

## **Introduction**

As seen in Chapter One, both the Vision of the Transportation Planning Board (1998) and the Region Forward (2010) vision plan of the Council of Governments encourage walking and bicycling. *Region Forward*, a vision for the National Capital region in 2050, was adopted in January 2010. *Region Forward* builds on the TPB *Vision*, calling for more rapid implementation of the regional bicycle and pedestrian plan, increased walking and bicycling, and reduced pedestrian and bicyclist fatalities. The goals of *Region Forward* are broader than those of the TPB *Vision*, encompassing areas such as public safety, land use, economic development, housing, and the environment. New development is to be concentrated in walkable, mixed-use activity centers.

## **Goals**

Region Forward 2050 includes a set of goals, and targets and indicators that will help measure whether those goals are being met. Many of those goals relate to walking and bicycling:

### **Transportation**

1. 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. A transportation system that maximizes community connectivity and walkability, and minimizes ecological harm to the region and the world beyond.

### **Land Use**

1. Enhancement of established neighborhoods of differing densities with **compact, walkable infill development**, rehabilitation and retention of historic sites and districts, and preservation of open space, farmland and environmental resource land in rural areas.
2. **Transit-oriented and mixed-use communities** emerging in regional activity centers that **will capture new employment and household growth.**

### **Energy & Environment**

1. Significant **decrease in greenhouse gas emissions**, with substantial reductions in the built environment and transportation sector.
2. Protect and enhance region's environmental resources by meeting and exceeding standards for our air, water, and land.

### **Public Safety & Health**

1. Safe communities for residents and visitors.
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2. ...protect the public health, safety, welfare, and preserve the lives, property, and economic well-being of the region and its residents.
3. Healthy communities with ...a **focus on wellness and prevention**

### **Targets and Indicators**

In order to measure progress towards the broad transportation goals, *Region Forward* recommends that certain indicators be tracked. Table 5-1 below shows some of the targets and primary indicators from *Region Forward* that relate to walking and bicycling as well as corresponding, additional indicators which the bicycle and pedestrian subcommittee believes will give a more complete and timely picture of the region's progress. A (?) designates an indicator for which a practical data source has not yet been identified.

**Table 5-1:  
Targets, Indicators, and Suggested Indicators**

<b>Targets</b>	<b>Primary Indicators</b>	<b>Data Source/Freq.</b>	<b>Baseline</b>	<b>Suggested Supporting Indicators</b>	<b>Data Sources/Freq.</b>	<b>Baseline</b>
Increase the share of walk, bike, and transit trips.	Mode split – Percent of Walk, Bike and Transit Trips	2007/2008 household travel survey/10 years	Bike: 0.5% Walk: 8.5% Transit: 6.1% Auto: 81.6%	<ol style="list-style-type: none"> <li>1. Walk and bike commute mode share</li> <li>2. Pedestrian and bicyclist counts</li> <li>3. Pedestrian Access to Transit Mode Share</li> <li>4. Bike Access to Transit mode share</li> <li>5. Bike share trips</li> </ol> Number of bike share trips per day & per bike share bike. <ol style="list-style-type: none"> <li>6. % Female cyclists</li> </ol> Adopt complete streets policies <ol style="list-style-type: none"> <li>1. Jurisdictions with complete streets policies</li> <li>2. Percentage transportation projects compliant with Complete Streets policies (feasible?).</li> </ol>	<ul style="list-style-type: none"> <li>• US Census – American Community Survey five year rolling average/Annual</li> <li>• DC, Arlington counts/annual</li> <li>• WMATA rail passenger survey/4 years</li> <li>• Regional Bike Share trip numbers/annual</li> </ul>	<ul style="list-style-type: none"> <li>• ACS available in 2010</li> <li>• DC Average 2009 Peak hour count = 69, % female bicyclists = 19%</li> <li>• .55% bicycle mode of access to Metro in 2007</li> <li>• 62.12% walk mode of access to Metro in 2007</li> </ul>
Reduce VMT per capita	VMT per capita	2008 CLRP/Annual	Vehicle Miles Traveled per capita = 22.94	None.	N/A	N/A
Increase the rate of construction of bike and pedestrian facilities from the TPB plan.	Number of bicycle and pedestrian projects from the CLRP	Number of bicycle and pedestrian projects in the CLRP	CLRP/Annual	Pedestrian and Bicycle Infrastructure Construction <ol style="list-style-type: none"> <li>1. Centerline mileage of bike lane built</li> <li>2. Mileage of Cycle Track built</li> <li>3. Mileage of Side Path Built</li> <li>4. Mileage of Multiuse path built</li> <li>5. Bicycle and pedestrian bridges and underpasses built</li> <li>6. Bike share bicycles/stations added</li> <li>7. Public bicycle parking</li> </ol>	<ul style="list-style-type: none"> <li>• Bicycle and Pedestrian Regional Project Database/Annual</li> <li>• WMATA rail passenger survey/4 years</li> <li>• WMATA Bus Stop Inventory/?</li> </ul>	

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				<ul style="list-style-type: none"> <li>• # of Short-term rack spaces</li> <li>• # of long-term sheltered spaces provided</li> <li>• Bike lockers</li> <li>• Bike cages/bike parking structures (?)</li> <li>• Staffed bike stations</li> </ul> <p>7. Number of Streetscaping projects completed/funds expended.</p> <p>8. Funds expended on sidewalk programs.</p> <p>9. Number of pedestrian intersection improvement projects completed</p> <p>10. Funds expended on traffic calming programs</p> <p>Access to Transit</p> <p>11. % of bus stops with sidewalks</p> <p>12. % of bus stops at controlled street crossings</p> <p>13. Bike share stations and bike share bikes at rail stations and transit hubs</p> <p>14. Bike share stations and bike share bikes within 3 miles of a rail station or transit hub</p> <p>15. Bike parking - Rack spaces, Lockers Bike cage, bike parking structure spaces Bike Sharing</p> <p>1. Number of bike sharing stations</p> <p>2. Number of bike sharing bicycles</p>	<ul style="list-style-type: none"> <li>• Capital Bikeshare</li> </ul>	
<b>Targets</b>	<b>Primary Indicators</b>	<b>Data Source/Freq.</b>	<b>Baseline</b>	<b>Suggested Supporting Indicators</b>	<b>Data Sources/Freq.</b>	<b>Baseline</b>
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	2008: 53%	% of new square footage of commercial construction within 1/8 mile and within 1/4 mile of rail transit.		

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Beginning in 2012, capture 50% of new households in Regional Activity Centers	Percent of new household growth in regional activity centers	MWCOG Cooperative Forecasting Program/1-2 years	2005: 13% of total regional HH's	None.	N/A	N/A
Reduce pedestrian and bicyclist fatalities and injuries	Pedestrian and Bicyclist Injuries and Fatalities	Virginia DMV, DDOT, and Maryland Office of Highway Safety/Annual	2004-2008: 84 pedestrian deaths 7 bicyclist deaths 2007: 1962 pedestrian injuries 653 bicyclist injuries	Education <ul style="list-style-type: none"> <li>Number of school children trained in safe walking and bicycling (?)</li> <li>Recognition of key safety messages by the general public</li> <li>Number of Bike to Work day participants</li> </ul> Enforcement: Number of pedestrian-related and bicycle-related citations and warnings issued as part of the Street Smart campaign. <ol style="list-style-type: none"> <li>Speeding</li> <li>Speeding, school zone</li> <li>Reckless driving</li> <li>Passing stopped school bus</li> <li>Failure to yield to pedestrian or bicyclist</li> <li>Cross against the signal (pedestrian)</li> <li>Walk into the path of motor vehicle outside marked or unmarked crosswalk.</li> <li>Ignore traffic signal (bicyclist)</li> <li>Wrong way riding</li> <li>Ride on sidewalk where prohibited</li> </ol>	<ol style="list-style-type: none"> <li>Safe Routes to School Program/Annual Report</li> <li>Street Smart Annual Report</li> <li>Bike to Work Day Annual Report</li> <li>Street Smart Enforcement Reports/annual</li> </ol>	<ul style="list-style-type: none"> <li>3500 children trained in DC in 2008, 2700 in Rockville. Virginia SRTS does not tally such numbers.</li> <li>8500 Bike to Work Day participants in 2010</li> </ul>
<b>Targets</b>	<b>Primary Indicators</b>	<b>Data Source/Freq.</b>	<b>Baseline</b>	<b>Suggested Indicators</b>	<b>Data Sources/Freq.</b>	<b>Baseline</b>