GreaterWashington**2050**

**LAND USE**

## GOALS

1) We seek the enhancement of established neighborhoods of differing densities with compact, walkable infill development and preservation of open space, farmland and environmental resource land in rural areas.

2) We seek transit-oriented and mixed-use communities emerging in regional activity centers that will capture new employment and household growth.

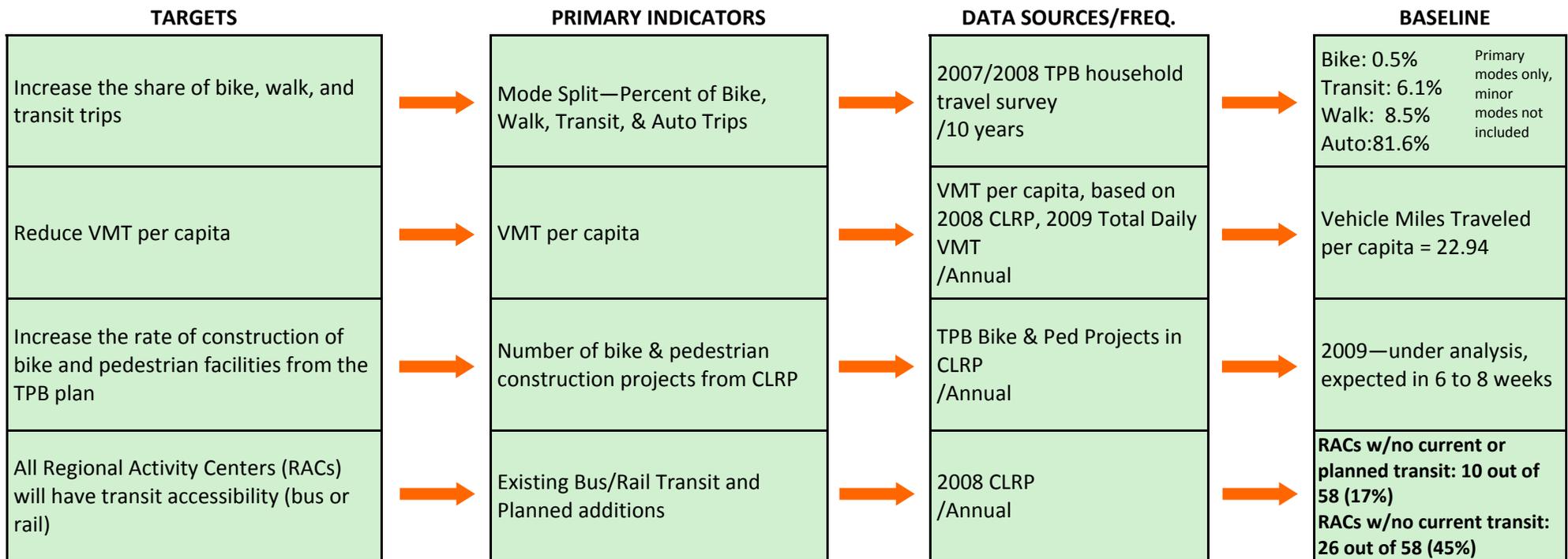| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE |
|---|---|---|---|
| Beginning in 2012, capture 75% of the square footage of new commercial construction in Regional Activity Centers | Percent of new square footage of commercial construction in Regional Activity Centers | MWCOG Commercial Construction Report /Annual | High 2006: 57% Low 2003: 43%  2008: 53% |
| Beginning in 2012, capture 50% of new households (HH) in Regional Activity Centers | Percent of new household growth in Regional Activity Centers | MWCOG Cooperative Forecasting Program /1-2 years | 2005  13% of total reg. HH  2030  16% of total reg. HH  2005—2030: 25% growth or 165,070 households |
| Beginning in 2012, the region will maintain more than 450,000 acres of agriculture land in farms. | Acres of agriculture land | USDA Agriculture Census /5 years | 2002 = 523,614  ⟩ -7%  2007 = 489,004  *(trend—acres)*  -7%  2012 = 456,682 |
| By 2020, The Housing + Transportation costs in Regional Activity Centers do not exceed 45 percent of area median income. | Housing + Transportation Cost Index.   The index is defined as: H+T Index = (housing costs + transportation costs) / Income | Center for Neighborhood Technology/US Census (10 yr) | See Maps on Page 10 |

## OTHER INDICATORS

- Percent of households and jobs in Regional Activity Centers
- Percent of households and jobs within a 1/2 mile of a transit station
- Square Feet of mixed use development
- Green Infrastructure Acres & preserved/protected open space
- Walk Score of Activity Centers

GreaterWashington**2050**

## GOALS

**TRANSPORTATION**

1) We seek a broad range of public and private transportation choices for our Region which maximizes accessibility and affordability to everyone and minimizes reliance upon single occupancy use of the automobile.

2) We seek a transportation system that maximizes community connectivity and walkability, and minimizes ecological harm to the Region and world beyond.

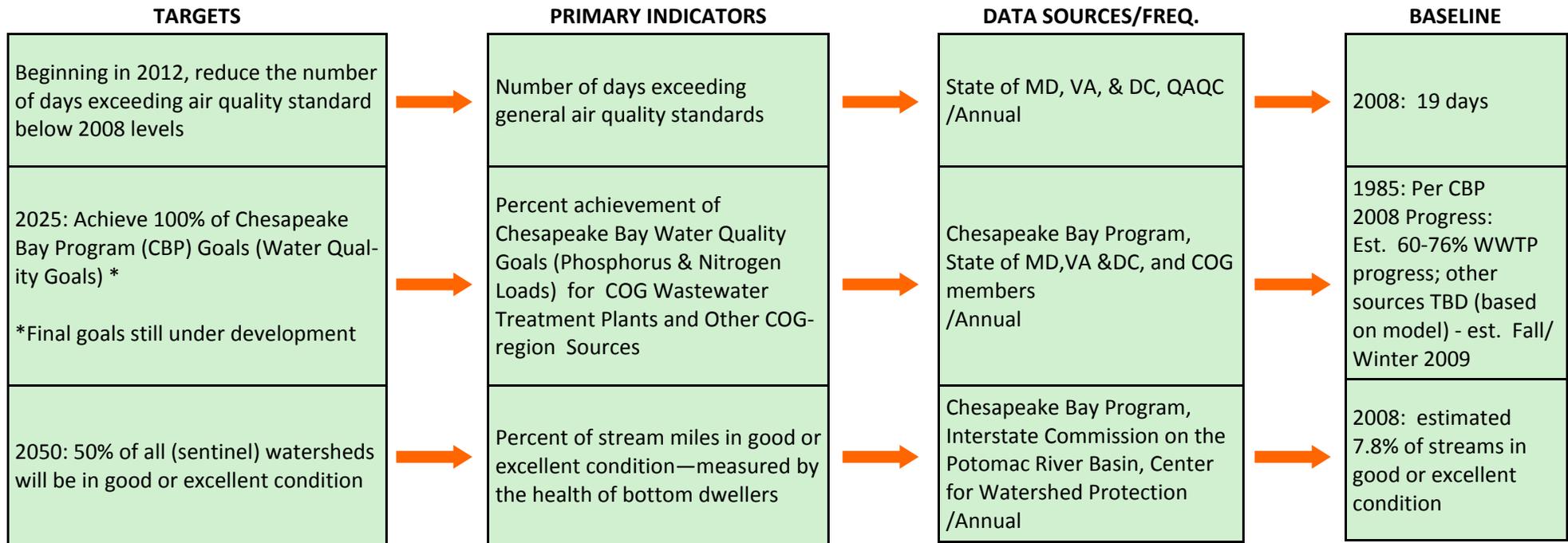| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE |
|---|---|---|---|
| Increase the share of bike, walk, and transit trips | Mode Split—Percent of Bike, Walk, Transit, & Auto Trips | 2007/2008 TPB household travel survey /10 years | Bike: 0.5% Transit: 6.1% Walk: 8.5% Auto:81.6%  *Primary modes only, minor modes not included* |
| Reduce VMT per capita | VMT per capita | VMT per capita, based on 2008 CLRP, 2009 Total Daily VMT /Annual | Vehicle Miles Traveled per capita = 22.94 |
| Increase the rate of construction of bike and pedestrian facilities from the TPB plan | Number of bike & pedestrian construction projects from CLRP | TPB Bike & Ped Projects in CLRP /Annual | 2009—under analysis, expected in 6 to 8 weeks |
| All Regional Activity Centers (RACs) will have transit accessibility (bus or rail) | Existing Bus/Rail Transit and Planned additions | 2008 CLRP /Annual | **RACs w/no current or planned transit: 10 out of 58 (17%) RACs w/no current transit: 26 out of 58 (45%)** |

## OTHER INDICATORS

- Accessibility to non-work activities by walk and bike
- Congestion Indicator—Tri Annual Aerial Survey of Congestion on Freeways
- Emissions per vehicle mile

- Vehicle Registration per capita
- Transit share of work trips to jobs in activity clusters
- LOV, HOV and transit work trips/share
- Accessibility to jobs within 45 minutes

GreaterWashington**2050**

**ENVIRONMENTAL**

**GOALS**

1) We seek to maximize protection and enhancement of the Region's environmental resources by meeting and exceeding standards for our air, water, and land.

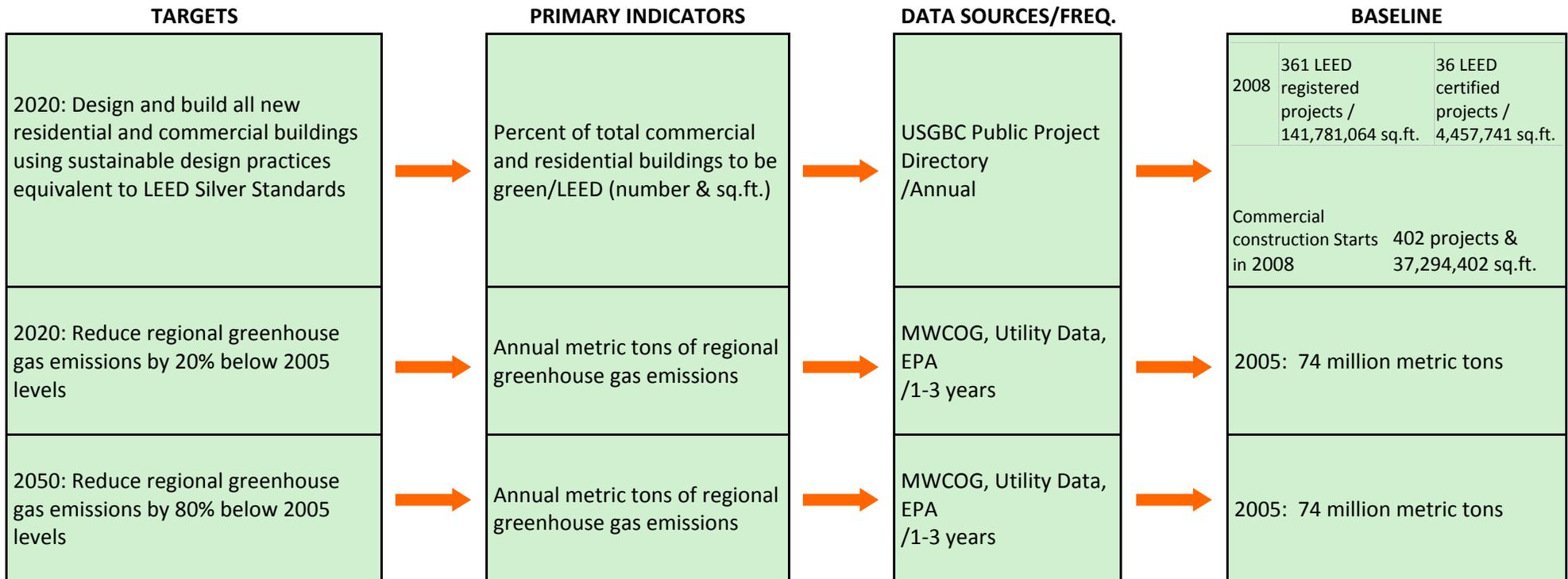2) We seek preservation and enhancement of our Region's open space, green space, and wildlife preserves.

| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE |
|---|---|---|---|
| Beginning in 2012, reduce the number of days exceeding air quality standard below 2008 levels | Number of days exceeding general air quality standards | State of MD, VA, & DC, QAQC /Annual | 2008: 19 days |
| 2025: Achieve 100% of Chesapeake Bay Program (CBP) Goals (Water Quality Goals) *<br><br>*Final goals still under development | Percent achievement of Chesapeake Bay Water Quality Goals (Phosphorus & Nitrogen Loads) for COG Wastewater Treatment Plants and Other COG-region Sources | Chesapeake Bay Program, State of MD,VA &DC, and COG members /Annual | 1985: Per CBP 2008 Progress: Est. 60-76% WWTP progress; other sources TBD (based on model) - est. Fall/Winter 2009 |
| 2050: 50% of all (sentinel) watersheds will be in good or excellent condition | Percent of stream miles in good or excellent condition—measured by the health of bottom dwellers | Chesapeake Bay Program, Interstate Commission on the Potomac River Basin, Center for Watershed Protection /Annual | 2008: estimated 7.8% of streams in good or excellent condition |

**OTHER INDICATORS**

- Forest Coverage
- Percent of planned wastewater treatment capacity remaining
- Water usage per capita

- Regional Recycling Rate per capita
- Solid Waste Generation per capita

3.

GreaterWashington**2050**

**CLIMATE & ENERGY**

## GOALS

1) We seek a significant decrease in greenhouse gas emissions, with substantial reductions from the built environment and transportation sector.

2) We seek efficient public and private use of energy Region-wide, with reliance upon renewable energy and alternative fuels for buildings, vehicles, and public transportation.

| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE | |
|---|---|---|---|---|
| 2020: Design and build all new residential and commercial buildings using sustainable design practices equivalent to LEED Silver Standards | Percent of total commercial and residential buildings to be green/LEED (number & sq.ft.) | USGBC Public Project Directory /Annual | 2008: 361 LEED registered projects / 141,781,064 sq.ft. <br><br> Commercial construction Starts in 2008 | 36 LEED certified projects / 4,457,741 sq.ft. <br><br> 402 projects & 37,294,402 sq.ft. |
| 2020: Reduce regional greenhouse gas emissions by 20% below 2005 levels | Annual metric tons of regional greenhouse gas emissions | MWCOG, Utility Data, EPA /1-3 years | 2005: 74 million metric tons | |
| 2050: Reduce regional greenhouse gas emissions by 80% below 2005 levels | Annual metric tons of regional greenhouse gas emissions | MWCOG, Utility Data, EPA /1-3 years | 2005: 74 million metric tons | |

## OTHER INDICATORS

• Energy (Electricity & Natural Gas) use per capita

• Percent of Renewable Energy purchased by local governments

4.

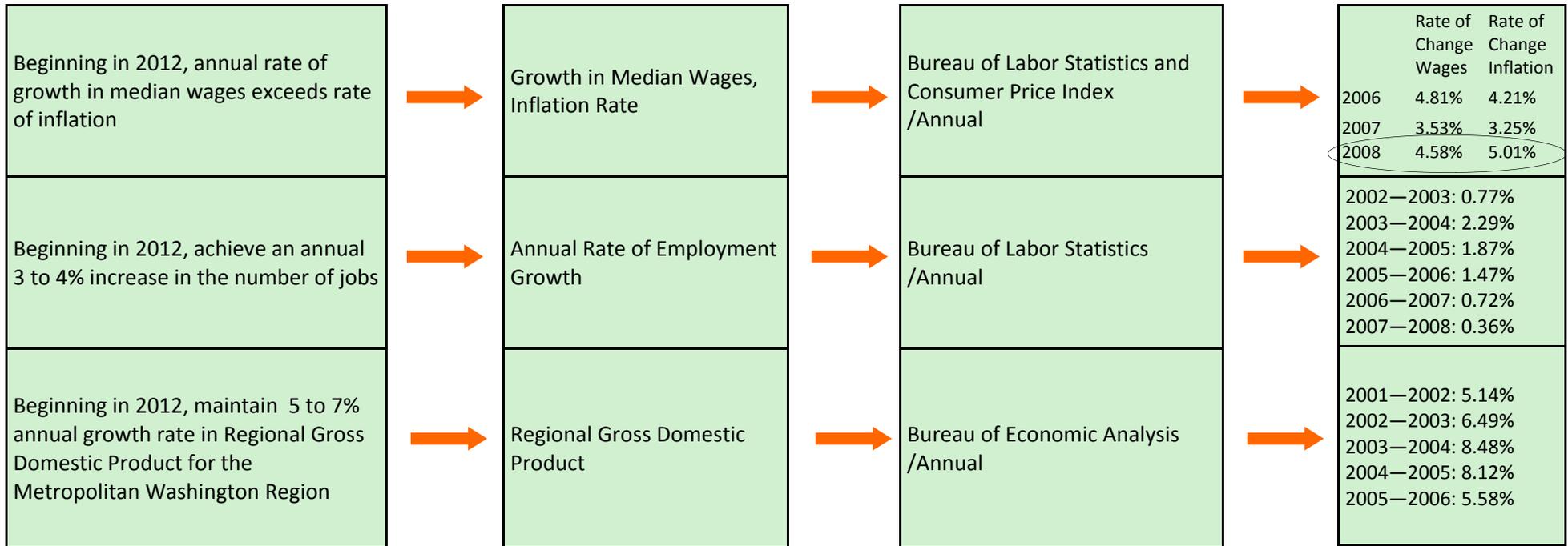Version: 7/27/2009

GreaterWashington2050

**ECONOMIC**

## GOALS

1) We seek a diversified, stable, and competitive economy, with a wide range of employment opportunities and a focus on sustainable economic development.

2) We seek to enhance the economic prosperity of each jurisdiction and the Region as a whole through balanced growth and access to high-quality jobs for everyone.

3) We seek to fully recognize and enhance the benefits that accrue to the region as the seat of the National government and as a world capital.
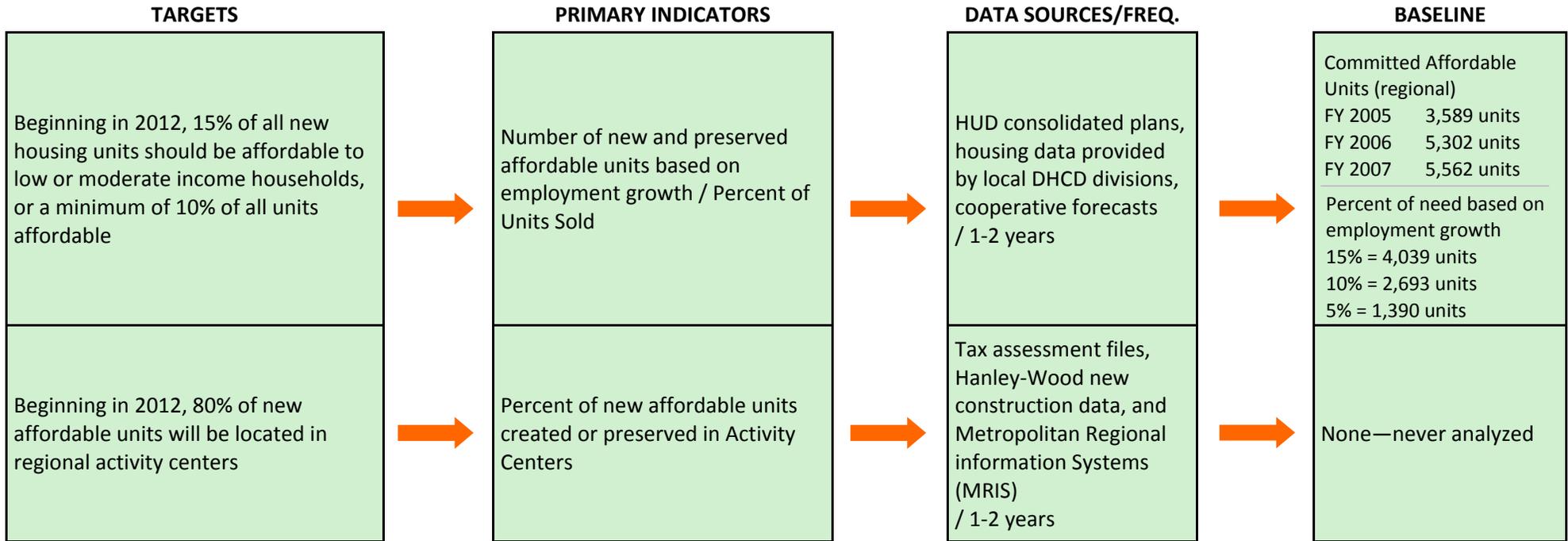
| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE |
|---|---|---|---|
| Beginning in 2012, annual rate of growth in median wages exceeds rate of inflation | Growth in Median Wages, Inflation Rate | Bureau of Labor Statistics and Consumer Price Index /Annual | Rate of Change Wages / Rate of Change Inflation<br>2006  4.81%  4.21%<br>2007  3.53%  3.25%<br>2008  4.58%  5.01% |
| Beginning in 2012, achieve an annual 3 to 4% increase in the number of jobs | Annual Rate of Employment Growth | Bureau of Labor Statistics /Annual | 2002—2003: 0.77%<br>2003—2004: 2.29%<br>2004—2005: 1.87%<br>2005—2006: 1.47%<br>2006—2007: 0.72%<br>2007—2008: 0.36% |
| Beginning in 2012, maintain 5 to 7% annual growth rate in Regional Gross Domestic Product for the Metropolitan Washington Region | Regional Gross Domestic Product | Bureau of Economic Analysis /Annual | 2001—2002: 5.14%<br>2002—2003: 6.49%<br>2003—2004: 8.48%<br>2004—2005: 8.12%<br>2005—2006: 5.58% |

## OTHER INDICATORS

- Median household income
- Unemployment rate
- Federal Procurement
- Employment Industry/Sector Mix (measured in number of jobs)

5.

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**HOUSING**

## GOALS

1) We seek a variety of housing types and choices in diverse, vibrant, safe, healthy, and sustainable neighborhoods, affordable to persons at all income levels.

2) We seek to make the production, preservation, and distribution of affordable housing a priority throughout the Region.

| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE |
|---|---|---|---|
| Beginning in 2012, 15% of all new housing units should be affordable to low or moderate income households, or a minimum of 10% of all units affordable | Number of new and preserved affordable units based on employment growth / Percent of Units Sold | HUD consolidated plans, housing data provided by local DHCD divisions, cooperative forecasts / 1-2 years | Committed Affordable Units (regional) FY 2005    3,589 units FY 2006    5,302 units FY 2007    5,562 units  Percent of need based on employment growth 15% = 4,039 units 10% = 2,693 units 5% = 1,390 units |
| Beginning in 2012, 80% of new affordable units will be located in regional activity centers | Percent of new affordable units created or preserved in Activity Centers | Tax assessment files, Hanley-Wood new construction data, and Metropolitan Regional information Systems (MRIS) / 1-2 years | None—never analyzed |

## OTHER INDICATORS

- Average household size/composition
- Mix of Housing (type/cost)
- Percent of households below 80% AMI with housing cost burdens
- Median Sales Price
- Single-Family/Multi-Family Permitting Activity

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GreaterWashington**2050**

**HEALTH &
HUMAN SERVICES**

## GOALS

1) We seek healthy communities with greater access to quality health care and a focus on wellness and prevention.

2) We seek to provide access and delivery of quality social services to all residents.

| **TARGETS** | **PRIMARY INDICATORS** | **DATA SOURCES/FREQ.** | **BASELINE** |
|---|---|---|---|
| The majority of the Healthy People Goals are met by greater than half of the region's population. | 10 evolving federally defined goal categories. Five or more will be met by at least 50% of region's population.<br><br>**2010 Goal Categories**:<br>• infant mortality<br>• breast cancer<br>• colon cancer<br>• lung cancer<br>• coronary disease<br>• Stroke<br>• injury<br>• motor vehicle<br>• Homicide<br>• suicide | Department of Health and Human Services (*note: Healthy People 2020 Goals are currently under development*)<br>- Every 10 years<br><br>Note: Goal attainment is based on the total regional population, thus jurisdictions with large populations scoring well serve to improve the regional score. | 2010 Healthy People Goals<br><br>See table below. |

**2010 Healthy People Goals**

| Goal Category | Goal Attainment |
|---|---|
| Infant mortality | No |
| Breast Cancer | No |
| Colon Cancer | No |
| Lung Cancer | No |
| Coronary Disease | Yes |
| Stroke | Yes |
| Injury | Yes |
| Motor Vehicle Deaths | No |
| Homicide | Yes |
| Suicide | No |
| Score | 4 out of 10 |

## OTHER INDICATORS

• Percentage of late/no prenatal care

• Obesity Rate

7.

Version: 7/27/2009

GreaterWashington2050

**EDUCATION**

**GOALS**

1) We seek to provide greater access to the best education at all levels, from pre-kindergarten to graduate school.

2) We seek to make our Region a pre-eminent knowledge hub, through educational venues, workforce development, and institutional collaboration.

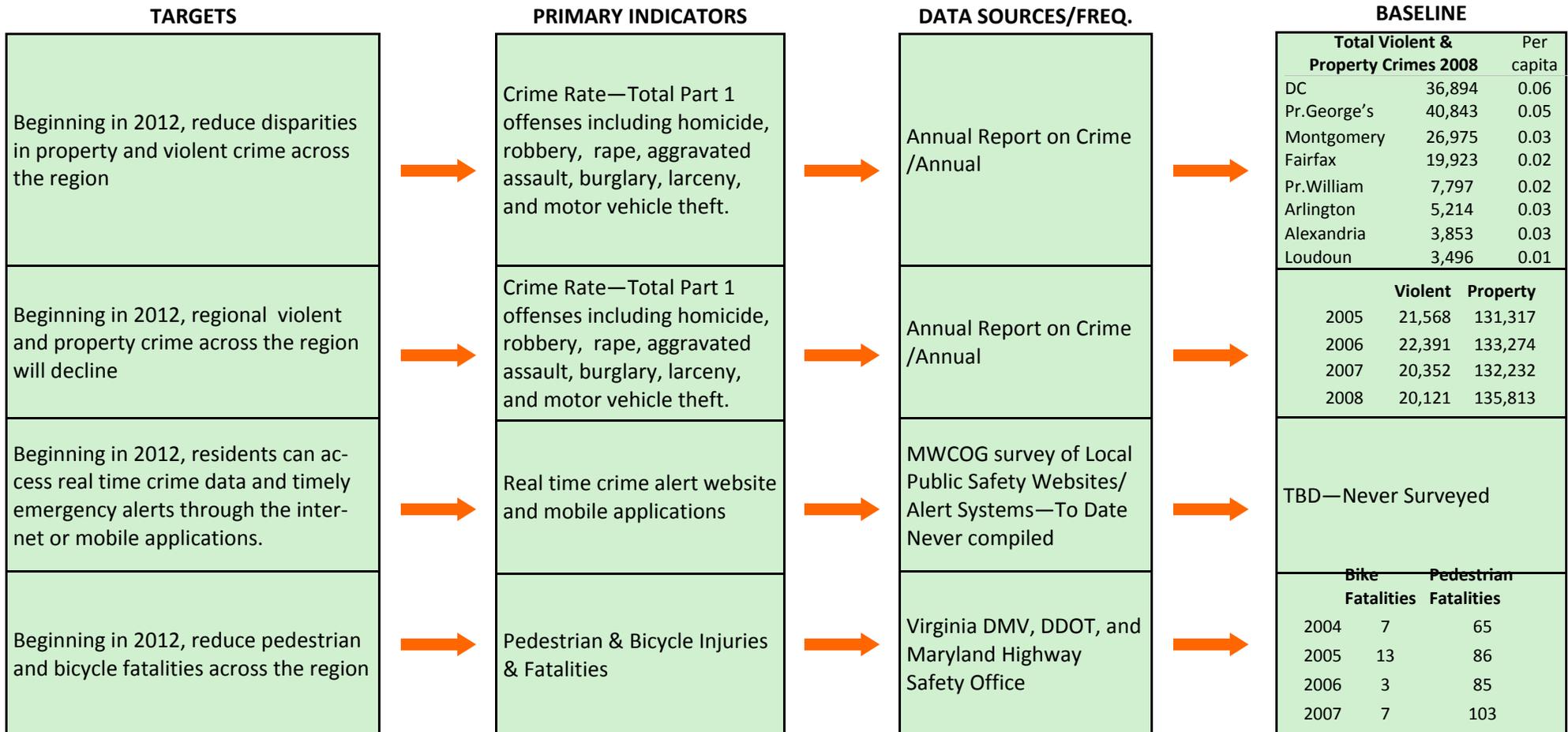| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE |
|---|---|---|---|
| Beginning in 2012, increase the rate of students graduating from high school to 90% | High School Graduation Rate | State of Maryland, Virginia & District of Columbia /Annual | 2008—weighted regional average = 87% |
| Improve access to vocational training and educational options throughout the region | Number & Location of facilities *enrollment & certificates conferred if available* | State/National Vocational Association *Note: Vocational education attainment or certificate data not collected by 3rd party org.* | Never been surveyed |
| By 2020, the percent of population over 25 with a Bachelor's degree is 45% or higher | Educational Attainment | US Census & American Community Survey /Annual | 2007 = 32% of pop. has a BA or above |
| By 2020, the percent of population over 25 with a professional or advanced degree is 20% or higher | Educational Attainment | US Census & American Community Survey /Annual | 2007 = 15% of pop. has a professional or advanced degree |

**OTHER INDICATORS**

• Percent of students going to college (and graduating)

• Literacy rate

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GreaterWashington**2050**

**PUBLIC SAFETY**

## GOALS

1) We seek safe communities for residents and visitors.

2) We seek partnerships that manage emergencies, protect the public health, safety, welfare, and pre-serve the lives, property and economic well-being of the region and its residents.
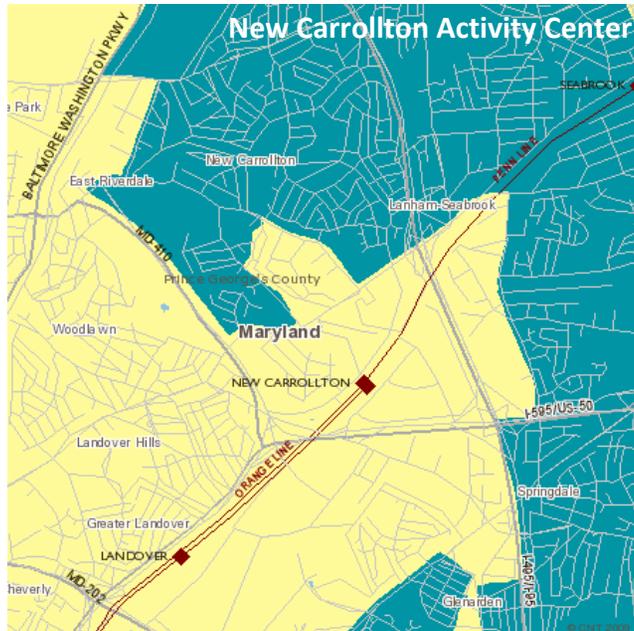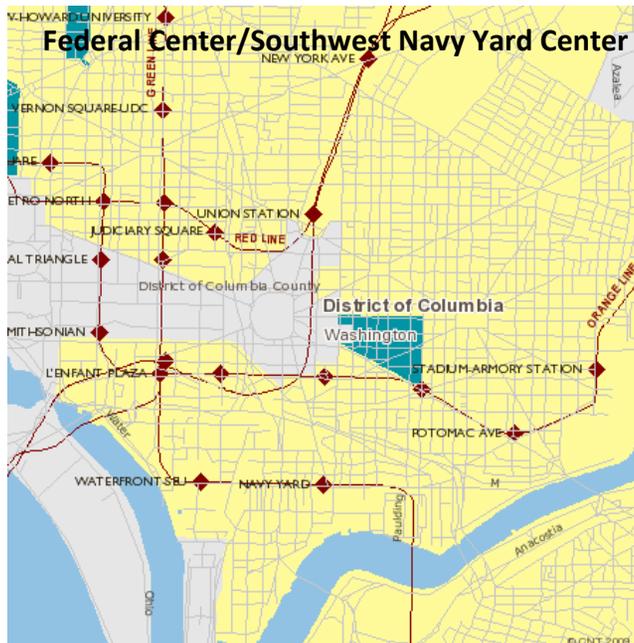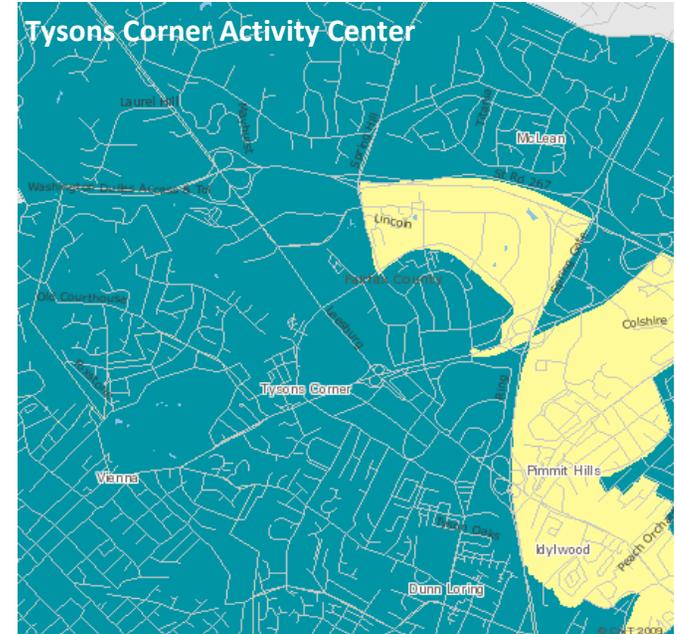
| TARGETS | PRIMARY INDICATORS | DATA SOURCES/FREQ. | BASELINE |
|---|---|---|---|
| Beginning in 2012, reduce disparities in property and violent crime across the region | Crime Rate—Total Part 1 offenses including homicide, robbery, rape, aggravated assault, burglary, larceny, and motor vehicle theft. | Annual Report on Crime /Annual | **Total Violent & Property Crimes 2008** / **Per capita**<br>DC 36,894 0.06<br>Pr.George's 40,843 0.05<br>Montgomery 26,975 0.03<br>Fairfax 19,923 0.02<br>Pr.William 7,797 0.02<br>Arlington 5,214 0.03<br>Alexandria 3,853 0.03<br>Loudoun 3,496 0.01 |
| Beginning in 2012, regional violent and property crime across the region will decline | Crime Rate—Total Part 1 offenses including homicide, robbery, rape, aggravated assault, burglary, larceny, and motor vehicle theft. | Annual Report on Crime /Annual |     **Violent  Property**<br>2005  21,568  131,317<br>2006  22,391  133,274<br>2007  20,352  132,232<br>2008  20,121  135,813 |
| Beginning in 2012, residents can access real time crime data and timely emergency alerts through the internet or mobile applications. | Real time crime alert website and mobile applications | MWCOG survey of Local Public Safety Websites/ Alert Systems—To Date Never compiled | TBD—Never Surveyed |
| Beginning in 2012, reduce pedestrian and bicycle fatalities across the region | Pedestrian & Bicycle Injuries & Fatalities | Virginia DMV, DDOT, and Maryland Highway Safety Office | **Bike Fatalities  Pedestrian Fatalities**<br>2004  7  65<br>2005  13  86<br>2006  3  85<br>2007  7  103 |

## OTHER INDICATORS

- Drunk driving accidents

9.

## Baseline for Housing + Transportation Target in Land Use Section

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New Carrollton Activity Center
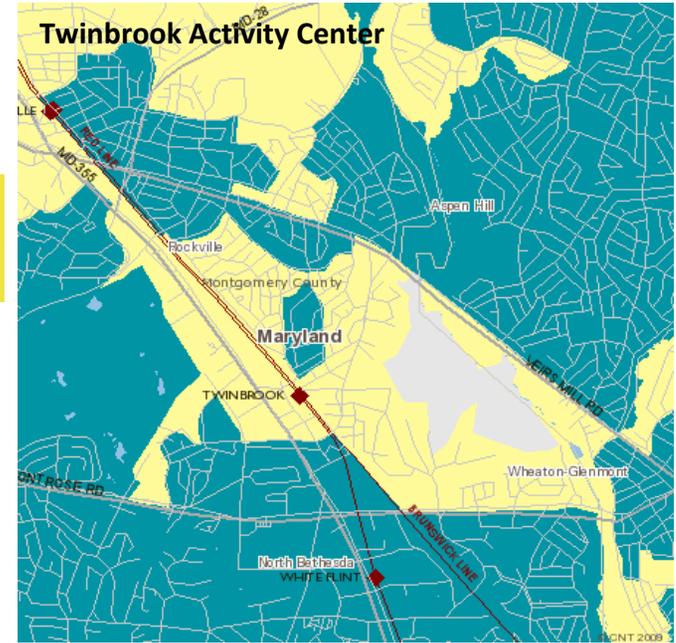

Tysons Corner Activity Center

The maps illustrate a Housing + Transportation affordability target set at 45% of the Area Median Income

Key:

☐ Data not available
🟨 0 to 45%
🟦 45+%


Federal Center/Southwest Navy Yard Center

H + T Affordability Index = (Housing Costs + Transportation Costs) / Income


Twinbrook Activity Center

Source: Center for Neighborhood Technology

10.