

# Metrics

The metrics are not tied to specific goals in the plan but rather are benchmarks to see how the city is changing over time.

Oftentimes, metrics shift due to trends outside of the City's control; therefore, it is problematic to tie metric movement directly to City actions. New data for the metrics should be gathered every other year and shared in the annual report.

TABLE 7 // Metrics

| Metric  | Desired Trend | Baseline Statistic | Baseline Year | Data Source  | Data Notes  |
|---|---------------|--------------------|---------------|--------------|---|
| Total population  | Increase      | 230,436            | 2019          | Census       | Census, 2019 Population Estimates   |
| Total Jobs  | Increase      | 204,125            | 2020          | Census       | ESRI Business Analyst Online, Business Summary  |
| % population in poverty   | Decrease      | 21.9%              | 2018          | Census       | 2018 ACS 1-Year Estimates (Table S1701) 47,857 (+/- 6,758) / 219,006 (+/- 1,770)  |
| % population with a high-school degree                                      | Increase      | 85.1%              | 2018          | Census       | 2018 ACS 1-Year Estimates (Table S1501) 137,195 (+/- 3,294) high school graduate or higher / 161,126 (+/- 274) population 25 years and over |
| % of population with a post-secondary degree                                | Increase      | 41.9%              | 2018          | Census       | 2018 ACS 1-Year Estimates (Table S1501) 67,516 (+/- 3,246) bachelor's degree or higher / 161,126 (+/- 274) population 25 years and over     |
| Median income (adjusted for inflation using 2019 as baseline for inflation) | Increase      | \$61,937           | 2018          | Census       | 2018 ACS 1-Year Estimates (Table S1901) \$61,937 (+/- 94)   |
| City-wide WalkScore   | Increase      | 52                 | 2020          | WalkScore    | WalkScore.com   |
| % population living within 1/2 mile of high-frequency transit*              | Increase      | 51.7%              | 2014-2018     | Census, GRTC | ESRI Business Analyst Online, 2014-2018 ACS 5-Year Estimates 115,800 (+/- 2,720) / 223,787  |
| % of jobs within 1/2 mile of high-frequency transit*                        | Increase      | 77.7%              | 2020          | Census, GRTC | ESRI Business Analyst Online, Business Summary 158,644 / 204,125  |
| # of deaths and severe injuries due to transportation crashes               | Decrease      | 193                | 2019          | VDOT         | VDOT Crash Data   |
| Miles of bike lanes   | Increase      | 49                 | 2020          | City         | DPW   |

| Metric   | Desired Trend | Baseline Statistic | Baseline Year | Data Source   | Data Notes   |
|--|---------------|--------------------|---------------|---------------|--|
| Miles of sidewalks   | Increase      | 836                | 2020          | City          | DPW  |
| % of workers who drive alone to work   | Decrease      | 71.7%              | 2018          | Census        | 2018 ACS 1-Year Estimates (Table B08006) 83,742 (+/- 4,230) / 116,812 (+/- 3,875) Workers 16 years and over  |
| % of workers who bike, walk, take transit to work                            | Increase      | 14.0%              | 2018          | Census        | 2018 ACS 1-Year Estimates (Table B08006) 7,441 (+/- 2,017) + 3,734 (+/- 1,601) + 5,160 (+/- 1,216) / 116,812 (+/- 3,875) Workers 16 years and over |
| % of homes occupied by a homeowner   | Increase      | 42.1%              | 2018          | Census        | 2018 ACS 1-Year Estimates (Table S2502) 38,430 (+/- 2,235) / 91,359 (+/- 1,702)  |
| % of Blacks who are homeowners   | Increase      | 31.4%              | 2018          | Census        | 2018 ACS 1-Year Estimates (Table S2502) 11,825 (+/- 1,504) / 37,649 (+/- 1,988)  |
| % population that is housing-cost burdened (housing >= 30% of income)        | Decrease      | 41.4%              | 2013-2017     | HUD, CHAS     | CHAS (2013-2017 ACS) 17,790 + 19,130 / 89,240  |
| % population in poverty that are housing-cost burdened                       | Decrease      | 74.8%              | 2013-2017     | HUD           | CHAS (2013-2017 ACS) 15,990 / 21,370   |
| Annual per capita greenhouse gas emissions (metric tons of CO <sub>2</sub> ) | Decrease      | 11.81              | 2018          | City          |  |
| Daily per capita residential water usage (gallons)                           | Decrease      | 34.12              | FY19          | City          | DPU, FY19, Multi-Family Usage + Residential Usage / 2019 Population / 365  |
| % of population living within a 10-minute walk of a park                     | Increase      | 78%                |               | parkscore.org |  |
| % of urban tree canopy   | Increase      | 42%                | 2010          | Virginia Tech | McKee, Jennifer, <i>A Report on the City of Richmond's Existing and Possible Urban Tree Canopy</i> , Virginia Tech: 2010                           |

\* High-frequency transit = transit that arrives at least every 15 minutes