

District of Columbia Community Access Network



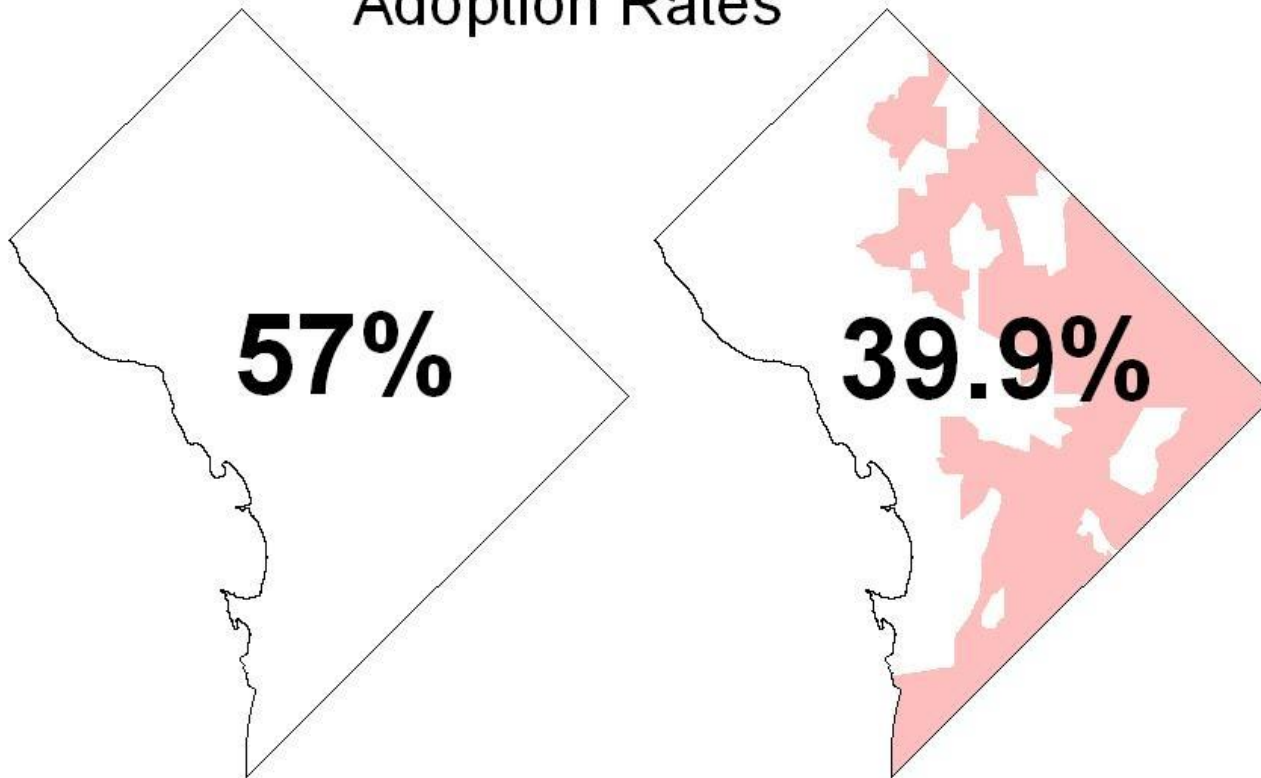
Anacostia Coordinating Council Annual Meeting
May 31, 2011

DC-CAN

- Broadband infrastructure project focusing primarily on Wards 5, 7 and 8 – underserved areas of the city
- Brings affordable broadband to over 250 community anchors
- Creates high-speed middle-mile open-access network for last mile service providers
- Spurs broadband adoption and economic development in underserved areas
- 3 year, \$25 million project to be complete by June 2013

Underserved Areas

Adoption Rates *



Entire District

Underserved Service Area

* Based on carrier provided data from PSC

For Community Anchors...

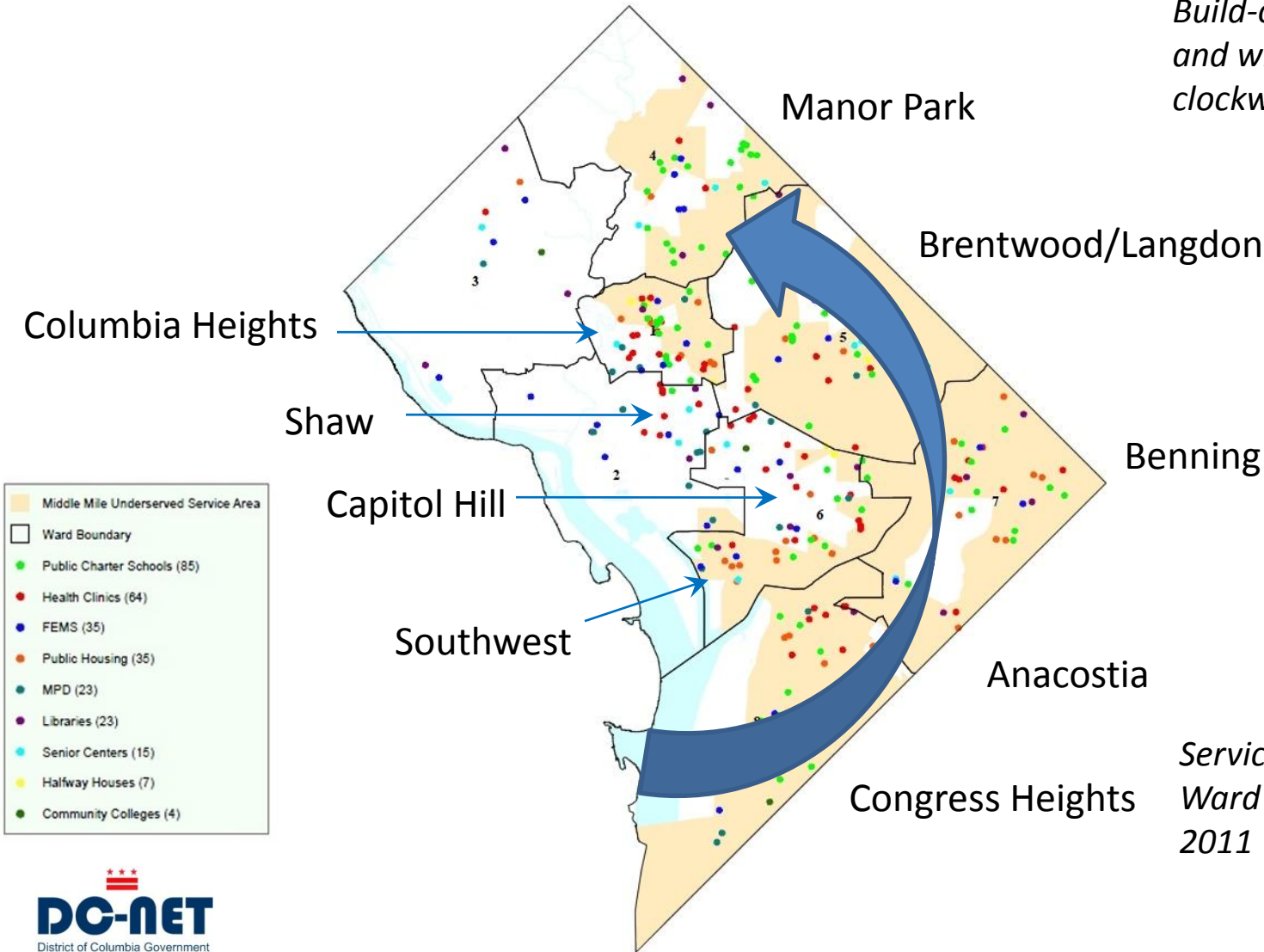
- DC-CAN brings broadband to over 250 community anchor institutions, including:
 - Health Clinics
 - Senior Wellness Centers
 - Public Charter Schools
 - CCDC and UDC campuses
 - Early Childhood Learning Centers
 - Community Service Centers
 - Public Housing Locations
- Upgrades public libraries, FEMS and MPD stations
- Covers cost of capital build out to sites

Community Anchor Services

- Internet Access – 10 Mbps to 1 Gbps symmetrical
- Data Transport – 10 Mbps to 10 Gbps
- Voice services
 - VoIP
 - Web conferencing services
- Wireless LAN access for voice, data, and video services
- Video conferencing, streaming, and recording

Community Anchor Build Out

Build-out started in Ward 8 and will proceed in counter-clockwise direction



Services to be available in Ward 8 beginning Summer 2011

Community Anchor Build Out

Neighborhood Loop	CAI Service Availability Date
Anacostia	Late Spring 2011
Congress Heights	Summer 2011
Benning	Fall 2011
Brentwood/Langdon	Early Winter 2012
Manor Park	TBA
Columbia Heights	TBA
Shaw	TBA
Capitol Hill	TBA
Southwest	TBA

Hotspot Pilot Project – Barry Farm



Project
Start Point
Birney School

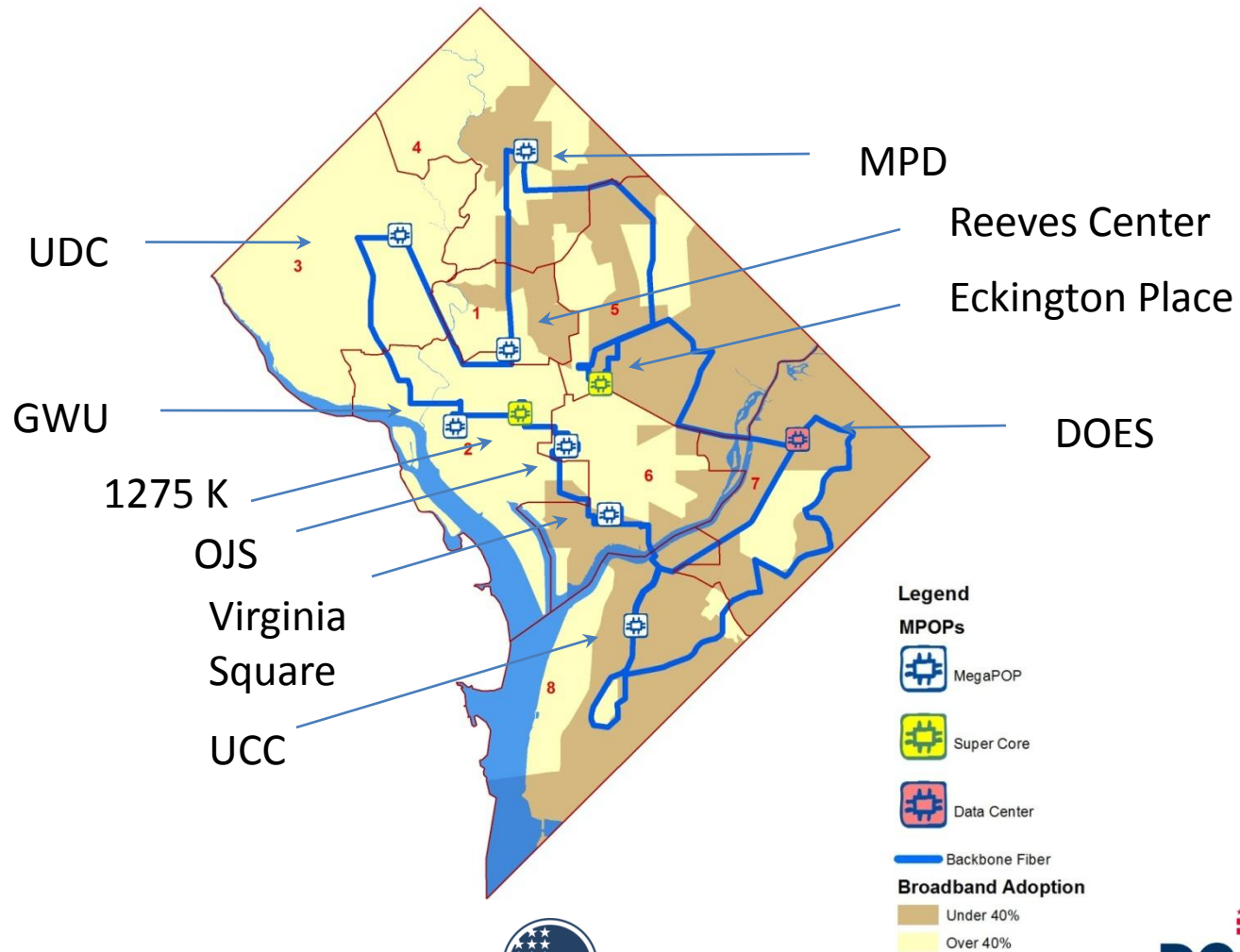
Hotspot Pilot Project – Barry Farm

- Free wireless Internet for 3 months at estimated user speeds up to 5 Mbps download and up to 2 Mbps upload
- Estimated 25 Wi-Fi outdoor wireless access points provided by vendor, managed by DC-Net
- Support for public safety and other government applications
- Evaluating sustainable, low-cost service models via public/private partnership

For Service Providers...

- DC-CAN provides wholesale middle-mile broadband services over fiber optic infrastructure
 - In-kind support for build out in underserved areas
- Network open to any qualified service provider in the District
- Does not fund last mile build out or other startup costs

DC-CAN Connection Points



Next Steps

- Spread the word – inform community anchors in your area about DC-CAN services
- Check the DC-CAN website for service availability and information:

<http://dcnet.dc.gov/DC/DCNET/DC-CAN>

Contact Information

- **Web:** www.dcnet.dc.gov
- **Email:** dccan@dc.gov
- **Sales Support:** dcnetbu@dc.gov