

Painting A Picture of Child Equity in Palm Beach County

USING THE CHILD OPPORTUNITY INDEX AND CDC LIFE EXPECTANCY DATA



Child Equity Is

“All children have a fair and equal chance of achieving healthy development. Inequity exists when we observe differences that can be traced to unequal social and economic conditions that are systematic and avoidable and therefore inherently unfair”.

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The Child Opportunity Index: Measuring and mapping neighborhood-based opportunities for U.S. children

Diversitydatakids.org

Kirwin Institute for the Study of Race and Ethnicity

The Child Opportunity Index is

“Measure that seeks to capture the many neighborhood conditions and resources that influence child health and development. The COI incorporates 19 individual indicators organized into three domains: educational opportunity, health and environment opportunity and economic opportunity”.

These domains roll up into an overall Child Opportunity Index rating applied to every census tract across 100 metropolitan areas in the US.

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The Child Opportunity Index: Measuring and mapping neighborhood-based opportunities for U.S. children

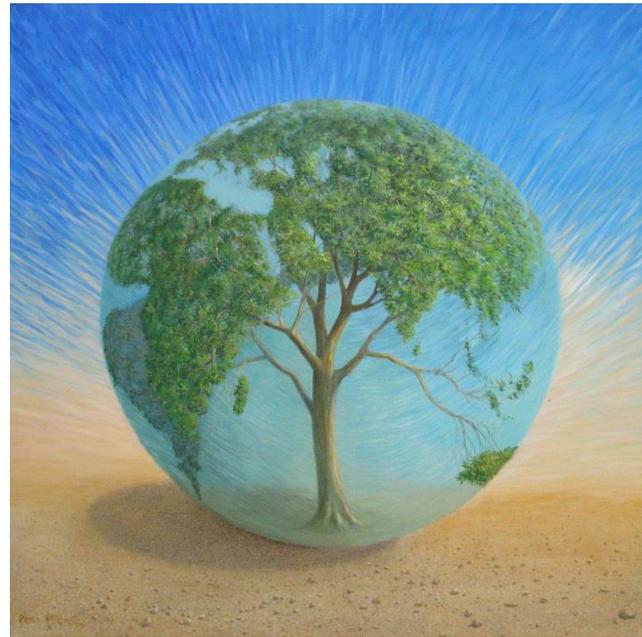
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Overall Child Opportunity Index



+



+



Education Opportunity

+

Health-Environment Opportunity

+

Social-Economic Opportunity

Census Tracts in a Metropolitan Area are Ranked and Sorted

Each tract has an opportunity index score. The tracts across a metro area are rank-ordered and divided into quintiles. (Fifths) Each level is then labeled (for both the overall index and the three domain indices) as very low, low, moderate, high and very high. Very High represents the top 20% of the scores, very low the bottom 20%.

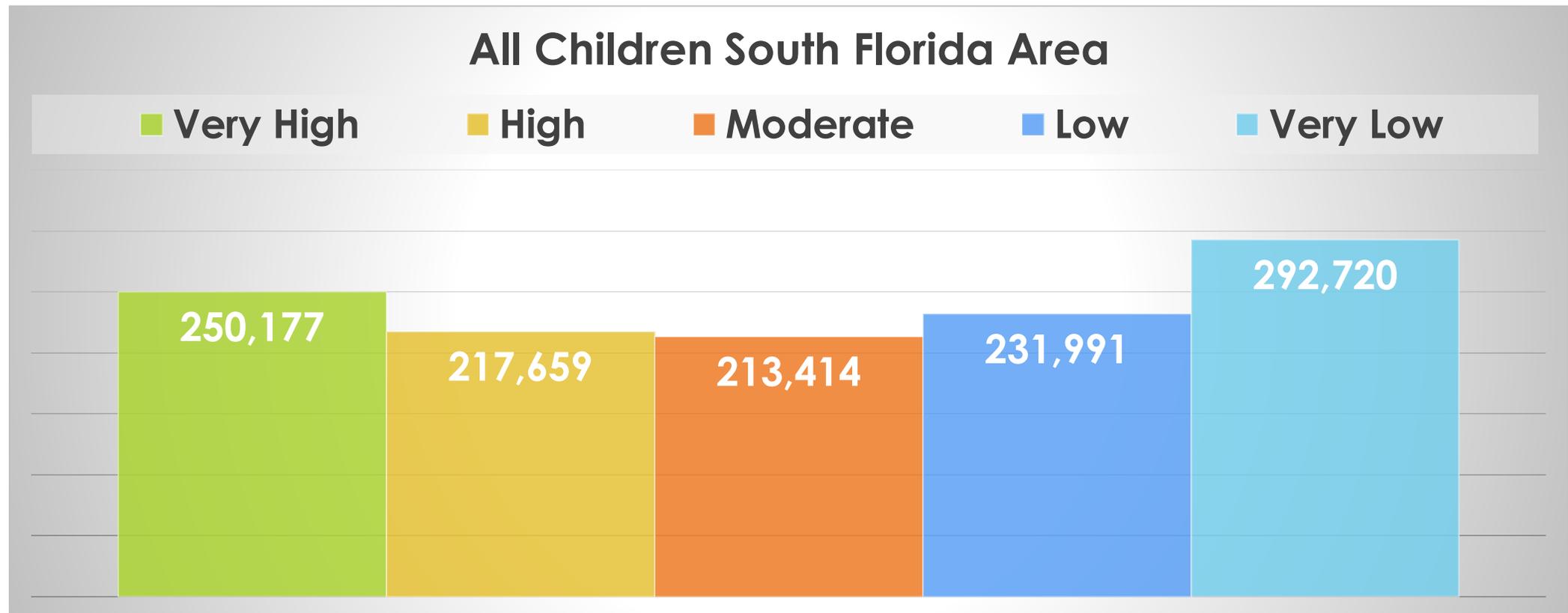
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The Child Opportunity Index: Measuring and mapping neighborhood-based opportunities for U.S. children

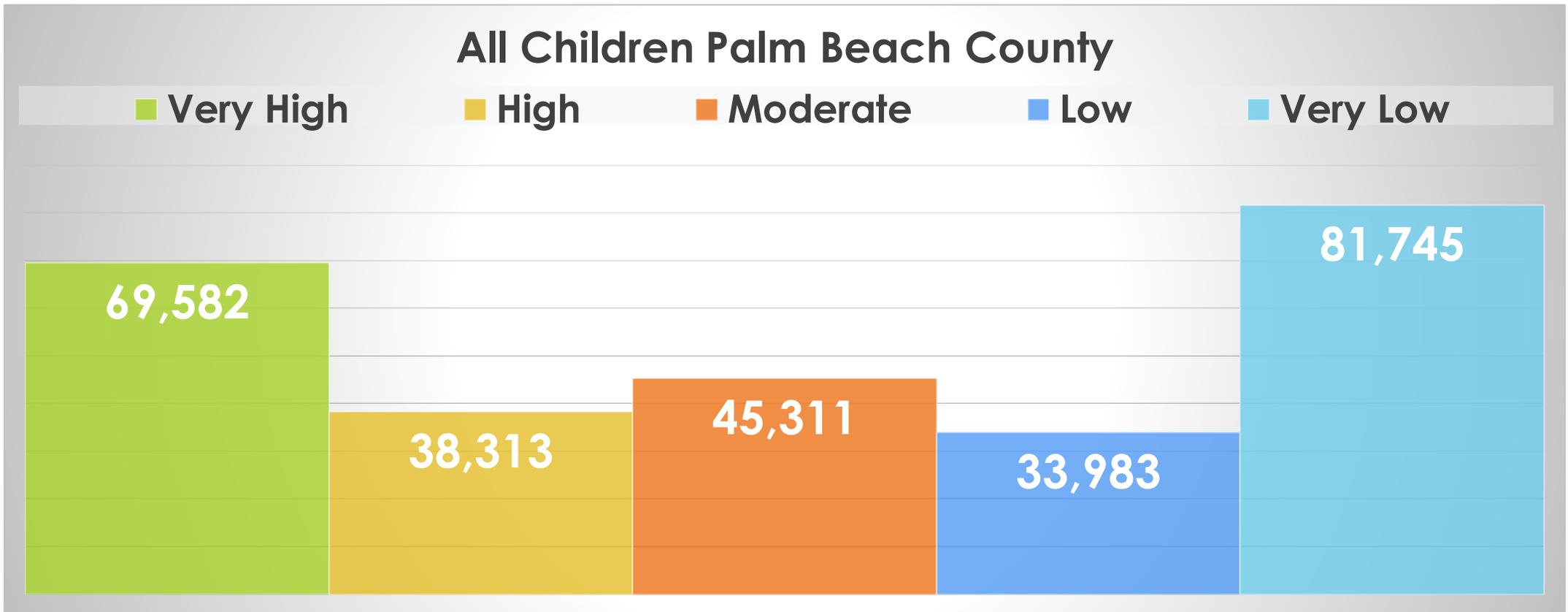
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Overall Child Opportunity Index-South Florida Area



Overall Child Opportunity Index Palm Beach County



Overall Child Opportunity Index Palm Beach County

Black Child Population Palm Beach County

Very High

High

Moderate

Low

Very Low

4,524

5,051

10,865

11,132

35,504



Overall Child Opportunity Index Palm Beach County

Hispanic Child Population Palm Beach County

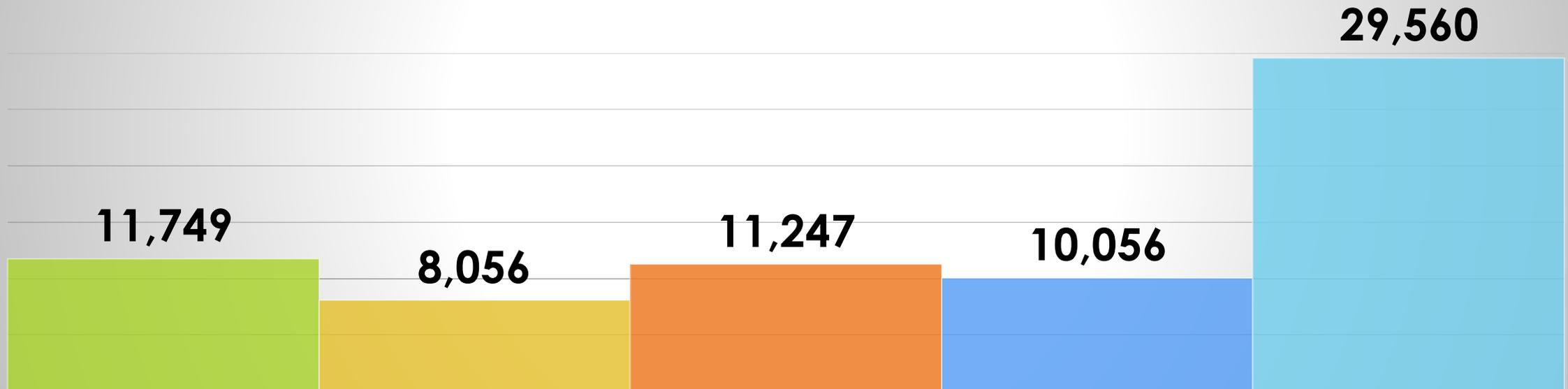
Very High

High

Moderate

Low

Very Low



Overall Child Opportunity Index Palm Beach County

White Child Population Palm Beach County

Very High

High

Moderate

Low

Very Low

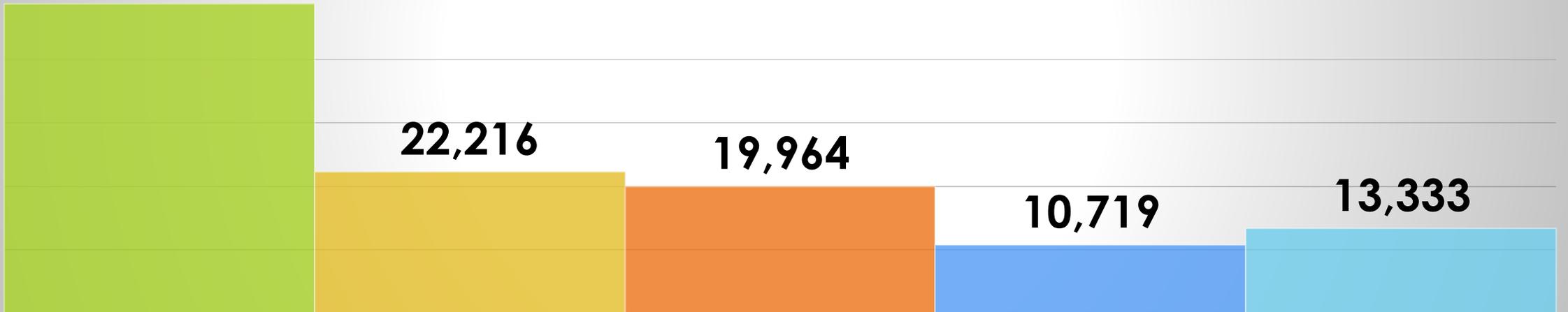
48,767

22,216

19,964

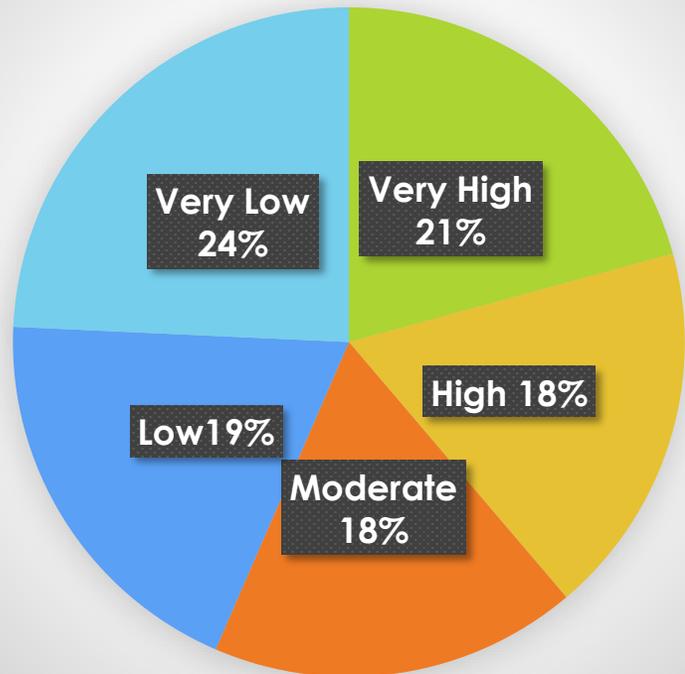
10,719

13,333

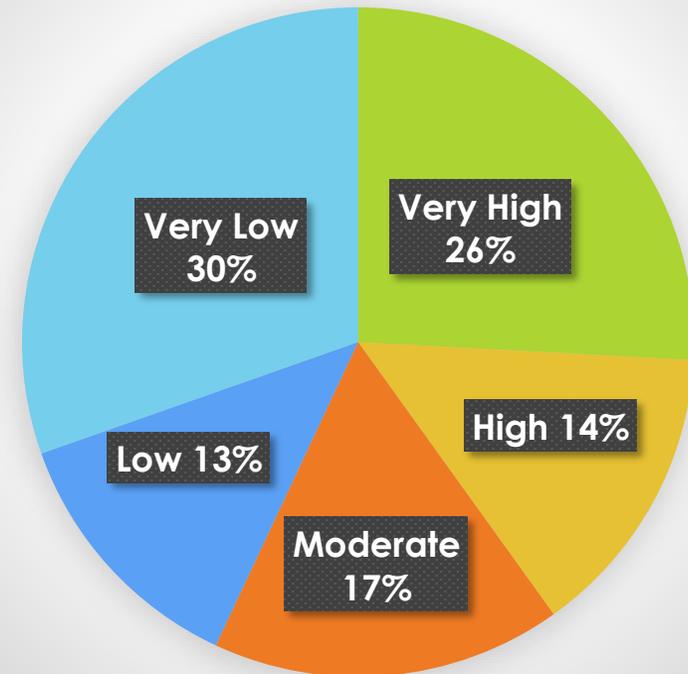


Overall Child Opportunity Comparison

Dade-Broward-Palm Beach

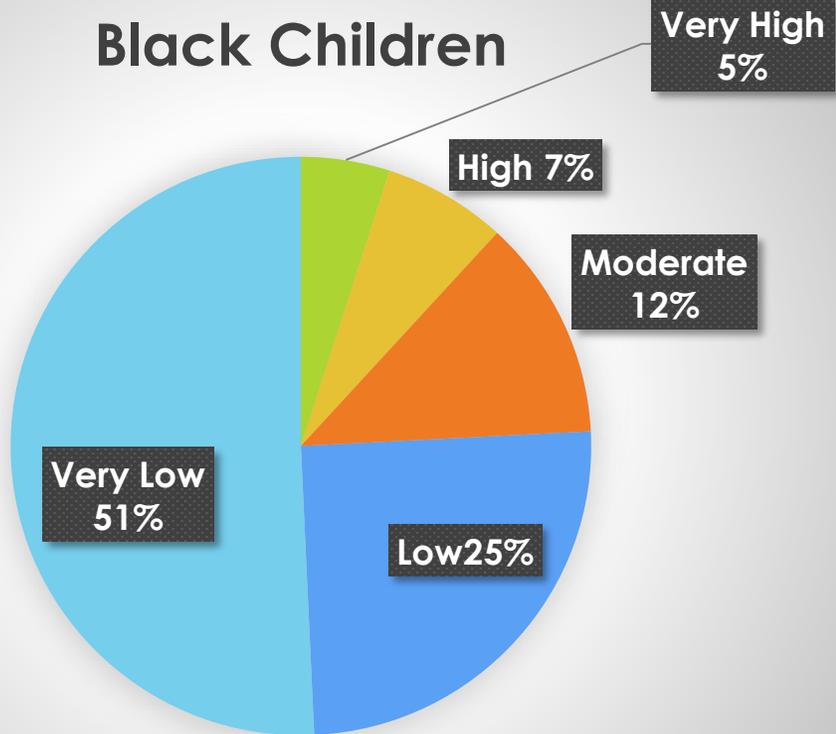


Palm Beach

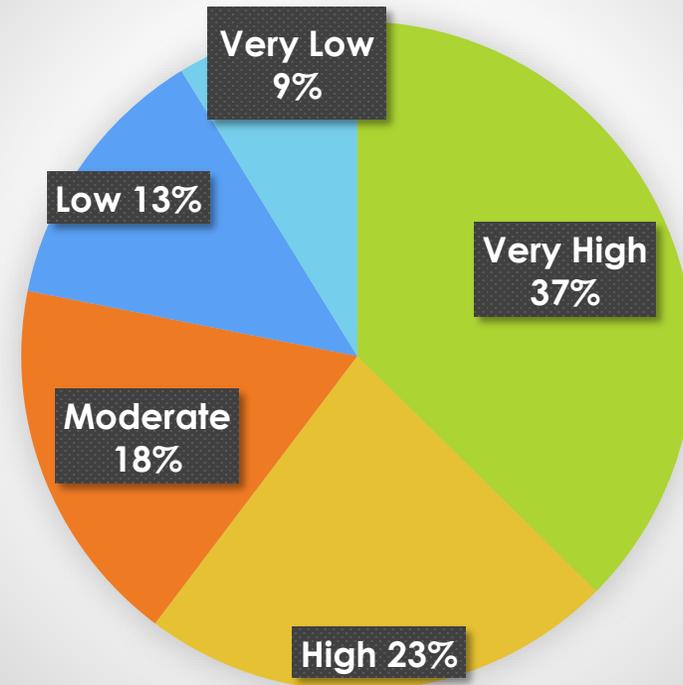


Overall Child Opportunity Index By Race South Florida Area

Black Children

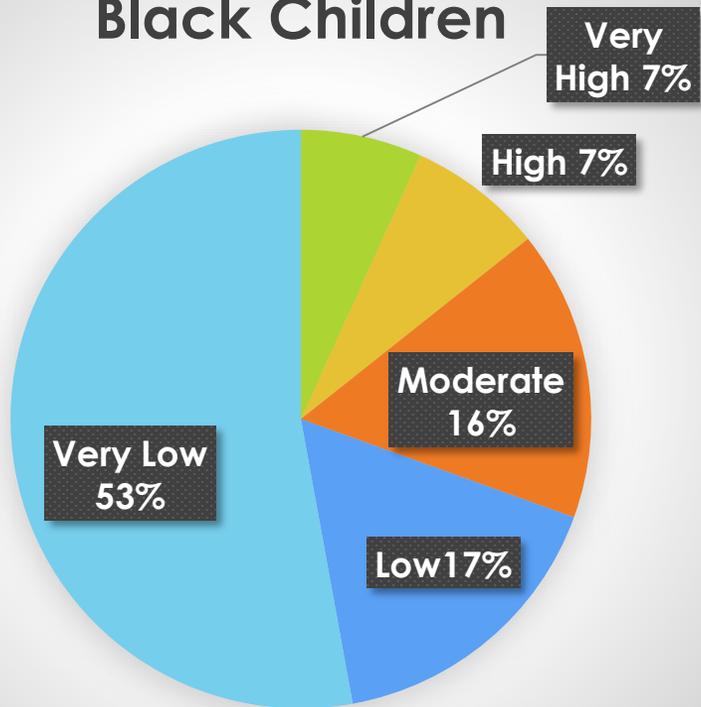


White Children

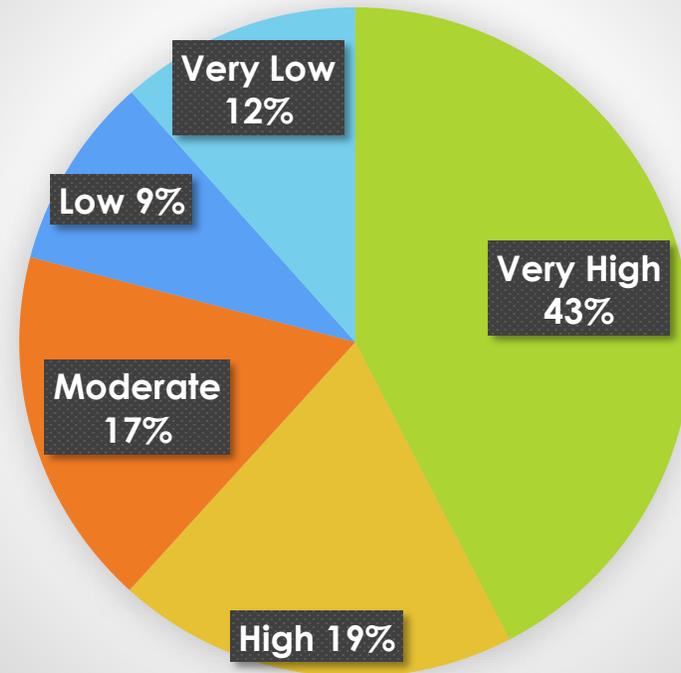


Overall Child Opportunity Index Palm Beach County

Black Children



White Children



Equity Measure 1: Proportion of Children in Very Low and Very High Neighborhoods by Race/Ethnicity

7%

- Percentage of black children living in Very High Opportunity neighborhoods in Palm Beach County

43%

- Percentage of white children living in Very High Opportunity neighborhoods in Palm Beach County

53%

- Percentage of black children living in Very Low Opportunity neighborhoods in Palm Beach County

12%

- Percentage of white children living in Very Low Opportunity neighborhoods in Palm Beach County

Equity Measure 2: Ratio of proportion of minority and white children in very low and very high opportunity neighborhoods, Palm Beach

4.6

- Black children are 4.6 times more likely than white children to live in very low opportunity neighborhoods

3.6

- Hispanic children are 3.6 times more likely than white children to live in very low opportunity neighborhoods

6.3

- White children are 6.3 times more likely than black children to live in very high opportunity neighborhoods

2.5

- White children are 2.5 times more likely than hispanic children to live in very high opportunity neighborhoods

Equity Measure 2: Ratio of proportion of minority and white children in very low and very high opportunity neighborhoods, South Florida

5.8

- Black children are 5.8 times more likely than white children to live in very low opportunity neighborhoods

2.7

- Hispanic children are 2.7 times more likely than white children to live in very low opportunity neighborhoods

7.6

- White children are 7.6 times more likely than black children to live in very high opportunity neighborhoods

1.9

- White children are 1.9 times more likely than hispanic children to live in very high opportunity neighborhoods

South Florida and Palm Beach Ranked on Equity Measures in Relation to 100 Largest Metro Areas in USA

76 of 100

- With 50.8% of black children living in very low opportunity neighborhoods, the South Florida area ranks 76 out of 100 on this COI equity measure

42 of 71

- With 8.8% of white children in very low opportunity neighborhoods, the South Florida area ranks 42 out of 71 on this COI equity measure

79 of 100

- With 52.8% of black children living in very low opportunity neighborhoods, Palm Beach would rank 79 out of 100 on this COI equity measure

26 of 71

- With 11.5% of white children living in very low opportunity neighborhoods, Palm Beach would rank 26 out of 71 on this COI equity measure

Local Equity Measures Ranked in Relation to 100 biggest Metro Areas in U.S.

75 of 80

- With 37.4% of white children living in very high opportunity neighborhoods, the South Florida area ranks 75 out of 80 on this COI equity measure

63 of 71

- With 4.4% of black children living in very high opportunity neighborhoods, the South Florida area ranks 63 out of 71 on this COI equity measure

78 of 80

- With 42.4% of white children living in very high opportunity neighborhoods, Palm Beach would rank 78 out of 80 on this COI equity measure

50 of 71

- With 6.7% of black children living in very high opportunity neighborhoods, Palm Beach would rank 50 out of 71 on this COI equity measure

Dissimilarity Index for Minority Children in South Florida Area

Dissimilarity Index

- The Dissimilarity Index is a measure of segregation that describes the evenness with which children of one racial/ethnic group are spread across neighborhoods (census tracts) in a geographic area (e.g. a metropolitan area), with respect to another racial/ethnic group. The Index ranges from 0% to 100% with higher values reflecting higher levels of segregation

207 of 246

- **67.9% of Black children would have to relocate to another neighborhood in order for the racial composition of each neighborhood to mirror the racial composition of the South Florida area as a whole. The South Florida area ranks 207 of 246 on this U.S. Census Bureau index.**

185 of 244

- **48.9% of Hispanic children would have to relocate to another neighborhood in order for the racial composition of each neighborhood to mirror the racial composition of the South Florida area as a whole. The South Florida area ranks 185 of 244 on this U.S. Census Bureau index.**

Exposure Index: Neighborhood Segregation in South Florida Area

Exposure

- Exposure is a segregation measure reflecting the degree of potential contact, or the possibility of interaction, between members of two racial/ethnic groups in settings (e.g. schools, neighborhoods) within a geographic area (e.g. a metropolitan area)

231 of 259

- White children in the South Florida area, on average, have a 46% exposure rate to minority children in their neighborhoods, schools etc. The South Florida area ranks 231 out of 259 on this U.S. Census Bureau index

62 of 165

- Black children in the South Florida area, on average, have a 13.1% exposure rate to white children in their neighborhoods, schools etc. The South Florida area ranks 62 out of 165 on this U.S. Census Bureau index.

The Neighborhood Life Expectancy Project is

The U.S. Small-area Life Expectancy Estimates Project (USALEEP) is a partnership of National Center for Health Statistics, the Robert Wood Johnson Foundation and the National Association for Public Health Statistics and Information Systems to produce a new measure of health for where you live. The USALEEP project produced estimates of life expectancy at birth—the average number of years a person can expect to live—for most of the census tracts in the United States for the period 2010-2015.

<https://www.cdc.gov/nchs/nvss/usaleep/usaleep.html>

Equity Measure 3: Life Expectancy Correlated to Overall Child Opportunity in Palm Beach County

**AVERAGE LIFE EXPECTANCY AT BIRTH-OVERALL CHILD
OPPORTUNITY**





Child Opportunity Index and Life Expectancy in Palm Beach County by sub-Indices

**HEALTH AND ENVIRONMENT, EDUCATION AND SOCIO-
ECONOMIC OPPORTUNITY**

Health and Environment Child Opportunity Index Palm Beach County

Total Child Population Palm Beach County

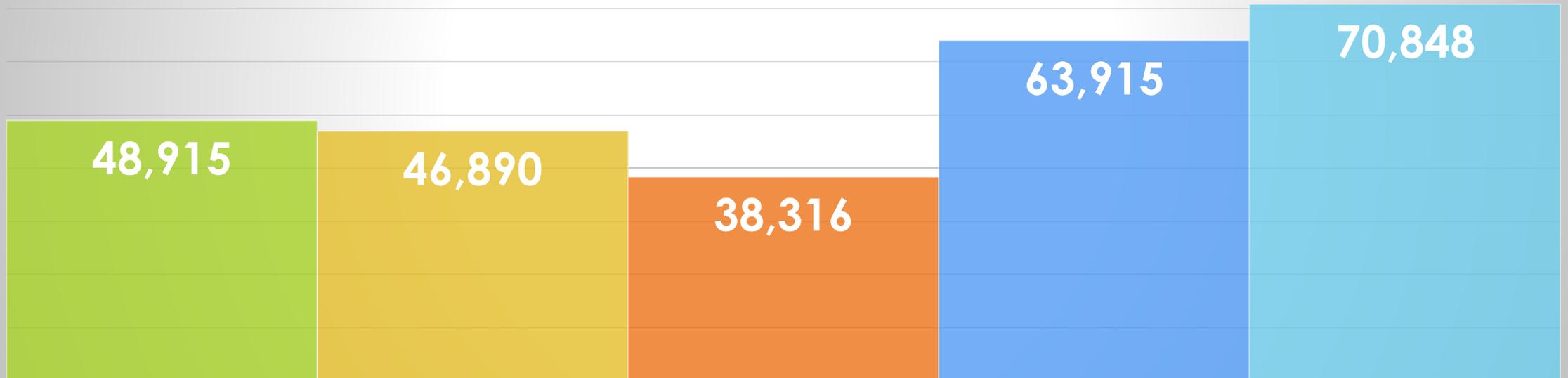
Very High

High

Moderate

Low

Very Low



Health and Environment Child Opportunity Index Palm Beach County

Black Child Population Palm Beach County

Very High

High

Moderate

Low

Very Low

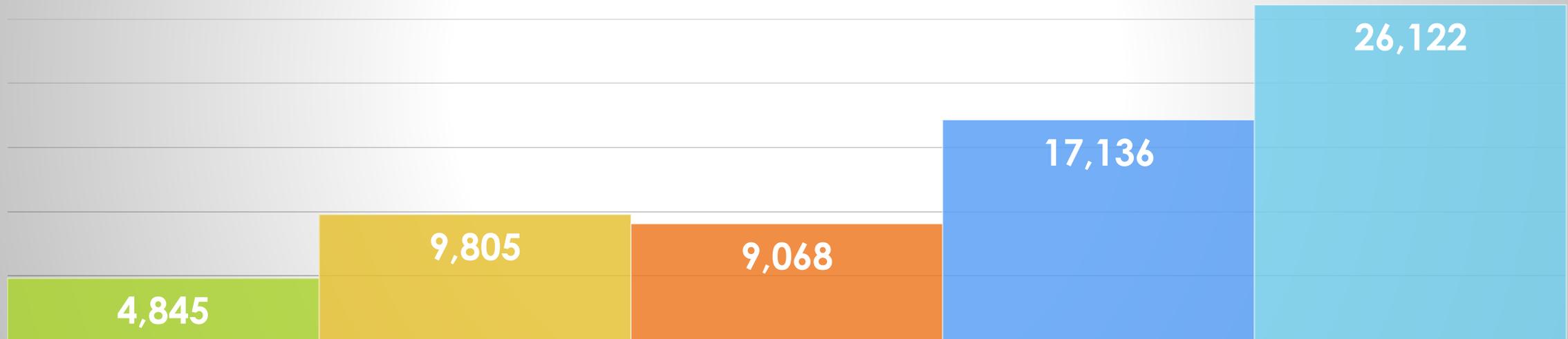
4,845

9,805

9,068

17,136

26,122



Health and Environment Child Opportunity Index Palm Beach County

Hispanic Child Population Palm Beach County

Very High

High

Moderate

Low

Very Low

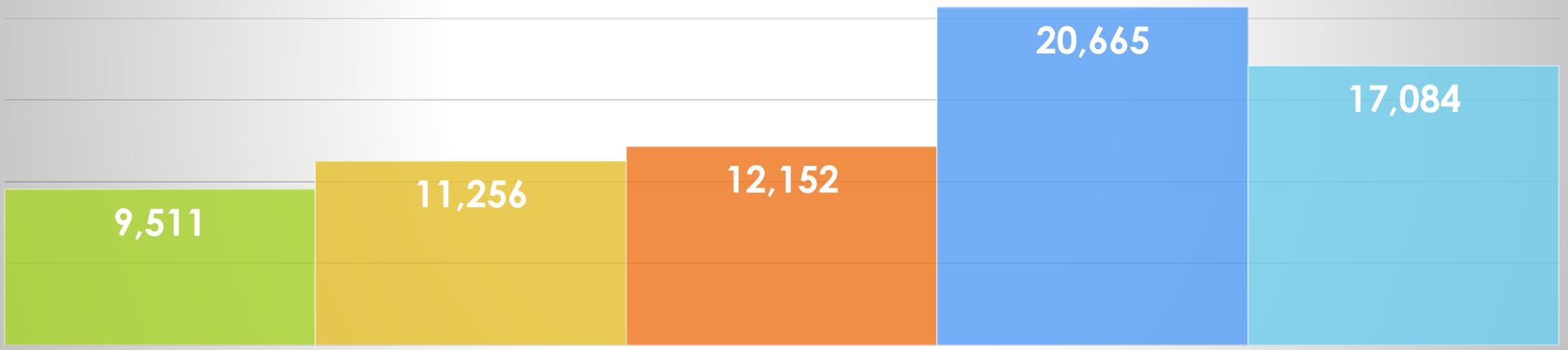
9,511

11,256

12,152

20,665

17,084



Health and Environment Child Opportunity Index Palm Beach County

White Child Population Palm Beach County

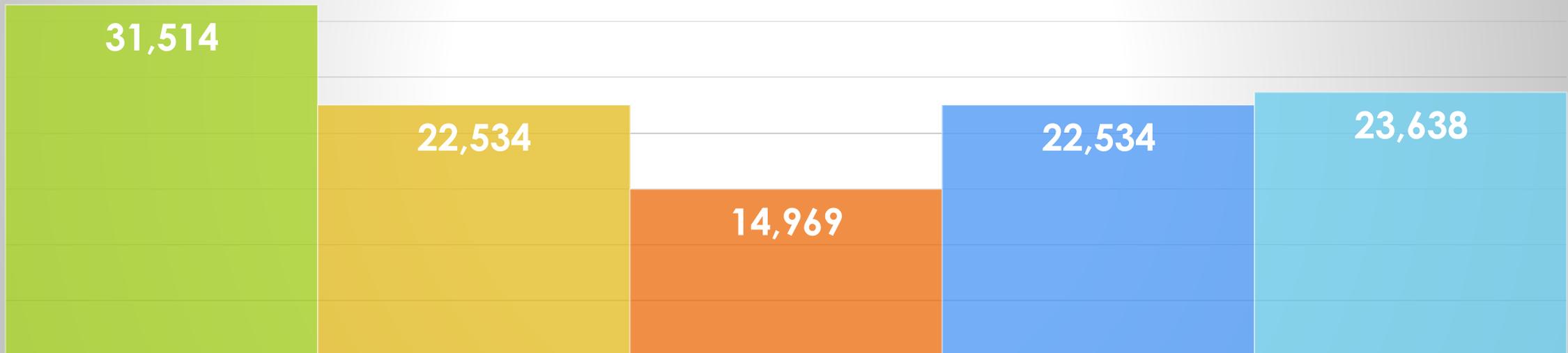
Very High

High

Moderate

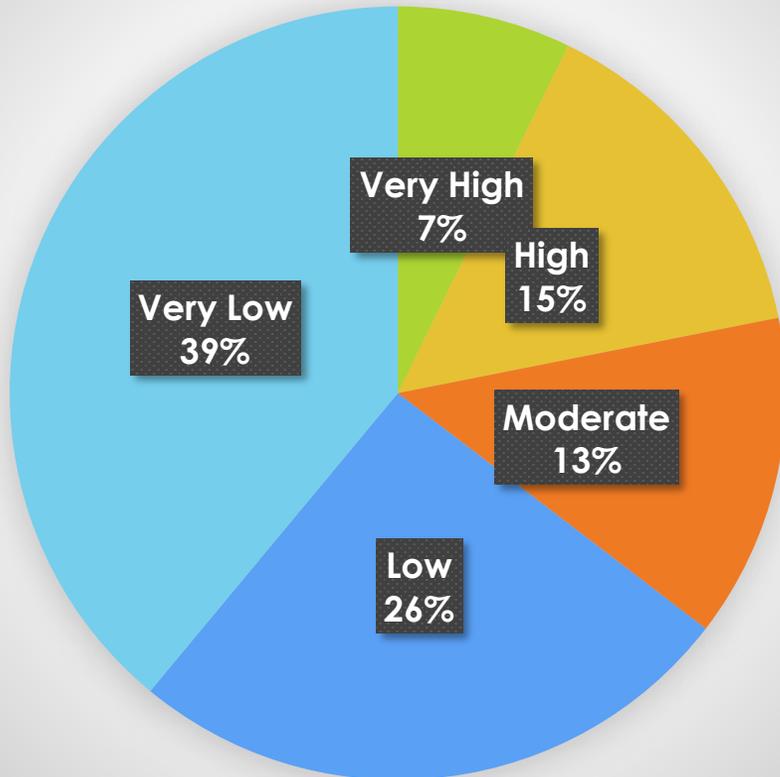
Low

Very Low

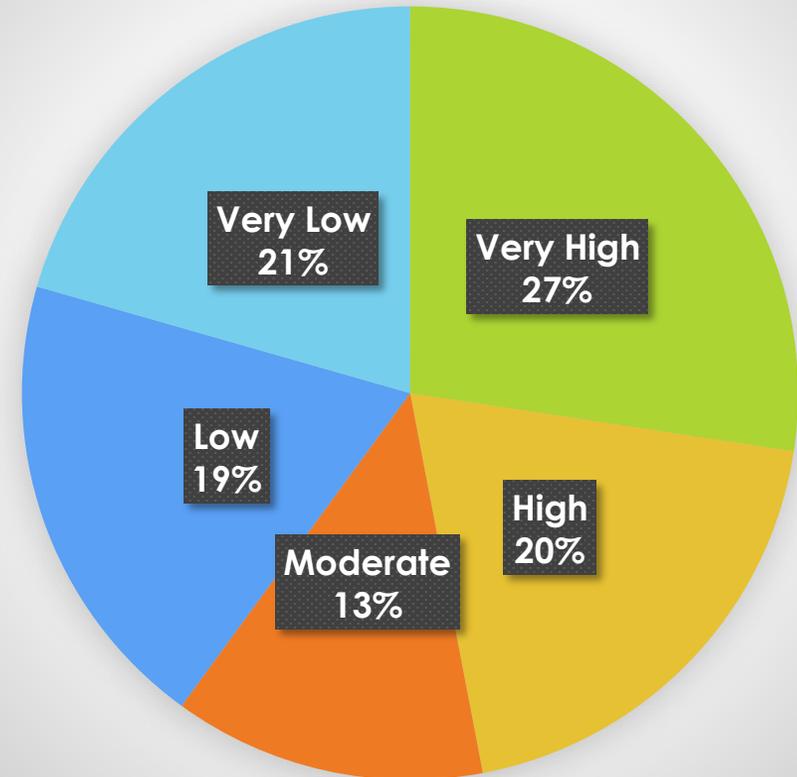


Health and Environment Index Palm Beach County

Black Children

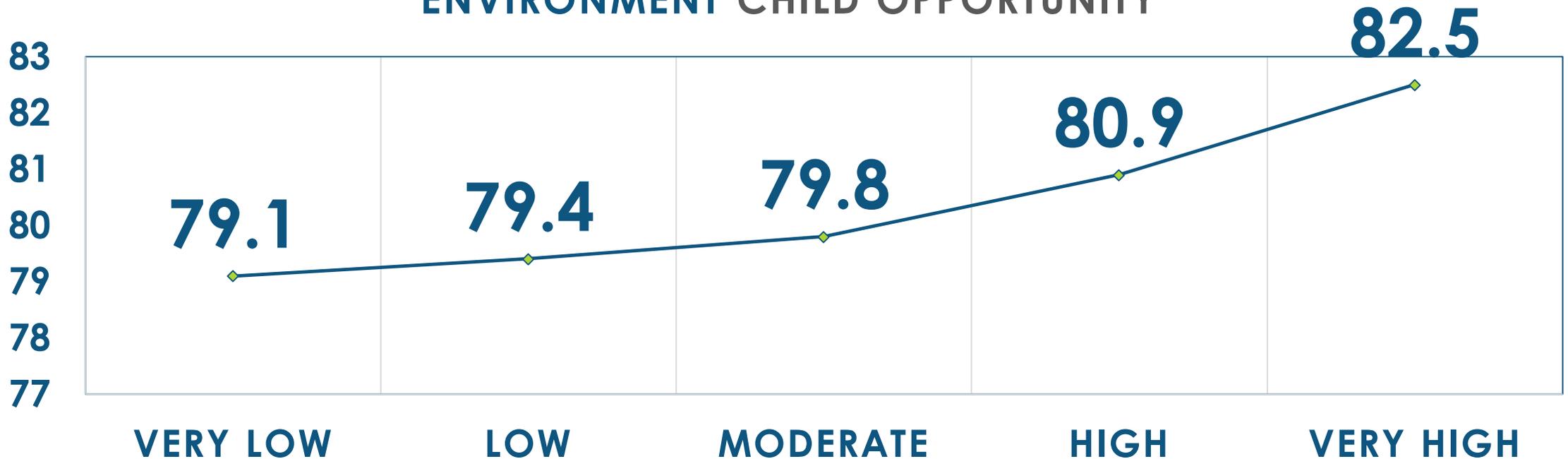


White Children



Life Expectancy Correlated to Health and Environment Child Opportunity in Palm Beach County

AVERAGE LIFE EXPECTANCY AT BIRTH-HEALTH AND ENVIRONMENT CHILD OPPORTUNITY



Education Child Opportunity Index Palm Beach County

Total Child Population Palm Beach County

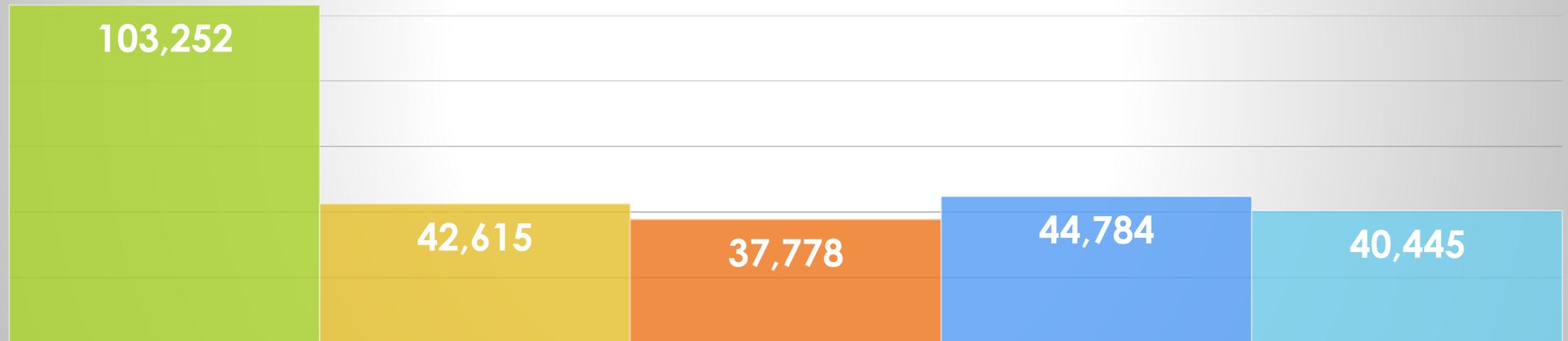
Very High

High

Moderate

Low

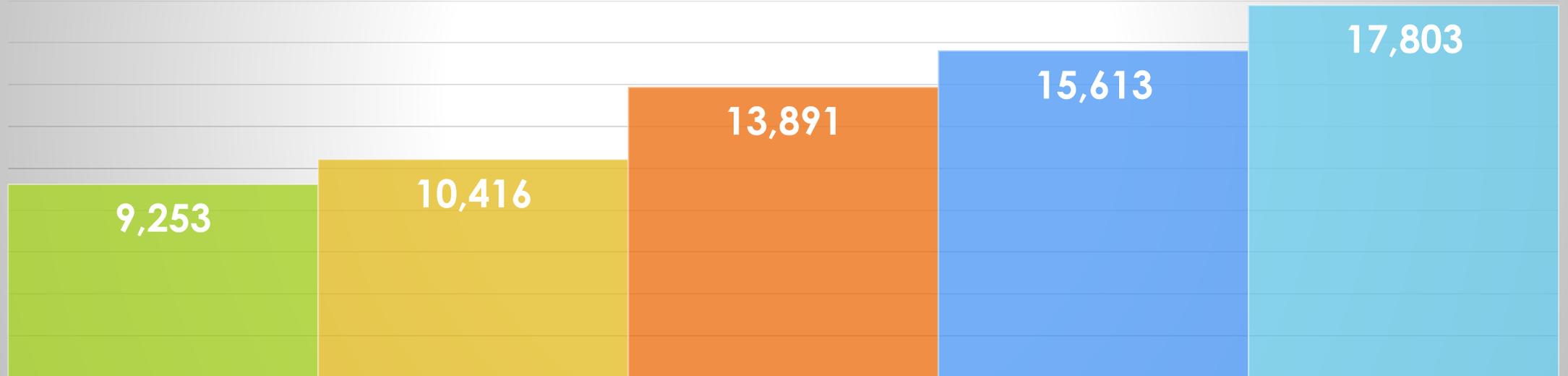
Very Low



Education Child Opportunity Index Palm Beach County

Total Black Child Population Palm Beach County

■ Very High ■ High ■ Moderate ■ Low ■ Very Low



Education Child Opportunity Index Palm Beach County

Hispanic Child Population Palm Beach County

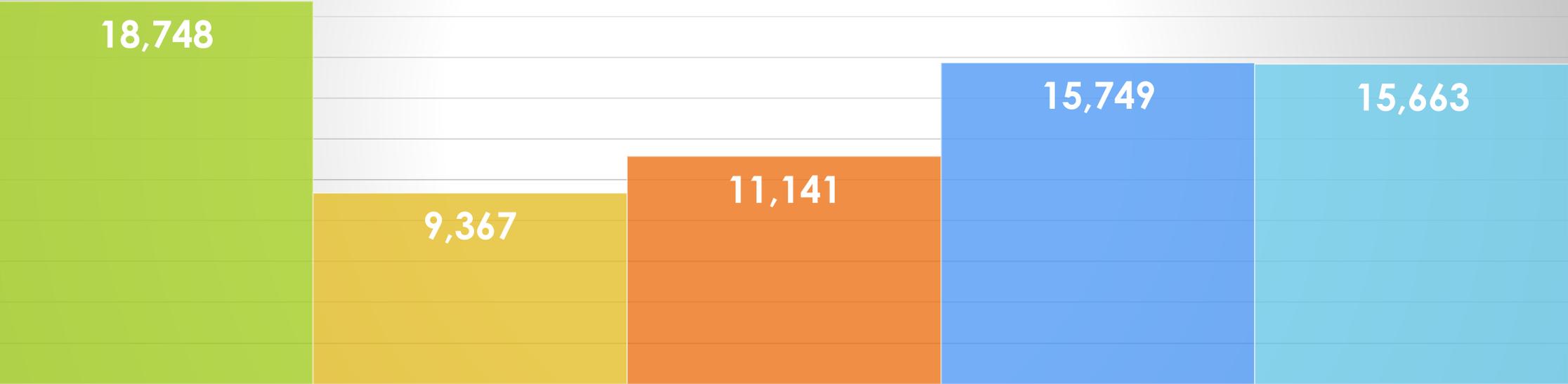
Very High

High

Moderate

Low

Very Low



Education Child Opportunity Index Palm Beach County

White Child Population Palm Beach County

Very High

High

Moderate

Low

Very Low

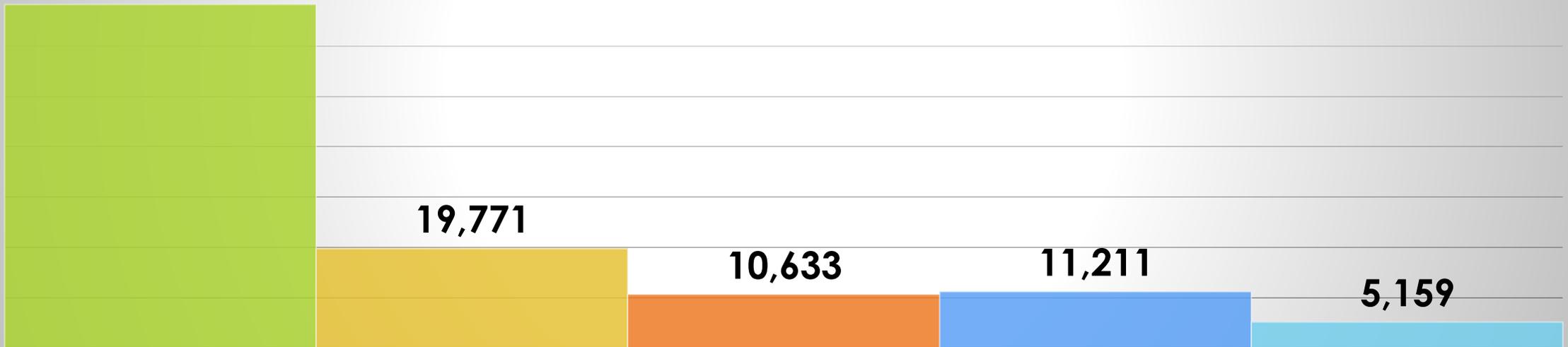
68,225

19,771

10,633

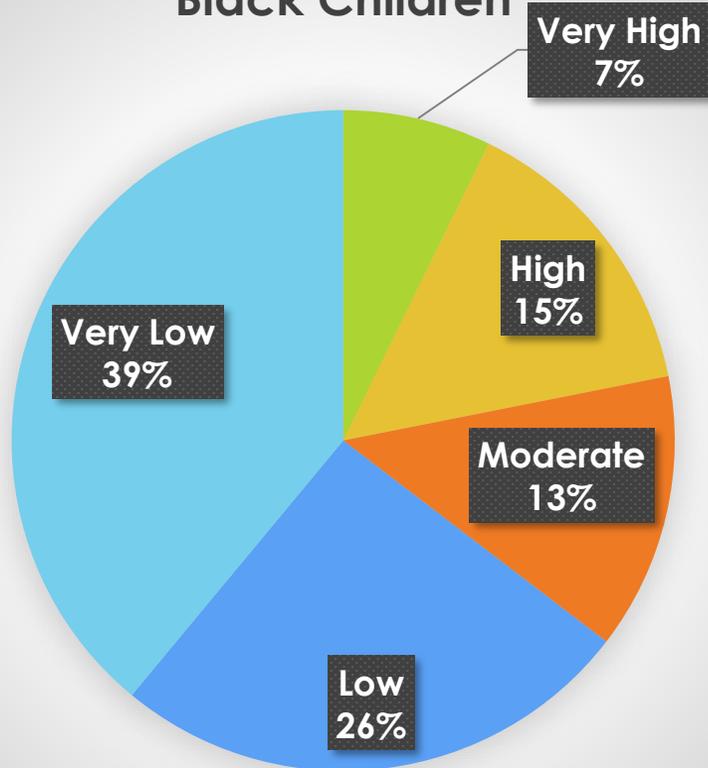
11,211

5,159

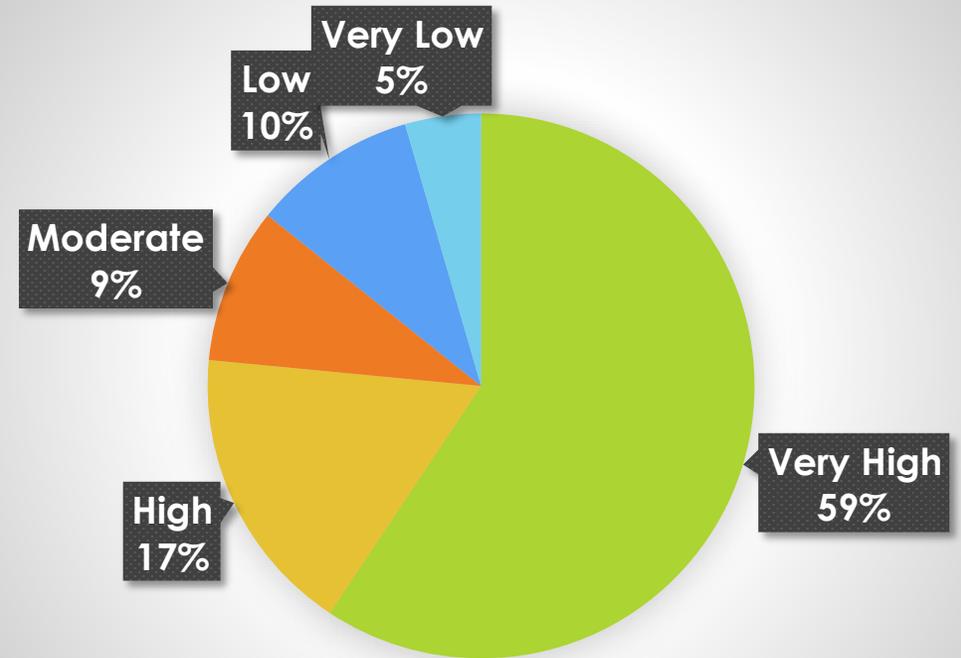


Education Child Opportunity Index Palm Beach County

Black Children

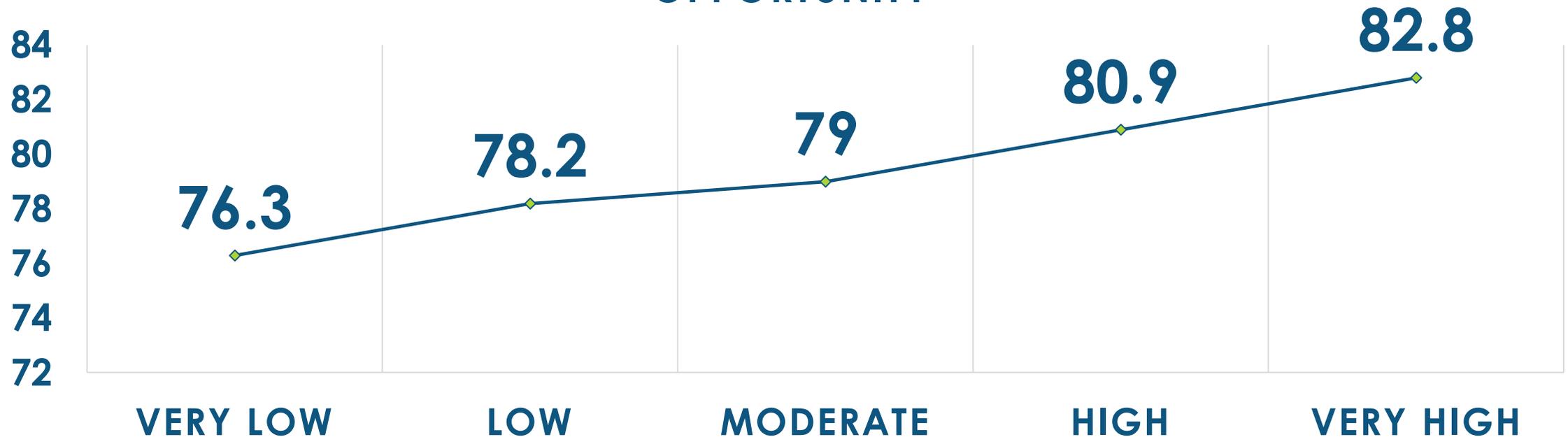


White Children

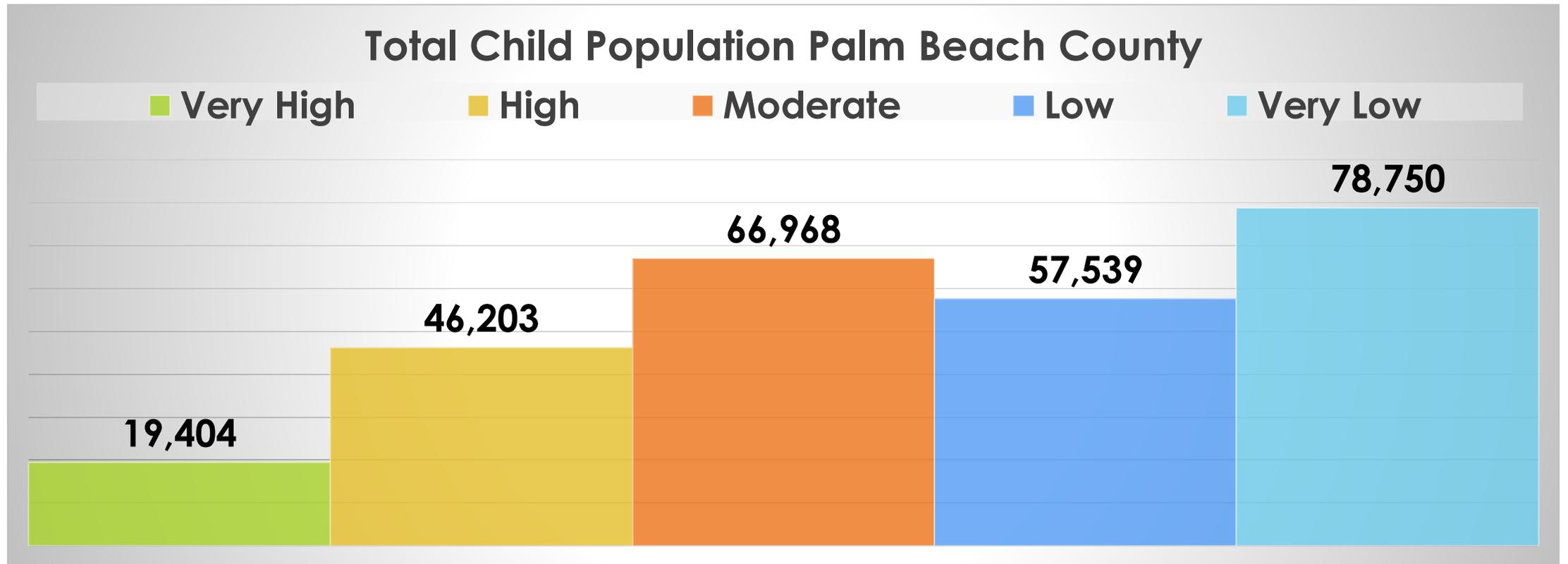


Life Expectancy Correlated to Education Child Opportunity in Palm Beach County

AVERAGE LIFE EXPECTANCY AT BIRTH-EDUCATION CHILD OPPORTUNITY



Socio-Economic Child Opportunity Index Palm Beach County



Socio-Economic Child Opportunity Index Palm Beach County

Black Child Population Palm Beach County

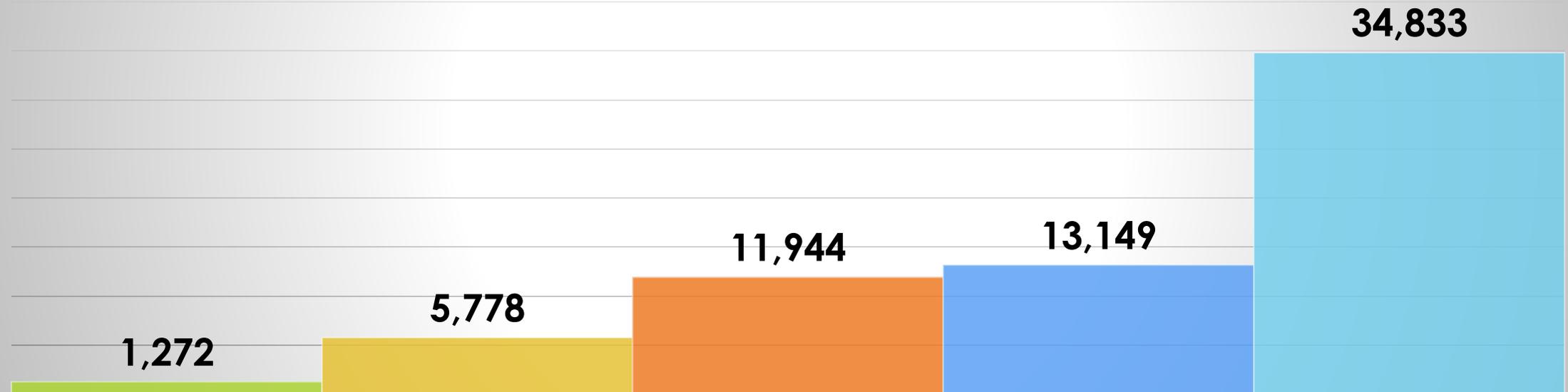
Very High

High

Moderate

Low

Very Low



Socio-Economic Child Opportunity Index Palm Beach County

Hispanic Child Population Palm Beach County

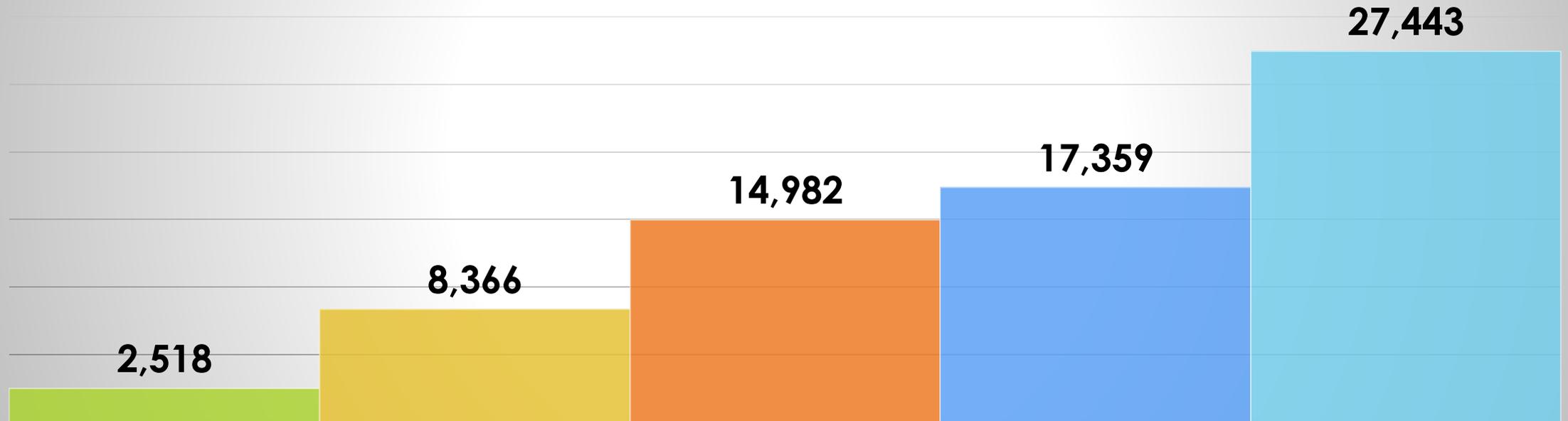
Very High

High

Moderate

Low

Very Low



Socio-Economic Child Opportunity Index Palm Beach County

White Child Population Palm Beach County

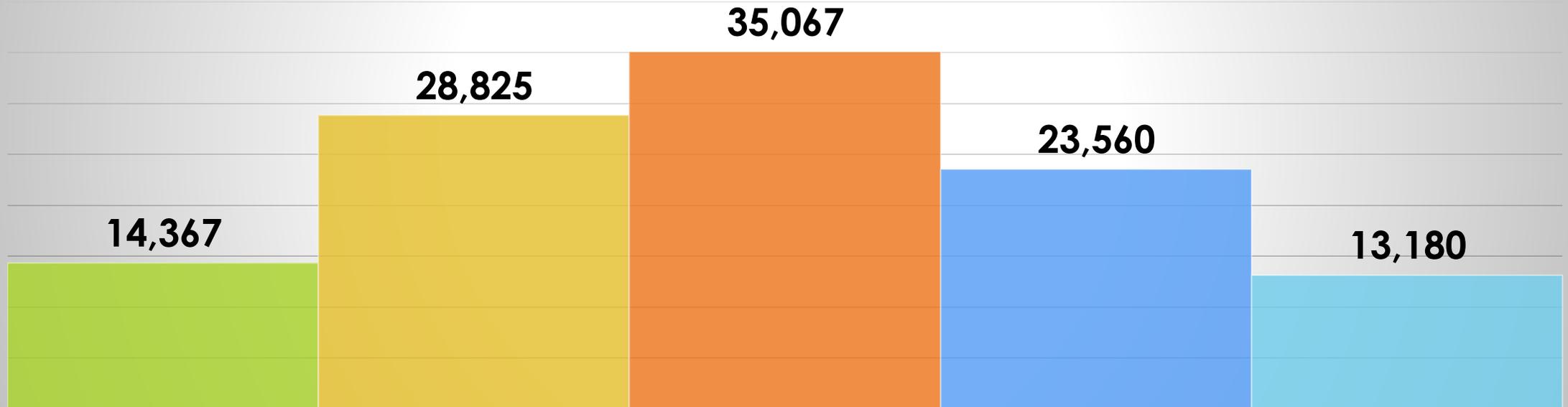
Very High

High

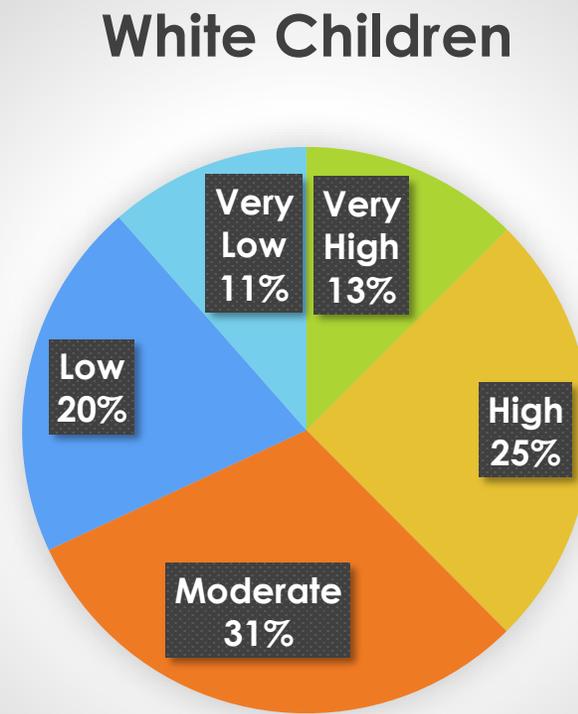
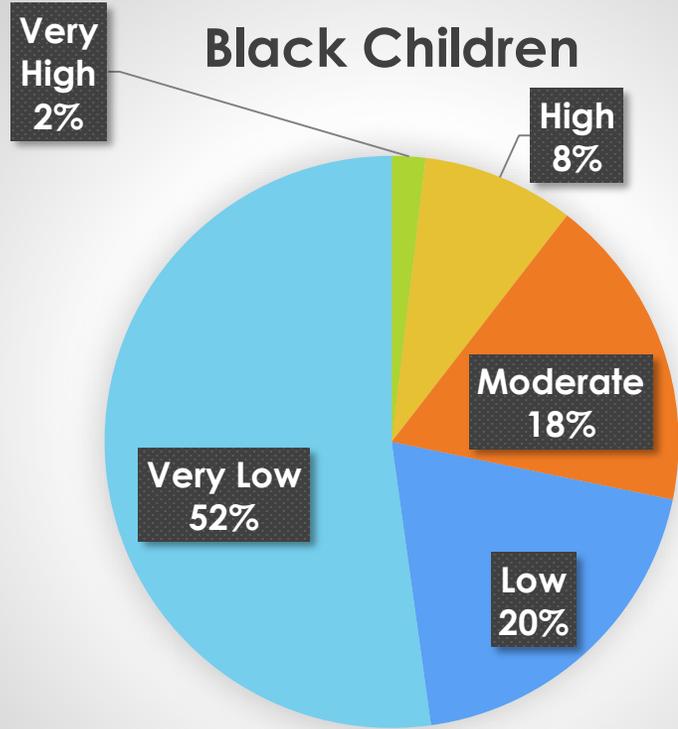
Moderate

Low

Very Low



Socio-Economic Child Opportunity Index Palm Beach County



Life Expectancy Correlated to Socio-Economic Child Opportunity in Palm Beach County

AVERAGE LIFE EXPECTANCY AT BIRTH-SOCIO-ECONOMIC CHILD OPPORTUNITY

