How do you predict the populations of these two states will change by 2030?

   the two states are going to increasing

6. Are the two states' populations getting closer in value to each other, or farther apart from each other?

   farther apart from each other

REFLECTION

Write your responses to each of the following reflection questions:

1. What did you learn about the state that you researched that stood out or was surprising?

   When i researched the state it was surprising because of how high it was,

2. How confident are you in your answers, why?

   I am very confident in my answers because i did my best

3. What did you learn about the other state from your partner?

   the population increased then decreased,

4. What was the greatest challenge within this assessment, what did you do to overcome the challenge?

   nothing was challenging