

From Smart Growth to Smart Cities: Walking our Way to Livability

International Walk 21 Conference—Vancouver

October 4, 2011

Harriet Tregoning, Director

District of Columbia
Office of Planning



Washington, D.C. at a Glance

Regional Population: 5,476,241

DC Population: 601,723

724,700 jobs

68 square miles

20% of the city is parks and open space

3rd largest office market in the country

2nd largest rail transit system

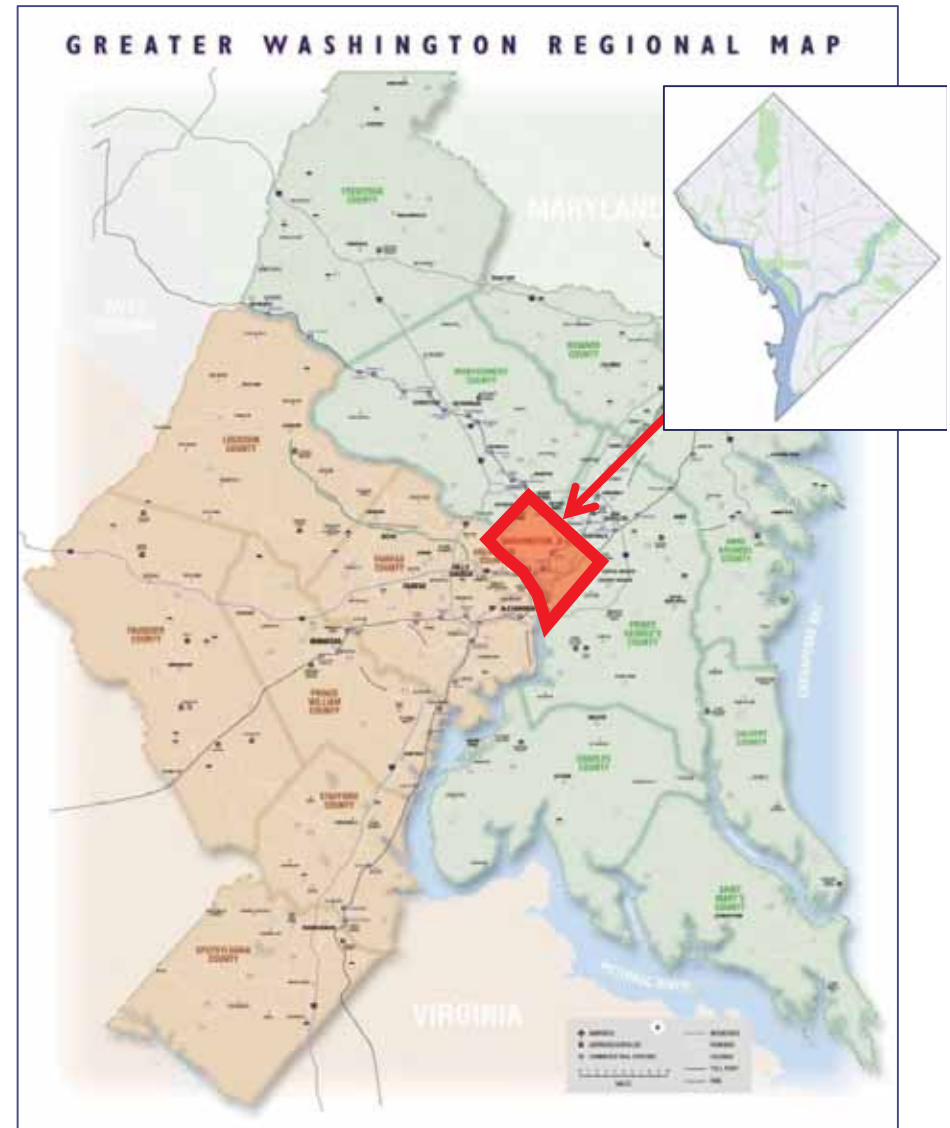
5th largest bus network in the United States

41 Metro Stations

Fun Facts

46% of all trips are taken by foot, bike or transit

51.5% of all commuting trips are taken by foot, bike or transit







Columbia Heights Redevelopment

More than \$1 billion in investment within 1 mile of the site:

- 81 projects
- 4,000 units of housing
- 800,000 SF of retail

One of Target's highest performing stores

Transit accessible

- Metrorail
- 8 bus routes
- Circulator
- Bikeshare









Hubba

Michigan.

21st Century Math



Design

The Secret Word:





Aspirations of 21st Century Cities?

- Health
- Wealth
- Happiness



The Healthy City

- Safe
- Fit
- Pollution-free
- Less Chronic Disease

Downtown DC: Safety

10 years ago:

- Streets empty at 6 pm
- Blank Walls
- Minimal street level retail
- Zero nightlife and entertainment options beyond museums
- No one lived there
- Abundance of surface parking
- Neither “clean, safe or friendly”



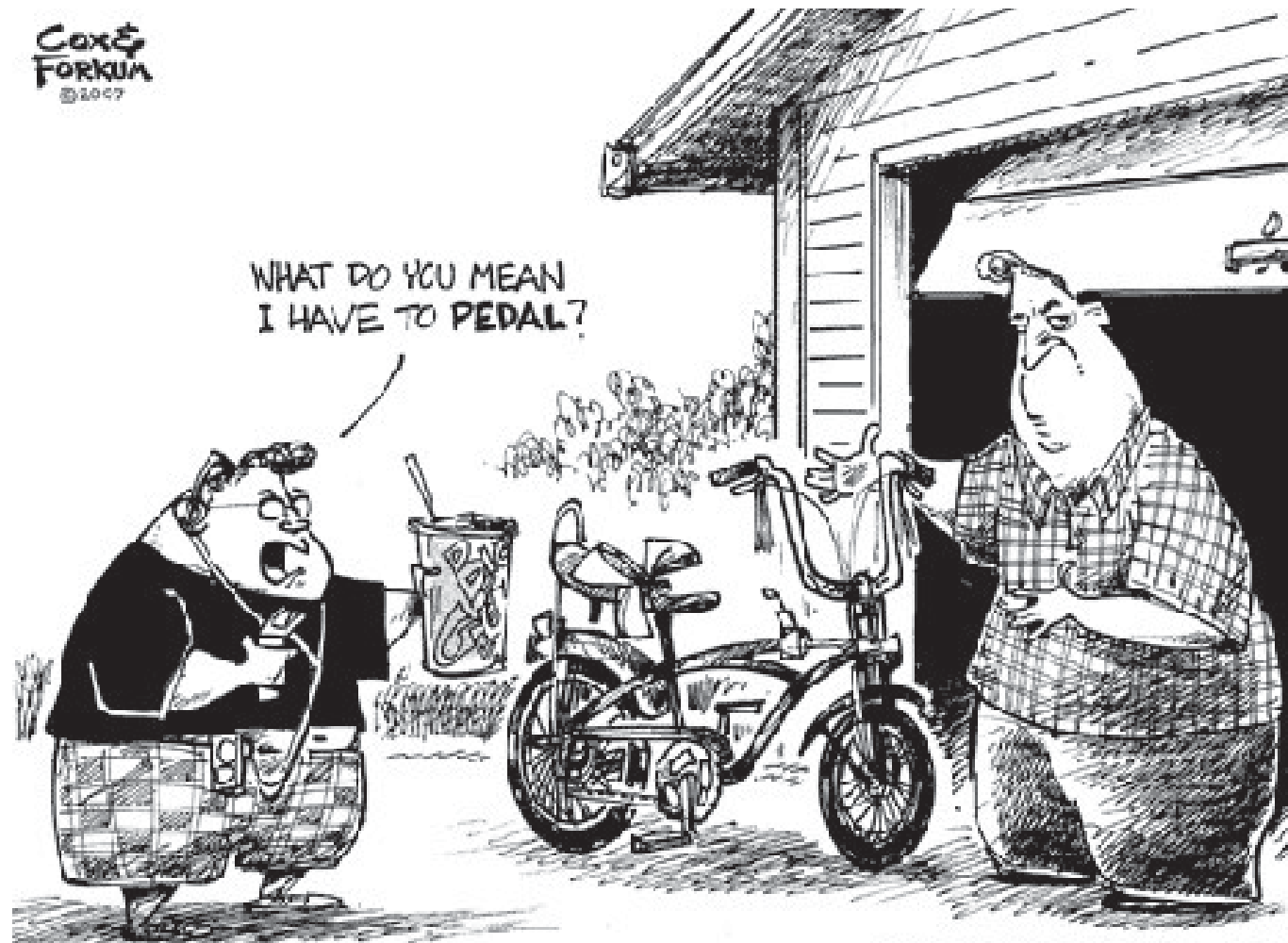
Downtown DC: Safety

Today:

- Gallery Place, Verizon Center
- Downtown housing (now 10,000+ residents)
- Street level retail, restaurants, theaters
- Business Improvement Districts
- Highest commercial rents; lowest vacancy



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Washington's History of Great Streets





Expanding bicycling facilities - the last mile

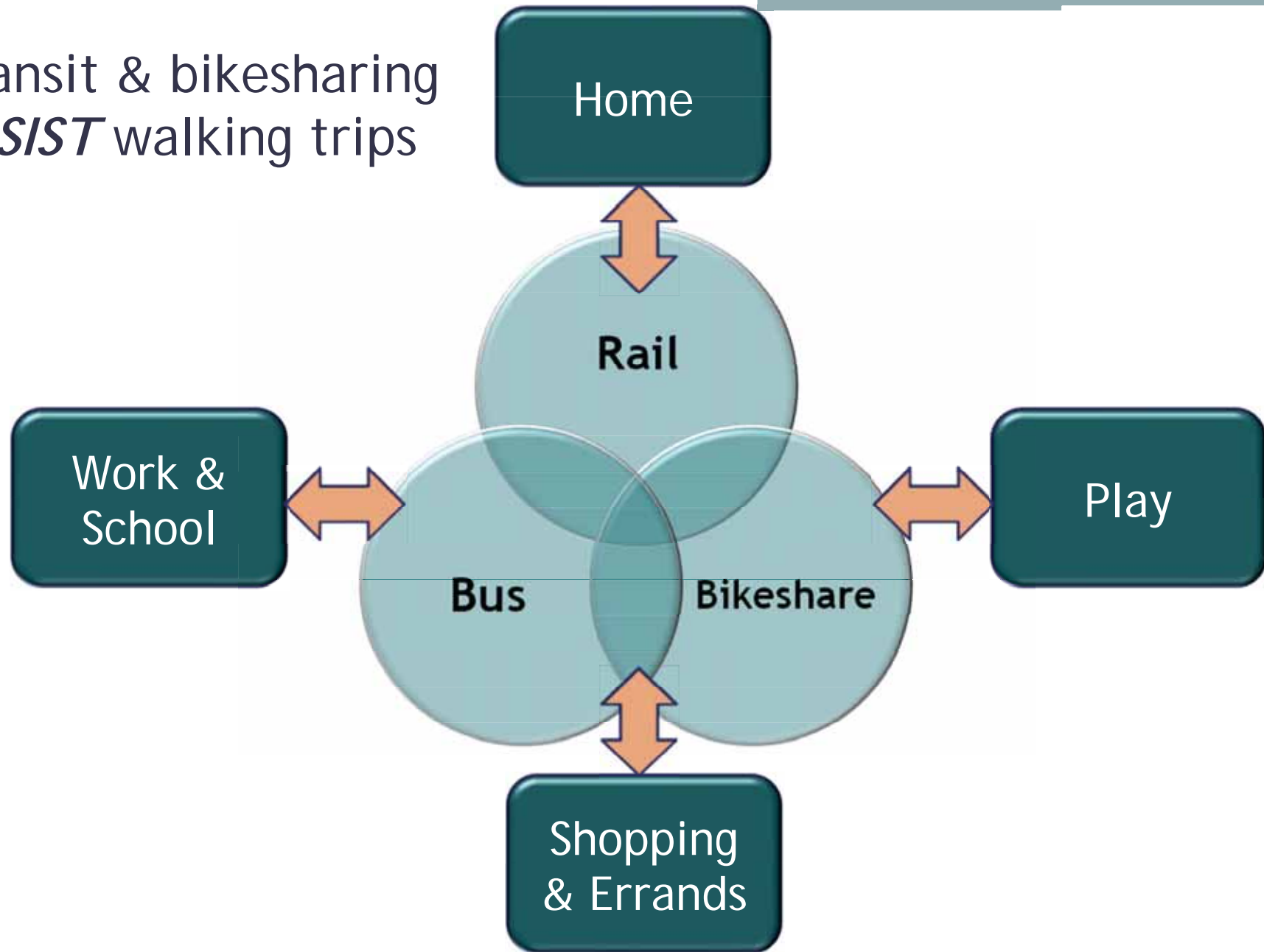
- Bicycling extends access to Metro and other transit hubs
- DC has 47 miles of bike lanes, 64 miles of signed bike routes and 56 miles of trails

Capital Bikeshare

- 1,100 bicycles at 116 stations across the District & Arlington, VA
- Over 18,000 annual members and almost 59,000 24-hour and 5-day members since its launch in 2010
- 1 million rides in its first year



Transit & bikesharing
ASSIST walking trips



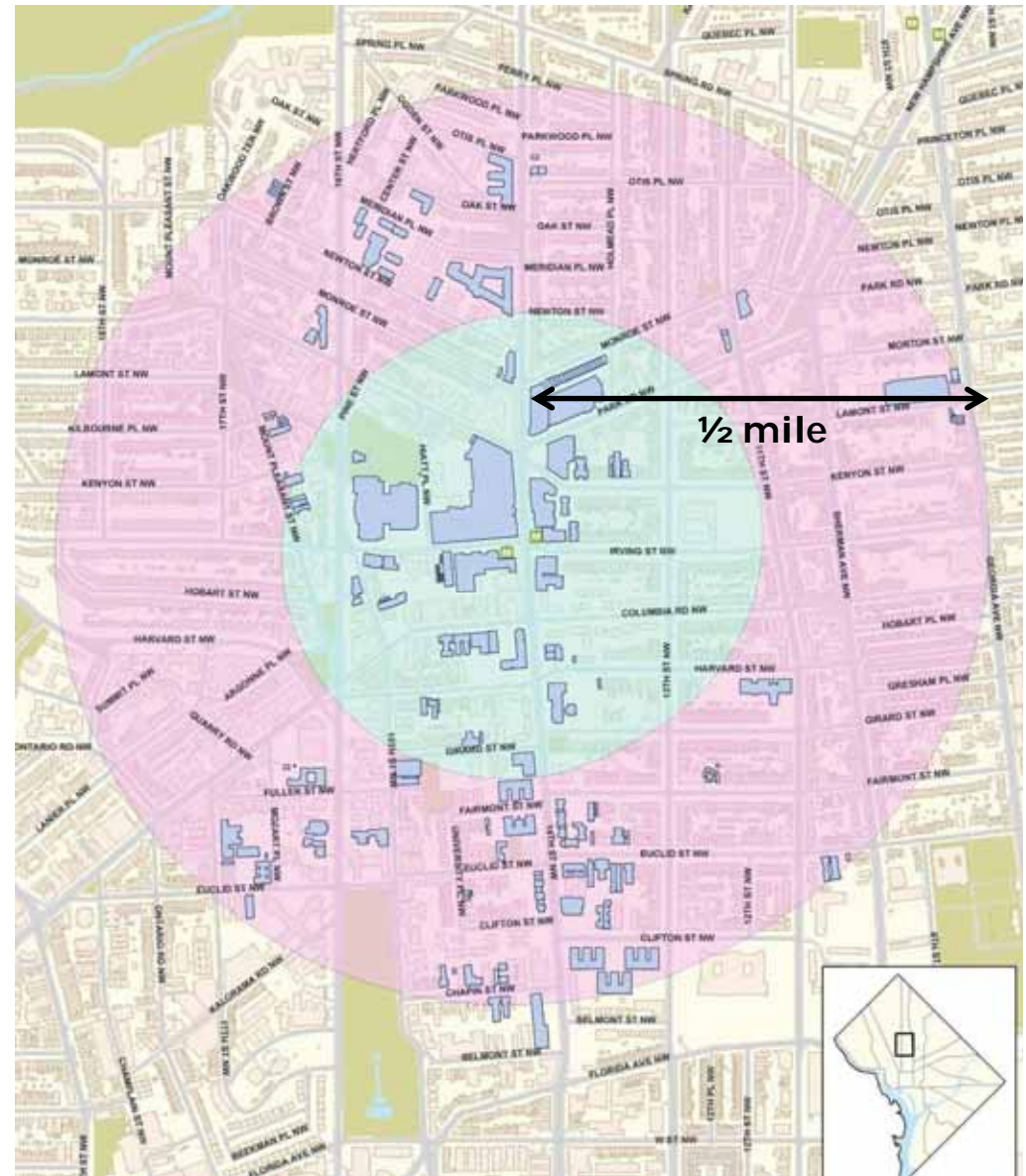


The Wealthy City

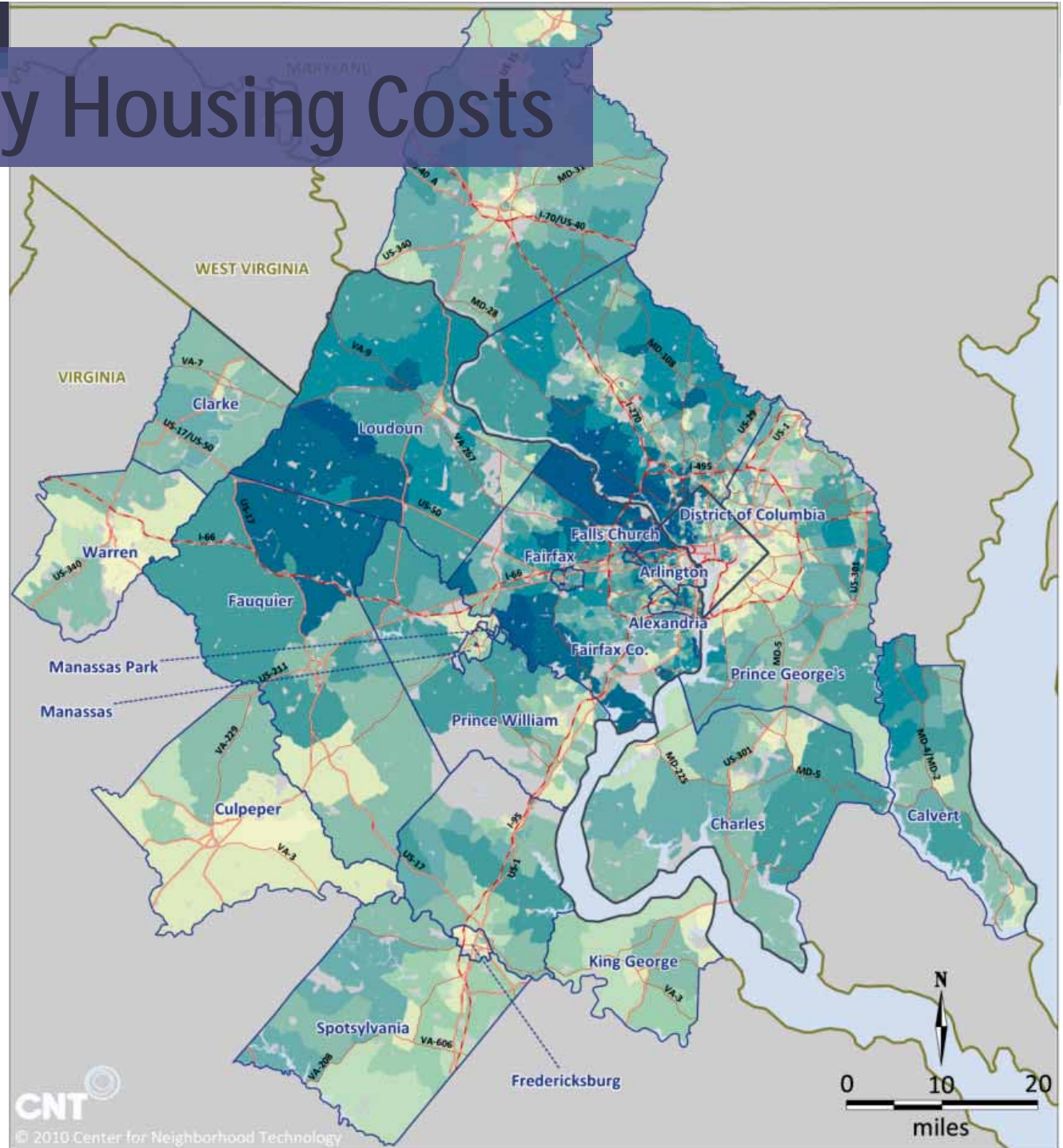
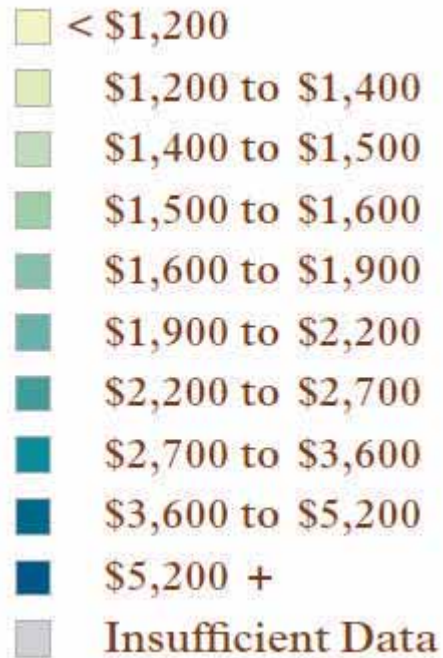
- **Fiscally Stable**
- **Vibrant**
- **Economically
Competitive**
- **Resilient**

Columbia Heights Revitalization

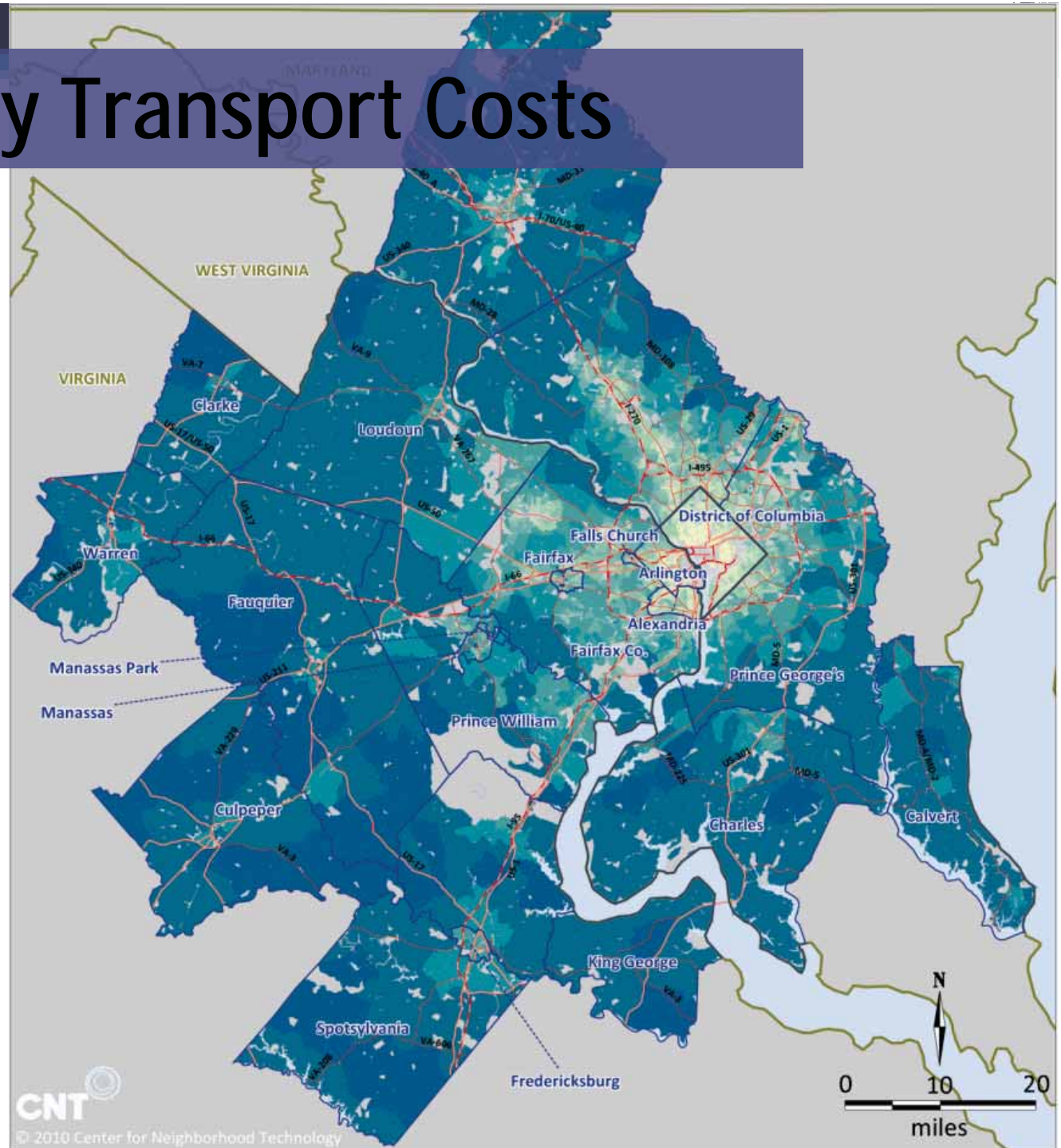
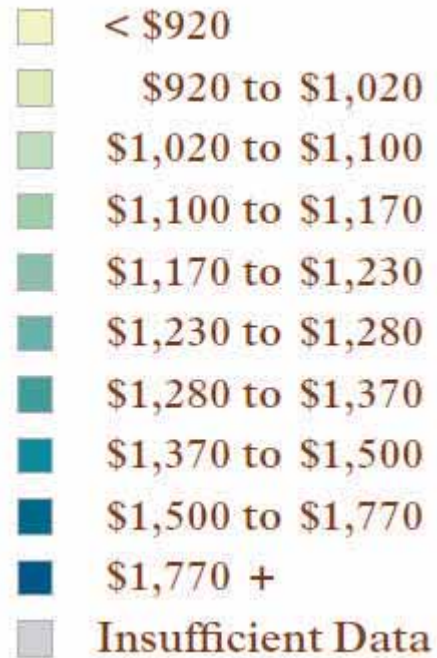
- Metrorail Station opened in 1999
- Now the most used station in DC outside of downtown
- Since opening
 - 1,697 Net new housing units (596 are affordable)
 - 1,542 Rehabbed units (1,476 are affordable)
 - One Million square feet of non-residential
- Zip code with the largest price appreciation in DC (279% 2000-2007) and one of the lowest declines since (-9.7%)



Avg Monthly Housing Costs

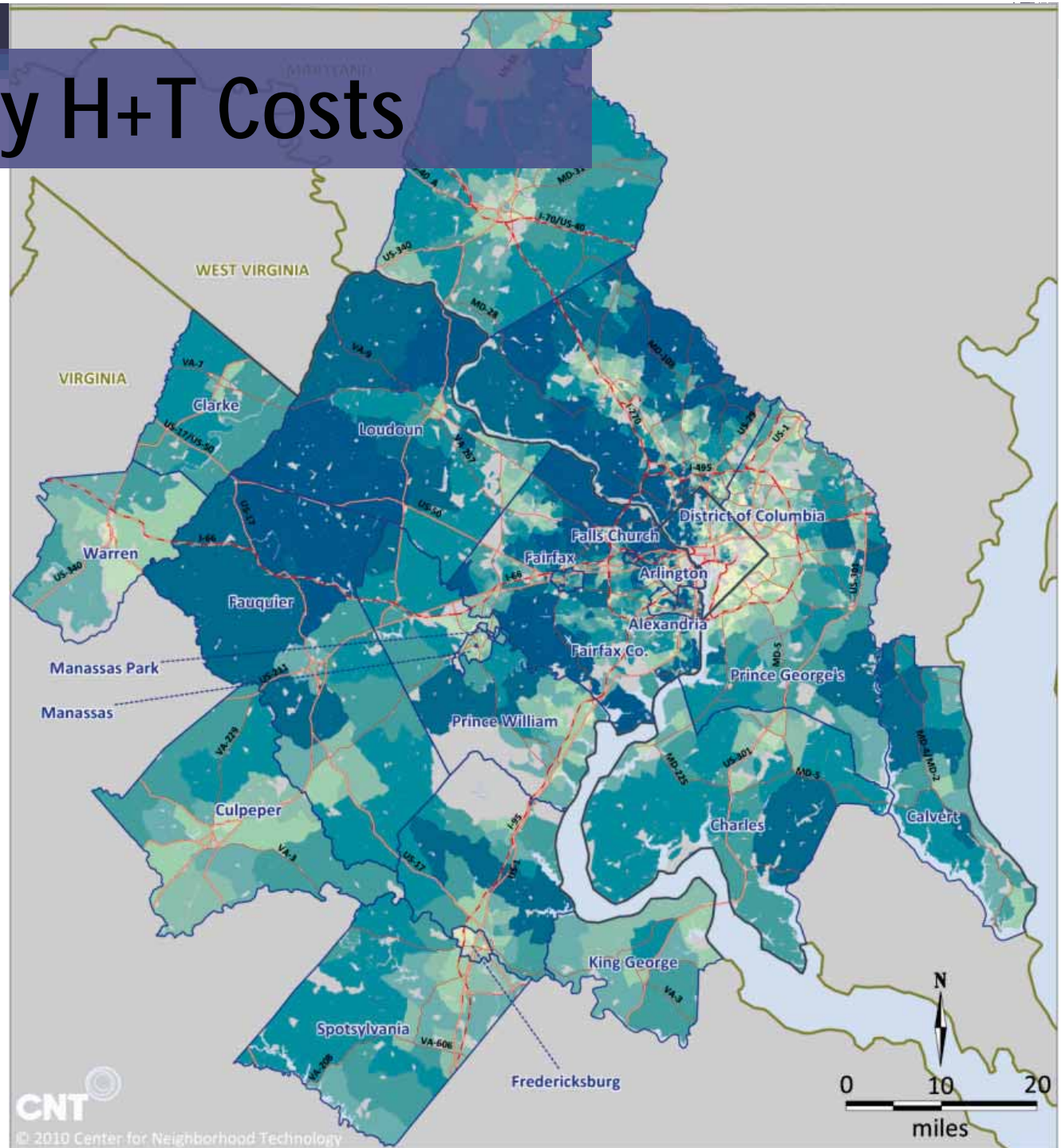
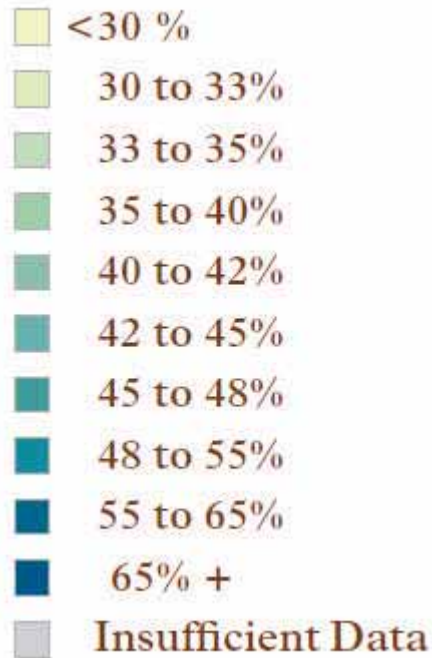


Avg Monthly Transport Costs

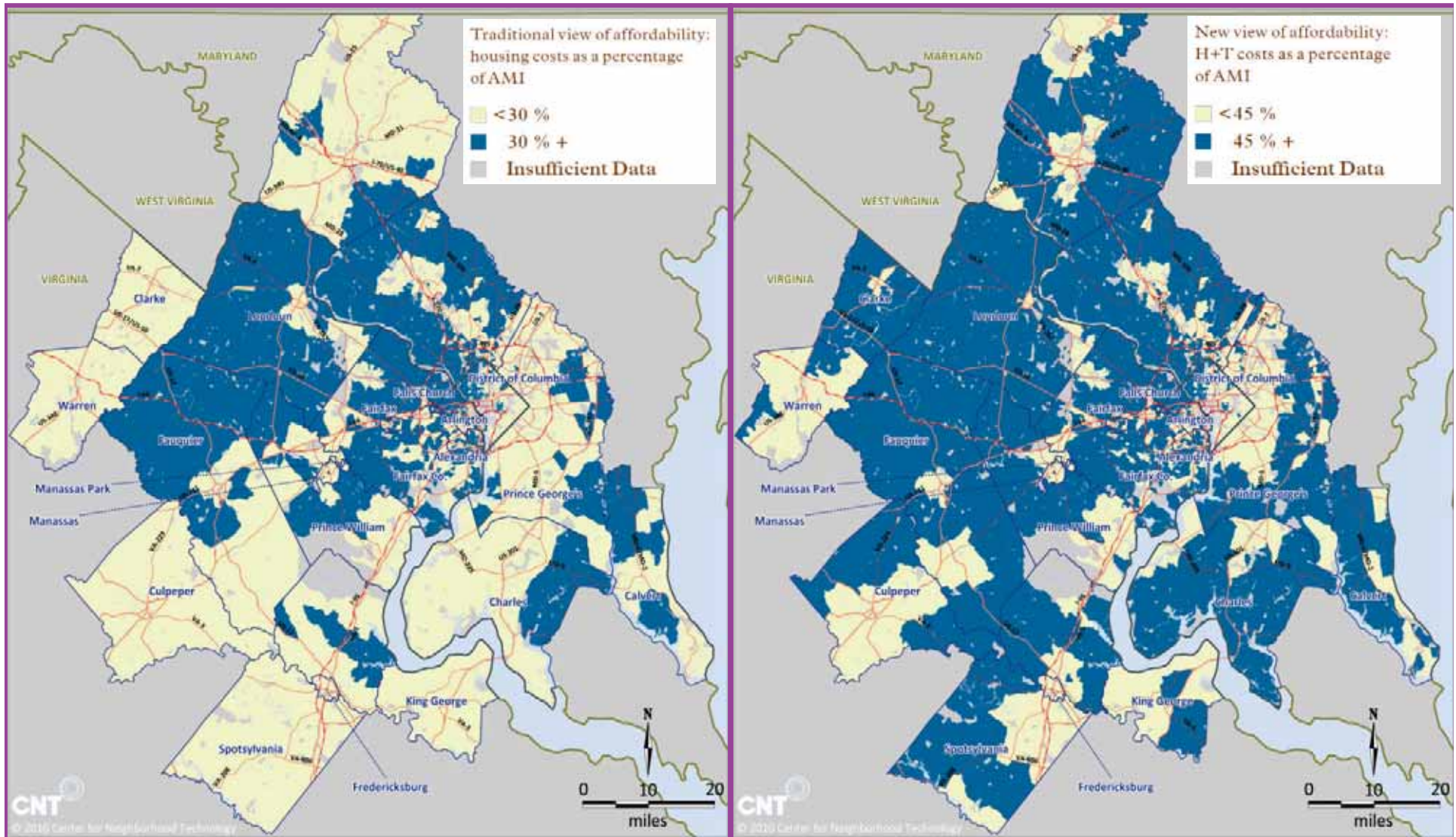


Avg Monthly H+T Costs

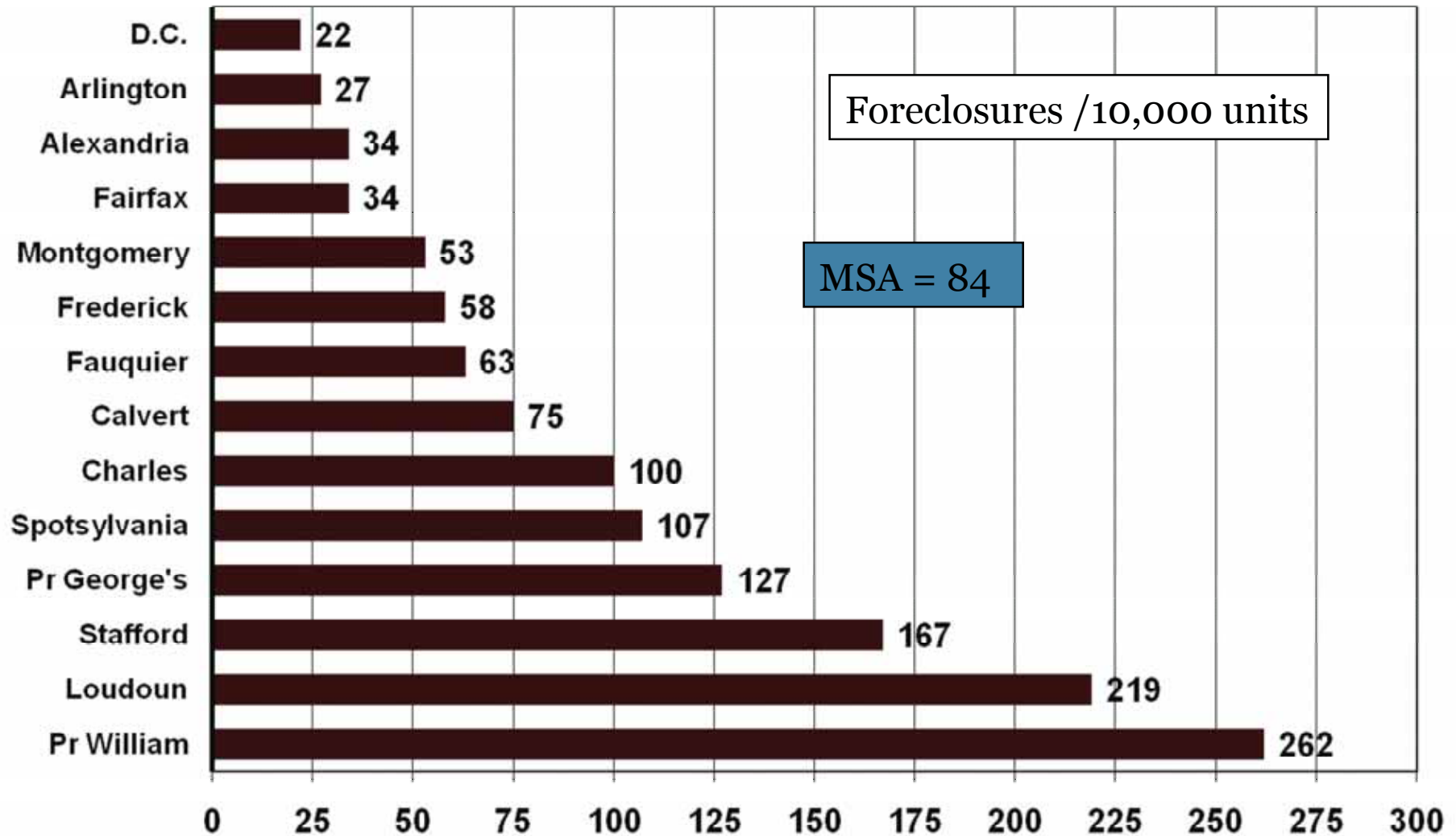
Avg. Monthly H+T Costs
as a Percent of AMI



H + T Index: Changing the Definition of Affordability



Mortgage Foreclosure Rates by County - Nov 30, 2007

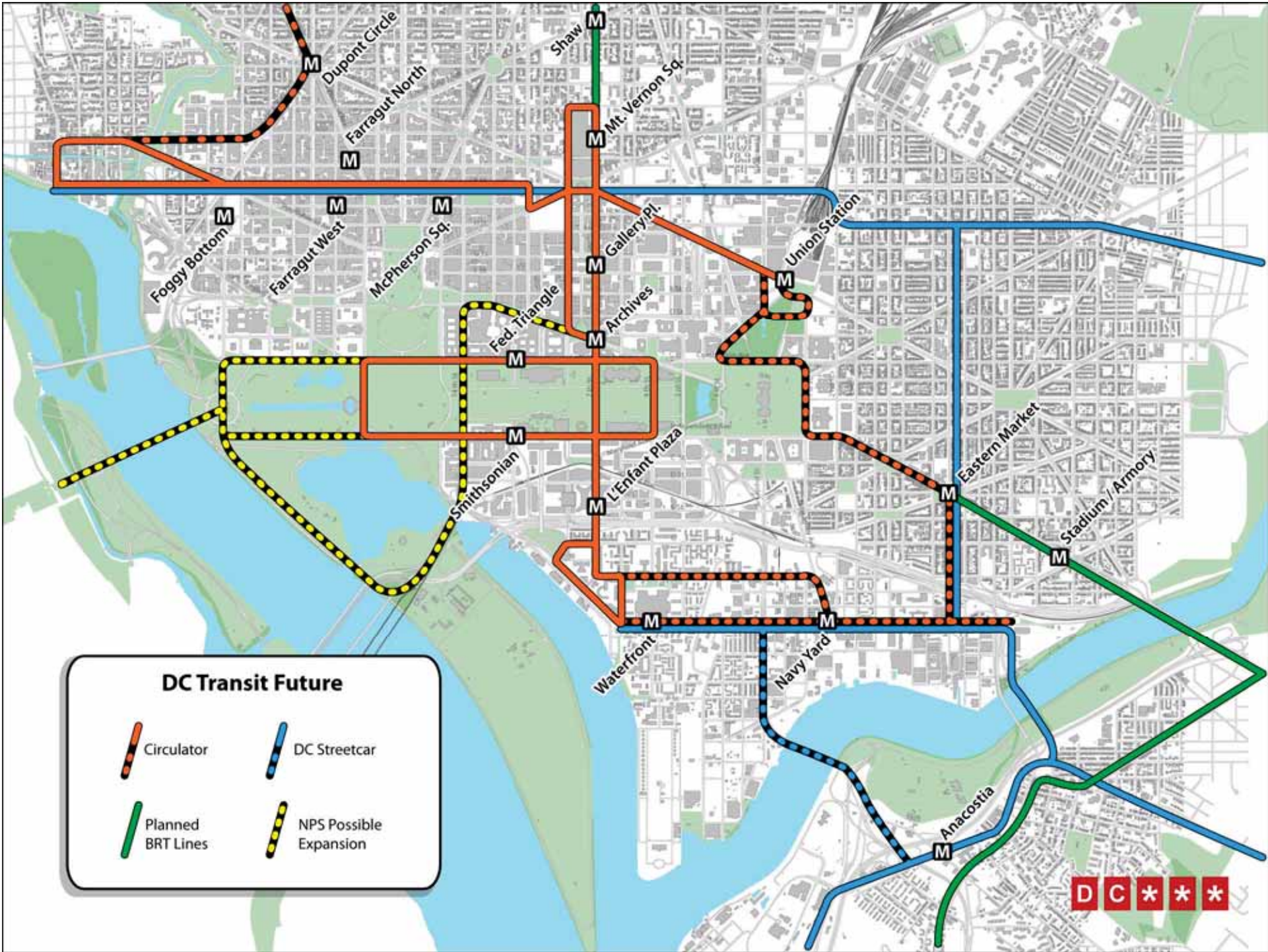


Source: RealtyTrac, Center for Regional Analysis



The Happy City

- **Inclusive**
- **Beautiful**
- **Convenient**
- **More Connected**
- **Luxurious**



Streetcar connects more neighborhoods to jobs



Streetcar Benefit



Criteria based on:

- Population density
- Current transit access to jobs
- Walkable proximity to Streetcar



Where Pedestrians Rule: *Beauty and Convenience*

- Compact Development
- Interesting streetscape & public realm
- Notable Historic Character
- Great destinations including shopping districts, parks and public realm
- Neighborhood convenience

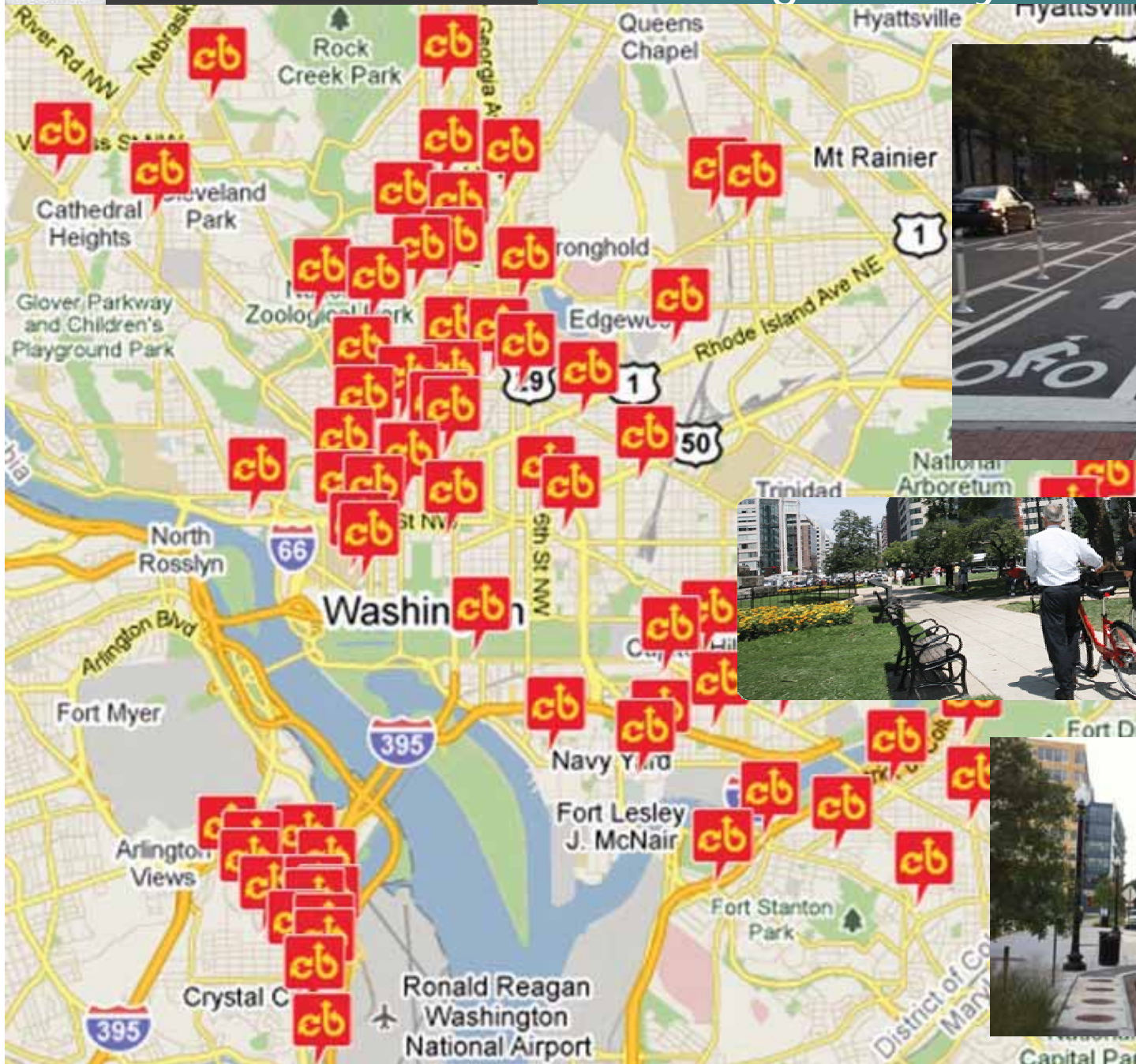






Capital Bikeshare

A Regional System



The Luxury of Choice





Evidence of Changing Preferences

- From 1994 to 2008, the share of transit, walking and bicycling trips increased in the District from 40% to 46% (e.g., 15%)
- Between 2005 and 2008 the % of passenger vehicle and motorcycle registrations in the District decreased by 11%

Extensive Metro System

Service Area: 1,500 sq miles
3.5 million people

Metrorail: 41 stations
5 lines

Metrobus: 323 routes
11,624 bus stops

Ridership

	FY 2010	Average Weekday (June 2011)
Rail	217 million	793,515
Bus	124 million	434,638



Branded bus service - *DC Circulator*

- Simple fee structure, easy-to-use, clear routes
- Strong branding
- Five routes, 4th largest bus system in the region
- *Where's My Bus* smartphone application
- 416,424 rides in December 2010

492% increase in ridership over 3.5 years



Top 3 Trip Types:

- Commute
- Recreational
- Shop/Dine

Traditional car infrastructure mindset: And let there be parking...

Even though there's rail, bus, biking, walking...

- 1,000 space underground garage with a price tag of \$42 million
- “Needed” to attract national credit tenants to the DC USA project
- Parking has been significantly underutilized
- Peak day use < 500 spaces
- 350 spaces now offered for daily and monthly parking
- Metro station serves more than 17,000 riders daily



Types of Walking

- Rambling
- Utilitarian Walking
- Strolling, Lingerin
- Promenading
- Special Events



The Indicator Species for Great Cities



For more information

Harriet Tregoning

Director

District of Columbia Office of Planning

1100 4th Street, SW, Suite E650

Washington DC 20024

202-442-7600

harriet.tregoning@dc.gov

www.planning.dc.gov

Facebook & Twitter @OPinDC