



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.	Percent of agriculture land	USDA Agriculture Census /5 years	2002 = 523,614 2007 = 489,004 (trend—acres) 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: $H+T \text{ Index} = (\text{housing costs} + \text{transportation costs}) / \text{Income}$	Center for Neighborhood Technology/US Census (10 yr)	See Maps on Page 10

OTHER INDICATORS

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

**GOALS**

- 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	→	22.94 Vehicle Miles Traveled per capita
Increase the rate of construction of bike and predestination 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



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) *	→	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
*Final goals still under development						
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
- Regional Recycling Rate per capita
- Percent of planned wastewater treatment capacity remaining
- Solid Waste Generation per capita
- Water usage per capita

**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.****BASLINE**

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	→	<table><tr><td>2008</td><td>361 LEED registered projects / 141,781,064 sq.ft.</td><td>36 LEED certified projects / 4,457,741 sq.ft.</td></tr></table> Commercial construction Starts in 2008 402 projects & 37,294,402 sq.ft.	2008	361 LEED registered projects / 141,781,064 sq.ft.	36 LEED certified projects / 4,457,741 sq.ft.
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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

**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	→	<table><thead><tr><th></th><th>Rate of Change Wages</th><th>Rate of Change Inflation</th></tr></thead><tbody><tr><td>2006</td><td>4.81%</td><td>4.21%</td></tr><tr><td>2007</td><td>3.53%</td><td>3.25%</td></tr><tr><td>2008</td><td>4.58%</td><td>5.01%</td></tr></tbody></table>		Rate of Change Wages	Rate of Change Inflation	2006	4.81%	4.21%	2007	3.53%	3.25%	2008	4.58%	5.01%
	Rate of Change Wages	Rate of Change Inflation																
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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	→	<table><tbody><tr><td>2002—2003: 0.77%</td></tr><tr><td>2003—2004: 2.29%</td></tr><tr><td>2004—2005: 1.87%</td></tr><tr><td>2005—2006: 1.47%</td></tr><tr><td>2006—2007: 0.72%</td></tr><tr><td>2007—2008: 0.36%</td></tr></tbody></table>	2002—2003: 0.77%	2003—2004: 2.29%	2004—2005: 1.87%	2005—2006: 1.47%	2006—2007: 0.72%	2007—2008: 0.36%						
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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	→	<table><tbody><tr><td>2001—2002: 5.14%</td></tr><tr><td>2002—2003: 6.49%</td></tr><tr><td>2003—2004: 8.48%</td></tr><tr><td>2004—2005: 8.12%</td></tr><tr><td>2005—2006: 5.58%</td></tr></tbody></table>	2001—2002: 5.14%	2002—2003: 6.49%	2003—2004: 8.48%	2004—2005: 8.12%	2005—2006: 5.58%							
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OTHER INDICATORS

- | | |
|--|--|
| <ul style="list-style-type: none"> • Median household income • Unemployment rate | <ul style="list-style-type: none"> • Federal Procurement • Employment Industry/Sector Mix (measured in number of jobs) |
|--|--|

**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

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
Beginning in 2012, 80% of new affordable units will be located in regional activity centers

PRIMARY INDICATORS

Number of new and preserved affordable units based on employment growth / Percent of Units Sold
Percent of new affordable units created or preserved in Activity Centers

DATA SOURCES/FREQ.

HUD consolidated plans, housing data provided by local DHCD divisions, cooperative forecasts / 1-2 years
Tax assessment files, Hanley-Wood new construction data, and Metropolitan Regional Information Systems (MRIS) / 1-2 years

BASELINE

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
None—never analyzed

OTHER INDICATORS

- | | |
|---|--|
| <ul style="list-style-type: none"> • Average household size/composition • Mix of Housing (type/cost) • Percent of households below 80% AMI with housing cost burdens | <ul style="list-style-type: none"> • Median Sales Price • Single-Family/Multi-Family Permitting Activity |
|---|--|

**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

The majority of the Healthy People Goals are met by greater than half of the region's population.

PRIMARY INDICATORS

10 evolving federally defined goal categories. Five or more will be met by at least 50% of region's population.

2010 Goal Categories:

- infant mortality
- breast cancer
- colon cancer
- lung cancer
- coronary disease
- Stroke
- injury
- motor vehicle
- Homicide
- suicide

DATA SOURCES/FREQ.

Department of Health and Human Services (*note: Healthy People 2020 Goals are currently under development*)
- Every 10 years

BASELINE**2010 Healthy People Goals**

Goal Category	% of Reg. Pop. Residing in a jurisdiction achieving the goal
Infant mortality	10.4%
Breast Cancer	0%
Colon Cancer	24.4%
Lung Cancer	46.7%
Coronary Disease	*63.7%
Stroke	*67%
Injury	*70.6%
Motor Vehicle Deaths	49.7%
Homicide	*51.5%
Suicide	0%
Score	4 out of 10

* over half the region's pop, meets regional target

OTHER INDICATORS

- Percentage of late/no prenatal care
- Obesity Rate

**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 <i>enrollment & certificates conferred if available</i>	→	State/National Vocational Association <i>Note: Vocational education attainment or certificate data not collected by 3rd party org.</i>	→	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

**GOALS**

- 1) We seek safe communities for residents and visitors.
- 2) We seek partnerships that manage emergencies, protect the public health, safety, welfare, and preserve 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
Beginning in 2012, regional violent and property crime across the region will decline
Beginning in 2012, residents can access real time crime data and timely emergency alerts through the internet or mobile applications.
Beginning in 2012, reduce pedestrian and bicycle fatalities across the region



Crime Rate—Total Part 1 offenses including homicide, robbery, rape, aggravated assault, burglary, larceny, and motor vehicle theft.
Crime Rate—Total Part 1 offenses including homicide, robbery, rape, aggravated assault, burglary, larceny, and motor vehicle theft.
Real time crime alert website and mobile applications
Pedestrian & Bicycle Injuries & Fatalities



Annual Report on Crime /Annual
Annual Report on Crime /Annual
MWCOG survey of Local Public Safety Websites/ Alert Systems—To Date Never compiled
Virginia DMV, DDOT, and Maryland Highway Safety Office

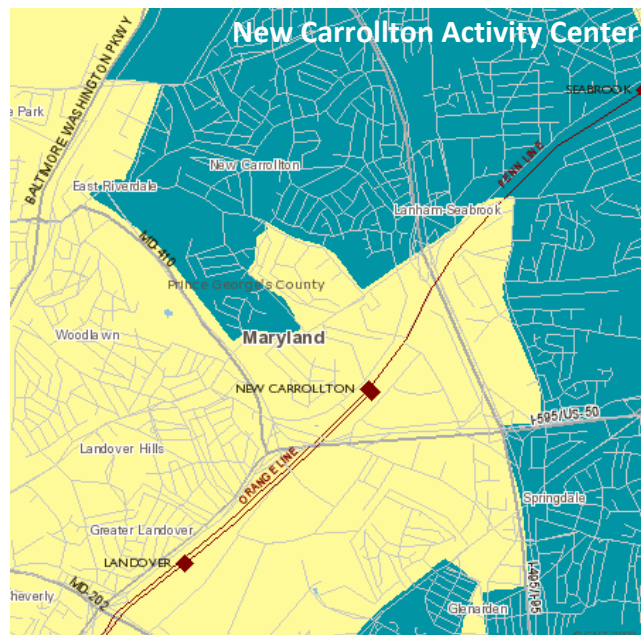


Total Violent & Property Crimes 2008		Per capita
DC	36,894	0.06
Pr.George's	40,843	0.05
Montgomery	26,975	0.03
Fairfax	19,923	0.02
Pr.William	7,797	0.02
Arlington	5,214	0.03
Alexandria	3,853	0.03
Loudoun	3,496	0.01
	Violent	Property
2005	21,568	131,317
2006	22,391	133,274
2007	20,352	132,232
2008	20,121	135,813
TBD—Never Surveyed		
	Bike	Pedestrian
2004	7	65
2005	13	86
2006	3	85
2007	7	103

OTHER INDICATORS

- Drunk driving accidents

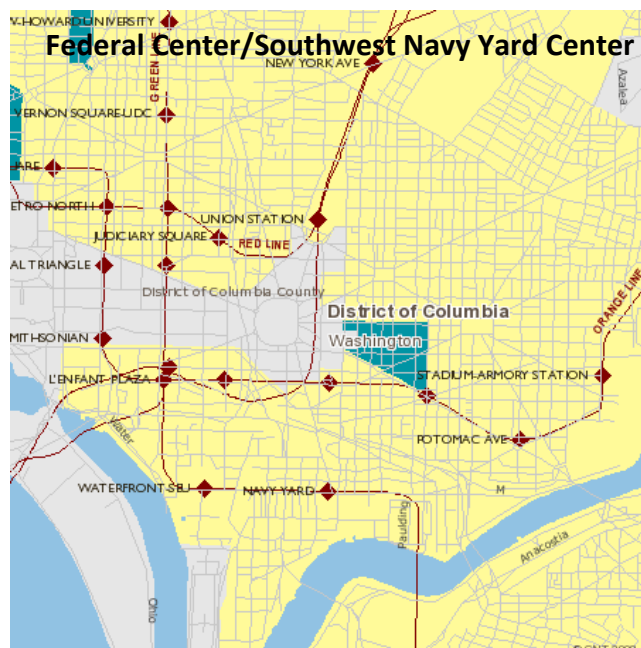
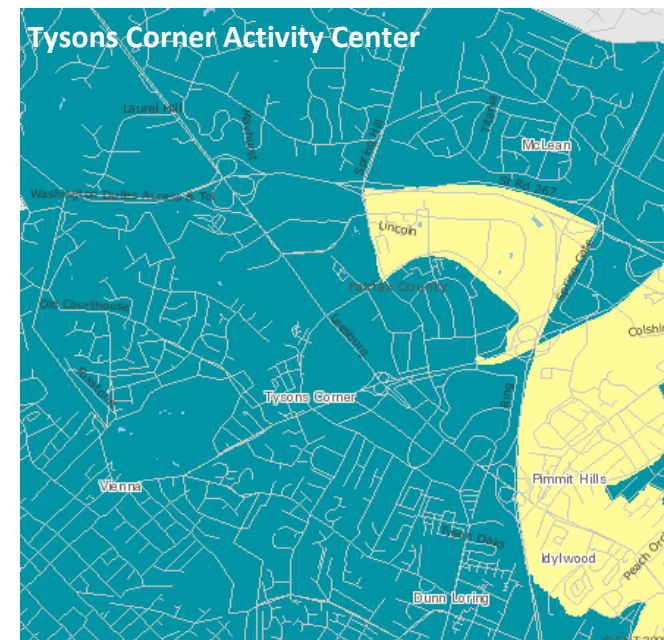
Baseline for Housing + Transportation Target in Land Use Section



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

Key:

- Data not available
- 0 to 45%
- 45+%



$$H + T \text{ Affordability Index} = \frac{(\text{Housing Costs} + \text{Transportation Costs})}{\text{Income}}$$

