

Boosting Upward Mobility from Poverty Data Documentation

Aaron R. Williams

2023-04-25T18:02:03-04:00

Table of contents

Introduction	11
I County Data Sets	12
II 00_mobility-metrics_longitudinal.csv	14
III 00_mobility-metrics_recent.csv	16
IV 01_mobility-metrics_race-ethnicity_longitudinal.csv	18
V 02_mobility-metrics_race_longitudinal.csv	20
VI 02_poverty-exposure_race-ethnicity.csv	22
VII 03_mobility-metrics_race-share_longitudinal.csv	24
VIII04_SEDA-income_longitudinal.csv	26
1 County Longitudinal Data	28
1.1 State	28
1.2 County	28
1.3 Population	28
1.4 Predictor: Housing Affordability	28
1.4.1 Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels	28
1.5 Predictor: Housing Stability	32
1.5.1 Metric: Number and share of public school children who are ever home- less during the school year	32

1.6	Predictor: Economic Inclusion	34
1.6.1	Metric: Share of residents experiencing poverty living in high-poverty neighborhoods	34
1.7	Predictor: Racial Diversity	36
1.7.1	Metric: Neighborhood exposure index, or the share of a person’s neighbors who are people of other races and ethnicities	36
1.8	Predictor: Social Capital	40
1.8.1	Metric: Number of membership associations per 10,000 people	40
1.8.2	Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status (“economic connectedness”)	41
1.9	Predictor: Transportation Access	43
1.9.1	Metric: Transit trips index	43
1.10	Predictor: Access to Preschool	45
1.10.1	Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool	45
1.11	Predictor: Effective Public Education	46
1.11.1	Metric: Average per grade change in English Language Arts achievement between third and eighth grades	46
1.12	Predictor: School Economic Diversity	48
1.12.1	Metric: Share of students attending high-poverty schools, by student race or ethnicity	48
1.13	Predictor: Preparation for College	51
1.13.1	Metric: Share of 19- and 20-year-olds with a high school degree	51
1.14	Predictor: Digital Access	53
1.14.1	Metric: Share of households with broadband access in the home	53
1.15	Predictor: Employment Opportunities	54
1.15.1	Metric: Employment-to-population ratio for adults ages 25 to 54	54
1.16	Predictor: Jobs Paying Living Wages	55
1.16.1	Metric: Ratio of pay on the average job to the cost of living	55
1.17	Predictor: Opportunities for Income	57
1.17.1	Metric: Household income at the 20th, 50th, and 80th percentiles	57
1.18	Predictor: Financial Security	60
1.18.1	Metric: Share with debt in collections	60
1.19	Predictor: Wealth Building Opportunities	61
1.19.1	Metric: Ratio of the share of a community’s housing wealth held by a racial or ethnic group to the share of households of the same group	61
1.20	Predictor: Access to Health Services	65
1.20.1	Metric: Ratio of population per primary care physician	65
1.21	Predictor: Neonatal Health	67
1.21.1	Metric: Share of low-weight births	67
1.22	Predictor: Environmental Quality	68
1.22.1	Metric: Air quality index	68

1.23	Predictor: Safety from Trauma	69
1.23.1	Metric: Number of deaths caused by injury per 100,000 people	69
1.24	Predictor: Political Participation	71
1.24.1	Metric: Share of the voting-eligible population who turn out to vote . .	71
1.25	Predictor: Descriptive Representation	72
1.25.1	Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group	72
1.26	Predictor: Safety from Crime	72
1.26.1	Metric: Rates of reported violent crime and property crime	72
1.27	Predictor: Just Policing	75
1.27.1	Metric: Rate of juvenile justice arrests	75
2	County Recent Data	77
2.1	County	77
2.2	Population	77
2.3	Predictor: Housing Affordability	77
2.3.1	Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels	77
2.4	Predictor: Housing Stability	81
2.4.1	Metric: Number and share of public school children who are ever homeless during the school year	81
2.5	Predictor: Economic Inclusion	83
2.5.1	Metric: Share of residents experiencing poverty living in high-poverty neighborhoods	83
2.6	Predictor: Racial Diversity	84
2.6.1	Metric: Neighborhood exposure index, or the share of a person's neighbors who are people of other races and ethnicities	84
2.7	Predictor: Social Capital	89
2.7.1	Metric: Number of membership associations per 10,000 people	89
2.7.2	Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status ("economic connectedness")	90
2.8	Predictor: Transportation Access	91
2.8.1	Metric: Transit trips index	91
2.9	Predictor: Access to Preschool	93
2.9.1	Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool	93
2.10	Predictor: Effective Public Education	94
2.10.1	Metric: Average per grade change in English Language Arts achievement between third and eighth grades	94
2.11	Predictor: School Economic Diversity	96
2.11.1	Metric: Share of students attending high-poverty schools, by student race or ethnicity	96

2.12	Predictor: Preparation for College	99
2.12.1	Metric: Share of 19- and 20-year-olds with a high school degree	99
2.13	Predictor: Digital Access	100
2.13.1	Metric: Share of households with broadband access in the home	100
2.14	Predictor: Employment Opportunities	102
2.14.1	Metric: Employment-to-population ratio for adults ages 25 to 54	102
2.15	Predictor: Jobs Paying Living Wages	103
2.15.1	Metric: Ratio of pay on the average job to the cost of living	103
2.16	Predictor: Opportunities for Income	104
2.16.1	Metric: Household income at the 20th, 50th, and 80th percentiles	104
2.17	Predictor: Financial Security	107
2.17.1	Metric: Share with debt in collections	107
2.18	Predictor: Wealth Building Opportunities	108
2.18.1	Metric: Ratio of the share of a community's housing wealth held by a racial or ethnic group to the share of households of the same group	108
2.19	Predictor: Access to Health Services	113
2.19.1	Metric: Ratio of population per primary care physician	113
2.20	Predictor: Neonatal Health	114
2.20.1	Metric: Share of low-weight births	114
2.21	Predictor: Environmental Quality	115
2.21.1	Metric: Air quality index	115
2.22	Predictor: Safety from Trauma	117
2.22.1	Metric: Number of deaths caused by injury per 100,000 people	117
2.23	Predictor: Political Participation	118
2.23.1	Metric: Share of the voting-eligible population who turn out to vote	118
2.24	Predictor: Descriptive Representation	119
2.24.1	Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group	119
2.25	Predictor: Safety from Crime	120
2.25.1	Metric: Rates of reported violent crime and property crime	120
2.26	Predictor: Just Policing	122
2.26.1	Metric: Rate of juvenile justice arrests	122
3	County Race/Ethnicity Data	124
3.1	State	124
3.2	County	124
3.3	Population	124
3.4	Predictor: Access to Preschool	124
3.4.1	Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool	124
3.5	Predictor: Effective Public Education	126
3.5.1	Metric: Average per grade change in English Language Arts achievement between third and eighth grades	126

3.6	Predictor: Preparation for College	127
3.6.1	Metric: Share of 19- and 20-year-olds with a high school degree	127
3.7	Predictor: Employment Opportunities	128
3.7.1	Metric: Employment-to-population ratio for adults ages 25 to 54	128
3.8	Predictor: Opportunities for Income	130
3.8.1	Metric: Household income at the 20th, 50th, and 80th percentiles	130
3.9	Predictor: Neonatal Health	133
3.9.1	Metric: Share of low-weight births	133
4	County Race Data	135
4.1	State	135
4.2	County	135
4.3	Population	135
4.4	Predictor: Digital Access	135
4.4.1	Metric: Share of households with broadband access in the home	135
4.5	Predictor: Just Policing	137
4.5.1	Metric: Rate of juvenile justice arrests	137
5	County Poverty Exposure Data	139
5.0.1	Metric: Share of residents experiencing poverty living in high-poverty neighborhoods	139
6	County Race Share Data	141
6.0.1	Metric: Transit trips index	141
6.1	Predictor: Financial Security	143
6.1.1	Metric: Share with debt in collections	143
6.2	Predictor: Environmental Quality	144
6.2.1	Metric: Air quality index	144
7	County Race SEDA Data	146
7.0.1	Metric: Average per grade change in English Language Arts achievement between third and eighth grades	146
IX	City Data Sets	148
X	05_mobility-metrics_place_longitudinal.csv	150
XI	05_mobility-metrics_place_recent.csv	152
XII	06_mobility-metrics_place_race-ethnicity_longitudinal.csv	154

XIII07_mobility-metrics_place_race_longitudinal.csv	156
XIV07_poverty-exposure_city_subgroup.csv	158
XV 09_place_environmental-exposure_poverty_longitudinal.csv	160
XVI09_place_SEDA-income_longitudinal.csv	162
8 City Longitudinal Data	164
8.1 State	164
8.2 County	164
8.3 Population	164
8.4 Predictor: Housing Affordability	164
8.4.1 Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels	164
8.5 Predictor: Housing Stability	168
8.5.1 Metric: Number and share of public school children who are ever home- less during the school year	168
8.6 Predictor: Economic Inclusion	170
8.6.1 Metric: Share of residents experiencing poverty living in high-poverty neighborhoods	170
8.7 Predictor: Racial Diversity	171
8.7.1 Metric: Neighborhood exposure index, or the share of a person's neigh- bors who are people of other races and ethnicities	171
8.8 Predictor: Social Capital	176
8.8.1 Metric: Number of membership associations per 10,000 people	176
8.8.2 Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status ("economic connect- edness")	177
8.9 Predictor: Access to Preschool	178
8.9.1 Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool	178
8.10 Predictor: Effective Public Education	179
8.10.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades	179
8.11 Predictor: School Economic Diversity	181
8.11.1 Metric: Share of students attending high-poverty schools, by student race or ethnicity	181
8.12 Predictor: Preparation for College	184
8.12.1 Metric: Share of 19- and 20-year-olds with a high school degree	184

8.13	Predictor: Digital Access	185
8.13.1	Metric: Share of households with broadband access in the home	185
8.14	Predictor: Employment Opportunities	187
8.14.1	Metric: Employment-to-population ratio for adults ages 25 to 54	187
8.15	Predictor: Opportunities for Income	188
8.15.1	Metric: Household income at the 20th, 50th, and 80th percentiles	188
8.16	Predictor: Financial Security	191
8.16.1	Metric: Share with debt in collections	191
8.17	Predictor: Wealth Building Opportunities	193
8.17.1	Metric: Ratio of the share of a community's housing wealth held by a racial or ethnic group to the share of households of the same group	193
8.18	Predictor: Environmental Quality	197
8.18.1	Metric: Air quality index	197
8.19	Predictor: Political Participation	199
8.19.1	Metric: Share of the voting-eligible population who turn out to vote	199
8.20	Predictor: Descriptive Representation	200
8.20.1	Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group	200
8.21	Predictor: Safety from Crime	200
8.21.1	Metric: Rates of reported violent crime and property crime	200
8.22	Predictor: Just Policing	203
8.22.1	Metric: Rate of juvenile justice arrests	203
9	City Recent Data	205
9.1	State	205
9.2	County	205
9.3	Population	205
9.4	Predictor: Housing Affordability	205
9.4.1	Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels	205
9.5	Predictor: Housing Stability	209
9.5.1	Metric: Number and share of public school children who are ever homeless during the school year	209
9.6	Predictor: Economic Inclusion	211
9.6.1	Metric: Share of residents experiencing poverty living in high-poverty neighborhoods	211
9.7	Predictor: Racial Diversity	212
9.7.1	Metric: Neighborhood exposure index, or the share of a person's neighbors who are people of other races and ethnicities	212
9.8	Predictor: Social Capital	216
9.8.1	Metric: Number of membership associations per 10,000 people	216

9.8.2	Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status (“economic connect- edness”)	217
9.9	Predictor: Access to Preschool	218
9.9.1	Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool	218
9.10	Predictor: Effective Public Education	219
9.10.1	Metric: Average per grade change in English Language Arts achievement between third and eighth grades	219
9.11	Predictor: School Economic Diversity	221
9.11.1	Metric: Share of students attending high-poverty schools, by student race or ethnicity	221
9.12	Predictor: Preparation for College	224
9.12.1	Metric: Share of 19- and 20-year-olds with a high school degree	224
9.13	Predictor: Digital Access	225
9.13.1	Metric: Share of households with broadband access in the home	225
9.14	Predictor: Employment Opportunities	226
9.14.1	Metric: Employment-to-population ratio for adults ages 25 to 54	226
9.15	Predictor: Opportunities for Income	227
9.15.1	Metric: Household income at the 20th, 50th, and 80th percentiles	227
9.16	Predictor: Financial Security	230
9.16.1	Metric: Share with debt in collections	230
9.17	Predictor: Wealth Building Opportunities	231
9.17.1	Metric: Ratio of the share of a community’s housing wealth held by a racial or ethnic group to the share of households of the same group	231
9.18	Predictor: Environmental Quality	235
9.18.1	Metric: Air quality index	235
9.19	Predictor: Political Participation	236
9.19.1	Metric: Share of the voting-eligible population who turn out to vote	236
9.20	Predictor: Descriptive Representation	238
9.20.1	Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group	238
9.21	Predictor: Safety from Crime	238
9.21.1	Metric: Rates of reported violent crime and property crime	238
9.22	Predictor: Just Policing	240
9.22.1	Metric: Rate of juvenile justice arrests	240
10	City Race/Ethnicity Data	242
10.1	State	242
10.2	County	242
10.3	Population	242
10.4	Predictor: Access to Preschool	242
10.4.1	Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool	242

10.5	Predictor: Effective Public Education	244
10.5.1	Metric: Average per grade change in English Language Arts achievement between third and eighth grades	244
10.6	Predictor: Preparation for College	245
10.6.1	Metric: Share of 19- and 20-year-olds with a high school degree	245
10.7	Predictor: Employment Opportunities	246
10.7.1	Metric: Employment-to-population ratio for adults ages 25 to 54	246
10.8	Predictor: Opportunities for Income	248
10.8.1	Metric: Household income at the 20th, 50th, and 80th percentiles	248
11	City Race Data	252
11.1	State	252
11.2	County	252
11.3	Population	252
11.4	Predictor: Digital Access	252
11.4.1	Metric: Share of households with broadband access in the home	252
11.5	Predictor: Just Policing	254
11.5.1	Metric: Rate of juvenile justice arrests	254
12	City Poverty Exposure Data	256
12.0.1	Metric: Share of residents experiencing poverty living in high-poverty neighborhoods	256
13	City Race Share Data	258
13.0.1	Metric: Air quality index	258
14	City SEDA Data	260
14.0.1	Metric: Average per grade change in English Language Arts achievement between third and eighth grades	260
15	News	262
16	Contact	263

Introduction

The Urban Institute is engaged in a multi-year effort to understand upward mobility from poverty and to work with local leaders to promote policies that boost upward mobility from poverty.

This book contains documentation of the data sets and variables that make up the mobility metrics.

The data are available on the [Urban Institute Data Catalog](#).

To learn more, please read:

- [Boosting Upward Mobility: Metrics to Inform Local Action](#)
- [Boosting Upward Mobility: Metrics to Inform Local Action Summary](#)

Part I

County Data Sets

The mobility metrics are contained in several distinct data sets. The data sets are organized according to the principles of [tidy data](#) and each data set has a unique unit of observation.

Part II

00_mobility-metrics_longitudinal.csv

- **Unit of Observation:** One row per county per year.
- **Dimensions:** 28,281 rows and 99 columns
- **Years:** 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

This data set contains all of the county-level mobility metrics for all available years. In some cases it will contain more years of data than are available in the mobility metrics data pages.

Part III

00_mobility-metrics_recent.csv

- **Unit of Observation:** One row per county.
- **Dimensions:** 3,143 rows and 98 columns

This data set contains all of the county-level mobility metrics for the most recent year available for each metric. For example, if one metric is available in 2018 and another metric is available in 2021, both metrics will show up in the same row in this data set.

Part IV

**01_mobility-metrics_race-
ethnicity_longitudinal.csv**

- **Unit of Observation:** One row per county per race-ethnicity group per year.
- **Dimensions:** 157,150 rows and 32 columns
- **Years:** 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

This data set contains mobility metrics disaggregated by race/ethnicity group when available.

Part V

**02_mobility-
metrics_race_longitudinal.csv**

- **Unit of Observation:** One row per county per race group per year.
- **Dimensions:** 47,145 rows and 12 columns
- **Years:** 2018, 2021, 2022

This data set contains mobility metrics disaggregated by race group when available.

Part VI

**02_poverty-exposure_race-
ethnicity.csv**

- **Unit of Observation:** One row per county per race group per year.
- **Dimensions:** 31,425 rows and 9 columns
- **Years:** 2018, 2021

This data set contains special race and ethnicity tabulations for the economic inclusion mobility metric.

Part VII

**03_mobility-metrics_race-
share_longitudinal.csv**

- **Unit of Observation:** One row per county per majority race group in a subgeography per year.
- **Dimensions:** 37,704 rows and 17 columns
- **Years:** 2014, 2016, 2018

This data set contains mobility metrics disaggregated by the majority race of the subgeographies in the county.

Part VIII

04_SEDA-income_longitudinal.csv

- **Unit of Observation:** One row per county per majority race group in a subgeography per year.
- **Dimensions:** 47,130 rows and 11 columns
- **Years:** 2017, 2016, 2015, 2014, 2013

This data set contains mobility metrics disaggregated using special disaggregations for SEDA data.

The next sections provide detailed documentation for each data set.

1 County Longitudinal Data

year

1.1 State

state state_name

1.2 County

county county_name

1.3 Population

population

1.4 Predictor: Housing Affordability

1.4.1 Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels

Variables: share_affordable_30_ami, share_affordable_50_ami, share_affordable_80_ami, share_affordable_quality

Years: 2014, 2018, 2021

Disaggregation: None

1.4.1.1 Variable: share_affordable_30_ami

Summary

Min.

Median

Mean

Max.

NA's

0.41

1.83

1.80

3.52

18860

Data Quality

share_affordable_quality

quality_label

n

1

Strong

1680

2

Marginal

7741

3

Weak

2

NA

NA

18858

1.4.1.2 Variable: share_affordable_50_ami

Summary

Min.

Median

Mean

Max.

NA's

0.76

1.83

1.81

3.02

18860

Data Quality

share_affordable_quality

quality_label

n

1

Strong

1680

2

Marginal

7741

3

Weak

2

NA

NA

18858

1.4.1.3 Variable: share_affordable_80_ami

Summary

Min.

Median

Mean

Max.

NA's

1.02

1.68

1.68

2.66

18860

Data Quality

share_affordable_quality

quality_label

n

1

Strong

1680

2

Marginal

7741

3

Weak

2

NA

NA

18858

1.5 Predictor: Housing Stability

1.5.1 Metric: Number and share of public school children who are ever homeless during the school year

Variables: count_homeless, share_homeless, count_homeless_lb, count_homeless_ub, homeless_quality

Years: 2014, 2015, 2016, 2017, 2018, 2019

Disaggregation: None

1.5.1.1 Variable: count_homeless

Summary

Min.

Median

Mean

Max.

NA's

0

86

488

75,094

11218

Data Quality

homeless__quality

quality__label

n

1

Strong

14575
2
Marginal
581
3
Weak
1908
NA
NA
11217

1.5.1.2 Variable: share_homeless

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.02
0.03
0.68
11251

Data Quality

homeless_quality
quality_label
n
1

Strong
14575
2
Marginal
581
3
Weak
1908
NA
NA
11217

1.6 Predictor: Economic Inclusion

1.6.1 Metric: Share of residents experiencing poverty living in high-poverty neighborhoods

Variables: share_poverty_exposure, share_poverty_exposure_quality

Years: 2018, 2021

Disaggregation: [Race](#)

1.6.1.1 Variable: share_poverty_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.00

0.04

1.00

22010

Data Quality

share_poverty_exposure_quality

quality_label

n

1

Strong

5746

2

Marginal

496

3

Weak

29

NA

NA

22010

1.7 Predictor: Racial Diversity

1.7.1 Metric: Neighborhood exposure index, or the share of a person's neighbors who are people of other races and ethnicities

Variables: share_black_nh_exposure, share_black_nh_exposure_quality, share_hispanic_exposure, share_hispanic_exposure_quality, share_other_nh_exposure, share_other_nh_exposure_quality, share_white_nh_exposure, share_white_nh_exposure_quality

Years: 2018, 2021

Disaggregation: ([link](#))

1.7.1.1 Variable: share_black_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.12

0.93

0.84

1.00

22900

Data Quality

share_black_nh_exposure_quality

quality_label

n

1

Strong

3368

2

Marginal

1339

3

Weak

674

NA

NA

22900

1.7.1.2 Variable: share_hispanic_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.01

0.93

0.87

1.00

22179

Data Quality

share_hispanic_exposure_quality

quality_label

n

1

Strong

4341

2

Marginal

1410

3

Weak

351

NA

NA

22179

1.7.1.3 Variable: share_other_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.04

0.95

0.92

1.00

22169

Data Quality

share_other_nh_exposure_quality

quality_label

n

1

Strong
3914
2
Marginal
1791
3
Weak
407
NA
NA
22169

1.7.1.4 Variable: share_white_nh_exposure

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.16
0.21
0.99
21999

Data Quality

share__white__nh__exposure__quality
quality__label
n

1
Strong
6256
2
Marginal
23
3
Weak
3
NA
NA
21999

1.8 Predictor: Social Capital

1.8.1 Metric: Number of membership associations per 10,000 people

Variables: count_membership_associations_per_10k, count_membership_associations_per_10k_qualit.

Years: 2020

Disaggregation: ([link](#))

1.8.1.1 Variable: count_membership_associations_per_10k

Summary

Min.

Median

Mean

Max.

NA's

1.00

11.00

11.81

59.80

25290

Data Quality

count_membership_associations_per_10k_quality

quality_label

n

1

Strong

2991

NA

NA

25290

1.8.2 Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status ("economic connectedness")

Variables: ratio_high_low_ses_fb_friends, ratio_high_low_ses_fb_friends_quality

Years: 2022

Disaggregation: (link)

1.8.2.1 Variable: ratio_high_low_ses_fb_friends

Summary

Min.

Median

Mean

Max.

NA's

0.29

0.81

0.81

1.36

25264

Data Quality

ratio_high_low_ses_fb_friends_quality

quality_label

n

1

Strong

3017

NA

NA

25264

1.9 Predictor: Transportation Access

1.9.1 Metric: Transit trips index

Variables: transportation_cost, transportation_cost_quality, index_transit_trips, index_transit_trips_quality

Years: 2016

Disaggregation: ([link](#))

1.9.1.1 Variable: index_transit_trips

Summary

Min.

Median

Mean

Max.

NA's

0.00

18.70

23.13

98.72

25139

Data Quality

index__transit__trips__quality

quality__label

n

1

Strong

3133

2

Marginal

5
3
Weak
4
NA
NA
25139

1.9.1.2 Variable: transportation_cost

Summary

Min.
Median
Mean
Max.
NA's
0.00
18.23
24.05
98.24
25139

Data Quality

transportation_cost_quality
quality_label
n
1
Strong
3132
2

Marginal

6

3

Weak

4

NA

NA

25139

1.10 Predictor: Access to Preschool

1.10.1 Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool

Variables: `share_in_preschool`, `share_in_preschool_quality`

Years: 2018, 2021

Disaggregation: ([link](#))

1.10.1.1 Variable: `share_in_preschool`

Summary

Min.

Median

Mean

Max.

NA's

0.01

0.39

0.40

0.83

22003

Data Quality

share_in_preschool_quality

quality_label

n

1

Strong

850

2

Marginal

3380

3

Weak

2053

NA

NA

21998

1.11 Predictor: Effective Public Education

1.11.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Years: 2014, 2015, 2016, 2017

Disaggregation: (link)

1.11.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

-1.25

0.99

0.99

2.97

16051

Data Quality

rate_learning_quality

quality_label

n

1

Strong

10316

2

Marginal

762

3

Weak

1152

NA

NA

16051

1.12 Predictor: School Economic Diversity

1.12.1 Metric: Share of students attending high-poverty schools, by student race or ethnicity

Variables: meps20_black, meps20_black_quality, meps20_hispanic, meps20_hispanic_quality, meps20_white, meps20_white_quality

Years: 2014, 2015, 2016, 2017, 2018

Disaggregation: ([link](#))

1.12.1.1 Variable: meps20_black

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.51

0.50

1.00

13040

Data Quality

meps20_black_quality

quality_label

n

1

Strong

10412
2
Marginal
1622
3
Weak
3207
NA
NA
13040

1.12.1.2 Variable: meps20_hispanic

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.51
0.50
1.00
12687

Data Quality

meps20__hispanic__quality
quality__label
n
1

Strong
13437
2
Marginal
1033
3
Weak
1124
NA
NA
12687

1.12.1.3 Variable: meps20_white

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.35
0.42
1.00
12593

Data Quality

meps20__white__quality
quality__label
n

1
Strong
15526
2
Marginal
89
3
Weak
73
NA
NA
12593

1.13 Predictor: Preparation for College

1.13.1 Metric: Share of 19- and 20-year-olds with a high school degree

Variables: share_hs_degree, share_hs_degree_quality

Years: 2018, 2021

Disaggregation: ([link](#))

1.13.1.1 Variable: share_hs_degree

Summary

Min.

Median

Mean

Max.

NA's

0.40

0.91

0.89

1.00

22000

Data Quality

share_hs_degree_quality

quality_label

n

1

Strong

860

2

Marginal

2862

3

Weak

2560

NA

NA

21999

1.14 Predictor: Digital Access

1.14.1 Metric: Share of households with broadband access in the home

Variables: share_digital_access, share_digital_access_quality

Years: 2021

Disaggregation: ([link](#))

1.14.1.1 Variable: share_digital_access

Summary

Min.

Median

Mean

Max.

NA's

0.23

0.84

0.82

0.99

25140

Data Quality

share_digital_access_quality

quality_label

n

1

Strong

3080

2
Marginal
55
3
Weak
6
NA
NA
25140

1.15 Predictor: Employment Opportunities

1.15.1 Metric: Employment-to-population ratio for adults ages 25 to 54

Variables: share_employed, share_employed_quality

Years: 2018

Disaggregation: ([link](#))

1.15.1.1 Variable: share_employed

Summary

Min.

Median

Mean

Max.

NA's

0.52

0.79

0.78

0.92

25140

Data Quality

share_employed_quality

quality_label

n

1

Strong

560

2

Marginal

2581

NA

NA

25140

1.16 Predictor: Jobs Paying Living Wages

1.16.1 Metric: Ratio of pay on the average job to the cost of living

Variables: ratio_average_to_living_wage, wage_ratio_quality

Years: 2014, 2018, 2021

Disaggregation: ([link](#))

1.16.1.1 Variable: ratio_average_to_living_wage

Summary

Min.

Median

Mean

Max.

NA's

0.36

0.65

0.67

1.64

18860

Data Quality

ratio_average_to_living_wage_quality

quality_label

n

1

Strong

9386

3

Weak

36

NA

NA

18859

1.17 Predictor: Opportunities for Income

1.17.1 Metric: Household income at the 20th, 50th, and 80th percentiles

Variables: pctl_income_20, pctl_income_50, pctl_income_80, pctl_income_quality

Years: 2018

Disaggregation: ([link](#))

1.17.1.1 Variable: pctl_income_20

Summary

Min.

Median

Mean

Max.

NA's

9,117.87

22,288.13

22,950.66

73,956.08

25140

Data Quality

pctl_income_quality

quality_label

n

1

Strong

560

2

Marginal

2581

NA

NA

25140

1.17.1.2 Variable: `pctl_income_50`

Summary

Min.

Median

Mean

Max.

NA's

28,164.10

51,667.95

53,221.17

163,716.50

25140

Data Quality

`pctl_income_quality`

`quality_label`

n

1

Strong

560

2

Marginal

2581

NA

NA

25140

1.17.1.3 Variable: `pctl_income_80`

Summary

Min.

Median

Mean

Max.

NA's

66,053.92

98,270.41

102,697.32

324,302.50

25140

Data Quality

`pctl_income__quality`

`quality__label`

n

1

Strong

560

2

Marginal

2581

NA

NA

25140

1.18 Predictor: Financial Security

1.18.1 Metric: Share with debt in collections

Variables: share_debt_col, share_debt_col_lb, share_debt_col_ub, share_debt_col_quality

Years: 2018, 2022

Disaggregation: ([link](#))

1.18.1.1 Variable: share_debt_col

Summary

Min.

Median

Mean

Max.

NA's

0.02

0.30

0.31

0.68

22278

Data Quality

share_debt_col_quality

quality_label

n

1

Strong

6003

NA

NA

22278

1.19 Predictor: Wealth Building Opportunities

1.19.1 Metric: Ratio of the share of a community's housing wealth held by a racial or ethnic group to the share of households of the same group

Variables: ratio_black_nh_house_value_households, ratio_hispanic_house_value_households, ratio_other_nh_house_value_households, ratio_white_nh_house_value_households, ratio_black_nh_house_value_households_quality, ratio_hispanic_house_value_households_quality, ratio_other_nh_house_value_households_quality, ratio_white_nh_house_value_households_quality

Years: 2014, 2015, 2016, 2017, 2018, 2019, 2021

Disaggregation: ([link](#))

1.19.1.1 Variable: ratio_black_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.0%:0.0%

0.8%:7.1%

NA

NaN%:NaN%

6302

Data Quality

ratio_black_nh_house_value_households_quality

quality_label

n

1

Strong
1840
2
Marginal
745
3
Weak
19394
NA
NA
6302

1.19.1.2 Variable: ratio_hispanic_house_value_households

Summary

Min.
Median
Mean
Max.
NA's
0.0%:0.0%
1.9%:2.1%
NA
NaN%:NaN%
6302

Data Quality

ratio_hispanic_house_value_households_quality
quality_label
n

1
Strong
1807
2
Marginal
359
3
Weak
19813
NA
NA
6302

1.19.1.3 Variable: ratio_other_nh_house_value_households

Summary

Min.
Median
Mean
Max.
NA's
0.0%:0.0%
2.0%:3.0%
NA
NaN%:NaN%
6302

Data Quality

ratio_other_nh_house_value_households_quality
quality_label

n
1
Strong
1766
2
Marginal
451
3
Weak
19762
NA
NA
6302

1.19.1.4 Variable: ratio_white_nh_house_value_households

Summary

Min.
Median
Mean
Max.
NA's
10.1%:8.1%
91.6%:84.4%
NA
NaN%:NaN%
6302

Data Quality

ratio_white_nh_house_value_households_quality

quality_label

n

1

Strong

3913

2

Marginal

3190

3

Weak

14876

NA

NA

6302

1.20 Predictor: Access to Health Services

1.20.1 Metric: Ratio of population per primary care physician

Variables: ratio_population_pc_physician, ratio_population_pc_physician_quality

Years: 2019

Disaggregation: ([link](#))

1.20.1.1 Variable: ratio_population_pc_physician

Summary

Min.

Median

Mean

Max.

NA's

0

NA

NA

999:1

25139

Data Quality

ratio_population_pc_physician_quality

quality_label

n

1

Strong

2353

2

Marginal

427

3

Weak

207

NA

NA

25294

1.21 Predictor: Neonatal Health

1.21.1 Metric: Share of low-weight births

Variables: `rate_low_birth_weight`, `rate_low_birth_weight_lb`, `rate_low_birth_weight_ub`, `rate_low_birth_weight_quality`

Years: 2018, 2020

Disaggregation: ([link](#))

1.21.1.1 Variable: `rate_low_birth_weight`

Summary

Min.

Median

Mean

Max.

NA's

0.04

0.08

0.08

0.15

21996

Data Quality

`rate_low_birth_weight_quality`

`quality_label`

n

1

Strong

1155

2

Marginal

1

3

Weak

5129

NA

NA

21996

1.22 Predictor: Environmental Quality

1.22.1 Metric: Air quality index

Variables: `index_air_quality`, `index_air_quality_quality`

Years: 2014, 2018

Disaggregation: ([link](#))

1.22.1.1 Variable: `index_air_quality`

Summary

Min.

Median

Mean

Max.

NA's

0.00

72.00

66.25

100.00

21997

Data Quality

index_air_quality_quality

quality_label

n

1

Strong

6284

NA

NA

21997

1.23 Predictor: Safety from Trauma

1.23.1 Metric: Number of deaths caused by injury per 100,000 people

Variables: rate_injury_death, rate_injury_death_lb, rate_injury_death_ub,
rate_injury_death_quality

Years: 2019

Disaggregation: (link)

1.23.1.1 Variable: rate_injury_death

Summary

Min.

Median

Mean

Max.

NA's

19.93

89.38

92.05

280.11

25245

Data Quality

rate_injury_death_quality

quality_label

n

1

Strong

2630

2

Marginal

372

3

Weak

34

NA

NA

25245

1.24 Predictor: Political Participation

1.24.1 Metric: Share of the voting-eligible population who turn out to vote

Variables: share_election_turnout, share_election_turnoutt_quality

Years: 2016, 2020

Disaggregation: (link)

1.24.1.1 Variable: share_election_turnout

Summary

Min.

Median

Mean

Max.

NA's

0.16

0.62

0.63

1.00

22057

Data Quality

share_election_turnout_quality

quality_label

n

1

Strong

6067

2

Marginal

144

3

Weak

13

NA

NA

22057

1.25 Predictor: Descriptive Representation

1.25.1 Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group

Variables: share_desc_rep_asian_other, share_desc_rep_asian_other_quality, share_desc_rep_black_nonhispanic, share_desc_rep_hispanic, share_desc_rep_white_nonhispanic

Years: 2021

Disaggregation: ([link](#))

1.26 Predictor: Safety from Crime

1.26.1 Metric: Rates of reported violent crime and property crime

Variables: rate_violent_crime, rate_property_crime, rate_crime_quality

Years: 2021

Disaggregation: ([link](#))

1.26.1.1 Variable: rate_violent_crime

Summary

Min.

Median

Mean

Max.

NA's

0.00

708.72

825.03

12,968.59

25581

Data Quality

rate_crime_quality

quality_label

n

1

Strong

920

2

Marginal

492

3

Weak

1288

NA

NA

25581

1.26.1.2 Variable: rate_property_crime

Summary

Min.

Median

Mean

Max.

NA's

0.00

1,539.04

1,831.17

21,686.75

25581

Data Quality

rate_crime_quality

quality_label

n

1

Strong

920

2

Marginal

492

3

Weak

1288

NA

NA

25581

1.27 Predictor: Just Policing

1.27.1 Metric: Rate of juvenile justice arrests

Variables: rate_juv_arrest, rate_juv_arrest_quality

Years: 2021

Disaggregation: ([link](#))

1.27.1.1 Variable: rate_juv_arrest

Summary

Min.

Median

Mean

Max.

NA's

0.00

549.20

1,070.43

19,073.87

25597

Data Quality

rate_juv_arrest_quality

quality_label

n

1

Strong

864

2

Marginal

480

3

Weak

1340

NA

NA

25597

2 County Recent Data

state state_name

2.1 County

county county_name

2.2 Population

population

2.3 Predictor: Housing Affordability

2.3.1 Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels

Variables: share_affordable_30_ami, share_affordable_50_ami, share_affordable_80_ami, share_affordable_quality

Disaggregation: ([link](#))

2.3.1.1 Variable: share_affordable_30_ami

Summary

Min.

Median

Mean

Max.

NA's

0.43

1.83

1.79

3.52

3

Data Quality

share_affordable_quality

quality_label

n

1

Strong

560

2

Marginal

2580

3

Weak

1

NA

NA

2

2.3.1.2 Variable: share_affordable_50_ami

Summary

Min.

Median

Mean

Max.

NA's

0.78

1.85

1.83

3.02

3

Data Quality

share_affordable_quality

quality_label

n

1

Strong

560

2

Marginal

2580

3

Weak

1

NA

NA

2

2.3.1.3 Variable: share_affordable_80_ami

Summary

Min.

Median

Mean

Max.

NA's

1.02

1.70

1.69

2.38

3

Data Quality

share_affordable_quality

quality_label

n

1

Strong

560

2

Marginal

2580

3

Weak

1

NA

NA

2

2.4 Predictor: Housing Stability

2.4.1 Metric: Number and share of public school children who are ever homeless during the school year

Variables: count_homeless, share_homeless, count_homeless_lb, count_homeless_ub, homeless_quality

Disaggregation: (link)

2.4.1.1 Variable: count_homeless

Summary

Min.

Median

Mean

Max.

NA's

1

84

460

55,180

297

Data Quality

homeless_quality

quality_label

n

1

Strong

2503

2
Marginal
100
3
Weak
243
NA
NA
297

2.4.1.2 Variable: share_homeless

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.02
0.03
0.47
297

Data Quality

homeless__quality
quality__label
n
1
Strong

2503
2
Marginal
100
3
Weak
243
NA
NA
297

2.5 Predictor: Economic Inclusion

2.5.1 Metric: Share of residents experiencing poverty living in high-poverty neighborhoods

Variables: share_poverty_exposure, share_poverty_exposure_quality

Disaggregation: [\(link\)](#)

2.5.1.1 Variable: share_poverty_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.00

0.04

1.00

7

Data Quality

share_poverty_exposure_quality

quality_label

n

1

Strong

2826

2

Marginal

294

3

Weak

16

NA

NA

7

2.6 Predictor: Racial Diversity

2.6.1 Metric: Neighborhood exposure index, or the share of a person's neighbors who are people of other races and ethnicities

Variables: share_black_nh_exposure, share_black_nh_exposure_quality, share_hispanic_exposure, share_hispanic_exposure_quality, share_other_nh_exposure, share_other_nh_exposure_quality, share_white_nh_exposure, share_white_nh_exposure_quality

Disaggregation: ([link](#))

2.6.1.1 Variable: share_black_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.12

0.93

0.84

1.00

453

Data Quality

share_black_nh_exposure_quality

quality_label

n

1

Strong

1643

2

Marginal

684

3

Weak

363

NA

NA

453

2.6.1.2 Variable: share_hispanic_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.02

0.92

0.86

1.00

91

Data Quality

share_hispanic_exposure_quality

quality_label

n

1

Strong

2165

2

Marginal

718

3

Weak

169

NA

NA

91

2.6.1.3 Variable: share_other_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.04

0.94

0.91

1.00

65

Data Quality

share_other_nh_exposure_quality

quality_label

n

1

Strong

2013

2

Marginal

881

3

Weak

184

NA

NA

65

2.6.1.4 Variable: share_white_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.16

0.22

0.97

2

Data Quality

share_white_nh_exposure_quality

quality_label

n

1

Strong

3127

2

Marginal

12

3

Weak

2

NA

NA

2

2.7 Predictor: Social Capital

2.7.1 Metric: Number of membership associations per 10,000 people

Variables: count_membership_associations_per_10k, count_membership_associations_per_10k_quality

Disaggregation: ([link](#))

2.7.1.1 Variable: count_membership_associations_per_10k

Summary

Min.

Median

Mean

Max.

NA's

1.00

11.00

11.81

59.80

152

Data Quality

count_membership_associations_per_10k_quality

quality_label

n

1

Strong

2991

NA

NA

152

2.7.2 Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status (“economic connectedness”)

Variables: ratio_high_low_ses_fb_friends, ratio_high_low_ses_fb_friends_quality

Disaggregation: (link)

2.7.2.1 Variable: ratio_high_low_ses_fb_friends

Summary

Min.

Median

Mean

Max.

NA's

0.29

0.81

0.81

1.36

126

Data Quality

ratio_high_low_ses_fb_friends_quality

quality_label

n

1

Strong

3017

NA

NA

126

2.8 Predictor: Transportation Access

2.8.1 Metric: Transit trips index

Variables: transportation_cost, transportation_cost_quality, index_transit_trips, index_transit_trips_quality

Disaggregation: (link)

2.8.1.1 Variable: index_transit_trips

Summary

Min.

Median

Mean

Max.

NA's

0.00

18.70

23.12

98.72

2

Data Quality

index_transit_trips_quality

quality_label

n

1

Strong
3132
2
Marginal
5
3
Weak
4
NA
NA
2

2.8.1.2 Variable: transportation_cost

Summary

Min.
Median
Mean
Max.
NA's
0.00
18.21
24.04
98.24
2

Data Quality

transportation_cost_quality
quality_label
n

1
Strong
3131
2
Marginal
6
3
Weak
4
NA
NA
2

2.9 Predictor: Access to Preschool

2.9.1 Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool

Variables: `share_in_preschool`, `share_in_preschool_quality`

Disaggregation: ([link](#))

2.9.1.1 Variable: `share_in_preschool`

Summary

Min.

Median

Mean

Max.

NA's

0.01

0.37

0.37

0.83

6

Data Quality

share_in_preschool_quality

quality_label

n

1

Strong

415

2

Marginal

1595

3

Weak

1131

NA

NA

2

2.10 Predictor: Effective Public Education

2.10.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Disaggregation: ([link](#))

2.10.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

−1.25

0.96

0.96

2.72

104

Data Quality

rate_learning_quality

quality_label

n

1

Strong

2513

2

Marginal

184

3

Weak

342

NA

NA

104

2.11 Predictor: School Economic Diversity

2.11.1 Metric: Share of students attending high-poverty schools, by student race or ethnicity

Variables: meps20_black, meps20_black_quality, meps20_hispanic, meps20_hispanic_quality, meps20_white, meps20_white_quality

Disaggregation: ([link](#))

2.11.1.1 Variable: meps20_black

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.42

0.44

1.00

98

Data Quality

meps20_black_quality

quality_label

n

1

Strong

2065

2

Marginal

334

3

Weak

646

NA

NA

98

2.11.1.2 Variable: meps20_hispanic

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.41

0.43

1.00

21

Data Quality

meps20__hispanic__quality

quality__label

n

1

Strong

2718
2
Marginal
185
3
Weak
219
NA
NA
21

2.11.1.3 Variable: meps20_white

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.26
0.36
1.00
6

Data Quality

meps20__white__quality
quality__label
n
1

Strong
3103
2
Marginal
18
3
Weak
16
NA
NA
6

2.12 Predictor: Preparation for College

2.12.1 Metric: Share of 19- and 20-year-olds with a high school degree

Variables: `share_hs_degree`, `share_hs_degree_quality`

Disaggregation: ([link](#))

2.12.1.1 Variable: `share_hs_degree`

Summary

Min.

Median

Mean

Max.

NA's

0.40

0.92

0.90

1.00

3

Data Quality

share_hs_degree_quality

quality_label

n

1

Strong

472

2

Marginal

1749

3

Weak

920

NA

NA

2

2.13 Predictor: Digital Access

2.13.1 Metric: Share of households with broadband access in the home

Variables: share_digital_access, share_digital_access_quality

Disaggregation: (link)

2.13.1.1 Variable: share_digital_access

Summary

Min.

Median

Mean

Max.

NA's

0.23

0.84

0.82

0.99

2

Data Quality

share_digital_access_quality

quality_label

n

1

Strong

3080

2

Marginal

55

3

Weak

6

NA

NA

2

2.14 Predictor: Employment Opportunities

2.14.1 Metric: Employment-to-population ratio for adults ages 25 to 54

Variables: share_employed, share_employed_quality

Disaggregation: ([link](#))

2.14.1.1 Variable: share_employed

Summary

Min.

Median

Mean

Max.

NA's

0.52

0.79

0.78

0.92

3

Data Quality

share_employed_quality

quality_label

n

1

Strong

560

2

Marginal

2580

NA

NA

3

2.15 Predictor: Jobs Paying Living Wages

2.15.1 Metric: Ratio of pay on the average job to the cost of living

Variables: ratio_average_to_living_wage, wage_ratio_quality

Disaggregation: ([link](#))

2.15.1.1 Variable: ratio_average_to_living_wage

Summary

Min.

Median

Mean

Max.

NA's

0.36

0.61

0.62

1.53

3

Data Quality

ratio_average_to_living_wage_quality

quality_label

n
1
Strong
3126
3
Weak
15
NA
NA
2

2.16 Predictor: Opportunities for Income

2.16.1 Metric: Household income at the 20th, 50th, and 80th percentiles

Variables: `pctl_income_20`, `pctl_income_50`, `pctl_income_80`, `pctl_income_quality`

Disaggregation: ([link](#))

2.16.1.1 Variable: `pctl_income_20`

Summary

Min.

Median

Mean

Max.

NA's

9,117.87

22,288.13

22,947.02

73,956.08

3

Data Quality

pctl_income_quality

quality_label

n

1

Strong

560

2

Marginal

2580

NA

NA

3

2.16.1.2 Variable: pctl_income_50

Summary

Min.

Median

Mean

Max.

NA's

28,164.10

51,667.95

53,214.37

163,716.50

3

Data Quality

pctl_income_quality

quality_label

n

1

Strong

560

2

Marginal

2580

NA

NA

3

2.16.1.3 Variable: pctl_income_80

Summary

Min.

Median

Mean

Max.

NA's

66,053.92

98,270.41

102,684.76

324,302.50

3

Data Quality

pctl_income_quality

quality_label

n

1

Strong

560

2

Marginal

2580

NA

NA

3

2.17 Predictor: Financial Security

2.17.1 Metric: Share with debt in collections

Variables: share_debt_col, share_debt_col_lb, share_debt_col_ub, share_debt_col_quality

Disaggregation: ([link](#))

2.17.1.1 Variable: share_debt_col

Summary

Min.

Median

Mean

Max.

NA's

0.02

0.28

0.28

0.64

85

Data Quality

share_debt_col_quality

quality_label

n

1

Strong

3058

NA

NA

85

2.18 Predictor: Wealth Building Opportunities

2.18.1 Metric: Ratio of the share of a community's housing wealth held by a racial or ethnic group to the share of households of the same group

Variables: ratio_black_nh_house_value_households, ratio_hispanic_house_value_households, ratio_other_nh_house_value_households, ratio_white_nh_house_value_households, ratio_black_nh_house_value_households_quality, ratio_hispanic_house_value_households_quality, ratio_other_nh_house_value_households_quality, ratio_white_nh_house_value_households_quality

Disaggregation: ([link](#))

2.18.1.1 Variable: ratio_black_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.0%:0.0%

0.8%:2.0%

NA

NaN%:NaN%

4

Data Quality

ratio_black_nh_house_value_households_quality

quality_label

n

1

Strong

265

2

Marginal

106

3

Weak

2768

NA

NA

4

2.18.1.2 Variable: ratio_hispanic_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.0%:0.0%

2.0%:2.7%

NA

NaN%:NaN%

4

Data Quality

ratio_hispanic_house_value_households_quality

quality_label

n

1

Strong

299

2

Marginal

67

3

Weak

2773

NA

NA

4

2.18.1.3 Variable: ratio_other_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.2%:1.8%

3.9%:3.6%

NA

NaN%:NaN%

4

Data Quality

ratio_other_nh_house_value_households_quality

quality_label

n

1

Strong

366

2

Marginal

163

3

Weak

2610

NA

NA

4

2.18.1.4 Variable: ratio_white_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

10.1%:8.1%

88.8%:88.4%

NA

NaN%:NaN%

4

Data Quality

ratio_white_nh_house_value_households_quality

quality_label

n

1

Strong

559

2

Marginal

455

3

Weak

2125

NA

NA

4

2.19 Predictor: Access to Health Services

2.19.1 Metric: Ratio of population per primary care physician

Variables: `ratio_population_pc_physician`, `ratio_population_pc_physician_quality`

Disaggregation: ([link](#))

2.19.1.1 Variable: `ratio_population_pc_physician`

Summary

Min.

Median

Mean

Max.

NA's

0

2195:1

NA

999:1

2

Data Quality

`ratio_population_pc_physician_quality`

`quality_label`

n

1

Strong

2352

2

Marginal

427

3

Weak

207

NA

NA

157

2.20 Predictor: Neonatal Health

2.20.1 Metric: Share of low-weight births

Variables: `rate_low_birth_weight`, `rate_low_birth_weight_lb`, `rate_low_birth_weight_ub`, `rate_low_birth_weight_quality`

Disaggregation: ([link](#))

2.20.1.1 Variable: `rate_low_birth_weight`

Summary

Min.

Median

Mean

Max.

NA's

0.04

0.08

0.08

0.15

0

Data Quality

rate_low_birth_weight_quality

quality_label

n

1

Strong

577

2

Marginal

1

3

Weak

2565

2.21 Predictor: Environmental Quality

2.21.1 Metric: Air quality index

Variables: index_air_quality, index_air_quality_quality

Disaggregation: ([link](#))

2.21.1.1 Variable: index_air_quality

Summary

Min.

Median

Mean

Max.

NA's

0.00

64.00

62.96

100.00

2

Data Quality

index__air__quality__quality

quality__label

n

1

Strong

3141

NA

NA

2

2.22 Predictor: Safety from Trauma

2.22.1 Metric: Number of deaths caused by injury per 100,000 people

Variables: `rate_injury_death`, `rate_injury_death_lb`, `rate_injury_death_ub`,
`rate_injury_death_quality`

Disaggregation: ([link](#))

2.22.1.1 Variable: `rate_injury_death`

Summary

Min.

Median

Mean

Max.

NA's

19.93

89.38

92.05

280.11

107

Data Quality

`rate_injury_death_quality`

`quality_label`

n

1

Strong

2630

2

Marginal

372

3
Weak
34
NA
NA
107

2.23 Predictor: Political Participation

2.23.1 Metric: Share of the voting-eligible population who turn out to vote

Variables: `share_election_turnout`, `share_election_turnoutt_quality`

Disaggregation: ([link](#))

2.23.1.1 Variable: `share_election_turnout`

Summary

Min.

Median

Mean

Max.

NA's

0.19

0.66

0.66

1.00

31

Data Quality

`share_election_turnout_quality`

quality_label

n

1

Strong

3021

2

Marginal

81

3

Weak

10

NA

NA

31

2.24 Predictor: Descriptive Representation

2.24.1 Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group

Variables: share_desc_rep_asian_other, share_desc_rep_asian_other_quality,
share_desc_rep_black_nonhispanic, share_desc_rep_hispanic, share_desc_rep_white_nonhispanic

Disaggregation: ([link](#))

2.25 Predictor: Safety from Crime

2.25.1 Metric: Rates of reported violent crime and property crime

Variables: rate_violent_crime, rate_property_crime, rate_crime_quality

Disaggregation: ([link](#))

2.25.1.1 Variable: rate_violent_crime

Summary

Min.

Median

Mean

Max.

NA's

0.00

708.72

825.03

12,968.59

443

Data Quality

rate_crime_quality

quality_label

n

1

Strong

920

2

Marginal

492

3

Weak

1288

NA

NA

443

2.25.1.2 Variable: rate_property_crime

Summary

Min.

Median

Mean

Max.

NA's

0.00

1,539.04

1,831.17

21,686.75

443

Data Quality

rate_crime_quality

quality_label

n

1

Strong

920

2

Marginal

492

3
Weak
1288
NA
NA
443

2.26 Predictor: Just Policing

2.26.1 Metric: Rate of juvenile justice arrests

Variables: rate_juv_arrest, rate_juv_arrest_quality

Disaggregation: ([link](#))

2.26.1.1 Variable: rate_juv_arrest

Summary

Min.
Median
Mean
Max.
NA's
0.00
549.20
1,070.43
19,073.87
459

Data Quality

rate_juv_arrest_quality

quality_label

n

1

Strong

864

2

Marginal

480

3

Weak

1340

NA

NA

459

3 County Race/Ethnicity Data

year

3.1 State

state state_name

3.2 County

county county_name

3.3 Population

population

3.4 Predictor: Access to Preschool

3.4.1 Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool

Variables: share_in_preschool, share_in_preschool_quality

Years: 2018, 2021

3.4.1.1 Variable: share_in_preschool

Summary

Min.

Median

Mean

Max.

NA's

0.03

0.41

0.42

0.87

141190

Data Quality

share_in_preschool_quality

quality_label

n

1

Strong

2307

2

Marginal

8040

3

Weak

5613

NA

NA

141190

3.5 Predictor: Effective Public Education

3.5.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Years: 2013, 2014, 2015, 2016, 2017

3.5.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

−1.89

1.00

1.00

3.10

113428

Data Quality

rate_learning_quality

quality_label

n

1

Strong

34495

2

Marginal

2791

3

Weak

6436

NA

NA

113428

3.6 Predictor: Preparation for College

3.6.1 Metric: Share of 19- and 20-year-olds with a high school degree

Variables: share_hs_degree, share_hs_degree_quality

Years: 2018, 2021

3.6.1.1 Variable: share_hs_degree

Summary

Min.

Median

Mean

Max.

NA's

0.48

0.90

0.89

1.00

140940

Data Quality

share_hs_degree_quality

quality_label

n

1

Strong

2349

2

Marginal

7004

3

Weak

6857

NA

NA

140940

3.7 Predictor: Employment Opportunities

3.7.1 Metric: Employment-to-population ratio for adults ages 25 to 54

Variables: share_employed, share_employed_quality

Years: 2018, 2021

3.7.1.1 Variable: share_employed

Summary

Min.

Median

Mean

Max.

NA's

0.33

0.76

0.76

0.98

129219

Data Quality

share_employed_quality

quality_label

n

1

Strong

4763

2

Marginal

16221

3

Weak

6947

NA

NA

129219

3.8 Predictor: Opportunities for Income

3.8.1 Metric: Household income at the 20th, 50th, and 80th percentiles

Variables: `pctl_income_20`, `pctl_income_50`, `pctl_income_80`, `pctl_income_quality`

Years: 2018, 2021

3.8.1.1 Variable: `pctl_income_20`

Summary

Min.

Median

Mean

Max.

NA's

0.00

21,984.20

22,593.08

98,378.81

129485

Data Quality

`pctl_income_quality`

`quality_label`

n

1

Strong

4617

2

Marginal

15586

3

Weak

7462

NA

NA

129485

3.8.1.2 Variable: pctl_income_50

Summary

Min.

Median

Mean

Max.

NA's

13,869.88

50,849.68

52,135.10

205,282.80

129479

Data Quality

pctl_income_quality

quality_label

n

1

Strong

4617

2
Marginal
15586
3
Weak
7462
NA
NA
129485

3.8.1.3 Variable: pctl_income_80

Summary

Min.
Median
Mean
Max.
NA's
32,533.99
97,844.66
100,930.25
534,358.69
129479

Data Quality

pctl_income_quality
quality_label
n
1
Strong

4617
2
Marginal
15586
3
Weak
7462
NA
NA
129485

3.9 Predictor: Neonatal Health

3.9.1 Metric: Share of low-weight births

Variables: `rate_low_birth_weight`, `rate_low_birth_weight_lb`, `rate_low_birth_weight_ub`, `rate_low_birth_weight_quality`

Years: 2018, 2020

3.9.1.1 Variable: `rate_low_birth_weight`

Summary

Min.

Median

Mean

Max.

NA's

0.03

0.08

0.09

0.35

127468

Data Quality

rate_low_birth_weight_quality

quality_label

n

1

Strong

3853

2

Marginal

985

3

Weak

26582

NA

NA

125730

4 County Race Data

year

4.1 State

state state_name

4.2 County

county county_name

4.3 Population

population

4.4 Predictor: Digital Access

4.4.1 Metric: Share of households with broadband access in the home

Variables: share_digital_access, share_digital_access_quality

Years: 2021

4.4.1.1 Variable: share_digital_access

Summary

Min.

Median

Mean

Max.

NA's

0.05

0.84

0.81

1.00

32712

Data Quality

share_digital_access_quality

quality_label

n

1

Strong

10365

2

Marginal

2233

3

Weak

1835

NA

NA

32712

4.5 Predictor: Just Policing

4.5.1 Metric: Rate of juvenile justice arrests

Variables: rate_juv_arrest, rate_juv_arrest_quality

Years: 2021

4.5.1.1 Variable: rate_juv_arrest

Summary

Min.

Median

Mean

Max.

NA's

0.00

263.06

1,354.53

178,274.24

35454

Data Quality

rate_juv_arrest_quality

quality_label

n

1

Strong

3615

2

Marginal

2330

3

Weak

5746

NA

NA

35454

5 County Poverty Exposure Data

5.0.1 Metric: Share of residents experiencing poverty living in high-poverty neighborhoods

Variables: share_poverty_exposure, share_poverty_exposure_quality

Years: 2018, 2021

5.0.1.1 Variable: share_poverty_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.00

0.05

1.00

3994

Data Quality

share_poverty_exposure_quality

quality_label

n

1

Strong

15449

2

Marginal

7048

3

Weak

4934

NA

NA

3994

6 County Race Share Data

6.0.1 Metric: Transit trips index

Variables: transportation_cost, transportation_cost_quality, index_transit_trips, index_transit_trips_quality

Years: 2016

6.0.1.1 Variable: index_transit_trips

Summary

Min.

Median

Mean

Max.

NA's

0.00

20.46

25.58

98.97

29456

Data Quality

index_transit_trips_quality

quality_label

n

1

Strong

7217
2
Marginal
590
3
Weak
441
NA
NA
29456

6.0.1.2 Variable: transportation_cost

Summary

Min.
Median
Mean
Max.
NA's
0.00
20.11
26.38
98.49
29456

Data Quality

transportation_cost_quality
quality_label
n
1

Strong
7217
2
Marginal
590
3
Weak
441
NA
NA
29456

6.1 Predictor: Financial Security

6.1.1 Metric: Share with debt in collections

Variables: share_debt_col, share_debt_col_lb, share_debt_col_ub, share_debt_col_quality

Years: 2018

6.1.1.1 Variable: share_debt_col

Summary

Min.

Median

Mean

Max.

NA's

0.05

0.32

0.33

0.82

31599

Data Quality

share_debt_col_quality

quality_label

n

1

Strong

6105

NA

NA

31599

6.2 Predictor: Environmental Quality

6.2.1 Metric: Air quality index

Variables: index_air_quality, index_air_quality_quality

Years: 2014, 2018

6.2.1.1 Variable: index_air_quality

Summary

Min.

Median

Mean

Max.

NA's

0.00

65.00

62.30

100.00

21203

Data Quality

index_air_quality_quality

quality_label

n

1

Strong

16497

2

Marginal

4

NA

NA

21203

7 County Race SEDA Data

7.0.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Years: 2013, 2014, 2015, 2016, 2017

7.0.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

-1.45

0.99

0.99

3.59

3324

Data Quality

rate_learning_quality

quality_label

n

1

Strong

35725

2

Marginal

2403

3

Weak

5678

NA

NA

3324

Part IX

City Data Sets

The mobility metrics are contained in several distinct data sets. The data sets are organized according to the principles of [tidy data](#) and each data set has a unique unit of observation.

Part X

**05_mobility-
metrics_place_longitudinal.csv**

- **Unit of Observation:** One row per city per year.
- **Dimensions:** 3,888 rows and 73 columns
- **Years:** 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021

This data set contains all of the city-level mobility metrics for all available years. In some cases it will contain more years of data than are available in the mobility metrics data pages.

Part XI

05_mobility-metrics_place_recent.csv

- **Unit of Observation:** One row per city.
- **Dimensions:** 486 rows and 72 columns

This data set contains all of the city-level mobility metrics for the most recent year available for each metric. For example, if one metric is available in 2018 and another metric is available in 2021, both metrics will show up in the same row in this data set.

Part XII

**06_mobility-metrics_place_race-
ethnicity_longitudinal.csv**

- **Unit of Observation:** One row per city per race-ethnicity group per year.
- **Dimensions:** 24,300 rows and 27 columns
- **Years:** 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022

This data set contains mobility metrics disaggregated by race/ethnicity group when available.

Part XIII

**07_mobility-
metrics_place_race_longitudinal.csv**

- **Unit of Observation:** One row per city per race group per year.
- **Dimensions:** 2,430 rows and 11 columns
- **Years:** 2021

This data set contains mobility metrics disaggregated by race group when available.

Part XIV

**07_poverty-
exposure_city_subgroup.csv**

- **Unit of Observation:** One row per city per race group per year.
- **Dimensions:** 2,430 rows and 9 columns
- **Years:** 2021

This data set contains special race and ethnicity tabulations for the economic inclusion mobility metric.

Part XV

**09_place_environmental-
exposure_poverty_longitudinal.csv**

- **Unit of Observation:** One row per city per majority race group in a subgeography per year.
- **Dimensions:** 2,907 rows and 9 columns
- **Years:** 2018, 2014

This data set contains mobility metrics disaggregated by the majority race of the subgeographies in the city.

Part XVI

**09_place_SEDA-
income_longitudinal.csv**

- **Unit of Observation:** One row per city per majority race group in a subgeography per year.
- **Dimensions:** 2,910 rows and 11 columns
- **Years:** 2017, 2016

This data set contains mobility metrics disaggregated using special disaggregations for SEDA data.

The next sections provide detailed documentation for each data set.

8 City Longitudinal Data

year

8.1 State

state state_name

8.2 County

county county_name

8.3 Population

population

8.4 Predictor: Housing Affordability

8.4.1 Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels

Variables: share_affordable_30_ami, share_affordable_50_ami, share_affordable_80_ami, share_affordable_quality

Years: 2021

Disaggregation: ([link](#))

8.4.1.1 Variable: share_affordable_30_ami

Summary

Min.

Median

Mean

Max.

NA's

0.39

1.05

1.13

3.43

3402

Data Quality

share_affordable_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

NA

NA

3402

8.4.1.2 Variable: share_affordable_50_ami

Summary

Min.

Median

Mean

Max.

NA's

0.65

1.25

1.30

2.85

3402

Data Quality

share_affordable_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

NA

NA

3402

8.4.1.3 Variable: share_affordable_80_ami

Summary

Min.

Median

Mean

Max.

NA's

0.87

1.48

1.50

2.70

3402

Data Quality

share_affordable_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

NA

NA

3402

8.5 Predictor: Housing Stability

8.5.1 Metric: Number and share of public school children who are ever homeless during the school year

Variables: count_homeless, share_homeless, count_homeless_lb, count_homeless_ub, homeless_quality

Years: 2016, 2017, 2018, 2019

Disaggregation: ([link](#))

8.5.1.1 Variable: count_homeless

Summary

Min.

Median

Mean

Max.

NA's

1

710

1,448

53,661

2175

Data Quality

homeless__quality

quality__label

n

1

Strong

1691
2
Marginal
6
3
Weak
16
NA
NA
2175

8.5.1.2 Variable: share_homeless

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.02
0.03
0.92
2175

Data Quality

homeless_quality
quality_label
n
1

Strong
1691
2
Marginal
6
3
Weak
16
NA
NA
2175

8.6 Predictor: Economic Inclusion

8.6.1 Metric: Share of residents experiencing poverty living in high-poverty neighborhoods

Variables: `share_poverty_exposure`, `share_poverty_exposure_quality`

Years: 2021

Disaggregation: ([link](#))

8.6.1.1 Variable: `share_poverty_exposure`

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.00

0.09

0.61

3402

Data Quality

share_poverty_exposure_quality

quality_label

n

1

Strong

452

2

Marginal

34

NA

NA

3402

8.7 Predictor: Racial Diversity

8.7.1 Metric: Neighborhood exposure index, or the share of a person's neighbors who are people of other races and ethnicities

Variables: share_black_nh_exposure, share_black_nh_exposure_quality, share_hispanic_exposure, share_hispanic_exposure_quality, share_other_nh_exposure, share_other_nh_exposure_quality, share_white_nh_exposure, share_white_nh_exposure_quality

Years: 2021

Disaggregation: ([link](#))

8.7.1.1 Variable: share_black_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.08

0.86

0.79

1.00

3402

Data Quality

share_black_nh_exposure_quality

quality_label

n

1

Strong

444

2

Marginal

40

3

Weak

2

NA

NA

3402

8.7.1.2 Variable: share_hispanic_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.04

0.72

0.68

0.97

3402

Data Quality

share_hispanic_exposure_quality

quality_label

n

1

Strong

485

2

Marginal

1

NA

NA

3402

8.7.1.3 Variable: share_other_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.21

0.87

0.83

0.99

3402

Data Quality

share_other_nh_exposure_quality

quality_label

n

1

Strong

478

2

Marginal

7

3

Weak

1

NA

NA

3402

8.7.1.4 Variable: share_white_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.12

0.42

0.46

0.99

3402

Data Quality

share_white_nh_exposure_quality

quality_label

n

1

Strong

486

NA

NA

3402

8.8 Predictor: Social Capital

8.8.1 Metric: Number of membership associations per 10,000 people

Variables: count_membership_associations_per_10k, count_membership_associations_per_10k_quality

Years: 2020

Disaggregation: ([link](#))

8.8.1.1 Variable: count_membership_associations_per_10k

Summary

Min.

Median

Mean

Max.

NA's

0.00

1.60

1.92

7.80

3402

Data Quality

count_membership_associations_per_10k_quality

quality_label

n

1

Strong

157

2

Marginal

329

NA

NA

3402

8.8.2 Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status (“economic connectedness”)

Variables: ratio_high_low_ses_fb_friends, ratio_high_low_ses_fb_friends_quality

Years: 2020

Disaggregation: (link)

8.8.2.1 Variable: ratio_high_low_ses_fb_friends

Summary

Min.

Median

Mean

Max.

NA’s

0.42

0.85

0.87

1.56

3402

Data Quality

ratio_high_low_ses_fb_friends_quality

quality_label

n

1

Strong

13
2
Marginal
108
3
Weak
364
NA
NA
3403

8.9 Predictor: Access to Preschool

8.9.1 Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool

Variables: share_in_preschool, share_in_preschool_quality

Years: 2021

Disaggregation: (link)

8.9.1.1 Variable: share_in_preschool

Summary

Min.

Median

Mean

Max.

NA's

0.05

0.38

0.39

0.86

3402

Data Quality

share_in_preschool_quality

quality_label

n

1

Strong

195

2

Marginal

213

3

Weak

78

NA

NA

3402

8.10 Predictor: Effective Public Education

8.10.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Years: 2016, 2017

Disaggregation: ([link](#))

8.10.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

0.29

1.02

1.02

1.99

3089

Data Quality

rate_learning_quality

quality_label

n

1

Strong

675

2

Marginal

57

3

Weak

67

NA

NA

3089

8.11 Predictor: School Economic Diversity

8.11.1 Metric: Share of students attending high-poverty schools, by student race or ethnicity

Variables: meps20_black, meps20_black_quality, meps20_hispanic, meps20_hispanic_quality, meps20_white, meps20_white_quality

Years: 2016, 2017, 2018

Disaggregation: ([link](#))

8.11.1.1 Variable: meps20_black

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.52

0.48

1.00

2441

Data Quality

meps20_black_quality

quality_label

n

1

Strong

1441
2
Marginal
3
3
Weak
3
NA
NA
2441

8.11.1.2 Variable: meps20_hispanic

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.52
0.50
1.00
2441

Data Quality

meps20__hispanic__quality
quality__label
n
1

Strong
1446
2
Marginal
1
NA
NA
2441

8.11.1.3 Variable: meps20_white

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.21
0.30
1.00
2441

Data Quality

meps20_white_quality
quality_label
n
1
Strong
1447

NA
NA
2441

8.12 Predictor: Preparation for College

8.12.1 Metric: Share of 19- and 20-year-olds with a high school degree

Variables: share_hs_degree, share_hs_degree_quality

Years: 2021

Disaggregation: ([link](#))

8.12.1.1 Variable: share_hs_degree

Summary

Min.

Median

Mean

Max.

NA's

0.53

0.92

0.91

1.00

3402

Data Quality

share_hs_degree_quality

quality_label

n

1
Strong
210
2
Marginal
225
3
Weak
51
NA
NA
3402

8.13 Predictor: Digital Access

8.13.1 Metric: Share of households with broadband access in the home

Variables: share_digital_access, share_digital_access_quality

Years: 2021

Disaggregation: ([link](#))

8.13.1.1 Variable: share_digital_access

Summary

Min.

Median

Mean

Max.

NA's

0.66

0.90

0.89

0.98

3402

Data Quality

share_digital_access_quality

quality_label

n

1

Strong

486

NA

NA

3402

8.14 Predictor: Employment Opportunities

8.14.1 Metric: Employment-to-population ratio for adults ages 25 to 54

Variables: share_employed, share_employed_quality

Years: 2021

Disaggregation: (link)

8.14.1.1 Variable: share_employed

Summary

Min.

Median

Mean

Max.

NA's

0.59

0.80

0.79

0.93

3402

Data Quality

share_employed_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

NA

NA

3402

8.15 Predictor: Opportunities for Income

8.15.1 Metric: Household income at the 20th, 50th, and 80th percentiles

Variables: pctl_income_20, pctl_income_50, pctl_income_80, pctl_income_quality

Years: 2021

Disaggregation: ([link](#))

8.15.1.1 Variable: pctl_income_20

Summary

Min.

Median

Mean

Max.

NA's

12,359.14

30,640.36

31,871.92

85,484.02

3402

Data Quality

pctl_income_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

NA

NA

3402

8.15.1.2 Variable: pctl_income_50

Summary

Min.

Median

Mean

Max.

NA's

36,047.48

70,060.85

75,058.31

185,387.04

3402

Data Quality

pctl_income_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

NA

NA

3402

8.15.1.3 Variable: pctl_income_80

Summary

Min.

Median

Mean

Max.

NA's

72,094.96

134,405.60

146,042.23

424,742.31

3402

Data Quality

pctl_income_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

NA

NA

3402

8.16 Predictor: Financial Security

8.16.1 Metric: Share with debt in collections

Variables: share_debt_col, share_debt_col_lb, share_debt_col_ub, share_debt_col_quality

Years: 2021

Disaggregation: ([link](#))

8.16.1.1 Variable: share_debt_col

Summary

Min.

Median

Mean

Max.

NA's

0.12

0.32

0.33

0.58

3784

Data Quality

share_debt_col_quality

quality_label

n

1

Strong

104

NA

NA

3784

8.17 Predictor: Wealth Building Opportunities

8.17.1 Metric: Ratio of the share of a community's housing wealth held by a racial or ethnic group to the share of households of the same group

Variables: ratio_black_nh_house_value_households, ratio_hispanic_house_value_households, ratio_other_nh_house_value_households, ratio_white_nh_house_value_households, ratio_black_nh_house_value_households_quality, ratio_hispanic_house_value_households_quality, ratio_other_nh_house_value_households_quality, ratio_white_nh_house_value_households_quality

Years: 2014, 2015, 2016, 2017, 2018, 2019, 2021

Disaggregation: ([link](#))

8.17.1.1 Variable: ratio_black_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.0%:0.0%

NA

NA

9.9%:9.3%

486

Data Quality

ratio_black_nh_house_value_households_quality

quality_label

n

1

Strong

549

2
Marginal
930
3
Weak
1923
NA
NA
486

8.17.1.2 Variable: ratio_hispanic_house_value_households

Summary

Min.
Median
Mean
Max.
NA's
0.0%:0.7%
NA
NA
96.8%:95.7%
486

Data Quality

ratio_hispanic_house_value_households_quality
quality_label
n
1
Strong

510
2
Marginal
1168
3
Weak
1724
NA
NA
486

8.17.1.3 Variable: ratio_other_nh_house_value_households

Summary

Min.
Median
Mean
Max.
NA's
0.0%:0.0%
NA
NA
9.9%:9.6%
486

Data Quality

ratio_other_nh_house_value_households_quality
quality_label
n
1

Strong
547
2
Marginal
1215
3
Weak
1640
NA
NA
486

8.17.1.4 Variable: ratio_white_nh_house_value_households

Summary

Min.
Median
Mean
Max.
NA's
0.7%:1.3%
NA
NA
99.3%:89.6%
486

Data Quality

ratio_white_nh_house_value_households_quality
quality_label
n

1
Strong
720
2
Marginal
1456
3
Weak
1226
NA
NA
486

8.18 Predictor: Environmental Quality

8.18.1 Metric: Air quality index

Variables: index_air_quality, index_air_quality_quality

Years: 2014, 2018

Disaggregation: ([link](#))

8.18.1.1 Variable: index_air_quality

Summary

Min.

Median

Mean

Max.

NA's

0.00

40.00

40.19

96.00

2922

Data Quality

index_air_quality_quality

quality_label

n

1

Strong

966

NA

NA

2922

8.19 Predictor: Political Participation

8.19.1 Metric: Share of the voting-eligible population who turn out to vote

Variables: share_election_turnout, share_election_turnoutt_quality

Years: 2020

Disaggregation: ([link](#))

8.19.1.1 Variable: share_election_turnout

Summary

Min.

Median

Mean

Max.

NA's

0.29

0.64

0.64

0.94

3402

Data Quality

share_election_turnout_quality

quality_label

n

1

Strong

408

2

Marginal

42

3

Weak

36

NA

NA

3402

8.20 Predictor: Descriptive Representation

8.20.1 Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group

Variables: share_desc_rep_asian_other, share_desc_rep_asian_other_quality, share_desc_rep_black_nonhispanic, share_desc_rep_hispanic, share_desc_rep_white_nonhispanic

Years: 2021

Disaggregation: ([link](#))

8.21 Predictor: Safety from Crime

8.21.1 Metric: Rates of reported violent crime and property crime

Variables: rate_violent_crime, rate_property_crime, rate_crime_quality

Years: 2021

Disaggregation: ([link](#))

8.21.1.1 Variable: rate_violent_crime

Summary

Min.

Median

Mean

Max.

NA's

0.00

1,240.61

1,448.08

13,765.64

3574

Data Quality

rate_crime_quality

quality_label

n

1

Strong

209

2

Marginal

75

3

Weak

30

NA

NA

3574

8.21.1.2 Variable: rate_property_crime

Summary

Min.

Median

Mean

Max.

NA's

0.00

3,434.57

3,875.26

22,171.84

3574

Data Quality

rate_crime_quality

quality_label

n

1

Strong

209

2

Marginal

75

3

Weak

30

NA

NA

3574

8.22 Predictor: Just Policing

8.22.1 Metric: Rate of juvenile justice arrests

Variables: rate_juv_arrest, rate_juv_arrest_quality

Years: 2021

Disaggregation: ([link](#))

8.22.1.1 Variable: rate_juv_arrest

Summary

Min.

Median

Mean

Max.

NA's

0.00

1,030.99

1,386.13

11,169.73

3578

Data Quality

rate_juv_arrest_quality

quality_label

n

1

Strong

199

2

Marginal

83

3

Weak

28

NA

NA

3578

9 City Recent Data

year

9.1 State

state state_name

9.2 County

county county_name

9.3 Population

population

9.4 Predictor: Housing Affordability

9.4.1 Metric: Ratio of affordable and available housing units to households with low-, very low-, and extremely low income levels

Variables: share_affordable_30_ami, share_affordable_50_ami, share_affordable_80_ami, share_affordable_quality

Disaggregation: ([link](#))

9.4.1.1 Variable: share_affordable_30_ami

Summary

Min.

Median

Mean

Max.

NA's

0.39

1.05

1.13

3.43

0

Data Quality

share_affordable_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

9.4.1.2 Variable: share_affordable_50_ami

Summary

Min.

Median

Mean

Max.

NA's

0.65

1.25

1.30

2.85

0

Data Quality

share_affordable_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

9.4.1.3 Variable: share_affordable_80_ami

Summary

Min.

Median

Mean

Max.

NA's

0.87

1.48

1.50

2.70

0

Data Quality

share_affordable_quality

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

9.5 Predictor: Housing Stability

9.5.1 Metric: Number and share of public school children who are ever homeless during the school year

Variables: count_homeless, share_homeless, count_homeless_lb, count_homeless_ub, homeless_quality

Disaggregation: ([link](#))

9.5.1.1 Variable: count_homeless

Summary

Min.

Median

Mean

Max.

NA's

1

665

1,302

21,911

56

Data Quality

homeless__quality

quality__label

n

1

Strong

425

2

Marginal

2

3

Weak

3

NA

NA

56

9.5.1.2 Variable: share_homeless

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.02

0.03

0.32

56

Data Quality

homeless_quality

quality_label

n

1

Strong

425

2

Marginal

2

3

Weak

3

NA

NA

56

9.6 Predictor: Economic Inclusion

9.6.1 Metric: Share of residents experiencing poverty living in high-poverty neighborhoods

Variables: `share_poverty_exposure`, `share_poverty_exposure_quality`

Disaggregation: [\(link\)](#)

9.6.1.1 Variable: `share_poverty_exposure`

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.00

0.09

0.61

0

Data Quality

share_poverty_exposure_quality

quality_label

n

1

Strong

452

2

Marginal

34

9.7 Predictor: Racial Diversity

9.7.1 Metric: Neighborhood exposure index, or the share of a person's neighbors who are people of other races and ethnicities

Variables: share_black_nh_exposure, share_black_nh_exposure_quality, share_hispanic_exposure, share_hispanic_exposure_quality, share_other_nh_exposure, share_other_nh_exposure_quality, share_white_nh_exposure, share_white_nh_exposure_quality

Disaggregation: ([link](#))

9.7.1.1 Variable: share_black_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.08
0.86
0.79
1.00
0

Data Quality

share_black_nh_exposure_quality
quality_label
n
1
Strong
444
2
Marginal
40
3
Weak
2

9.7.1.2 Variable: share_hispanic_exposure

Summary

Min.
Median
Mean
Max.
NA's
0.04
0.72

0.68

0.97

0

Data Quality

share_hispanic_exposure_quality

quality_label

n

1

Strong

485

2

Marginal

1

9.7.1.3 Variable: share_other_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.21

0.87

0.83

0.99

0

Data Quality

share_other_nh_exposure_quality

quality_label

n

1

Strong

478

2

Marginal

7

3

Weak

1

9.7.1.4 Variable: share_white_nh_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.12

0.42

0.46

0.99

0

Data Quality

share_white_nh_exposure_quality

quality_label

n

1

Strong

486

9.8 Predictor: Social Capital

9.8.1 Metric: Number of membership associations per 10,000 people

Variables: `count_membership_associations_per_10k`, `count_membership_associations_per_10k_quality`

Disaggregation: ([link](#))

9.8.1.1 Variable: `count_membership_associations_per_10k`

Summary

Min.

Median

Mean

Max.

NA's

0.00

1.60

1.92

7.80

0

Data Quality

`count_membership_associations_per_10k_quality`

`quality_label`

n

1

Strong

157

2

Marginal

329

9.8.2 Metric: Ratio of Facebook friends with higher socioeconomic status to Facebook friends with lower socioeconomic status (“economic connectedness”)

Variables: ratio_high_low_ses_fb_friends, ratio_high_low_ses_fb_friends_quality

Disaggregation: (link)

9.8.2.1 Variable: ratio_high_low_ses_fb_friends

Summary

Min.

Median

Mean

Max.

NA's

0.42

0.85

0.87

1.56

0

Data Quality

ratio_high_low_ses_fb_friends_quality

quality_label

n

1

Strong
13
2
Marginal
108
3
Weak
364
NA
NA
1

9.9 Predictor: Access to Preschool

9.9.1 Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool

Variables: `share_in_preschool`, `share_in_preschool_quality`

Disaggregation: [\(link\)](#)

9.9.1.1 Variable: `share_in_preschool`

Summary

Min.

Median

Mean

Max.

NA's

0.05

0.38

0.39

0.86

0

Data Quality

share_in_preschool_quality

quality_label

n

1

Strong

195

2

Marginal

213

3

Weak

78

9.10 Predictor: Effective Public Education

9.10.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Disaggregation: (link)

9.10.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

0.29

0.99

1.00

1.54

88

Data Quality

rate_learning_quality

quality_label

n

1

Strong

336

2

Marginal

30

3

Weak

32

NA

NA

88

9.11 Predictor: School Economic Diversity

9.11.1 Metric: Share of students attending high-poverty schools, by student race or ethnicity

Variables: meps20_black, meps20_black_quality, meps20_hispanic, meps20_hispanic_quality, meps20_white, meps20_white_quality

Disaggregation: ([link](#))

9.11.1.1 Variable: meps20_black

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.48

0.47

1.00

3

Data Quality

meps20_black_quality

quality_label

n

1

Strong

482

3

Weak

1

NA

NA

3

9.11.1.2 Variable: meps20_hispanic

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.47

0.48

1.00

3

Data Quality

meps20_hispanic_quality

quality_label

n

1

Strong

482

2

Marginal

1
NA
NA
3

9.11.1.3 Variable: meps20_white

Summary

Min.
Median
Mean
Max.
NA's
0.00
0.19
0.28
1.00
3

Data Quality

meps20__white__quality
quality__label
n
1
Strong
483
NA
NA
3

9.12 Predictor: Preparation for College

9.12.1 Metric: Share of 19- and 20-year-olds with a high school degree

Variables: share_hs_degree, share_hs_degree_quality

Disaggregation: (link)

9.12.1.1 Variable: share_hs_degree

Summary

Min.

Median

Mean

Max.

NA's

0.53

0.92

0.91

1.00

0

Data Quality

share_hs_degree_quality

quality_label

n

1

Strong

210

2

Marginal

225

3

Weak

51

9.13 Predictor: Digital Access

9.13.1 Metric: Share of households with broadband access in the home

Variables: share_digital_access, share_digital_access_quality

Disaggregation: ([link](#))

9.13.1.1 Variable: share_digital_access

Summary

Min.

Median

Mean

Max.

NA's

0.66

0.90

0.89

0.98

0

Data Quality

share_digital_access_quality

quality_label

n

1

Strong

9.14 Predictor: Employment Opportunities

9.14.1 Metric: Employment-to-population ratio for adults ages 25 to 54

Variables: `share_employed`, `share_employed_quality`

Disaggregation: [\(link\)](#)

9.14.1.1 Variable: `share_employed`

Summary

Min.

Median

Mean

Max.

NA's

0.59

0.80

0.79

0.93

0

Data Quality

`share_employed_quality`

`quality_label`

n

1

Strong

220

2

Marginal

247

3

Weak

19

9.15 Predictor: Opportunities for Income

9.15.1 Metric: Household income at the 20th, 50th, and 80th percentiles

Variables: `pctl_income_20`, `pctl_income_50`, `pctl_income_80`, `pctl_income_quality`

Disaggregation: ([link](#))

9.15.1.1 Variable: `pctl_income_20`

Summary

Min.

Median

Mean

Max.

NA's

12,359.14

30,640.36

31,871.92

85,484.02

0

Data Quality

`pctl_income_quality`

quality_label

n

1

Strong

220

2

Marginal

247

3

Weak

19

9.15.1.2 Variable: pctl_income_50

Summary

Min.

Median

Mean

Max.

NA's

36,047.48

70,060.85

75,058.31

185,387.04

0

Data Quality

pctl_income__quality

quality_label

n

1
Strong
220
2
Marginal
247
3
Weak
19

9.15.1.3 Variable: pctl_income_80

Summary

Min.
Median
Mean
Max.
NA's
72,094.96
134,405.60
146,042.23
424,742.31
0

Data Quality

pctl_income_quality
quality_label
n
1
Strong

220

2

Marginal

247

3

Weak

19

9.16 Predictor: Financial Security

9.16.1 Metric: Share with debt in collections

Variables: `share_debt_col`, `share_debt_col_lb`, `share_debt_col_ub`, `share_debt_col_quality`

Disaggregation: ([link](#))

9.16.1.1 Variable: `share_debt_col`

Summary

Min.

Median

Mean

Max.

NA's

0.12

0.32

0.33

0.58

382

Data Quality

share_debt_col_quality

quality_label

n

1

Strong

104

NA

NA

382

9.17 Predictor: Wealth Building Opportunities

9.17.1 Metric: Ratio of the share of a community's housing wealth held by a racial or ethnic group to the share of households of the same group

Variables: ratio_black_nh_house_value_households, ratio_hispanic_house_value_households, ratio_other_nh_house_value_households, ratio_white_nh_house_value_households, ratio_black_nh_house_value_households_quality, ratio_hispanic_house_value_households_quality, ratio_other_nh_house_value_households_quality, ratio_white_nh_house_value_households_quality

Disaggregation: ([link](#))

9.17.1.1 Variable: ratio_black_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.0%:0.0%

NA

NA

9.8%:9.9%

0

Data Quality

ratio_black_nh_house_value_households_quality

quality_label

n

1

Strong

81

2

Marginal

136

3

Weak

269

9.17.1.2 Variable: ratio_hispanic_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.5%:2.7%

NA

NA

95.0%:95.4%

0

Data Quality

ratio_hispanic_house_value_households_quality

quality_label

n

1

Strong

79

2

Marginal

178

3

Weak

229

9.17.1.3 Variable: ratio_other_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

0.0%:1.1%

NA

NA

9.8%:14.3%

0

Data Quality

ratio_other_nh_house_value_households_quality

quality_label

n

1

Strong

88

2

Marginal

191

3

Weak

207

9.17.1.4 Variable: ratio_white_nh_house_value_households

Summary

Min.

Median

Mean

Max.

NA's

1.8%:1.3%

NA

NA

94.0%:85.3%

0

Data Quality

ratio_white_nh_house_value_households_quality

quality_label

n

1

Strong

102

2

Marginal

208

3

Weak

176

9.18 Predictor: Environmental Quality

9.18.1 Metric: Air quality index

Variables: index_air_quality, index_air_quality_quality

Disaggregation: ([link](#))

9.18.1.1 Variable: index_air_quality

Summary

Min.

Median

Mean

Max.

NA's

0.00

39.00

38.39

96.00

3

Data Quality

index_air_quality_quality

quality_label

n

1

Strong

483

NA

NA

3

9.19 Predictor: Political Participation

9.19.1 Metric: Share of the voting-eligible population who turn out to vote

Variables: share_election_turnout, share_election_turnoutt_quality

Disaggregation: ([link](#))

9.19.1.1 Variable: share_election_turnout

Summary

Min.

Median

Mean

Max.

NA's

0.29

0.64

0.64

0.94

0

Data Quality

share_election_turnout_quality

quality_label

n

1

Strong

408

2

Marginal

42

3

Weak

36

9.20 Predictor: Descriptive Representation

9.20.1 Metric: Ratio of the share of local elected officials of a racial or ethnic group to the share of residents of the same racial or ethnic group

Variables: `share_desc_rep_asian_other`, `share_desc_rep_asian_other_quality`,
`share_desc_rep_black_nonhispanic`, `share_desc_rep_hispanic`, `share_desc_rep_white_nonhispanic`

Disaggregation: ([link](#))

9.21 Predictor: Safety from Crime

9.21.1 Metric: Rates of reported violent crime and property crime

Variables: `rate_violent_crime`, `rate_property_crime`, `rate_crime_quality`

Disaggregation: ([link](#))

9.21.1.1 Variable: `rate_violent_crime`

Summary

Min.

Median

Mean

Max.

NA's

0.00

1,240.61

1,448.08

13,765.64

172

Data Quality

`rate_crime_quality`

quality_label

n

1

Strong

209

2

Marginal

75

3

Weak

30

NA

NA

172

9.21.1.2 Variable: rate_property_crime

Summary

Min.

Median

Mean

Max.

NA's

0.00

3,434.57

3,875.26

22,171.84

172

Data Quality

rate_crime_quality

quality_label

n

1

Strong

209

2

Marginal

75

3

Weak

30

NA

NA

172

9.22 Predictor: Just Policing

9.22.1 Metric: Rate of juvenile justice arrests

Variables: rate_juv_arrest, rate_juv_arrest_quality

Disaggregation: ([link](#))

9.22.1.1 Variable: rate_juv_arrest

Summary

Min.

Median

Mean

Max.

NA's

0.00

1,030.99

1,386.13

11,169.73

176

Data Quality

rate_juv_arrest_quality

quality_label

n

1

Strong

199

2

Marginal

83

3

Weak

28

NA

NA

176

10 City Race/Ethnicity Data

year

10.1 State

state state_name

10.2 County

county county_name

10.3 Population

population

10.4 Predictor: Access to Preschool

10.4.1 Metric: Share of 3- to 4-year-olds enrolled in nursery school or preschool

Variables: share_in_preschool, share_in_preschool_quality

Years: 2021

10.4.1.1 Variable: share_in_preschool

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.42

0.44

1.00

21887

Data Quality

share_in_preschool_quality

quality_label

n

1

Strong

850

2

Marginal

848

3

Weak

732

NA

NA

21870

10.5 Predictor: Effective Public Education

10.5.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Years: 2016, 2017

10.5.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

−2.40

1.01

1.02

2.75

21214

Data Quality

rate_learning_quality

quality_label

n

1

Strong

2308

2

Marginal

355

3

Weak

423

NA

NA

21214

10.6 Predictor: Preparation for College

10.6.1 Metric: Share of 19- and 20-year-olds with a high school degree

Variables: `share_hs_degree`, `share_hs_degree_quality`

Years: 2021

10.6.1.1 Variable: `share_hs_degree`

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.93

0.91

1.00

21877

Data Quality

share_hs_degree_quality

quality_label

n

1

Strong

918

2

Marginal

901

3

Weak

611

NA

NA

21870

10.7 Predictor: Employment Opportunities

10.7.1 Metric: Employment-to-population ratio for adults ages 25 to 54

Variables: share_employed, share_employed_quality

Years: 2021

10.7.1.1 Variable: share_employed

Summary

Min.

Median

Mean

Max.

NA's

0.14

0.79

0.78

1.00

21870

Data Quality

share_employed_quality

quality_label

n

1

Strong

1095

2

Marginal

1225

3

Weak

110

NA

NA

21870

10.8 Predictor: Opportunities for Income

10.8.1 Metric: Household income at the 20th, 50th, and 80th percentiles

Variables: pctl_income_20, pctl_income_50, pctl_income_80, pctl_income_quality

Years: 2021

10.8.1.1 Variable: pctl_income_20

Summary

Min.

Median

Mean

Max.

NA's

5,465.66

30,897.84

32,861.24

225,142.26

21870

Data Quality

pctl_income__quality

quality__label

n

1

Strong

1098

2

Marginal

1226

3

Weak

106

NA

NA

21870

10.8.1.2 Variable: pctl_income_50

Summary

Min.

Median

Mean

Max.

NA's

20,117.61

72,846.14

102,650.01

10,111,888.99

21870

Data Quality

pctl_income__quality

quality__label

n

1

Strong

1098

2
Marginal
1226
3
Weak
106
NA
NA
21870

10.8.1.3 Variable: `pctl_income_80`

Summary

Min.
Median
Mean
Max.
NA's
50,549.93
150,544.55
779,536.24
10,299,278.97
21870

Data Quality

`pctl_income_quality`
`quality_label`
n
1
Strong

1098

2

Marginal

1226

3

Weak

106

NA

NA

21870

11 City Race Data

year

11.1 State

state state_name

11.2 County

county county_name

11.3 Population

population

11.4 Predictor: Digital Access

11.4.1 Metric: Share of households with broadband access in the home

Variables: share_digital_access, share_digital_access_quality

Years: 2021

11.4.1.1 Variable: share_digital_access

Summary

Min.

Median

Mean

Max.

NA's

0.38

0.89

0.88

1.00

3

Data Quality

share_digital_access_quality

quality_label

n

1

Strong

2179

2

Marginal

207

3

Weak

41

NA

NA

3

11.5 Predictor: Just Policing

11.5.1 Metric: Rate of juvenile justice arrests

Variables: rate_juv_arrest, rate_juv_arrest_quality

Years: 2021

11.5.1.1 Variable: rate_juv_arrest

Summary

Min.

Median

Mean

Max.

NA's

0.00

689.99

1,685.17

40,625.00

882

Data Quality

rate_juv_arrest_quality

quality_label

n

1

Strong

993

2

Marginal

415

3

Weak

140

NA

NA

882

12 City Poverty Exposure Data

12.0.1 Metric: Share of residents experiencing poverty living in high-poverty neighborhoods

Variables: share_poverty_exposure, share_poverty_exposure_quality

Years: 2021

12.0.1.1 Variable: share_poverty_exposure

Summary

Min.

Median

Mean

Max.

NA's

0.00

0.00

0.08

1.00

4

Data Quality

share_poverty_exposure_quality

quality_label

n

1

Strong

1298

2

Marginal

783

3

Weak

345

NA

NA

4

13 City Race Share Data

13.0.1 Metric: Air quality index

Variables: index_air_quality, index_air_quality_quality

Years: 2014, 2018

13.0.1.1 Variable: index_air_quality

Summary

Min.

Median

Mean

Max.

NA's

0.00

40.00

39.89

97.00

452

Data Quality

index_air_quality_quality

quality_label

n

1

Strong

2455

NA

NA

452

14 City SEDA Data

14.0.1 Metric: Average per grade change in English Language Arts achievement between third and eighth grades

Variables: rate_learning, rate_learning_lb, rate_learning_ub, rate_learning_quality

Years: 2016, 2017

14.0.1.1 Variable: rate_learning

Summary

Min.

Median

Mean

Max.

NA's

−0.40

1.00

1.00

2.29

529

Data Quality

rate_learning_quality

quality_label

n

1

Strong

1919

2

Marginal

229

3

Weak

233

NA

NA

529

15 News

16 Contact

Contact [Aaron R. Williams](#) with questions or comments.