



BOARD OF DIRECTORS

January 13, 2016
12:00 - 2:00 P.M.
Walter A. Scheiber Board Room

AGENDA

- 12:00 P.M.** **1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE**
Kenyan McDuffie, COG Vice Chairman Pro Tem
- 12:05 P.M.** **2. ELECTION OF 2016 COG BOARD OFFICERS AND POLICY COMMITTEE'S LEADERSHIP**
Kenyan McDuffie, COG Vice Chairman

Chairman Bill Euille chaired the 2016 Nominating Committee for both the COG Corporate and COG Board Officers. The Corporate Officers were elected at the COG Annual Membership and Awards Luncheon on December 9, 2015. Vice Chairman McDuffie will submit for approval of the proposed slate of policy committee leadership and the COG Board officers for 2016: Chairman Roger Berliner, Vice Chairman Kenyan McDuffie, and Vice Chairman Matt Letourneau.

Recommended Action: Adopt Resolution R1-2016.
- 12:10 P.M.** **3. ANNOUNCEMENTS**
Roger Berliner, COG Board Chairman

A. Board of Directors Calendar for 2016
B. Welcome New Board Members
- 12:15 P.M.** **4. EXECUTIVE DIRECTOR'S REPORT**
Chuck Bean, COG Executive Director
- 12:20 P.M.** **5. AMENDMENTS TO THE AGENDA**
Roger Berliner, COG Board Chairman
- 12:25 P.M.** **6. APPROVAL OF THE MINUTES FROM NOVEMBER 12, 2015**
Roger Berliner, COG Board Chairman

Recommended Action: Approve minutes.
- 12:30 P.M.** **7. ADOPTION OF CONSENT AGENDA ITEMS**
Roger Berliner, COG Board Chairman

A. Resolution R2-2016 – Resolution authorizing COG to enter into a contract for Global Cities Initiative leadership and management

Recommended Action: Ratify Resolution R2-2016.

12:35 P.M. 8. FY 2015 AUDIT AND SOLICITATION OF PROPOSALS FOR FY 2016 AUDIT

*John Foust, Chairman, COG Audit Committee
Leta Simons, COG Chief Financial Officer*

SB & Company, LLC, provided a draft FY-2015 audit report to the Audit Committee at its November meeting, and subsequently issued an unqualified or “clean” audit for COG. As per Board Resolution R20-2015, the Audit Committee is required to solicit informal quotes or formal proposals at least every five (5) years from at least three (3) qualified audit firms to assess competitive pricing of audit services. The Board will be asked to accept the 2015 Audit and authorize the solicitation of formal proposals from at least three (3) independent audit firms for the annual fiscal year-end audit for FY 2016.

Recommended Action: Adopt Resolution R3-2016.

12:40 P.M. 9. FY 2017 WORK PLAN & BUDGET

Chuck Bean, COG Executive Director

The Executive Director presented a proposed FY-2017 (July 1, 2016 to June 30, 2017) Work Program and Budget to the COG Budget and Finance Committee, which met in October and November of 2015. The Committee recommended COG Board approval of the FY-2017 Work Program and Budget. The proposed FY-2017 budget was also reviewed by the Chief Administrative Officers at their meeting in November of 2015. Bean will summarize the proposed FY-2017 Work Program and Budget.

Recommended Action: Adopt Resolution R4-2016.

12:50 P.M. 10. BRIEFING FROM WMATA GENERAL MANAGER

Paul Wiedefeld, WMATA General Manager

The board will be briefed by Paul Wiedefeld, General Manager, WMATA, about his initial observations as the head of WMATA and his priorities in 2016.

Recommended Action: Receive briefing.

1:20 P.M. 11. 2016 STATE OF THE REGION: ECONOMIC COMPETITIVENESS REPORT

*Emmett Jordan, COG Region Forward Coalition Chairman
Paul DesJardin, COG Community Planning and Services Director
Bob Sweeney, Global Cities Initiative Managing Director*

In 2015 the COG Board of Directors and Region Forward Coalition adopted a joint focus on Economic Competitiveness for policy makers, planners and business leaders to collectively assess the current economic state and potential of the region. DesJardin will brief the board on the results from the Economic Competitiveness report. Following the report Bean will update the board on the Global Cities Initiative.

Recommended Action: Review report and adopt Resolution R5-2016.

1:40 P.M. 12. 2016 LEGISLATIVE PRIORITIES

Roger Berliner, COG Board Chairman

Monica Beyrouti, COG Government Relations and Member Services Coordinator

Enhancing COG's legislative priorities and strengthening relationships with state and federal elected officials continues to be a focus of COG Board leadership and COG staff. Staff has worked with COG's policy committees and the Legislative Committee to draft the region's 2016 legislative platform. Beyrouti will brief the COG Board on the 2016 legislative priorities.

Recommended Action: Adopt Resolution R6-2016.

1:55 P.M. 13. OTHER BUSINESS

2:00 P.M. 14. ADJOURN

The next meeting is scheduled for Wednesday, February 10, 2016.

Reasonable accommodations are provided upon request, including alternative formats of meeting materials. Click here for information: www.mwcog.org/accommodations or call (202) 962-3300 or (202) 962-3213 (TDD)

AGENDA ITEM #2

ELECTION OF 2016 COG BOARD OFFICERS AND POLICY COMMITTEE'S LEADERSHIP

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
PROPOSED 2016 COMMITTEE APPOINTMENTS**

NAME	JURISDICTION	LEADERSHIP RESPONSIBILITY
COG Board of Directors		
Roger Berliner	Montgomery County	COG Board Chair
Kenyan McDuffie	District of Columbia	COG Board Vice Chair
Matthew Letourneau	Loudoun County	COG Board Vice Chair
COG Board Policy Advisory Committees		
Craig Rice	Montgomery County	Chair, Chesapeake Bay
Penny Gross	Fairfax County	Chair, Climate, Energy and Environment
Brenda Donald	District of Columbia	Chair, Human Services and Public Safety
David Snyder	City of Falls Church	Chair, Emergency Preparedness Council
Emmett Jordan	City of Greenbelt	Co-Chair, Region Forward Coalition
David Grosso	District of Columbia	Co-Chair, Region Forward Coalition
Budget And Finance Committee		
Roger Berliner	Montgomery County	COG Board Chair
Kenyan McDuffie	District of Columbia	COG Board Vice Chair
Matthew Letourneau	Loudoun County	COG Board Vice Chair
Tim Lovain	City of Alexandria	TPB Chair
Brianne Nadeau	District of Columbia	MWAQC Chair
Rushern Baker	Prince George's County	COG President
Penny Gross	Fairfax County	COG Secretary-Treasurer
Audit Committee		
John Foust, <i>Chair</i>	Fairfax County	COG Board Member
Kenyan McDuffie	District of Columbia	COG Board Member
Matthew Letourneau	Loudoun County	COG Board Member
David Meyer	City of Fairfax	COG Board Member
Brian Feldman	State of Maryland	COG Board Member
Employee Compensation and Benefits Review Committee		
Roger Berliner	Montgomery County	COG Board Chair
Kenyan McDuffie	District of Columbia	COG Board Vice Chair
Matthew Letourneau	Loudoun County	COG Board Vice Chair
Phil Mendelson	District of Columbia	Past COG Board Chair
Rushern Baker	Prince George's County	COG President
Penny Gross	Fairfax County	COG Secretary-Treasurer
Pension Plan Administrative Committee		
Chuck Bean, <i>Chair</i>	MWCOG	COG Executive Director
Penny Gross	Fairfax County	COG Secretary-Treasurer
Judith Davis	City of Greenbelt	Past COG Secretary-Treasurer
Karen Toles	Prince George's County	Past COG Secretary-Treasurer
Imelda Roberts	MWCOG	COG OHRM
Michael Farrell	MWCOG	Employee Representative
John Snarr	MWCOG	Employee Representative
Leta Simons**	MWCOG	COG CFO, ex officio

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 NORTH CAPITOL STREET, NE
WASHINGTON, DC 20002-4239**

RESOLUTION APPROVING THE 2016 COG BOARD, POLICY AND ADMINISTRATIVE COMMITTEE LEADERSHIP

WHEREAS, the Metropolitan Washington Council of Governments (COG) is comprised of the 22 jurisdictions of the National Capital Region's local governments and their governing officials, plus area members of the Maryland and Virginia legislatures and the U.S. Senate and House of Representatives, and COG provides a focus for action on issues of regional concern; and

WHEREAS, the COG Board of Directors approves the leadership for the COG Board, individual policy committees, and the administrative committees, and various other positions that report to the Board of Directors; and

WHEREAS, the COG Board is being asked to approve the proposed slate to serve in 2016.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS THAT:

The Board approves the proposed slate of individuals to serve as the 2016 leadership on the following committees:

- COG Board of Directors
- Chesapeake Bay Policy Committee
- Climate, Energy and Environment Policy Committee
- Human Services and Public Safety Policy Committee
- Emergency Preparedness Council
- Region Forward Coalition
- Audit Committee
- Budget and Finance Committee
- Employee Compensation and Benefits Review Committee
- Pension Plan Administrative Committee

AGENDA ITEM #3

ANNOUNCEMENTS

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
Board of Directors
Executive Committee

Proposed 2016 Meeting

Mark Your Calendars!

Board of Directors
January 13
February 10
March 9
April 13
May 11
June 8
July 15-17 Annual Retreat
No August meeting
September 14
October 12
November 9
December 14 Annual Meeting

- The COG Board of Directors meets monthly on the second Wednesday from 12:00-2:00PM. Lunch is available for Board Members and Alternates at 11:30AM.
- There is no board meeting scheduled for July, August, and December.
- The agenda and supporting materials are posted to the website, and emailed out the first Wednesday of each month, one week before the meeting.

AGENDA ITEM #4

EXECUTIVE DIRECTOR'S REPORT



EXECUTIVE DIRECTOR'S REPORT

January 2016

COMMITTEE WORK FEATURE OUTREACH CALENDAR MEDIA

Policy Boards & Committees

NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD (TPB)

Area officials gathered in November to mark the 50th anniversary of the TPB at a reception featuring remarks by current and former TPB members and staff. [CLICK HERE FOR A VIDEO RECAP](#). In November and December, the TPB also received a series of briefings on Metro, including Momentum, Metro's strategic plan, and a discussion of how the TPB and local jurisdictions can best support WMATA in the future.

CHESAPEAKE BAY POLICY COMMITTEE (CBPC)

The CBPC convened members of the EPA, Chesapeake Bay Program, and the states for the fifth annual Bay and Water Quality Forum in November. They highlighted regional water quality achievements and challenges and planned future joint actions to enhance the region's local waters and the Bay. In 2016, participants plan to coordinate federal-state-local actions on climate resiliency, source water protection, and sound public communication about the value of water.

HUMAN SERVICES AND PUBLIC SAFETY POLICY COMMITTEE (HSPSPC)

Virginia Commonwealth University's Dr. Steven Woolf briefed the HSPSPC at their November meeting on the importance of Health in All Policies (HiAP)—a cross-sector approach to tackling health inequities—to begin a discussion of how HiAP might be implemented locally or regionally. The committee also welcomed DC Department of Behavioral Health's Kevin O'Brien for a review of behavioral health intervention and support initiatives for disasters and emergency situations.



Heart of COG:

LISA RAGAIN AND THE PARALLELS BETWEEN WATER SECURITY AND TRANSPORTATION SAFETY

Although COG Principal Water Planner Lisa Ragain (*third from left*) has been working on water protection and communication since the 1990s, her expertise doesn't end there. She's lending her skills to the improvement of another important infrastructure system—Metro.

[CLICK HERE FOR THE FEATURE](#)

COG ANNUAL MEETING AND AWARDS LUNCHEON

Glen Hiemstra, Futurist.com Founder and CEO, delivered the keynote address at the Annual Meeting. His presentation focused on technological advancements and their impact on car ownership, accidents, travel patterns, and urban and transportation planning in the future. During the awards portion of the meeting, COG recognized Scott York (Loudoun County) and Marc Bashoor (Prince George’s County) for their regional leadership, as well as the Baltimore Metropolitan Council for their partnership.

CITY AND COUNTY MANAGERS RETREAT

At the Chief Administrative Officers and Economic Development Directors Retreat on December 2, more than 60 city and county managers and economic officials from across the region gathered to discuss the region’s competitiveness.

GLOBAL CITIES INITIATIVE

COG’s Chuck Bean and Paul DesJardin joined other private and public sector leaders from the District, Maryland, and Virginia at Brookings’ Global Cities Initiative forum to discuss strategies to help the region compete in the global marketplace.

VIGILANCE AND PREPAREDNESS TRAINING

In the wake of recent terrorist attacks, COG, the Greater Washington Board of Trade, and the American Red Cross of the National Capital Region sponsored a special briefing for business and government officials on vigilance and preparedness. Speakers included the FBI’s Special Agent-in-Charge for the District, local police chiefs, and private security experts.

HOMELESS SERVICES

COG’s Hilary Chapman and the Homeless Services Committee hosted the 2016 Point-in-Time Homeless Enumeration training on December 8. Additionally, staff hosted HUD DC Field Office staff and Danish Embassy guests on December 10 to discuss policy efforts for ending homelessness.

ADOPTION EXPO

Child Welfare Program staff participated in the “Adoption Expo” at the Carnegie Library in the District of Columbia on December 5, attended by more than 200 prospective adoptive or foster parents.



Member Feature:
**REGIONAL ACTIONS,
COOPERATION WILL SUPPORT
NEW GLOBAL CLIMATE GOALS**

Achieving the global goals forged in Paris will require actions by countries and regions alike. With a renewed commitment, officials said, metropolitan Washington is prepared to do its part.

D.C. Department of Energy’s Tommy Wells and Department of General Services’ Mark Chambers accept award from C40.

Credit: C40.

January 13 COG Board Packet 11
[CLICK HERE FOR THE BLOG POST](#)

TRANSPORTATION PLANNING BOARD - January 20

JOINT MEETING OF MWAQC AND CEEPC - January 27

COG BOARD OF DIRECTORS - February 10

[CLICK HERE FOR MORE ABOUT THESE AND OTHER COG MEETINGS & EVENTS](#)

FTA ADMINISTRATOR BRIEFS COG BOARD OF DIRECTORS

In November, NBC4, WAMU, and WTOP covered FTA Administrator Therese McMillan’s remarks before the COG Board of Directors on safety oversight of Metro. [CLICK HERE FOR THE WAMU STORY.](#)

COG GATHERS SECURITY OFFICIALS FOR VIGILANCE BRIEFING

COG, the Greater Washington Board of Trade, and the American Red Cross of the National Capital Region hosted area officials for a briefing on vigilance in the wake of recent terrorist attacks. The briefing was covered by NBC4 and the Washington Business Journal. [CLICK HERE FOR THE VIDEO.](#)

OFFICIALS RECOGNIZED FOR SERVICE AT COG ANNUAL MEETING

At the Annual Leadership Meeting and Awards Luncheon, COG recognized Loudoun County Chairman Scott York and Prince George’s County Fire Chief Marc Bashoor for their regional leadership, and the Baltimore Metropolitan Council for their partnership with COG. [CLICK HERE FOR A FEATURE ON YORK BY LOUDOUN NOW](#) AND [HERE FOR A FEATURE ON BASHOOR BY THE SENTINEL.](#)

CHUCK BEAN DISCUSSES POTENTIAL FOR REGIONAL EXPORT PLAN

Executive Director Chuck Bean talked with the Washington Business Journal about growing interest in developing a regional export plan. He specifically discussed the regional efforts to apply for the Brookings Institution’s Global Cities Initiative for help in developing a regional strategy to boost exports. [CLICK HERE FOR THE ARTICLE.](#)



Media Highlight:
PLAN LEARNED FROM FIRE OFFICIALS HELPS ALEXANDRIA CHILD, FAMILY ESCAPE BURNING HOME

Five year old Gabby Mushawar of Alexandria used what she learned from a fire safety obstacle course to help her family evacuate their burning home. The course, “Plan Your Great Escape” is designed and staffed by COG’s Life Safety Committee.

Credit: WTOP

[CLICK HERE FOR THE STORY](#)



Metropolitan Washington Council of Governments

CAPITAL REGION CONNECTIONS



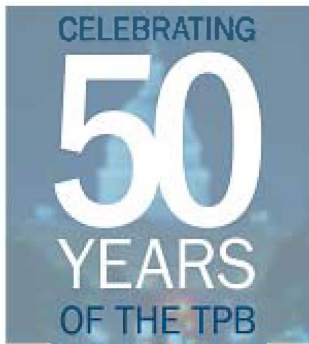
News about the Council of Governments and our Members

December 17, 2015

Connect With Us



Featured Publication



The TPB's 50th anniversary provides an opportunity to look back at the body's role in making the region's transportation system what it is today. Learn more in this [brochure](#).

Calendar

- COG Board of Directors
January 13
- Chesapeake Bay Policy Committee
January 15
- Transportation Planning Board
January 20
- Joint Meeting of Metropolitan Washington Air Quality Committee (MWAQC) and Climate, Energy and Environment Policy Committee (CEEPC)
January 27

[More Events/Meetings](#)

ICYMI on Twitter

The Council of Governments and our members and partners are active participants on social

COG Honors Loudoun County Chairman Scott York with Scull Award

Scott York, chairman of the Loudoun County Board of Supervisors, was honored for his outstanding regional leadership by the Metropolitan Washington Council of Governments (COG) at its annual meeting on December 9. York received COG's highest honor, the Elizabeth and David Scull Award for Metropolitan Public Service (pictured above with COG Executive Director Chuck Bean, COG Board Chairman Bill Euille, and COG President Muriel Bowser). [Read more](#).



Chairman Highlights Major Regional Efforts in 2015

COG Board Chairman William Euille of the City of Alexandria highlighted regional efforts and partnerships related to climate and energy, the economy, public safety, and transportation during his Year-in-Review remarks at the annual meeting. [Read more](#).



Prince George's County Fire Chief Marc Bashoor Wins Kirby Award

At the annual meeting, COG honored Prince George's County Fire Chief Marc Bashoor with the Ronald F. Kirby Award for Collaborative Leadership. As Chairman of the COG Fire Chiefs Committee, Bashoor worked closely with WMATA and COG staff following the January Metrorail smoke incident to improve emergency coordination and communication. [Read more](#).




Glen Hiemstra Predicts Future of Transportation


Glen Hiemstra, Futurist.com Founder and CEO, delivered the keynote address at the annual meeting, which focused on technological advancements and their impact on car ownership.

media. Here's a sampling of some tweets--in case you missed it--to show the wide array of topics covered on Twitter.

Marc Bashoor
[@PGFD_Chief](#)




 Honored to be presented [@RegionForward](#) COG Ronald K. Kirby Award for Collaborative Leadership @ 50th annual ceremony

Tommy Wells
[@TommyWells](#)

 I'm proud to represent [@MurielBowser](#) w/[@DCDGS](#) & to accept the [@C40Cities](#) Award for green energy on behalf of DC!




About COG

The Council of Governments is an independent, nonprofit association where area leaders address regional issues affecting the District of Columbia, suburban Maryland and Northern Virginia. COG's membership is comprised of 300 elected officials from 22 local governments, the Maryland and Virginia state legislatures, and U.S. Congress




accidents, travel patterns, and urban and transportation planning in the future. [Watch the video.](#)   



Baltimore Metropolitan Council Wins Regional Partnership Award




COG recognized the Baltimore Metropolitan Council (BMC) with its Regional Partnership Award at the annual meeting. One of BMC's strongest partnerships with COG is its Mid-Atlantic Purchasing Team (MAPT), a cooperative purchasing effort. Created in 2012, MAPT strengthens the region's purchasing power and the ability to attract lower prices through volume buying. [Read more.](#)   

COG Elects 2016 Corporate Officers

At the annual meeting, COG members elected corporate officers for 2016, including Prince George's County Executive Rushern Baker, who will serve as President. [Read more.](#)   






Transportation Planning Board Elects 2016 Officers

During its December meeting, the National Capital Region Transportation Planning Board (TPB) voted unanimously to elect its 2016 officers, including Alexandria City Councilman Timothy Lovain, who will serve as TPB Chairman. [Read more.](#)   



Vigilance and Preparedness are Key in Facing Terrorist Threats, Experts Advise

In the wake of recent terrorist attacks, COG, the Greater Washington Board of Trade, and the American Red Cross of the National Capital Region held a special briefing on December 14 for business and government officials on vigilance. Experts advised participants to adopt strong security measures and always report suspicious behavior to law enforcement. [Read more and view resources.](#)   

Regional Actions, Cooperation Will Help Support New Global Climate Goals

In a recent Region Forward blog, David Snyder and Roger Berliner, who lead COG committees on air quality and climate and energy issues, said that metropolitan Washington is poised to contribute toward the new global climate goals. They cited recent climate and energy efforts as well as the region's history of cross-sector cooperation on other major challenges like reducing air pollution. [Read more.](#)   



City and County Managers Promote Regional Economic Competitiveness

At the COG Chief Administrative Officers (CAO) & Economic Development Directors Retreat, more than 60 city and county managers and economic officials from across the area, including CAO Chairman Nicholas Majett of Prince George's County, gathered on December 2 to discuss ways to boost the region's economic competitiveness, including developing a global export strategy.



[Read more.](#)   

Metropolitan Washington Council of Governments | 777 N. Capitol St. NE, Washington DC 20002
202-962-3200 | skania@mwkog.org | [Subscribe/Unsubscribe](#)





CAO & Economic Development Directors Retreat
Economic Competitiveness, Economic Collaboration
December 2, 2015



More than 60 chief administrative officers and economic development directors were in attendance.

Welcome Presentation about National Harbor
Milton V. Peterson, Founder and Chairman,
The Peterson Companies

Mr. Peterson welcomed the group to National Harbor:

- National Harbor has created about 6,500 new jobs, and an additional 3,500 jobs will be created by MGM.
- Thirty percent of workers commute from Virginia, and they do not take transit because there isn't any to take them across the river.

Mr. Peterson also shared words of wisdom from decades of development experience:

- Thousands of jobs in our region are unfilled because we are not able to attract enough qualified candidates.
- Millennials choose other regions that offer better quality of life and jobs.
- Motto for regional collaboration: "One helps the other."



Milton V. Peterson, Founder and Chairman,
The Peterson Companies

The Regional Economic Landscape

Dr. Terry Clower, George Mason University Center for Regional Analysis

Dr. Clower discussed the economic landscape and focused on federal procurement and the need for diversification in the region:

- Professional business services is where most procurement shows up. It expanded earlier this year, but has declined since mid-year. Professional business services and education and health services are the main areas of job growth.
- The jobs that are being created do not necessarily help to sustain the economy. For example, it takes five leisure & hospitality jobs to make up for one manufacturing job.
- Forty percent of the economy was tied to federal government in 2010. We need further diversification. Most economic development comes from expanding existing businesses, not relocation.
- Other comparative advantages for our region include commercialization of security and health services. Technology transfer into clinical practice is also a key opportunity.
- We need to retain more local university graduates and invest in anchor institutions to grow jobs.
- Local jurisdictions need to engage directly with businesses to provide incentives and innovation.

Response by Benjamin Wu, Maryland Department of Commerce

Mr. Wu framed his remarks through a past, present, and future perspective of regional economic health:

- Past: The region's reliance on federal government weighed us down. The region will continue to underperform until 2020 at least.
- Present: There is a groundswell among elected officials, businesses, constituents, etc. on how to better engage regionally, grow, and beat economic forecasts.
 - We continue to compete through regional poaching. There will always be competing offers from other jurisdictions for every deal on the table.
- Future: Looking toward a joint regional trade mission among Hogan, Bowser, and McAuliffe.
 - There are opportunities to create regional transportation connections.
 - We need to develop an export strategy to benefit the entire region.



Andrew Scott, WMATA, and Mark Jinks, City of Alexandria, meet up during the break.

Dialogue with Private Sector Leaders on Regional Collaboration

Bob Buchanan, 2030 Group

Mr. Buchanan began the dialogue with an overview of the Roadmap for the Washington Region's Economic Future project:

- We need to take a proactive approach to engage in public-private partnerships.
- What are the industries that are not federally-contract dependent, and how can we nurture them, since most job growth comes from within?
- Quality of life, affordability, and ease of connectivity can help or hinder talent attraction.
- We need to better engage universities. Academia is the third leg of the economic development stool. It provides R&D, talent, and housing/development.
- Mr. Buchanan posed the question to the group, "Is it time to create a regional transportation authority to generate revenue and decide on transportation priorities?"
- With many households in the region spending more than 50 percent of their combined income on housing, we need to address housing affordability.
- Roadmap's message: We have strong assets to build upon. We have civic, public, business, nonprofit, and academic leadership coalition behind Roadmap.



David Winstead, ULI-DC, and Bob Buchanan, 2030 Group

David Winstead, ULI-DC

Mr. Winstead added to Mr. Buchanan's remarks by highlighting three priorities and opportunities for the region moving forward:

1. WMATA and BRT systems. Can we make this more entrepreneurial? Combine CIP contributions, and state and federal funding with private equity to build transportation infrastructure more quickly. A lot of firms are looking for places to invest, and the cost to do so has never been lower.
2. Recent letter to TPB calling for developing metrics and scorecards from a regional perspective. For example, ULI-Chicago Infrastructure Initiative brings together a multidisciplinary group to consider what projects would provide greatest quality of life, economic revenue, etc., conduct analysis, and prioritize projects based on those objectives.
3. We haven't engaged with the Federal government the way we should. WMATA Board has a GSA representative, but we need more.



Marek Gootman, Brookings Institution

The Global Cities Initiative

Marek Gootman, Director of Strategic Partnerships and Global Initiatives, Brookings Institution

Mr. Gootman described the Global Cities Initiative and the opportunities of exports and foreign direct investment for the region's economy:

- The Global Cities Initiative (GCI) is an initiative under JPMorgan Chase and the Brookings Institution to strengthen regional economic competitiveness. GCI includes research (drivers of growth, analyses of key indicators, supply chains, STEM, workforce talent); innovation (piloting solutions in trade sector jobs); and exchange (participants share lessons, hosting cohorts to replicate these activities).
- National Export Initiative provides tangible, programmatic measurements of whether a region's export strategy is working. Two-thirds of regions that participate are successful; those that aren't, do not have organizational commitment or stability.
- GCI is designed to produce results in short period of time, within 5 years.
- Exports are one way to spur growth and diversity. Export activity brings regions together to collaborate in noncompetitive way.
- GCI focuses on honing exports first, then addressing foreign direct investment (FDI). Twelve regions are almost done with this process. GCI has provided a great entryway for regions to get to know their firms better, what got them here, and use that to inform FDI activities.
- To participate in GCI, the metropolitan Washington region will need to demonstrate commitment and cross-sector collaboration by business, universities, and local governments. There are industries in each county that could benefit from this program.

Chuck Bean, COG: We will submit the GCI application in January, anchored by COG, Board of Trade, and others. If accepted in the first quarter, we would have a plan by the end of 2016.

Roundtable Discussion on New Initiatives in Jurisdictions and Ideas for Potential Collaboration

Attendees shared thoughts and ideas on regional collaboration:

- The competitive advantage of the jurisdiction next door will benefit other jurisdictions. If surrounding jurisdictions are successful, they will provide a source of jobs for our residents.
- We need to do a better job funding regional transportation planning projects through existing structures like TPB. Consider creating a scoring system for regionally-significant projects.
- Acknowledging that interjurisdictional competition will continue to exist, the focus should turn to competing against other regions and globally. There is a larger market share possible with global competition.

Roundtable Discussion Highlights:

Victor Hoskins, Economic Development Direction, Arlington:

- We can't compete globally if we focus on local competition so much. There is huge opportunity overseas.

Brian Kenner, Deputy Mayor for Planning and Economic Development, DC:

- We need ways to jointly market ourselves to show we are open for business, and to attract and retain corporations and talent.

Rob Stalzer, Deputy County Executive, Fairfax County:

- Fairfax County's recently-adopted strategic plan for economic success is the County's first strategic plan and takes a broader view of economic success.

Debrief of Retreat and Next Steps:

Chuck Bean, Executive Director, COG

Mr. Bean concludes the retreat by outlining several next steps:

- 1) Pursue Global Cities Initiative, working with the Board of Trade, Consortium of Universities, and others.
- 2) Pursue joint trade missions. We will identify a handful of willing participants.
- 3) Building on GCI and developing a better understanding of exports, move into joint branding and marketing of the region.
- 4) Continue GSA engagement. Host a meeting between CAOs and GSA on their new federal facility location policy.
- 5) Continue collaboration with Federal Laboratory Consortium for Technology Transfer. COG can be the connection between local jurisdictions and the FLC.



Chuck Bean, Executive Director of COG, concludes the retreat by providing an overview of next steps.

AGENDA ITEM #5

AMENDMENTS TO THE AGENDA

AGENDA ITEM #6

APPROVAL OF THE MINUTES FROM NOVEMBER 12, 2015

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 North Capitol Street, NE
Washington, D.C. 20002**

**MINUTES
Board of Directors Meeting
November 12, 2015**

BOARD MEMBERS AND ALTERNATES: See attached chart for attendance

STAFF:

Chuck Bean, Executive Director
Sharon Pandak, General Counsel
Monica Beyrouiti, Member Services Associate/Clerk to the Board

GUESTS:

Therese McMillan, Acting Administrator, Federal Transit Administration

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chairman Euille called the meeting to order at 12:10PM and led those present in the Pledge of Allegiance.

2. ANNOUNCEMENTS

- A. COG Annual Meeting – Wednesday, December 9
- B. Outgoing Board Members

3. EXECUTIVE DIRECTOR'S REPORT

The Executive Director briefed the board on COG's recent involvement with the Global Cities Initiative and interest in getting the region more involved in 2016. In early November COG hosted a Winter Weather Briefing to bring area officials together to discuss plans for winter 2016. Bean announced advancements on the Cooperative Purchasing program with increased presentations and outreach to COG committees and members. Bean highlighted two regional partnerships with Leadership Greater Washington and the Consortium of Universities. In the remainder of 2015 Bean shared that he will be making presentations to the City of Fairfax, the City of Greenbelt, and the City of Manassas Park. Bean noted that there were a significant number of consent agenda items on the agenda due to the annual cycle of homeland security subgrants. The November Heart of COG was Jenny Schitter for her work to improve the Health Officers Committee and the Latino Health Forum.

4. AMENDMENTS TO AGENDA

An amendment was approved to table the Climate and Energy Progress Report.

5. APPROVAL OF MINUTES

The minutes of the October 14, 2015 Board Meeting were approved.

6. ADOPTION OF CONSENT AGENDA ITEMS

- A. Resolution R60-2015 – Resolution authorizing COG to enter into a Memorandum of Understanding with the Maryland Department of Natural Resources for Anacostia forestry-related services
- B. Resolution R61-2015 – Resolution authorizing COG to enter into a Memorandum of Understanding with the Maryland Department of Natural Resources for Anacostia River

Watershed Restoration Partnership-related services

- C. Resolution R62-2015 – Resolution authorizing COG to procure and enter into a contract to support the DC Emergency Response System (DCERS) Program Management Office (PMO) sustainment
- D. Resolution R63-2015 – Resolution authorizing COG to procure and enter into a contract to sustain, maintain, and build upon previous phases of the NCR Situational Awareness Dashboard
- E. Resolution R64-2015 – Resolution authorizing COG to enter into a contract to obtain the services of a regional information collection and coordination center (IC3) manager and staff of one
- F. Resolution R65-2015 – Resolution authorizing COG to procure and enter into a contract to develop Metrorail station emergency response training for WMATA
- G. Resolution R66-2015 – Resolution authorizing COG to enter into a contract to develop and conduct a Metrorail station emergency response exercise series for WMATA
- H. Resolution R67-2015 – Resolution authorizing COG to procure and enter into a contract to develop a Tactical Response to Multi-site Critical Incidents exercise series for the Police Chiefs Committee
- I. Resolution R68-2015 – Resolution authorizing COG to enter into a contract to procure technical rescue personal protective equipment as requested by the Fire Chiefs Committee
- J. Resolution R69-2015 – Resolution authorizing COG to procure and enter into a contract to develop a District Preparedness Planning Toolkit
- K. Resolution R70-2015 – Resolution authorizing COG to enter into a contract to develop a District Community Profile for the District of Columbia Homeland Security and Emergency Management Agency
- L. Resolution R71-2015 – Resolution authorizing COG to enter into a contract to update the preparedness framework for the District of Columbia Homeland Security and Emergency Management Agenda
- M. Resolution R72-2015 – Resolution authorizing COG to procure and enter into a contract to maintain and enhance a District All-hazards Incident Management Team (IMT) Certification-credentialing program
- N. Resolution R73-2015 – Resolution authorizing COG to enter into a contract to update or develop four fire and rescue preparedness plans
- O. Resolution R74-2015 – Resolution authorizing COG to enter into a contract to develop District of Columbia Logistic Management & Resource support plans
- P. Resolution R75-2015 – Resolution authorizing COG to procure and enter into a contract to provide strategic support for the District of Columbia HSEMA
- Q. Resolution R76-2015 – Resolution authorizing COG to accept project funds for the operation and maintenance of the NCR Homeland Security Program Management Office (PMO)
- R. Resolution R77-2015 – Resolution authorizing COG to apply for grant funds from the Morris and Gwendolyn Cafritz Foundation to support Child Welfare, Foster Care and Wednesday's Child programs

ACTION: The Board adopted Resolutions R60-2015 and R77-2015.

7. FY 2015 YEAR END FINANCIAL STATEMENTS (UNAUDITED) AS OF JUNE 30, 2015

COG Secretary-Treasurer Karen Toles briefed the board on the work of the COG Budget and Finance Committee. COG CFO Leta Simons presented the FY2015 Year End Financial Statements.

ACTION: Received briefing.

8. CLIMATE AND ENERGY PROGRESS REPORT

Item tabled.

ACTION: None.

9. THE ROLE OF THE FTA, THE STATES, AND THE SUPPORT OF COG TO CREATE A METRO SAFETY COMMISSION

FTA Acting Administrator McMillan provided information on State Safety Oversight Agency functions contained in MAP-21, the new role that FTA will perform in safety oversight of WMATA as recently announced by Secretary Foxx, and how FTA and MWCOG can support the three states to fulfill the requirements of a State Safety Oversight Agency by expeditiously creating a Metro Safety Commission.

ACTION: Received briefing.

10. ECONOMIC COMPETITIVENESS REPORT PREVIEW

Region Forward Coalition Chair Emmett Jordan briefed the board on the work of the Region Forward Coalition and the COG Board on economic competitiveness throughout 2015. Paul DesJardin and Maria Zimmerman reviewed the status on this initiative and presented an outline of the draft Economic Competiveness report. Executive Director Chuck Bean explained the Global Cities Initiative and requested approval to submit an application for the Washington region.

ACTION: The board adopted Resolution R78-2015.

11. EXECUTIVE SESSION

The board entered an Executive Session.

12. OTHER BUSINESS

There was no other business.

13. ADJOURNMENT – Upon motion duly made and seconded, the meeting was adjourned at 1:45PM.

November 2015 Attendance

<u>Jurisdiction</u>	<u>Member</u>	<u>Y/N</u>	<u>Alternate</u>	<u>Y/N</u>
District of Columbia				
Executive	Hon. Muriel Bowser		Brenda Donald Brian Kenner (Andrew Trueblood)	Y
	Mr. Rashad Young		Kevin Donahue	
Council	Hon. Phil Mendelson	Y		
	Hon. Kenyan R. McDuffie	Y		
Maryland				
Bowie	Hon. G. Frederick Robinson		Hon. Dennis Brady	
Charles County	Hon. Ken Robinson	Y	Hon. Amanda Stewart Hon. Peter Murphy	
City of Frederick	Hon. Randy McClement	Y		
Frederick County	Hon. Jan Gardner		Mr. Roger Wilson	Y
College Park	Hon. Andrew Fellows	Y	Hon. Denise Mitchell	
Gaithersburg	Hon. Jud Ashman		Hon. Cathy Drzyzgula Hon. Neil Harris	
Greenbelt	Hon. Emmett Jordan	Y	Hon. Judith "J" Davis	
Montgomery County				
Executive	Hon. Isiah Leggett		Mr. Tim Firestine	
Council	Hon. Roger Berliner	Y		
	Hon. Nancy Navarro	Y		
Prince George's County				
Executive	Hon. Rushern Baker		Mr. Nicholas Majett	
Council	Hon. Karen Toles	Y		
	Hon. Andrea Harrison	Y		
Rockville	Hon. Bridget Newton		Emad Elshafei	
Takoma Park	Hon. Bruce Williams	Y	Hon. Terry Seamens	
Maryland General Assembly	Hon. Brian Feldman	Y		
Virginia				
Alexandria	Hon. William Euille	Y	Hon. Redella Pepper	
Arlington County	Hon. Walter Tejada		Hon. Jay Fisette	
City of Fairfax	Hon. David Meyer		Hon. Jeffrey Greenfield	
Fairfax County	Hon. Sharon Bulova	Y	Hon. Catherine Hudgins	
	Hon. Penelope A. Gross	Y	Hon. Patrick Herrity	
	Hon. John Foust	Y	Hon. Michael Frey	
Falls Church	Hon. David Tarter		Hon. David Snyder	
Loudoun County	Hon. Matt Letourneau	Y		
Loudoun County	Hon. Scott York		Hon. Shawn Williams	
Manassas	Hon. Jonathan Way	Y-CC		
Manassas Park	Hon. Michael Carrera	Y	Hon. Suhas Naddoni	
Prince William County	Hon. Frank Principi	Y	Pete Candland	
	Hon. Jeanine Lawson	Y		
Virginia General Assembly	Hon. George Barker			

Total: 23

AGENDA ITEM #7

ADOPTION OF CONSENT AGENDA ITEMS

ADOPTION OF CONSENT AGENDA ITEMS

A. **Resolution R2-2016 – Resolution ratifying COG Board Executive Committee’s approval to enter into a contract for Global Cities Initiative leadership and management**

The Executive Committee approved Resolution R2-2016 on December 21, 2015. The Board will be asked to ratify Resolution R2-2016, authorizing COG to enter into a contract with Robert Sweeney not to exceed \$56,500 over a 10 month period to serve as Managing Director, Global Cities Initiative as well as planning support for supporting regional joint trade missions. Approval by the Board is recommended by COG’s Executive Director and General Counsel. Funding will be provided using identified funds from the FY 2016 and FY 2017 budgets.

Recommended Action: Ratify Resolution R2-2016

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 North Capitol Street, NE
Washington, DC 20002

**RESOLUTION AUTHORIZING COG TO ENTER INTO A CONTRACT FOR GLOBAL CITIES INITIATIVE
LEADERSHIP AND MANAGEMENT**

WHEREAS, the Metropolitan Washington Council of Governments (COG) is comprised of the 22 jurisdictions of the National Capital Region's local governments and their governing officials, plus area members of the Maryland and Virginia legislatures and the U.S. Senate and House of Representatives, and COG provides a focus for action on issues of regional concern; and

WHEREAS, in 2015 the COG Board of Directors and Region Forward Coalition adopted a focus on Economic Competitiveness for policy makers, planners and business leaders to collectively address; and

WHEREAS, the Global Cities Initiative is a \$10 million, five-year project of Brookings and JPMorgan Chase aimed at helping the leaders of metropolitan America strengthen their regional economies by becoming more competitive in the global marketplace; and

WHEREAS, the Global Cities Initiative is built on the concept that the global economy is a network of metropolitan economies which are home to most of the world's population, production, finance, and sources of innovation. Combining Brookings' deep expertise in fact-based, metro-focused research and JPMorgan Chase's longstanding commitment to investing in cities; and

WHEREAS, the initiative will provide the region with proven, actionable ideas for how to expand the global reach of their economies, building on best practices and policy innovations from across the nation and around the world while creating an international network of leaders intent upon deepening trade relationships; and

WHEREAS, the Board of Directors at its November 12, 2015 meeting authorized (Resolution R78-2015) the Executive Director to collaborate with partners in the private, academic, and civic sectors to submit an application to participate in the Global Cities Initiative.

**NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE METROPOLITAN
WASHINGTON COUNCIL OF GOVERNMENTS THAT:**

The Executive Director, or his designee, is authorized to enter into a contract not to exceed \$56,500 with Robert Sweeney to serve as Managing Director, Global Cities Initiative as well as planning support for supporting regional joint trade missions through October 31, 2016. Funding will be provided using identified funds from the FY 2016 and FY 2017 budgets.

**I HEREBY CERTIFY THAT the foregoing resolution was adopted by the COG Board of
Directors Executive Committee on December 21, 2015.**

Monica Beyrouti
Clerk to the Board of Directors

AGENDA ITEM #8

FY 2015 AUDIT AND SOLICIATION OF PROPOSALS FOR FY 2016 AUDIT

([Full Financial Statements and Audit Report available as separate link.](#))

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 NORTH Capitol Street, N.E.
Washington, D.C. 20002-4239**

**RESOLUTION ACCEPTING THE FY-2015 AUDIT, AND AUTHORIZING SOLICITATION OF PROPOSALS
FROM INDEPENDENT AUDIT FIRMS TO PERFORM THE FY-2016 AUDIT**

WHEREAS, in accordance with COG's procedures and in compliance with requirements established by the Federal Government for recipients of grants and other financial assistance programs, COG engages an independent certified public accounting firm to conduct an annual fiscal year-end audit; and

WHEREAS, on April 8, 2015, the Board of Directors approved Resolution R20-2015, requiring the Audit Committee to solicit informal quotes or formal proposals from at least three (3) qualified audit firms at least every five (5) years to assess competitive pricing of audit services,

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE
METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS THAT:**

1. The Board hereby accepts the FY-2015 Audit prepared by SB & Company, LLC, as presented by the Audit Committee.
2. The Executive Director, or his designee, at the direction of the Audit Committee, is hereby authorized to solicit formal proposals from at least three (3) independent certified public accounting firms to conduct the annual fiscal year-end audit for FY-2016.

AGENDA ITEM #9

FY 2017 WORK PLAN & BUDGET

[\(Full Work Plan & Budget available as separate link.\)](#)



PROPOSED WORK PROGRAM AND BUDGET

Fiscal Year 2017

Chuck Bean, COG Executive Director
Leta Simons, COG Chief Financial Officer

Presentation to the COG Board of Directors
January 13, 2016



Supporting Core Programs

- The FY 2017 Work Program and Budget supports high quality work in core programs in transportation, the environment, community planning & health and emergency preparedness.
- This work supports Region Forward as well as advocacy, membership services and leveraging the expertise of COG's members and stakeholders.



Accomplishments & Goals

- 2015 State of the Region Infrastructure Report
- Metrorail Communications Study
- Economic Competitiveness Initiative
- Expanded member benefits through Purchasing & Contracts.
- Air Quality, Climate & Energy Progress
- Greenhouse Gas Multi-Sector Working Group



Twice the Value of Member Dues

- Our goal in FY2017 is to ensure that every COG member receives twice the value of its membership contribution from the regional cooperative purchasing program.
- The new budget also reflects the integration of all our work programs – including energy, infrastructure, housing, job development and land use.

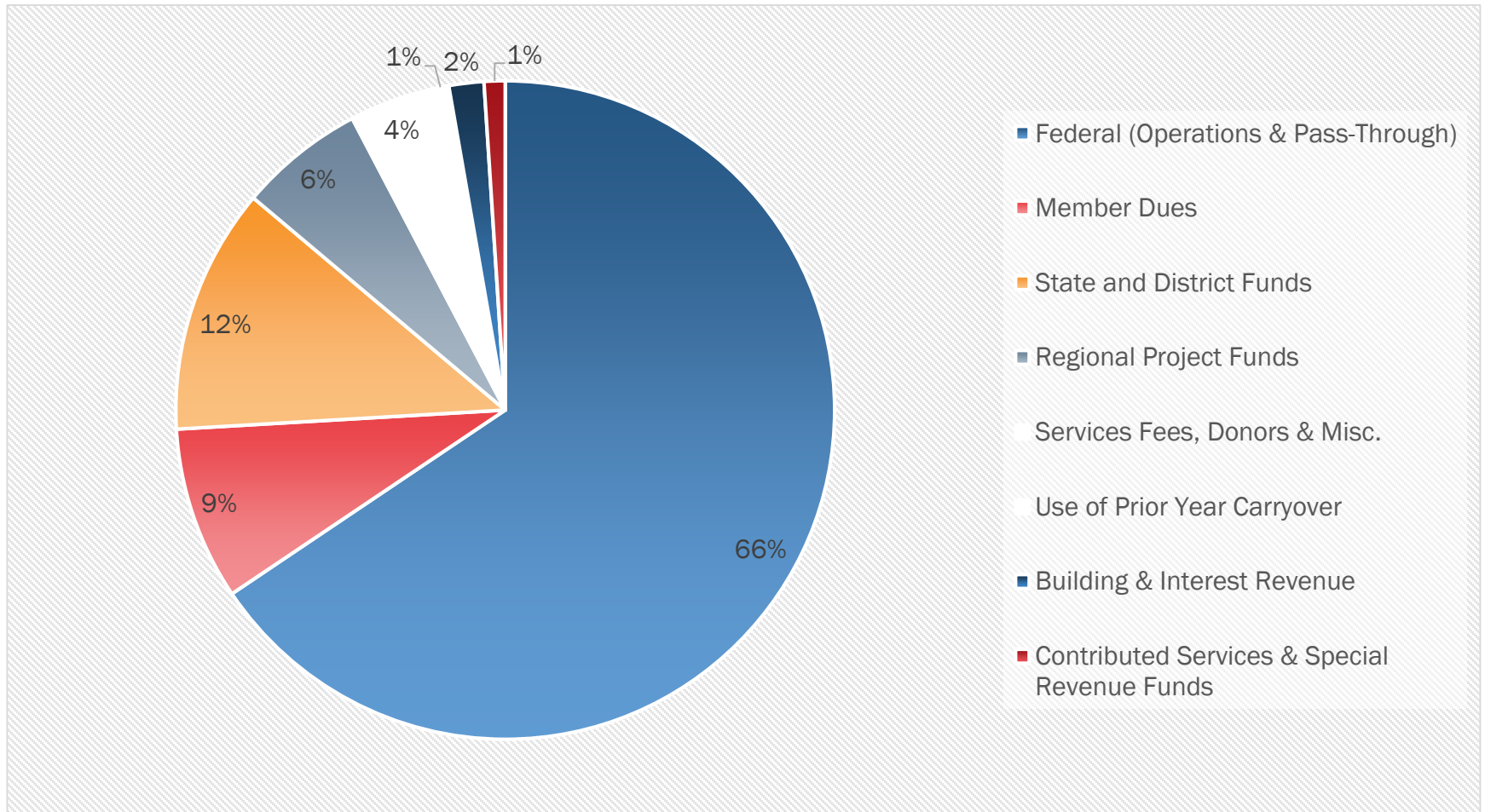


2017 Budget of \$46.0 Million

- Operating funds - \$31.2 million
- Pass-through funds - \$13.9 million
- Other funds - \$.5 million



FY 2017 Revenue Sources



FY 2017 Membership Dues

- COG Membership Dues based on population estimates provided by jurisdictions and a per capita rate
- Proposed FY17 per capita rate is 72.5 cents
 - Increase of 1.5 cent over FY16 and FY15 rate
 - Retains 5% cap
- Total FY17 Member Dues increase of \$143,300 (3.8%) compared to FY16



Reserves and Investments

As of June 30, 2015

- General and Endowment Reserves are fully funded at \$11.3 million
- Undesignated and Unrestricted Net Assets total \$1.8 million. A portion will be used to help balance the budget in FY2016 and FY2017.
- Cash net assets of \$9.4 million are invested in CD's, government securities, and money market funds



Budget Approval

- The Budget and Finance Committee voted in November to recommend the Proposed FY2017 Work Program and Budget to the COG Board of Directors.
- Resolution R4-2016 to approve the Proposed FY2017 Work Program and Budget is before the Board.



CHUCK BEAN

Executive Director
(202) 962-3260
cbean@mwcog.org

LETA SIMONS

Chief Financial Officer
(202) 962-3362
lsimons@mwcog.org

MWCOG.ORG

777 North Capitol Street NE, Suite 300
Washington, DC 20002

METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 NORTH CAPITOL STREET, NE
WASHINGTON, DC 20002-4239

RESOLUTION ADOPTING THE FY-2017 WORK PROGRAM AND BUDGET

WHEREAS, the Metropolitan Washington Council of Governments (COG) has adopted *Region Forward* as its strategic plan guiding the development of its fiscal year work program and budget; and

WHEREAS, the COG Board of Directors' policy boards and committees, with support from the COG management staff, have developed their proposed work programs and budgets based on *Region Forward* and anticipated revenue sources; and

WHEREAS, COG bylaws require the Executive Director to submit a proposed budget of the corporation to the Board of Directors for approval or modification; and

WHEREAS, COG bylaws require that assessment of the annual fee for all members and other participating governments and agencies be fixed no later than January 31 for the subsequent fiscal year beginning July 1; and

WHEREAS, pursuant to policies adopted in 1998 and 2004, COG created a General Reserve Fund and an Endowment Reserve Fund, which provide both funds for emergency use and the potential for future operational funds for the Board to rely upon; and

WHEREAS, the Budget and Finance Committee comprised of the COG Board executive committee, the chairs of the Transportation Planning Board and the Metropolitan Washington Air Quality Committee, and the COG Secretary Treasurer, reviewed and approved the proposed FY 2017 Work Program and Budget,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS THAT:

1. The Board approves the proposed FY-2017 Work Program and Budget.
2. Staff shall transmit the Work Program and Budget to member jurisdictions and ask that the proposed assessments be integrated into local government FY-2017 budgets.

AGENDA ITEM #10

BRIEFING FROM WMATA GENERAL MANAGER

General Manager and Chief Executive Officer Paul J. Wiedefeld



With more than 30 years of public and private sector transportation management experience, Paul J. Wiedefeld, was appointed General Manager and Chief Executive Officer by the Washington Metropolitan Area Transit Authority (Metro) Board of Directors effective November 30, 2015.

Prior to joining Metro, Mr. Wiedefeld twice served as the Executive Director and Chief Executive Officer of the Maryland Aviation Administration, managing Baltimore/ Washington International Thurgood Marshall Airport (BWI). Under Mr. Wiedefeld's leadership from 2009 to 2015, BWI grew to provide service to 22 million passengers annually, becoming the leading airport in the Washington D.C. region through route expansion and significant airport development.

During his tenure from 2002-2005, Mr. Wiedefeld managed the largest expansion in the Airport's history that included the design and construction of a 26-gate terminal for Southwest airlines, an 8,400-space parking garage and a modern consolidated rental car facility.

From 2007-2009, Mr. Wiedefeld served as Administrator of the Maryland Transit Administration (MTA), managing day-to-day operations of the nation's 13th largest transit system, including commuter rail, subway, light rail, buses and paratransit. During his tenure, the agency expanded the number of locomotives and railcars for the Maryland commuter rail system and negotiated contracts with labor unions.

Mr. Wiedefeld received a Bachelor of Science degree in Political Science from Towson University and a Master's degree in City and Regional Planning from Rutgers University.

AGENDA ITEM #11

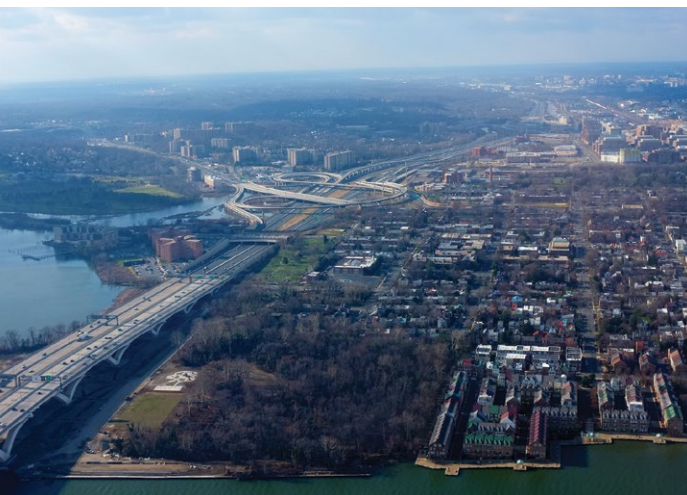
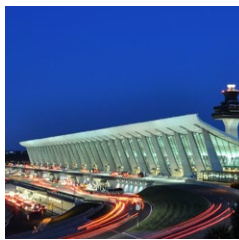
ECONOMIC COMPETITIVENESS REPORT



STATE OF THE REGION

Economic **DRAFT**
Competitiveness
Report

2016



ABOUT COG

The Metropolitan Washington Council of Governments (COG) is an independent, nonprofit association that brings area leaders together to address major regional issues in the District of Columbia, suburban Maryland and Northern Virginia. COG's membership is comprised of 300 elected officials from 22 local governments, the Maryland and Virginia state legislatures, and U.S. Congress.

PROJECT TEAM

Mariia Zimmerman, Principal, MZ Strategies, LLC
Principal Author

Sophie Mintier
Project Manager

Paul DesJardin
Project Manager

Chuck Bean
Monica Beyrouiti
Hilary Chapman
Stuart Freudberg
Greg Goodwin
Steve Kania
John Kent
Kanti Srikanth

SPECIAL THANKS

Alan Imhoff, Frederick Community College
Mayor Emmett Jordan, City of Greenbelt
Tom Fairchild, City Version 3, LLC
Lisa Rother, Urban Land Institute-Washington
Jacob Sesker, Senior Legislative Analyst, Montgomery County Council
Stewart Schwartz, Coalition for Smarter Growth
Gerrit Knaap, University of Maryland
Marvin Turner, HUD DC Field Office
Sheryl L. Bass, Councilmember, Manassas

Design: Lloyd Greenberg Design, LLC

ACCOMMODATIONS

Alternative formats of this document are available upon request; visit www.mwcog.org/accommodations or call (202) 962-3300 or (202) 962-3213 (TDD).

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1776 office: *1776*

STATE OF THE REGION

Economic Competitiveness Report

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MESSAGE FROM THE CHAIRMEN

At the Metropolitan Washington Council of Governments, there's a long history of area leaders working together across borders on a variety of shared challenges from transportation to the environment to homeland security. Over the years, people have come to understand the value of regional cooperation and coordination. No one jurisdiction is going to solve these issues on its own.

Now, we believe joint action is urgently needed on another challenge. Given the new reality of decreasing federal spending and increasing competition both nationally and internationally, we need to work together more closely to strengthen the region's economy.

To advance this effort, the Board of Directors made economic competitiveness the focus of 2015. We invited a diverse group of leaders and stakeholders to talk with us at our monthly meetings and annual retreat as well as the quarterly meetings of our Region Forward Coalition. Through these discussions, we gained a better understanding of our region's economic climate as well as our human and built infrastructure.

This report includes input from these discussions as well as research around key economic indicators. We see this report as a logical next step following our Region Forward vision and Economy Forward report with some new ideas for advancing regional cooperation such as joint trade missions, and we commend COG staff for their work in putting these findings and recommendations together.

We also believe this report complements other current initiatives like the industry cluster analysis in the Roadmap for the Washington Region's Economic Future and Benchmarking Greater Washington's Global Reach, a forerunner to the hoped-for Global Cities Initiative in the Washington region. The fact that other influential groups are converging on the same topic is a positive sign. It demonstrates the urgency of our challenge and reminds us that governments, businesses, nonprofits, and universities all have key roles to play.

We encourage our fellow leaders to look beyond contending for corporate headquarters and government agencies. There's so much more we can do jointly to ensure our region's future prosperity and quality of life. Together, we can better sell our region—and its goods and services—to the rest of the world. Together, we can leverage our valuable assets from federal labs to prestigious universities. And together, we can build and maintain communities and the infrastructure needed to support economic growth.



WILLIAM EUILLE
2015 COG Board Chairman
City of Alexandria



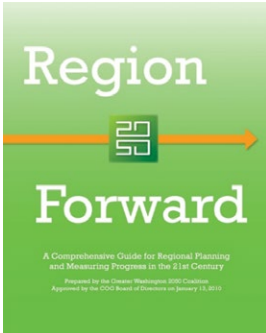
ROGER BERLINER
2016 COG Board Chairman
Montgomery County



EXECUTIVE SUMMARY

Region Forward, adopted in 2010, by the Metropolitan Washington Council of Governments (COG) Board of Directors, charted a new course for growth around shared regional goals and in recognition of the many differences among the diverse cities and counties that comprise our region. *State of the Region: Economic Competitiveness Report* builds upon the work of *Region Forward* and subsequent COG reports to benchmark regional performance. This *State of the Region* report examines the region’s economic competitiveness through an assessment of cross-cutting targets and indicators that address our shared **economic climate, built infrastructure, human infrastructure, and quality of life**. These indicators correspond closely with the four pillars outlined in *Region Forward* that focused on Prosperity, Accessibility, Sustainability, and Livability. *State of the Region* shows both considerable regional assets but also a number of sobering trends that threaten our economic competitiveness today and in the long-term.

Metropolitan Washington is a dynamic region with one of the strongest economies in the nation, attracting talent and investment from around the globe. Much of our regional economic growth over the past three decades has been fueled by the federal government—first as employer and then as contractor—but this once strong relationship has diminished. Since 2010, federal employment has fallen almost 6 percent and procurement outlays are down 13.6 percent in the region. Due to sequestration, the forced budget cuts that began to take effect in 2013, the federal portion of the local economy is forecast to drop from its high of nearly 40 percent in 2010 to less than 30 percent in 2020. Beyond the federal footprint, COG has identified a number of areas where regional economic competitiveness is threatened.



Region Forward established a shared vision and goals for future regional growth. It was adopted by COG and its 21 member jurisdictions in 2010.

Economic Climate

TARGET OR INDICATOR	MEASURED PERFORMANCE
Annual rate of growth in median wages will exceed the rate of inflation.	Since 2011, growth in inflation has outpaced regional median wages.
Sustain an annual 1 to 3 percent increase in the number of new jobs.	In 2014, the annual job growth rate was 0.5 percent.
Sustain an annual 2 to 4 percent growth rate in Gross Regional Product.	In 2014, metropolitan Washington’s GRP growth rate was 2 percent.

Disparities in economic opportunity exist between and within jurisdictions and between different income and skill levels. Increased economic disparities threaten our competitiveness. Housing affordability and traffic congestion impose costs to workers across the entire region. Focusing development in Regional Activity Centers and prioritizing transportation connections between these centers is one strategy regional leaders are using to address these threats and support existing job centers.

Built Infrastructure

TARGET OR INDICATOR	MEASURED PERFORMANCE
Beginning in 2012, capture 75 percent of the square footage of new commercial construction and 50 percent of new households in Activity Centers.	In 2014, 73 percent of new commercial construction occurred in Activity Centers. Approximately 35 percent of household growth between 2010 and 2015 occurred within Activity Centers
By 2020, combined housing and transportation (H+T) costs in Activity Centers will not exceed 45 percent of area median income (AMI).	In 2013, the average combined H+T costs in Activity Centers were 36.9 percent of AMI, compared to 42.1 percent for the region as a whole. For households earning 80 percent of AMI, average H+T costs were 45.6 percent of income in Activity Centers, and 52 percent for the region as a whole.
Percentage of the region's restricted affordable rental housing units located in Activity Centers.	Currently, 48.6 percent of restricted affordable rental units are located within Activity Centers and 65.7 percent are within a half-mile.
Percentage of the region's housing stock affordable to households earning less than 80 percent of AMI, less than 50 percent of AMI, and less than 30 percent of AMI.	Approximately 44 percent of all housing units were affordable to those at or below 80 percent of AMI in 2011, including 19 percent affordable at 30-50 percent of AMI, and 8 percent affordable at less than 30 percent of AMI.

Yet our region also benefits from many strong assets, including a highly-educated workforce, vibrant neighborhoods, and rich cultural, natural, and recreational amenities that attract employers and talent. Numerous educational assets are located across metropolitan Washington, including dozens of world-renowned universities, colleges, and technical schools, providing a diversity of educational opportunities. The region is home to some of the most talented, skilled, and well-educated workers in the nation. Harnessing this talent, and increasing coordination among employers, entrepreneurs, local government, and academic partners is critical to meeting the changing needs of industry and preparing workers to thrive.

Human Infrastructure

TARGET OR INDICATOR	MEASURED PERFORMANCE
By 2020, the percent of population over 25 with a Bachelor's degree is 45 percent or higher, and the percent with a professional or advanced degree is 20 percent or higher.	In 2014, 49 percent of the region's population over 25 had a Bachelor's degree or higher, and 23 percent had a professional or advanced degree.
By 2020, increase the rate of students graduating from area high schools to 90 percent.	In 2014, 87 percent of students enrolled in area high schools graduated.

Quality of Life

TARGET OR INDICATOR	MEASURED PERFORMANCE
Percentage of residents living in high-poverty Census tracts (where more than 40 percent of the population is at or below 200 percent of the Federal Poverty Level).	Regionwide, 10.3 percent of the population lives in high-poverty Census tracts. However, this varies considerably by race: 4 percent for white residents compared to 21 percent for African American and 20 percent for Latino residents.
Percentage of renters and homeowners who are housing cost-burdened (paying more than 30 percent of annual income for housing).	Over 48 percent of households in the region pay more than 30 percent of annual income for housing, of which 39 percent are severely cost-burdened (paying more than 50 percent of income for housing).

A Regional Action Agenda to Enhance Economic Competitiveness

What will the next decade bring for metropolitan Washington? Will the region continue to see slow economic growth or increased economic disparities between different demographic groups or jurisdictions? Or, will regional leaders—civic, business, and elected officials—come together to chart a new course that builds upon the region’s numerous assets?

COG is already working with partners to address the challenges our region faces to enhance regional economic competitiveness. Turning the tide on some of the most troubling economic indicators will require **cross-sector** and **cross-jurisdiction collaboration** and a commitment to working together to expand and create new global markets. There are several actions COG will take in 2016, many in partnership with allies from the Greater Washington Board of Trade, the 2030 Group, the Urban Land Institute’s Washington District Council, the Brookings Institution, and other private sector leaders, as well as federal agencies such as the Government Services Administration (GSA), local economic development directors, and research partners at several of the region’s universities.

COG will work with others to **re-brand** the region to better emphasize its considerable strengths and offer an alternative to its national and international reputation as a government town. COG will also work with local jurisdictions and workforce boards to align **workforce development** with economic priorities of **key industry sectors**, including advanced industries in high-technology fields such as cyber security, financial services, bio-tech, and health services.

To support these goals, in the coming year COG leaders will:

1. Launch a coordinated regional export promotions strategy.
2. Convene top economic development directors from the district, maryland, and virginia to explore joint trade missions and other collaborative opportunities.
3. Support workforce development programs aligned with regional infrastructure investment.
4. Facilitate partnerships with the GSA and the federal laboratory consortium for technology transfer for regional economic gain.
5. Learn from regional performance and assess peer metropolitan regions.



OVERVIEW

OVERVIEW

The Challenge

Metropolitan Washington boasts one of the premiere global economies. Ours is the sixth largest metropolitan economy in the United States and globally we rank seventh for business, financial, professional, and local services.¹ The region has among the highest educational attainment levels in the nation and is a top destination for highly educated Millennials. For decades, metropolitan Washington's economy has benefitted from the federal government presence as a major regional employer, land owner, tenant, and contractor. Direct federal employment and spending account for 38 percent of the \$400 billion regional output.²

The influence of the federal government has begun to shift, however. Starting in 2008 with the Great Recession, and then in 2013 when federal sequestration took effect requiring mandatory spending cuts, the region's economy has undergone profound change. Since 2010, federal employment has fallen 5.6 percent and procurement outlays are down 16.1 percent. At the same time, the private sector is adding new jobs and today roughly three-quarters of regional jobs are non-federal.³ Professional and business services, construction, education, healthcare, and hospitality are among the region's key non-federal industries and account for the largest growth in jobs.

The region's economic standing has fallen nationally and internationally. Between 2008 and 2014, regional economic growth slowed and remains well below the national average. According to research conducted for the Global Cities Initiative, a project by Brookings and JP Morgan Chase to help regions compete in the global marketplace, Metropolitan Washington ranked 93rd among the top 100 largest U.S. metro areas and 249th among the 300 largest global metro areas in terms of its annual GRP growth between 2010 and 2014. Local tax revenues are down, vacant office and commercial space is up, and job growth has stagnated.

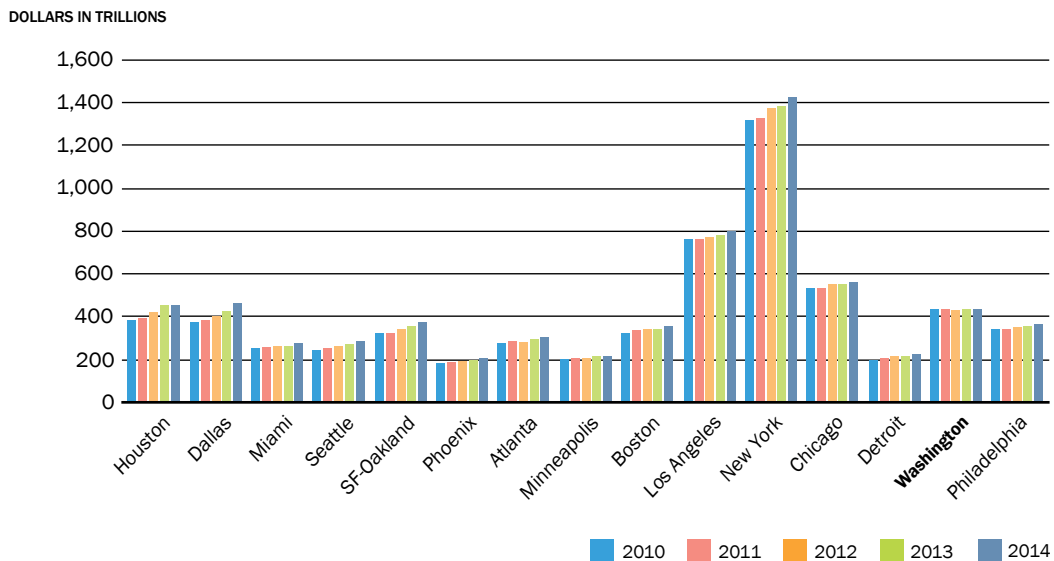
Metropolitan Washington boasted the sixth strongest gross regional product (GRP) in the country for 2014, but the annual GRP growth rate has not risen more than 2 percent since 2010. In 2014, the growth rate fell to 0.3 percent, putting the region in 261st place nationally. Job growth is similarly stagnated. Metropolitan Washington has one of the lowest rates of job growth among its peers with just a 0.6 percent increase in jobs between 2013 and 2014.

“When we act together as a region, there is probably not another [region] on the globe that can compete with us. With the assets that we have here in metropolitan Washington, we are about as powerful as any region could be.”

**—Virginia Governor
Terry McAuliffe**

Figure 1

Gross Regional Product in the 15 Largest Employment Metropolitan Areas, 2009 - 2014



This new and startling reality has caught the attention of regional elected, business, and community leaders who came together during the past year to address the economic challenges facing local jurisdictions, business owners, and workers across the region. During 2015, the Metropolitan Washington Council of Governments' Board of Directors and the Region Forward Coalition focused their work on the theme of economic competitiveness. COG

Figure 2

Job Change in the 15 Largest Metropolitan Area: Nov 2013 - Nov 2014

Figure 2. Job growth in metropolitan Washington has been significantly lower than that of many peer regions in recent years.

Source: GMU Center for Regional Analysis, January 2015

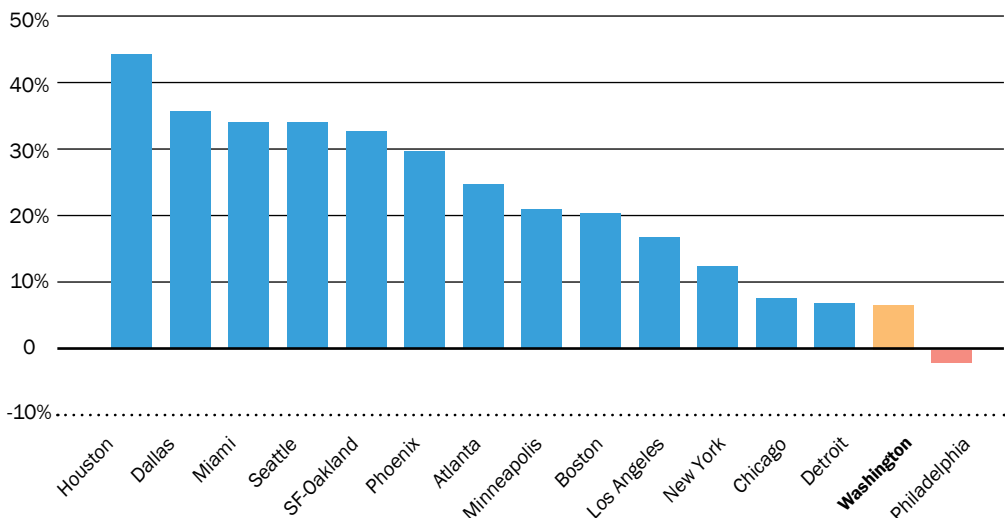


Figure 3

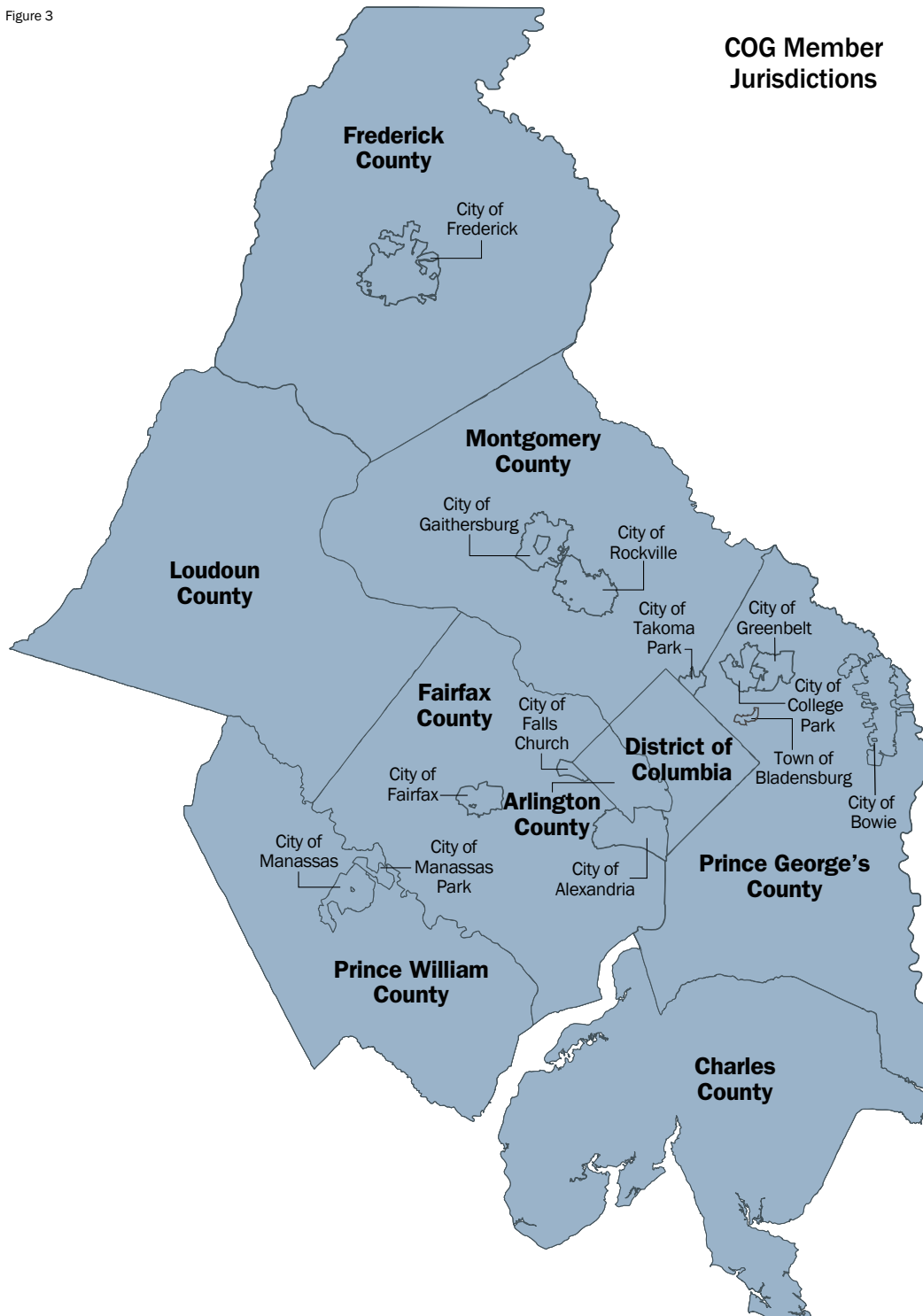


Figure 3. COG represents 22 local governments in the multi-state metropolitan Washington region.

convened state, regional, and local elected officials and economic development directors together with the **Greater Washington Board of Trade**, academics, and think tanks working to study and shape the region's evolving economic profile.

The Opportunity

Metropolitan Washington is home to 5.3 million residents and 3.2 million jobs, spread across 22 member jurisdictions in Maryland, Virginia, and the District of Columbia. Each local jurisdiction and state devotes considerable resources to advancing their own economic development initiatives.

Yet, no one jurisdiction alone influences the regional economy, while all are influenced by it. Each day we see this in the flow of commuters and the exchange of capital, both of which present challenges and opportunities to local governments. Metropolitan Washington suffers from some of the nation's worst traffic congestion with workers enduring long commutes, yet the regional job market pulls talent from across the globe and the extensive transit system allows workers to access a wider range of job opportunities throughout the region.



WASHINGTON 2024
FOSTERING GREATER UNITY

The Olympic bid experience highlighted the need to improve the region's brand.

Nationally and internationally, our local jurisdictions are often defined by Washington's "Government" brand which is not typically seen as a positive outside of our region. "Washington" has become shorthand for incompetence, gridlock, and dysfunction. This negative image obscures the region's diverse economic advantages, many of which are not directly related to federal expenditures. The region's image problem was cited as the key reason it lost the bid to host the 2024 Summer Olympics, and it underscores the necessity of public and private sector leaders working together to improve our brand in the global marketplace.⁴

Defining Economic Competitiveness

Regional leaders realize that growing, retaining, and creating new industries and jobs is critical to the region's future economic competitiveness. This involves more than just a focus on traditional economic development and attracting an employer to a single jurisdiction. Improved cooperation is necessary to re-brand, market, and prepare the region to compete on the national and global stages. And while the pain of sequestration is most acute in our region, we are not alone in our intense focus on regional competitiveness given shifting economies. We've seen other regions such as Detroit and Seattle, to name just two, pivot from dominant single industries to embrace regional economic diversity with a goal of creating more resilient economies.

Economic globalization means that competition is happening at a larger scale and capital investment is more fluid. Disruptive technologies such as cloud computing and greater broadband access increase the attractiveness and affordability of a greater number of regions to compete for jobs and talent. National demographic changes are having major economic impacts. The aging of the workforce, increased racial and ethnic diversity, and growing income inequality create new workforce development challenges but also are fueling a wave of local entrepreneurship and innovation.

From Phoenix to Seattle and Houston to Chicago, our competitor regions across the country are aggressively pursuing regional strategies, partnerships, and performance measures to foster their own economic competitiveness. This creates a double imperative for leaders in the metropolitan Washington region to act lest we fall further behind.

While collaboration in a region as complex as metropolitan Washington is never easy, we do have a foundation on which to build. Approved in 2010, *Region Forward* established specific, measurable milestones based on available data to determine progress across a set of issues related to regional prosperity, sustainability, livability, and accessibility. Many of these themes focus on Activity Centers where jobs, housing, and economic activity are clustered. These targets are not intended to be stagnant, but rather a set of measures that can be refined and tracked to inform local and regional action.

Table 1

A Look at Regional Economic Competitiveness Strategies

Regional economic competitiveness work is being advanced in many other peer regions across the country by business leaders working with local governments and elected officials. Here is a quick snapshot of other metro areas working to enhance their competitiveness:

ATLANTA: Metro Atlanta is implementing a **regional competitiveness strategy** adopted in 2012. The Atlanta Regional Commission (ARC) is coordinating the region's multiple workforce boards with regional employers to inform investments in public education, apprenticeships and worker training in coordination with local governments.

DENVER: The region has a comprehensive economic development strategy developed and managed by the **Metro Denver Economic Development Corporation**. A diverse set of public agencies including regional and local jurisdictions, non-profits, philanthropic and business organizations are active partners with Metro Denver EDC working to cross-promote and brand the region globally and nationally.

HOUSTON: The metro **Houston Regional Economic Development Plan** connects social, economic, and environmental resiliency and prioritizes investments that advance all three, allowing the regional economy to withstand shocks and speed recovery.

KANSAS CITY: The Kansas City metro includes two states and 119 cities with a history of deep competition with one another. The Mid-America Regional Council (MARC) manages several regional economic development programs in coordination with states and local jurisdictions including tracking workforce trends and economic forecasting. Its **2014 economic development strategy** emphasizes diversifying the regional economy which has been dominated by government jobs.

SEATTLE: The Puget Sound Regional Council (PSRC) manages the regional economic development strategy in partnership with the private sector and the region's 82 cities and four counties. PSRC has developed a **robust set of performance measures** tied to key regional industry clusters which are monitored and prioritized when making public investments.



Four Pillars of Economic Competitiveness

The *Region Forward* targets and indicators, together with work by COG leaders laid out in the 2012 *Economy Forward* report, align with the “Four Pillars of Economic Competitiveness” that can be found in similar efforts being advanced by other regions around the country. These four pillars are:

1. **Economic Climate:** how well the region is performing and positioned to support innovation, job growth, entrepreneurialism and business expansion, and economic performance.
2. **Built Infrastructure:** how resilient and available regional transportation, stormwater, sewer, energy, and broadband systems are to support both industry and employees.
3. **Human Infrastructure:** how well workers are able to compete and thrive based on their education, skill level, and economic opportunity.
4. **Quality of Life:** how affordable and attractive the region is to current and future residents.

Each of the pillars contributes to economic competitiveness, whether building upon key industry sectors and economic performance; providing the infrastructure needed to support workers and employers; ensuring the availability and work-readiness of current and future workers; or investing in regional amenities that attract and retain workers across income levels. Competitive regions recognize the need to assess performance on these four pillars and promote actions to strengthen each through regional collaboration.

Organized according to these four pillars of economic competitiveness, this report details metropolitan Washington’s performance on a series of targets and indicators related to each pillar and informed by *Region Forward*.

During 2015, a variety of leaders addressed the theme of regional economic competitiveness at COG meetings and events.

Clockwise from top left: Montgomery County Executive Isiah Leggett; Maryland Lieutenant Governor Boyd Rutherford; Mayor Muriel Bowser, District of Columbia; Mayor Bill Euille, Alexandria; Prince George’s County Executive Rushern Baker; Virginia Congresswoman Barbara Comstock, *Credit: Official Congressional Photo*; Virginia Governor Terry McAuliffe; Chuck Bean, COG; Denise Turner Roth, GSA Administrator, *Credit: GSA*



ECONOMIC CLIMATE

ASSESSING METROPOLITAN WASHINGTON'S ECONOMIC CLIMATE

Regional Snapshot

Metropolitan Washington faces several challenges regarding its recent economic performance, but also has considerable assets including a skilled and educated workforce, strong connectivity to national and international markets, and an entrepreneurial climate. The region is home to fifteen Fortune 500 companies including Fannie Mae, Freddie Mac, and Capital One in the finance sector, several large aerospace and defense support companies like General Dynamics and Lockheed Martin, and hospitality giants such as Marriott International and Hilton Worldwide Holdings. Regional labor force participation is higher than the national average, at a rate of 77.7 percent of men and 65.5 percent of women, compared to the national rate of 69.7 percent and 57.2 percent for men and women, respectively. Almost half of the region's population over the age of 25 has a bachelor's degree or higher (versus about 30 percent nationally).⁵

However, the structure of the regional economy is changing. According to research by the Center for Regional Analysis at George Mason University, in 2010 federal wages and salaries and procurement comprised almost 40 percent of metropolitan Washington's economy, but is forecast to shrink to just under 30 percent by 2020.⁶

The federal government is an important asset providing access to national research laboratories, decision makers, and a significant number of job opportunities across industries, and at a range of skill levels. Since 2000, federal jobs have held steady at about 12 percent of all regional jobs.⁷

In contrast, federal procurement underwent rapid growth during much of this time and had been an important driver in the regional economy. Between 1980 and 2010, federal procurement spending in the Washington area increased from \$4.2 billion to \$82.4 billion. This represents an astounding 1,862 percent increase (an average of 7.75 percent compounded annually) and eclipsed the value of the federal payroll.⁸

This trend changed radically beginning in 2010. As other regional economies began to recover from the Great Recession, metropolitan Washington began to lose federal jobs during the recovery, which accelerated with federal Sequestration. George Mason University's Center for

Figure 4

Structure of the Greater Washington Economy

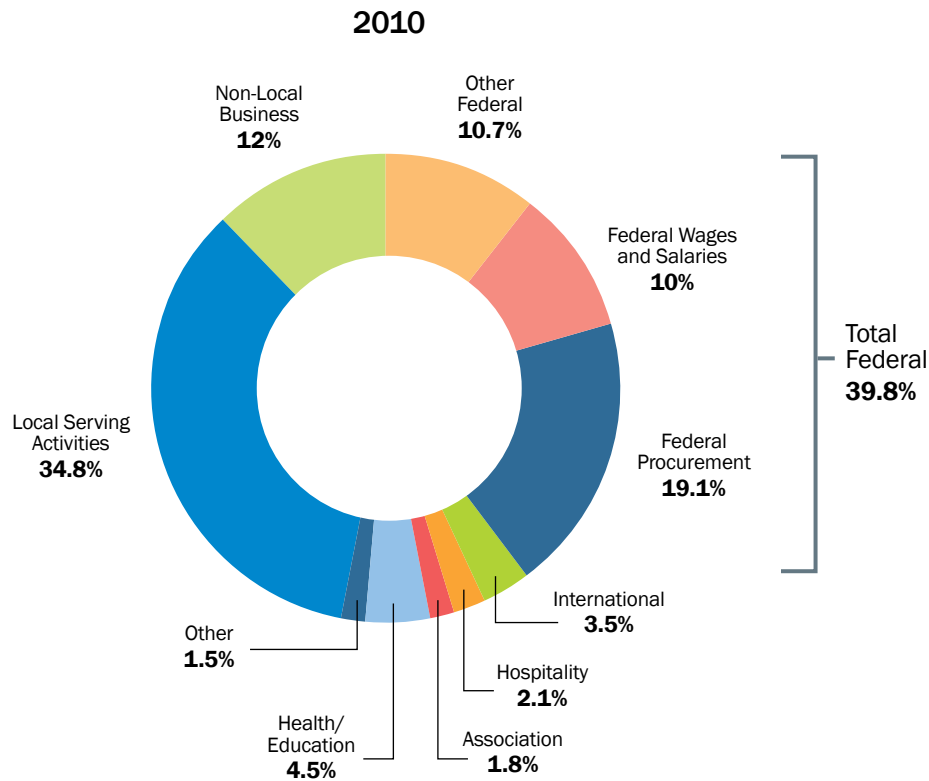
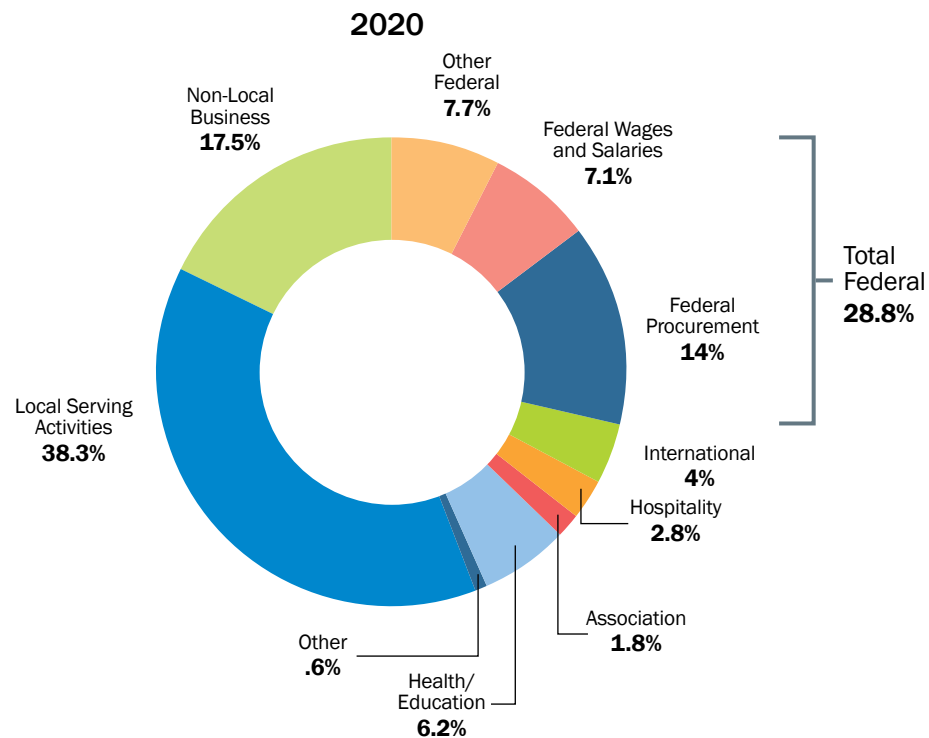


Figure 4. The influence of the federal government on the metropolitan Washington regional economy is forecast to decline by the end of the decade.

Source: GMU Center for Regional Analysis, September 2015



Regional Analysis estimates that 8,400 federal jobs were eliminated in the region and the loss of federal contracts further eliminated some 28,000 jobs in the first year of the Sequester.⁹ Federal procurement spending has declined by \$11.2 billion or 13.6 percent since the 2010 high water mark while the federal workforce declined by 22,300 workers.¹⁰ Continued declines of both are projected for at least the next five years.¹¹

Local leaders are changing how they approach economic development as a result. For instance, in 2014, Frederick County adopted a new form of government and elected their first County Executive. With this new leadership came new efforts to improve economic development within the County. To create a more competitive environment to attract new businesses and jobs, the County created three new programs. In 2015 a Business and Industry Cabinet (BIC) was established to bring together a team of business and industry leaders to serve as the eyes and ears of the business community and provide input to the County Executive and Office of Economic Development. The Cabinet is comprised of business leaders from a wide variety of industries, including biotech, retail, manufacturing, agriculture, information technology, healthcare, construction, finance, and international business. The BIC is currently working with the County to develop a new brand for economic development within Frederick.

Figure 5

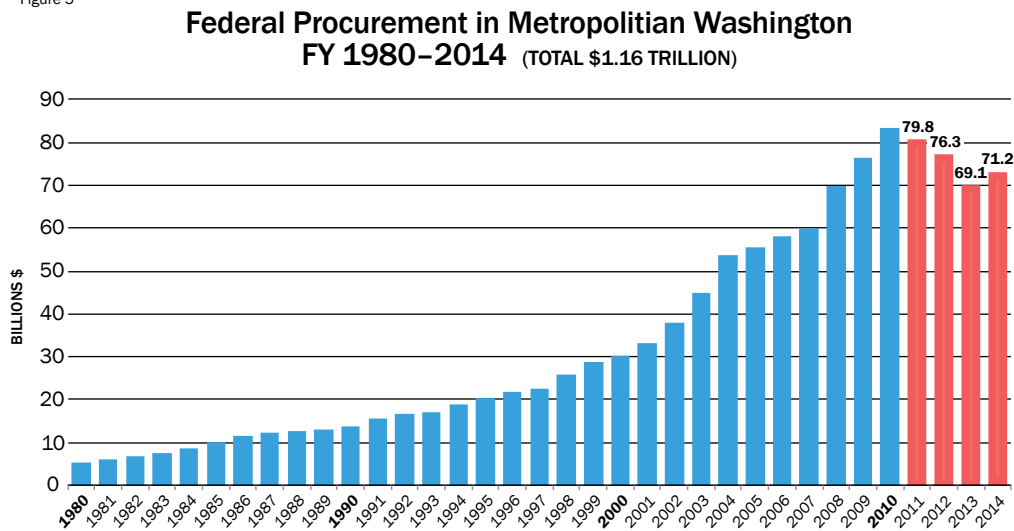


Figure 5. Federal procurement spending grew dramatically beginning in the late 1990s, but has declined noticeably due to sequestration. Source: GMU Center for Regional Analysis, January 2015

Beyond the Federal Government, Core Industry Sectors

At the same time, other key industries are growing in significance. The figure below shows employment in the region’s Advanced Industries Clusters, which account for 27 percent of non-government jobs in metropolitan Washington. Those industries with highly skilled knowledge workers are driving job growth. In addition, average wages in each advanced industrial cluster are approximately 50 percent higher than the corresponding national average.¹² The biggest growth has been in the business and financial services and the biotech and health industries. Nearly a quarter (23 percent) of the region’s workforce is employed in professional or business service jobs, compared to 13.7 percent nationally.

“Future growth opportunities will be found in building out the region’s knowledge- and information-based platforms to extend their business-to-business transactions into national and global markets.”

—Dr. Stephen Fuller at the George Mason University Center for Regional Analysis

The region is also home to numerous nonprofit and advocacy organizations in which employment has grown 19 percent over the past decade.¹³ The advocacy sector leverages Washington’s position as a national and global power, irrespective of federal spending. Job growth is also happening in the information and communication industries (5.5 percent) and science and security industries (10.9 percent), two key industry clusters driving national and international economies in which the region has a competitive edge.¹⁴

Metropolitan Washington’s regional economy is built on the creation and dissemination of knowledge. According to the Global Cities Initiative, metropolitan Washington is one of the nation’s top ranking regions in its share of jobs in research and technology-intensive “advanced” industries.¹⁵

Advanced education and research are at the heart of this, with the region home to 23 colleges and universities, numerous technical colleges and specialty schools, and nationally-recognized research laboratories within universities and federal government. This gives the region a powerful economic competitiveness edge going forward, as these institutions support the development and application of new technologies global in reach and scale.

Table 2

Washington Metropolitan Advanced Industrial Clusters: 2014 Employment

CLUSTER	JOBS	% CHANGE 2013-2014	LOCATION QUOTIENT	METRO/US WAGE RATIO
Advocacy Services	115,731	19	3.5	1.7
Information and Communications Technology	204,489	5.5	2.7	1.4
Science and Security Technology	112,717	10.9	1.8	1.6
Biology and Health Technology	55,396	25.1	2.0	1.6
Business and Financial Services	204,952	43.8	1.0	1.6
Media and Information Services	35,745	-20.1	1.5	1.7
Leisure and Business Hospitality Services	85,919	-1.3	1.1	1.3
All Clusters	729,030	16.8	1.9	1.6

Source: George Mason University Center for Regional Analysis.

Table 3

Prince George's County Industry Clusters

INDUSTRY CLUSTER	TYPES OF INDUSTRIES
Aerospace, Defense and Related Engineering and Research and Development Services	Aircraft and aircraft engines and parts manufacturing; guided missile and related parts manufacturing; search and navigation; engineering services; and Research and Development (R&D)
Business Services	Involving three interrelated activities, including: <ul style="list-style-type: none"> Company-related administrative offices Management consulting services Marketing and advertising services Business support services such as back office administration services, facility support, security guards and janitorial
Computer and Communications Equipment and Components	Computer and related device manufacturing; communications and media equipment; and semi-conductors and electronic components
Construction	Commercial, industrial and residential contractors
Destination Retail	Home centers, clothing stores, book stores
Federal Government	Offices of various federal agencies
Finance and Insurance	Commercial banks, investment banking, insurance agencies
Healthcare and Life Sciences	Hospitals, outpatient facilities, nursing care, mental health facilities, kidney dialysis centers, biotech R&D, medical labs, drugs, and pharmaceuticals, medical devices, agricultural biosciences
Information and Communications Technology Services	Data processing/hosting, programming, systems design, computer facilities, internet and wireless and landline telecommunications services
Transportation, Distribution, and Logistics	Commercial transportation, wholesalers, warehousing, transportation support
Travel and Tourism	Hotel and lodgings, museums, amusement, travel agencies, etc.

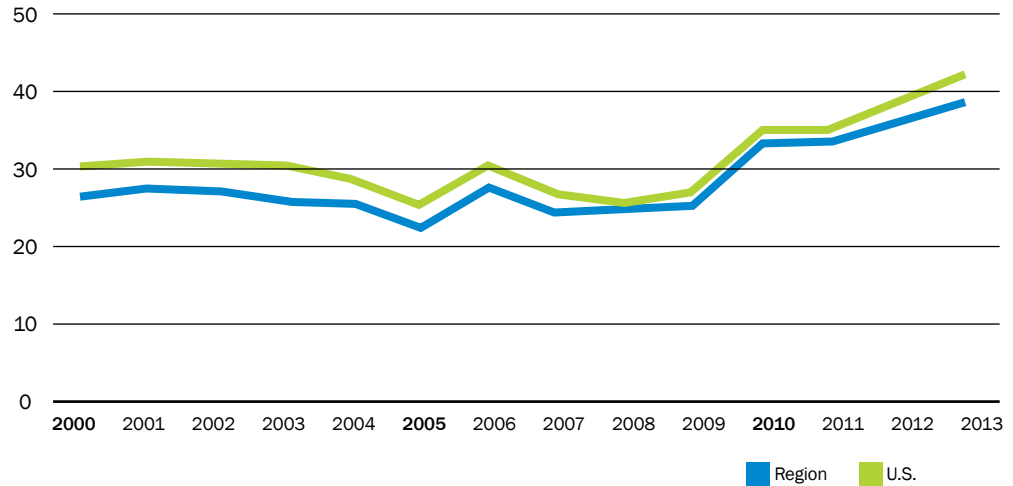
Source: Prince George's County 2013 Targeted Economic Development Strategy.

Within these industry clusters are such jobs as computer system analysts, information security analysts, and system managers that comprise a large percentage of the IT and Business Services cluster for the region. Scientists including both medical and physical systems as well as microbiologists and natural science managers represent occupations in the region's Bio-Health industry cluster. And while the region is known for having an abundance of lawyers, where it stands out from its peers is the concentration of public relations specialists, social scientists, and fundraising managers all of whom are part of the Advocacy cluster.¹⁶

These same industry clusters often play an important economic development role within individual jurisdictions, and variation between jurisdictions is evident in terms of where specific sectors are growing or shrinking. Some jurisdictions have seen declines in certain industry

Figure 6

Patents Awarded Per 100,000 Residents, Region and U.S.



clusters and growth in others. Arlington County, Manassas City, and Falls Church, for example, have experienced a loss of jobs in education and health services, while Fairfax, Loudoun, Montgomery, Prince George’s, and Prince William Counties all saw significant growth in these sectors. The region as a whole added 25,360 jobs in education and health services between 2011 and 2014.¹⁷

Metropolitan Washington is home to both large university research facilities and small business entrepreneurs that generate major investment in research and development. Their impact can be seen through the growing number of patents awarded. Montgomery County leads the region with 681 patents awarded in 2013, with Fairfax, Loudoun, and the District of Columbia also contributing significant numbers to the regional total of 2,081.¹⁸

Federal small business innovation and technology transfer funds have benefitted the region but are on the decline more recently. Since 2010, Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) investment in the region has fallen from almost \$3.4 million to \$2.3 million per 100,000 residents.¹⁹ Other forms of investment, both for early stage and second stage venture capital, are viewed as necessary to support increased activity by startups and to help grow regional businesses.

Venture capital investment is an important source of funding essential to growing the region’s economy through investments in those enterprises the market sees as positioned for high growth. According to a recent Global Cities Initiative report, “[venture capital] recipients are three to four times more patent-intensive than other firms, and are much more likely to translate their R&D activities into high-growth ventures.²⁰ While venture capital investment in metropolitan Washington is down from its high point in the late 1990s, several jurisdictions have seen renewed investment.²¹ In the District, for example, 32 deals were funded in 2014 at an average of \$7.5 million per deal and a total investment of \$242 million in venture capital.²² During the past five years, the region received nearly \$6 billion in venture capital.²³

Spurring Innovation from Government R&D

Metropolitan Washington is home to a world-renowned research cluster and the Federal Laboratory Consortium for Technology Transfer (FLC), a national network of federal laboratories devoted to strategies and opportunities that link laboratory technologies with the marketplace. The FLC develops and tests transfer methods, addresses barriers to the process, provides training, highlights grass-roots transfer efforts, and emphasizes national initiatives where technology transfer has a role. COG is working with FLC to further accelerate opportunities for innovation and business development that builds upon federally-supported research facilities. The region is third after New York and Boston in total employment in scientific research and development, yet more can be done to translate R&D into economic development.

Among the industries with potential for growth is cyber security. Metropolitan Washington has a strong cyber security developer community and average annual salaries in the industry are \$129,000. The industry has evolved with the changing federal role, first through direct jobs in IT and cyber security, then through growth in contracting and procurement, and now through establishment of new private firms around big data management and security. Ironically, one of the industry's biggest hurdles is a regional strength. Most workers in cyber security need government clearances, and this is where the region stands out among its peers. Metropolitan Washington had more than 23,000 job postings for cybersecurity positions in 2013. On a per capita basis, Virginia and Maryland ranked first and second in the country.

Figure 7

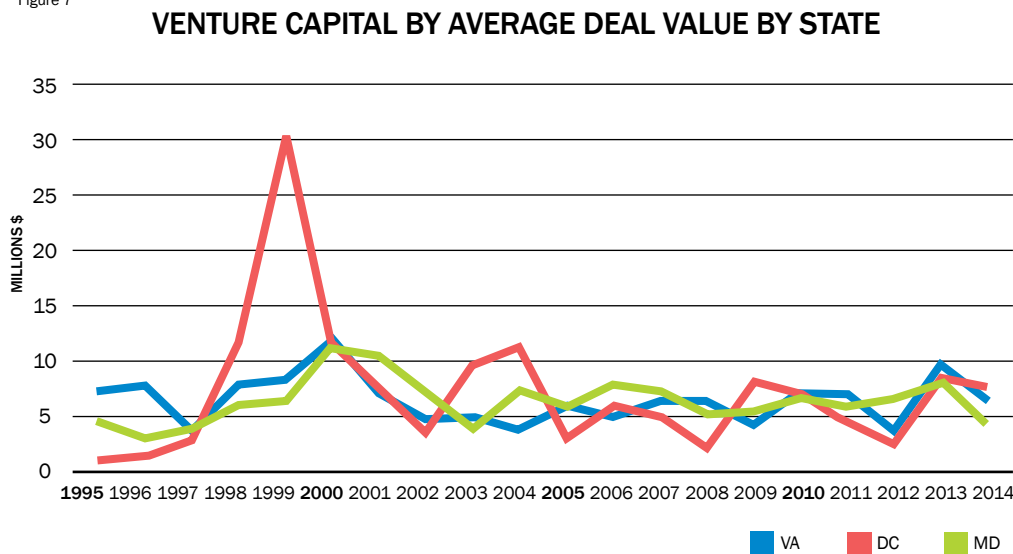


Figure 7. Venture capital investment has fluctuated significantly since the burst of the Tech Bubble in the late 1990s.

Source: MoneyTree Quarterly /PwC and National Venture Capital Association, 2015

Metropolitan Washington ranked third, behind San Francisco and Sacramento, on its rate of venture capital growth over the past five years. The region is also a leader in the share of venture capital invested in advanced industries. While this is a solid foundation, the share of venture capital invested in the region's advanced industries declined from 98 percent in 2005 to the current level of 93 percent.²⁴

Region Forward Prosperity Targets

COG's Region Forward established a set of targets to track regional prosperity, several of which are directly related to economic competitiveness. Performance measured against the following three Region Forward Prosperity Targets reinforces cause for concern and the need for stronger coordination to support economic growth across the region.

RF TARGET:

Annual rate of growth in median wages will exceed the rate of inflation.

MEASURED PERFORMANCE:

Since 2011, growth in inflation has outpaced regional median wage growth.

Since 2001, the regional median wage has increased 44 percent, from \$16.66 per hour to \$24.07 per hour. However, since 2011, annual wage growth has slowed and been outpaced by annual inflation change. In 2014, annual wage growth was 0.46 percent while inflation was 2.17 percent.²⁵ When inflation exceeds our rate of growth in wages, it directly impacts lifestyle choices and influences whether businesses and skilled labor remain or relocate from our region.

Figure 8

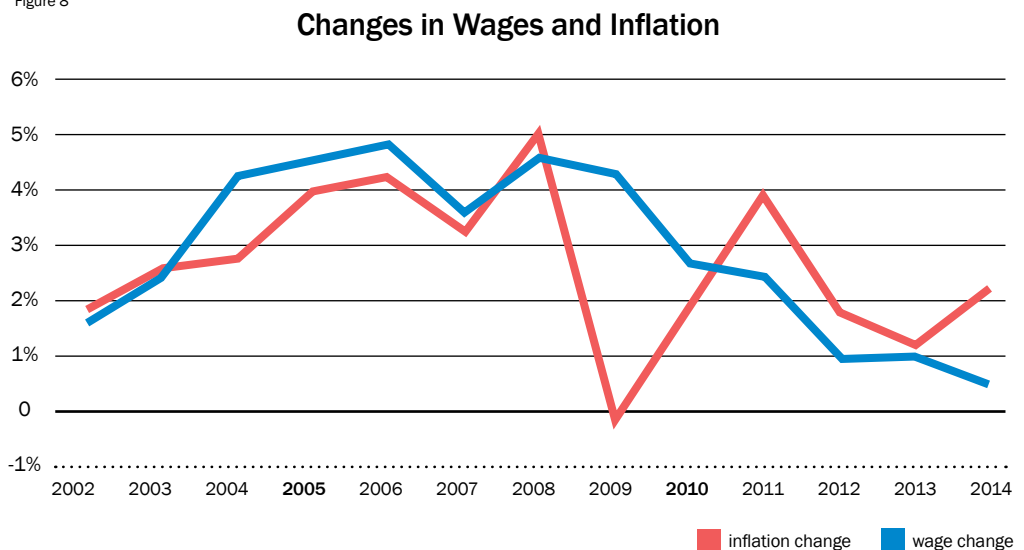
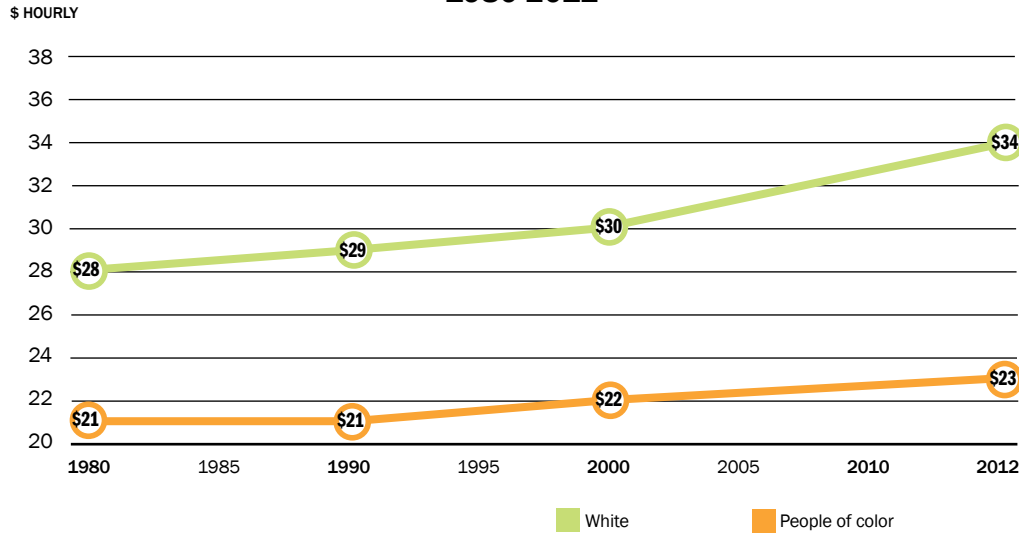


Figure 8. The rate of inflation exceeds the growth in wages.
Source: Bureau of Labor Statistics, 2001 - 2014

Across the region, the effects of the changing job market on household income are varied. The District of Columbia has the region's lowest median household income. In 2013 it was \$67,575, up almost \$3,000 from 2009. In contrast, Loudoun County has the region's highest median household income. In 2013 it was \$116,768, a drop of over \$7,000 since 2009.²⁶ Growth in wages and income is not felt evenly by workers at different income and skill levels. Since 1979, Washington area workers in the upper 90th percentile saw their earned income grow 25 percent, considerably higher than the national average of 15 percent for this same income group. Conversely, workers in the bottom 10th percentile saw their earned income decrease 7.2 percent during this same time, compared to 11.4 percent nationally.²⁷ There are also notable economic disparities among different races. In 2012, the median hourly wage for people of color working in metropolitan Washington was about a third less than that made by their white counterparts.²⁸

Figure 9

Regional Median Hourly Wage by Race/Ethnicity, 1980-2012



Source: PolicyLink/PERE National Equity Atlas

Since 2000, employment in the metropolitan Washington region has increased from 2.5 million to 2.8 million jobs, but the rate of growth has been declining for each of the past ten years. In 2014, the region's job growth rate was one of the lowest in the country at 0.5 percent.²⁹

Job growth varies across industry sectors and jurisdictions. Between 2013 and 2014, the region lost jobs in federal government, information technology, and manufacturing, but gained jobs in professional and business services, state and local government, leisure and hospitality, and construction.³⁰ Within the region, Fairfax County typically accounts for between one-third and one-half of the overall job growth every year.³¹

RF TARGET:

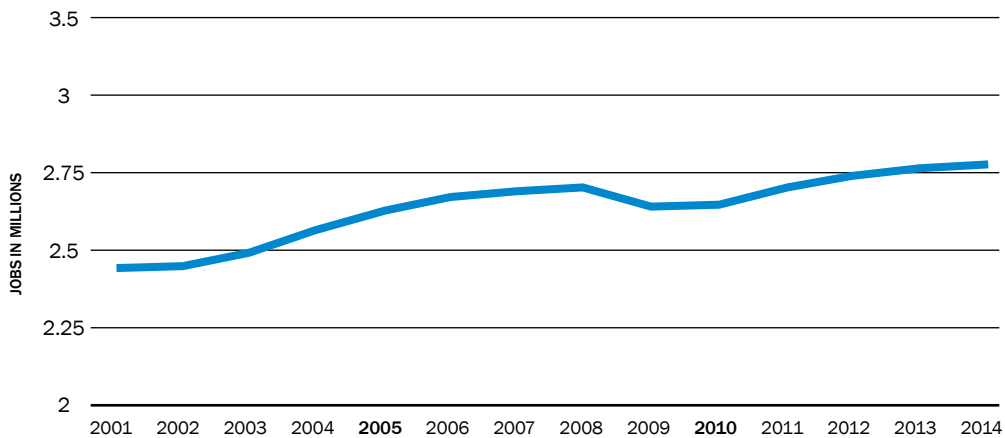
Sustain an annual 1 to 3 percent increase in the number of new jobs.

MEASURED PERFORMANCE:

The most recent annual job growth rate was under 1 percent.

Figure 10

Employment Growth in Metropolitan Washington 2001-2014



Source: BLS and COG

Figure 11

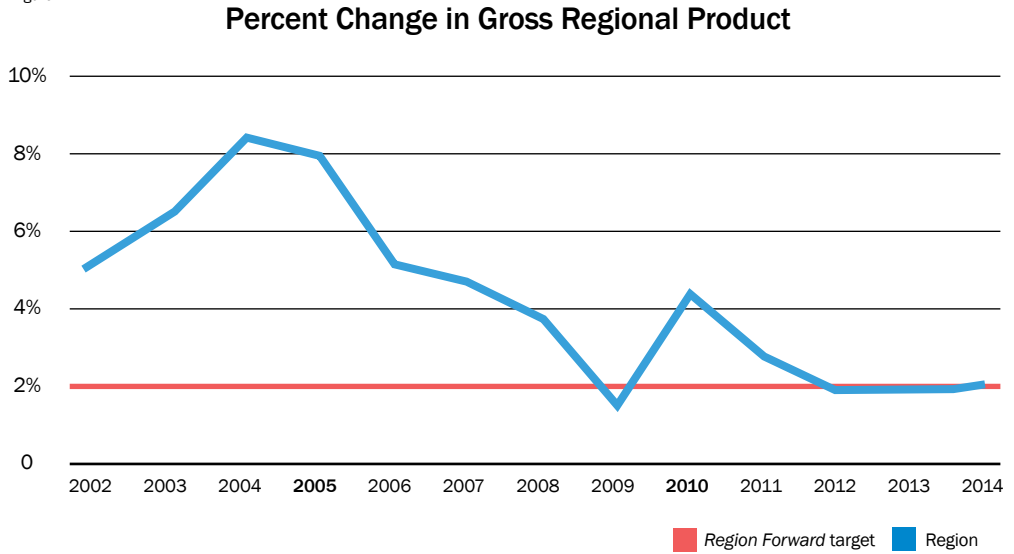


Figure 11. GRP growth rate has slowed significantly over the past 12 years.
Source: Bureau of Economic Analysis and COG

RF TARGET:
Sustain an annual 2 to 4 percent growth rate in GRP for the region.

MEASURED PERFORMANCE:
In 2014, metropolitan Washington's GRP growth rate was 2 percent.

Gross Regional Product (GRP) is the market value of all goods and services produced by a region, and it is often correlated with an area's standard of living. The majority of economic output in the U.S. is dominated by metropolitan regions.

In 2014, metropolitan Washington ranked 6th among all metropolitan areas with a GRP of \$471.5 billion. On a GRP per capita basis, the region ranks 7th.³² However, the growth rate has slowed significantly from a decade ago when the region boasted one of the fastest growing GRPs in the nation. Between 2001 and 2010, the region's average annual growth of GRP was 6.7 percent; between 2013 and 2014, it was 2 percent.³³

The sectors driving GRP growth are professional and business services with an average value added per job of \$157,969, and construction with an average value added per job of \$111,992.³⁴ Conversely, jobs in hospitality services are typically lower paying, with an average value added per job of \$51,110. These represent different skill levels and job types, each of which is important to workers across the income spectrum. A healthy regional economy requires a diversity of job types with opportunity for workers at different skill levels and a mix of industry sectors.

Regional Case Studies

1776 Incubator (Washington, DC and, Arlington County, VA)

Housed in a nondescript Washington office building, the 1776 Incubator is changing the face of industries that impact millions of people around the globe through its support of start-ups involved with education, energy, health, transportation, and local government.³⁵ These are challenging and complex industries that are heavily regulated and hard to enter for small, new businesses. 1776 was launched in 2011 as a place to foster and invest in new technologies and business models that build upon the new economy, open data, and more efficient and transparent government. The incubator's co-founders saw sequestration as an opportunity to tap into the region's deep technology, engineering and government expertise that had been locked up in government contracting work. Named for the year the United States declared



1776 Incubator
Credit: Business Incubator

its independence from Great Britain, 1776 the Incubator hopes “entrepreneurs in the region will claim their independence by entering the startup ecosystem.”³⁶

In addition to a physical space for entrepreneurs to build and grow their new ventures, 1776 provides mentoring support and connects startups to a larger peer network of innovators and investors through such efforts as the global Challenge Cup competition. Among the companies that got their start at 1776 is **RideScout**, a mobile app that pulls together information from a variety of transportation sources including taxis, ridesharing options, public transportation, and private vehicles so that users can more easily plan trips. **RideScout**, which was part of 1776's expanding shared use mobility portfolio, was acquired by Daimler.

“While some people bemoan the bureaucratic nature of Washington, the founders of 1776, a startup incubator, hope to leverage the city’s political machine to unleash an army of disruptive companies on the Greater Washington region and the world.”

—Biz Tech magazine



Prince William County officials and business leaders celebrate the opening of the Prince William Science Accelerator in Innovation Park
Credit: Business Wire

Accelerating Growth of Life Science Industries (Prince William County, VA)

Prince William County leverages its considerable science and technology assets, including the Marine Corps Warfighting Laboratory, and federal and state research institutions, to catalyze business development in the advanced life science industries. “Life sciences” refers to those disciplines that involve the scientific study of living organisms, often with emphasis on improving human health and the overall standard of living. The County is home to one of the fastest-growing biotechnology clusters in metropolitan Washington. The number of life sciences companies located in Prince William County has more than doubled since 2003. Similarly, the number of persons employed in the industry has grown significantly, increasing by approximately 30 percent since 2011. As of 2014, there were more than 340 life sciences firms in Prince William County, employing over 2,200 persons.³⁷

At the epicenter of this burgeoning growth is Innovation Park, which is anchored by the George Mason University Science and Technology Campus. The Park houses a number of public and private biotech and information technology companies including the Prince William Science Accelerator.

Launched in 2012 to provide a unique space for faster growth and commercialization of life sciences, the Science Accelerator offers the only public-private, commercially available wet lab space in Virginia providing start-ups an innovative, intellectual environment. The Accelerator supports small businesses in scaling up to market and connects entrepreneurs with industry networks, partnering, and internships. Life science start-ups benefit from the County’s already well-established and growing Life Sciences ecosystem, where opportunity exists to work with some of the foremost leading scientists, laboratory talent, and business resources. Close proximity to GMU, two world-class hospitals, and medical centers provides opportunities for research collaboration and access to medical resources, while the short distance from I-66 and I-95 provides quick access to key federal agencies.

Strategic Plan to Facilitate the Economic Success of Fairfax County (Fairfax County, VA)

In response to recent trends, including higher office vacancy rates, fewer federal jobs, and a need for flexibility to capitalize on developing business trends, the Fairfax County Board of Supervisors created an Economic Advisory Commission (EAC) and tasked it with the following:

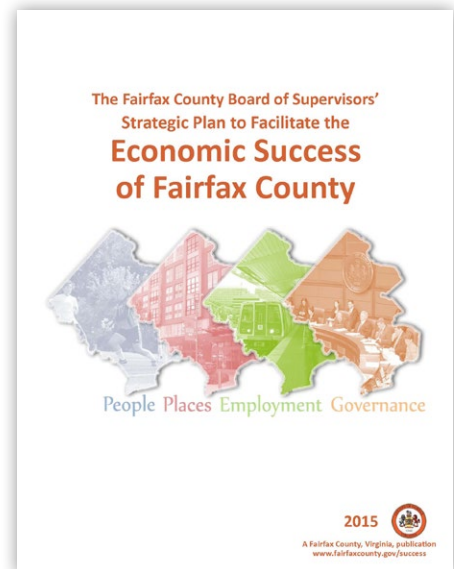
- Identifying hindrances and barriers to Fairfax's recovery,
- Identifying opportunities to improve, and
- Developing a vision of where Fairfax wants to go.

The EAC developed the *Strategic Plan to Facilitate the Economic Success of Fairfax County*, adopted by the Board of Supervisors in March 2015. The Plan envisions what economic success looks like for Fairfax County, and identifies a list of actions to take to achieve that success. The overarching vision states, in part, that “...Prosperity can only be achieved and sustained when a community's citizens, businesses, and government work in concert for everyone's benefit... Our vision is a community where businesses, residents, and employees of a variety of ages, abilities, and experiences want to live, work, play, learn, and thrive...”

The six goals of the Plan are:

1. Further Diversify Our Economy
2. Create Places Where People Want to Be
3. Improve the Speed, Consistency, and Predictability of the Development Review Process
4. Invest in Natural and Physical Infrastructure
5. Achieve Economic Success through Education and Social Equity
6. Increase Agility of County Government

While activities are ongoing in all six goal areas, of particular note is the work being done under Goal 3 to create a regulatory process that is collaborative and nurturing for industry and business customers, both big and small, while balancing the needs and values of the community. To that end, the Board approved a “Booster Shot” that raised fees to fund 28 new staff positions and an outside review of the review process. The development community agreed to the increase in fees as a way to improve the speed and reliability of the system. While this is an on-going effort, staff positions have been created and filled, while a third-party outside review of the County development process is underway. The County has committed to addressing identified issues as soon as possible,



Strategic Plan to facilitate the electronic success of Fairfax County was adopted in 2015.



BUILT INFRASTRUCTURE

ASSESSING METROPOLITAN WASHINGTON'S BUILT INFRASTRUCTURE

Regional Snapshot

Resilient infrastructure is key to sustaining an economic edge in today's global marketplace. Investment in infrastructure generates multiple economic benefits, including direct job creation. The resilience of regional infrastructure systems, including their maintenance and ability to recover from vulnerabilities or damage, is now seen as critical to support and sustain economic growth. Economically competitive regions have transportation systems that provide for the efficient movement of goods and provide a variety of mobility choices. These regions possess reliable information technology (IT) networks and energy systems that can meet the demands of a growing innovation economy.

“Transportation is the most important issue facing the region. Our ability or inability to address transportation needs will have a major impact on the region’s economic competitiveness. Elected officials need to better engage with communities on the economic benefits of regional cooperation on interconnected issues like transportation.”

—Montgomery County Executive
Isiah Leggett

Figure 12

Infrastructure Components of the Metropolitan Washington Region

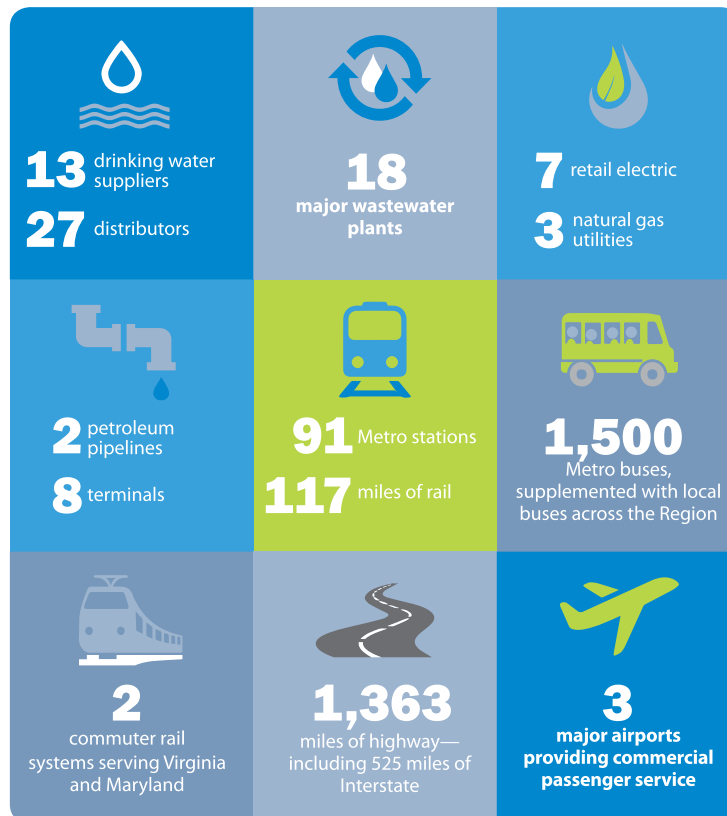


Figure 12. Infrastructure Systems Serving Metropolitan Washington
Source: COG 2015 State of the Region Infrastructure Report

Figure 13

Daily Travel - Mode Share by Regional Core, Inner Suburbs, and Outer Suburbs 2015-2040

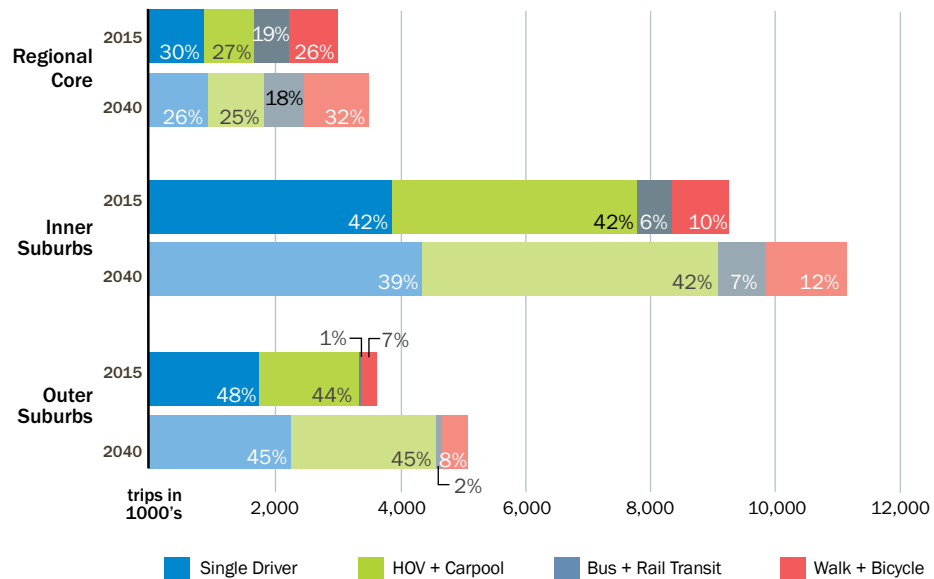


Figure 13. National Capital Region Transportation Planning Board 2015 Performance Analysis of the Comprehensive Long Range Plan
Source: COG

Housing choice also has a profound effect on the ability to access jobs and influences metropolitan Washington’s economic health. Across all of these infrastructure systems—transportation, IT, energy, and housing—affordability is a critical issue influencing regional competitiveness.

Metropolitan Washington benefits from an extensive network of roads, airports, transit, energy, communications, and water infrastructure investments. The region is unique in having three major airports connecting people, employers, and goods to global and national marketplaces. Connectivity between airports and roads and transit is essential to keeping our region competitive. At the same time, however, our infrastructure systems are aging and not keeping pace with economic growth needs.

In the *2015 State of the Region Infrastructure Report*, COG estimates a total infrastructure investment gap of at least \$58 billion over the next 15 years just to keep pace with a projected 33 percent increase in population.³⁸ On the transportation side, this includes projects identified by local, regional, and state agencies in the region’s Constrained Long Range Plan and the estimated \$1 billion needed annually to maintain and replace the Metro system’s assets on a regular life cycle basis. At least \$25 billion is needed to replace aging water pipes and valves, improve stormwater management, and upgrade electrical and natural gas transmission lines and continue to improve energy efficiency measures.

Metropolitan Washington continues to be a leader in clean energy technologies, achieving its best ranking yet in 2015 in the U.S. Clean Tech Leadership Index. The U.S. Clean Tech Leadership Index tracks and ranks clean tech categories including electric vehicles, renewables, and patent and investment activity for 50 states and the 50 largest metropolitan areas. The objective of the Index is “to serve as a tool for regional comparative research, a source for aggregated industry data, and a jumping-off point for deep, data-driven analysis of the U.S. clean-energy market.”³⁹ Metropolitan Washington’s overall Index ranking in 2015 jumped three places from last year to its best-ever finish in the Index, a score of 55.2, just behind San Diego. The region continues to rank first in the green buildings category by nearly 20 points over San Francisco. Metropolitan Washington places in the top 15 in three other categories, and is the highest-ranking metropolitan area in the eastern U.S.⁴⁰

The Jobs, Housing, and Transportation Nexus

Transportation influences the regional economy through lost productivity resulting from traffic congestion and increased household costs associated with owning and operating a car necessary to access many regional jobs.

Congestion is felt differently across the region, depending in large part on where there are mobility options. In the regional core, transit, walking, and bicycling comprise a higher percentage of trips than driving alone. In suburban communities, this pattern of travel is reversed.

Through *Region Forward* and subsequent long-range transportation plans, COG leaders are advancing policies that support the 141 regional Activity Centers where jobs and housing are concentrated.⁴¹ As noted in *Economy Forward*, strong Activity Centers are a key competitive advantage that attract and retain workers and businesses. Improving access to and circulation within these Centers by automobile, transit, walking, and biking can help improve mobility and productivity for those living and working nearby.

Mobility needs are changing in response to new technologies and workplace needs. This is evident in the decreasing use of office space, declining popularity of suburban office parks, increased telecommuting, growing numbers of workers holding multiple jobs, and greater inter-jurisdictional connectivity. Just as regions with robust, resilient, and affordable transportation systems are attractive to employers and workers, the location and availability of jobs and housing is an important factor to regional competitiveness. Both influence the cost of living and doing business, and are considerations for attracting and retaining workers and large employers.

“Activity Centers are existing urban centers, priority development areas, transit hubs, suburban town centers, and traditional towns. They are the locations that will accommodate much of the region’s future growth and development in the coming decades. Their success is critical to advancing the *Region Forward* vision.”

**—COG’s Place + Opportunity:
Strategies for Creating Great Communities
and a Stronger Region**

Region Forward Accessibility Targets and Indicators

COG's *Region Forward* established a set of targets and indicators to track regional accessibility progress, with an emphasis on strengthening and connecting regional Activity Centers as a key strategy. The following targets and indicators support regional economic competitiveness by evaluating the accessibility of low income workers and their families to affordable housing and transportation. Both are critical factors influencing the ability of those most vulnerable to economic downturns to participate in regional economic opportunity.

RF TARGET:

Beginning in 2012, capture 75 percent of the square footage of new commercial construction and 50 percent of new households in Activity Centers.

MEASURED PERFORMANCE:

In 2014, 73 percent of new commercial construction occurred within Activity Centers. Between 2010 and 2015, approximately 35 percent of the region's household growth was in Activity Centers.

Businesses are increasingly basing location decisions in part on housing affordability, proximity to amenities, and transportation choices. Currently, 38 percent of the region's 2 million households and two-thirds of its jobs are located within one of the 141 regional Activity Centers.⁴² As a result, job accessibility is greater within and between Activity Centers. On average, the number of jobs accessible within a 45 minute transit commute⁴³ is 57 percent higher in Activity Centers than the regional average.⁴⁴

The region is close to meeting its target for new commercial construction but is further from its target for new households. Approximately 73 percent of commercial construction in 2014 occurred in Activity Centers. Only 35 percent of new housing between 2010 and 2015 was located in Activity Centers.⁴⁵ However, the region anticipates capturing a larger share of new households in Activity Centers in the coming years, meeting the target of 50 percent of new households in Activity Centers by 2030.⁴⁶

Figure 14

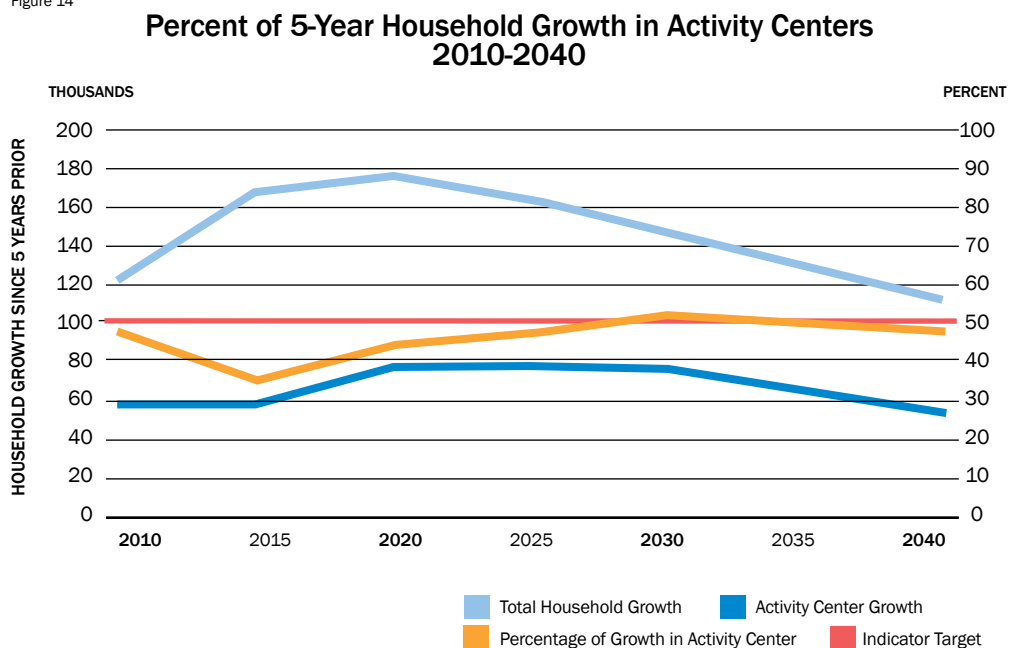


Figure 14. The region has not yet met its target of capturing 50 percent of household growth in Activity Centers, but is projected to capture a greater proportion of new households in the coming decades.

Source: Round 8.4 Cooperative Forecast 2005 Household Figures are from the Round 8.0a Forecast.

Regional cost of living is largely influenced by the two largest household expenditures: housing and transportation. On average, American households spend 19 percent of their annual income on transportation.⁴⁷ The Center for Neighborhood Technology, creator of the national Housing and Transportation Affordability Index, considers a household cost burdened if more than 45 percent of income is spent on these two needs. On average, combined housing and transportation costs (H+T) comprise 42 percent of household income in the metropolitan Washington region.

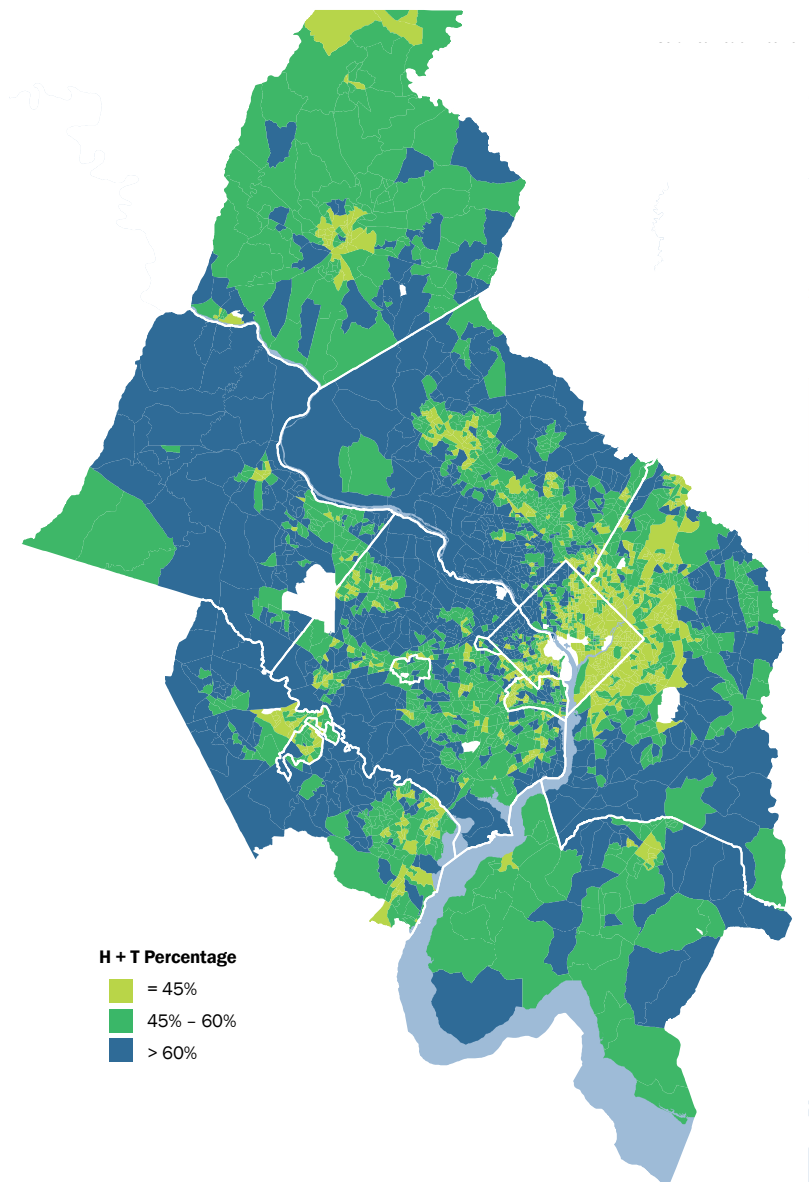
The influence of *Region Forward* goals and strategies are reflected in this percentage. Access to transit, bicycling, and walking options helps to reduce transportation costs, while supporting growth in Activity Centers helps to ensure that more housing, jobs, and services are accessible. The reduced transportation costs can offset higher housing costs. For households in Activity Centers earning the area median income of \$90,540, this average combined cost is only 37

RF TARGET:
By 2020, combined housing and transportation costs in Activity Centers will not exceed 45 percent of area median income (AMI).

MEASURED PERFORMANCE:
In 2013, the average combined H+T costs in Activity Centers were 36.9 percent of AMI, compared to 42.1 percent for the region as a whole. For households earning 80 percent of AMI, average H+T costs were 45.6 percent of income in Activity Centers, and 52 percent for the region as a whole.

Figure 15

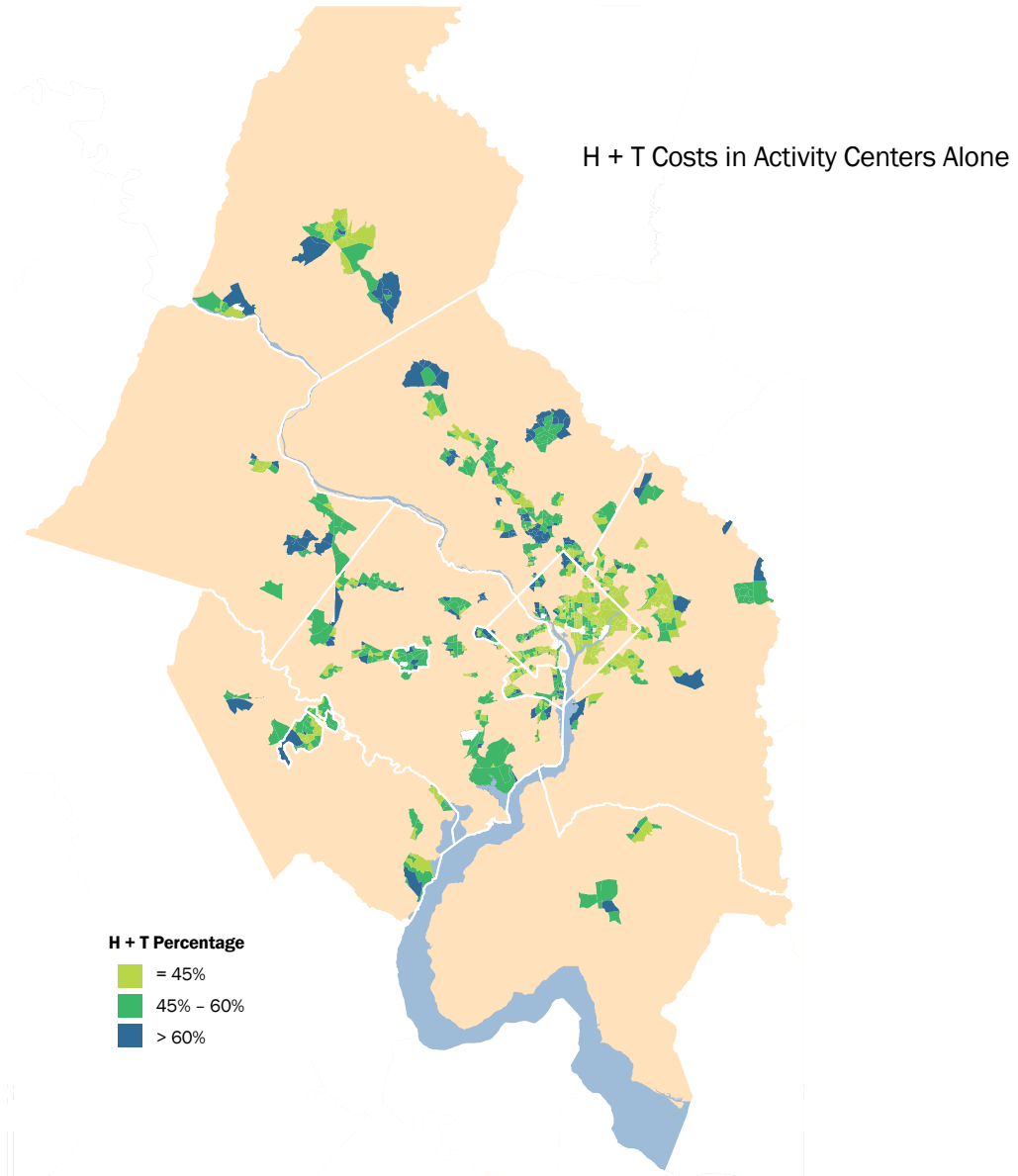
Housing and Transportation Costs (H+T) as a Share of 80% Area Median Income



Figures 15 and 16. Combined housing and transportation costs vary significantly across the region, reflecting access to transportation options and mixed use development.
Source: Center for Neighborhood Technology and COG

Figure 16

Housing and Transportation Costs (H+T) as a Share of 80% Area Median Income

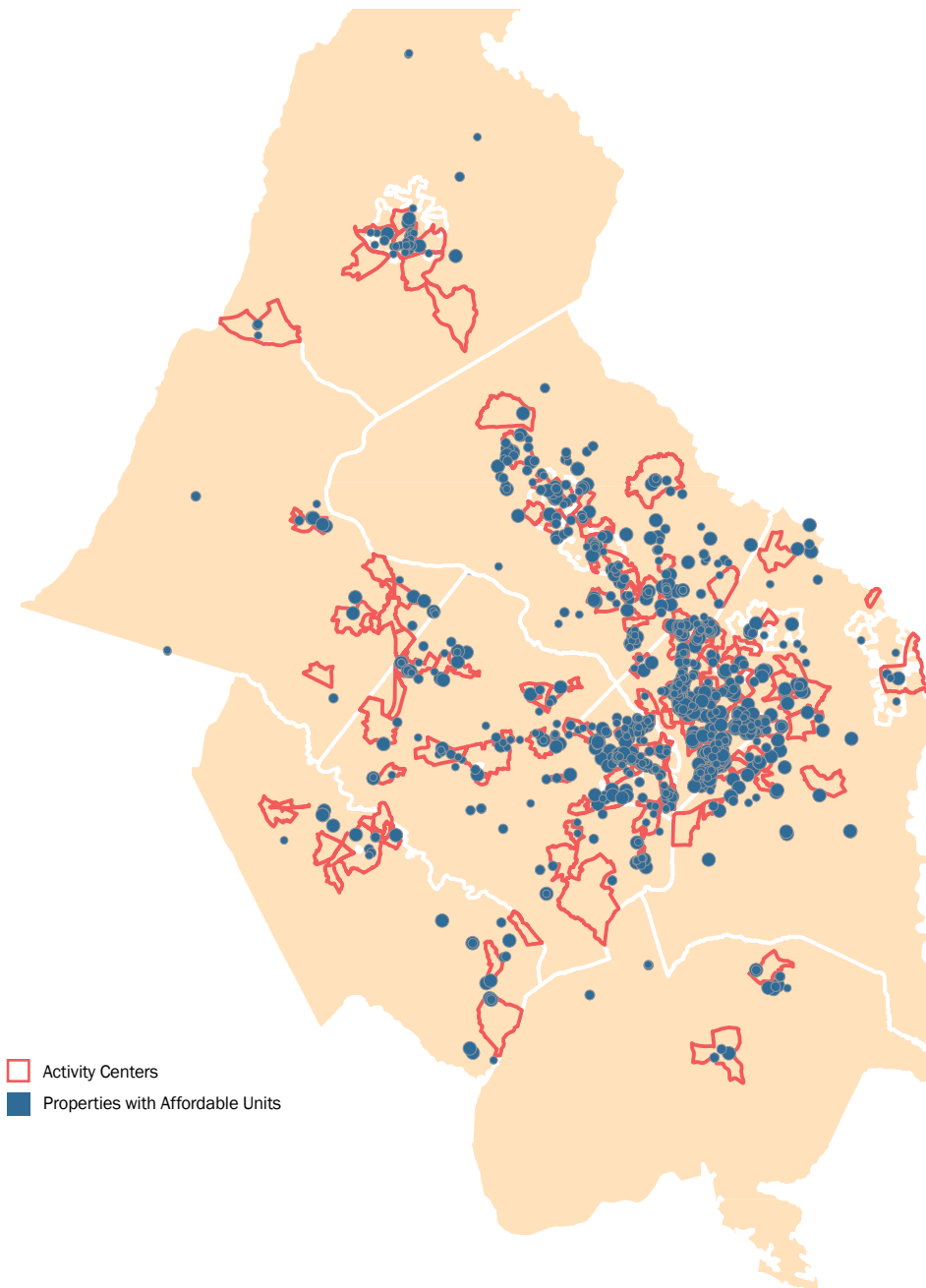


percent, compared to 42 percent for the region overall. In fact, 86.5 of these households have a combined H+T cost of less than 45 percent of income, whereas for the region as a whole, that percentage is 63.⁴⁸ For households in Activity Centers earning only 80 percent of AMI, this cost burden is more pronounced, with an average combined housing and transportation costs of 45.6 percent of income. However, even at lower income levels, households living in Activity Centers have lower combined H+T costs compared to the regional average of 52 percent of income for households at 80 percent of AMI. And approximately half (52.5 percent) of low income households living in Activity Centers have H+T costs less than 45 percent of income, compared to only 32 percent of low income households for the region overall.

Currently, the region has approximately 114,000 income-restricted affordable rental units, of which 87 percent receive federal subsidy. Almost half of all these units (48.6 percent) are located in Activity Centers, and more than 65 percent are located within a half-mile of an Activity Center.⁴⁹ Theoretically, this means that low-income workers in these units have greater access to economic opportunity compared to those located outside Activity Centers.

Figure 17

Income Restricted Affordable Housing in Activity Centers
 Properties with Federally subsidized or locally-created affordable housing



ADDITIONAL INDICATOR

The percentage of the region's restricted affordable rental housing units located in Activity Centers.

MEASURED PERFORMANCE:

Currently, 48.6 percent of restricted affordable rental units are located within Activity Centers, and 65.7 percent are within a half-mile.

Figure 17. Location of income restricted affordable housing throughout the region.

Source: National Preservation Database, local housing departments

“By 2050, Tysons will add 45 million square feet of new construction, and will be home to 100,000 residents and 200,000 jobs. Tysons will become the downtown of Fairfax County, a vital, 24-hour community rich with amenities, attractions, and a network of parks, paths, and places to gather. Three-quarters of this future growth will be within a half mile of a Metro Silver Line station. Many offices and homes will be a 3-6 minute walk from a station. Circulating bus and van routes will connect neighborhoods further from a station. Sidewalks and bike paths will span from one end of Tysons to the other. People will be able to move throughout this New Downtown without a car.”

—Tysons Partnership



The Greensboro Green Pop-up Park on the Meridian property near the Silver Line is a great example of business leaders working with property owners and the County to create a new image for Tysons as a dynamic place to live, work and play.
Credit: Fairfax County

Regional Case Studies

Tysons Transformation (Fairfax County, VA)

Tysons has long been synonymous in the region with economic growth. Home to two major shopping malls, Tysons Corner Center and Tysons Galleria, and the corporate headquarters for some of the region’s largest employers, Tysons is Fairfax County’s central business district and a regional commercial center. The introduction of Metrorail service in 2015 is transforming Tysons as it provides improved access to the District and regional Activity Centers also connected by the Metro system. With the upcoming extension to Dulles Airport, Tysons will offer even greater access to national, international, and regional markets.

The Silver Line served as a catalyst for redevelopment of Tysons from an auto-dominated office and commercial hub into a more walkable community with a mix of new housing, parks, and other urban amenities. *“Transforming Tysons, Tysons Corner Urban Center Comprehensive Plan”* was adopted by the Fairfax County Board of Supervisors in 2010 to fundamentally remake this quintessential “Edge City”.⁵⁰

The Tysons Corner Center redevelopment, originally approved in January 2007 and recently amended in October 2015, represents a microcosm of development Tysons-wide. A major factor in redeveloping Tysons is how to retrofit a financially successful but overwhelming single-use suburban development pattern into a higher density, mixed-use city. Tysons Corner Center is the largest regional mall in Virginia. The proposed redevelopment will transform much of the existing surface parking around the traditional, enclosed retail mall into a mixed-use development, capitalizing on the proximity to the Tysons Corner Metrorail station. The redevelopment will add over 4 million square feet of office, residential, and hotel and retail uses, to be constructed in four phases.

The Tysons Partnership was formed by a number of businesses located in Tysons as a forum to work together with Fairfax County in transforming and rebranding Tysons.⁵¹ The Partnership has been active in programming events such as a farmer’s market in an existing surface parking lot and various art, music, and food festivals on a larger vacant parcel near the Metro.

Wheaton Redevelopment Project (Montgomery County, MD)

Montgomery County is shepherding the redevelopment of a major site in downtown Wheaton conveniently located in the center of three major thoroughfares, and less than two miles north of the Capital Beltway. The Wheaton Redevelopment Project will provide a government office building, below-ground parking garage, and a town square as part of the revitalization strategy for the central business district.⁵² Next door, the developers will build a 200-unit apartment building with retail.

The planned mixed-use development was designed with substantial community input and is designed to improve mobility, increase ridership at Wheaton Metro Station, diminish negative environmental impacts including reducing traffic congestion, and increase the range of employment and services in one of the most economically and racially and ethnically diverse communities in the region. The County will maintain ownership of the site and plans to relocate several county services providing nearby residents and workers with convenient access to a range of services, and greater choices in retail, jobs, and housing.⁵³



Artist rendering of Wheaton Redevelopment
Credit: Montgomery County



HUMAN INFRASTRUCTURE

ASSESSING METROPOLITAN WASHINGTON'S HUMAN INFRASTRUCTURE

Regional Snapshot

Our region benefits from having some of the most highly skilled, well-educated workers in the nation. Regional workforce participation is 73.3 percent, well above the national rate of 64.3 percent.⁵⁴ The region is among the top markets for Millennials, with the District of Columbia claiming a higher share than any other major U.S. city and Arlington the highest among U.S. counties.⁵⁵

The region is also home to some of the top colleges and universities in the country as well, many with global brand recognition. These institutions play a key role in educating the workforce of the future, and are themselves important employers and innovation leaders influencing local economic development, and the larger regional economy.

Among the region's research universities, The University of Maryland, College Park generated the most scientific research and publications, accounting for 21 percent of total academic publications produced between 2010 and 2013.⁵⁶ George Washington, Georgetown, and George Mason Universities are also major contributors of scientific research. These are important intellectual assets for the region to extend its impact globally.

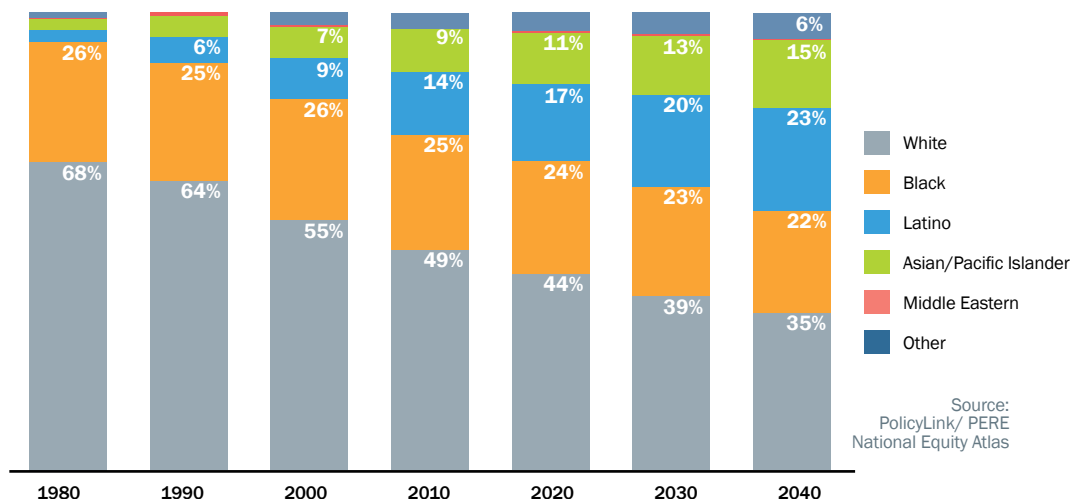
At the same time, prosperity and advancement opportunities are not realized equally by all residents. Some do not have the education or English language skills to advance beyond

“A higher share of Greater Washington’s adults possess a college degree not only relative to peer regions, but also compared to all major US metro areas. Moreover, the region has more highly educated immigrant adults than its peer regions.”

–Global Cities Initiative

Figure 18

Metropolitan Washington’s Racial/Ethnic Composition, 1980-2040



Credit: Lloyd Greenberg

low-wage employment or face limited opportunities to upgrade their skills particularly in such a highly educated region. Residents growing up in neighborhoods of concentrated poverty face additional hurdles affecting their ability to work regularly or succeed in school. Metropolitan Washington also benefits from a racially diverse and growing population.

Advanced industries are an important and growing source of jobs in metropolitan Washington. These industries are heavily reliant upon research and development (R&D) and STEM (science, technology, engineering, and math) worker training. The region's advanced industry jobs in research and technology generated \$113,000 in compensation per worker on average compared to \$64,000 for workers in other industries.⁵⁷ Investments in education and training to support continued growth in these sectors returns economic dividends.

Despite a generally well-educated workforce, employers in metropolitan Washington face challenges in filling job vacancies. The region has several workforce development boards funded to provide job training and career development, yet coordination among them remains a challenge. Building a reliable pipeline of workers to meet the needs of current and future employers will require improved collaboration between different partners involved in job training, workforce education, and career counseling. This includes support for on-going education and career path opportunities for working adults and enhancing apprenticeships, job training, and high school curriculums to prepare students of all races and income levels to succeed in the regional job market. Regional workforce boards are coming together and the region was selected to participate in the national Communities that Work Partnership supported by the U.S. Economic Development Administration to build more effective, employer-led workforce initiatives across the country.⁵⁸

Region Forward Prosperity Targets

Analyzing educational attainment by race and jurisdiction uncovers disparities across metropolitan Washington's population. While the region works to build a pipeline of workers with advanced degrees it must also provide an environment in which low-skill workers can achieve self-sufficiency.

RF TARGET:

By 2020, the percentage of the population over age 25 with a Bachelor's degree is 45 percent or higher, and the percentage with a professional or advanced degree is 20 percent or higher.

MEASURED PERFORMANCE:

In 2014, 49 percent of the population over 25 had a Bachelor's degree or higher, and 24 percent had a professional or advanced degree.

At least 45 percent of all jobs today in metropolitan Washington require more than a high school diploma.⁵⁹ That number is projected to increase as future jobs require ever-higher levels of skills and education, particularly those in the advanced industries. By 2020, 51 percent of all jobs in metropolitan Washington will require a Bachelor's degree or higher, compared to 43 percent nationally.⁶⁰

Metropolitan Washington is on track to meet that need. Today, 49.3 percent of the population over 25 years of age has a Bachelor's degree or higher, and 24 percent has an advanced degree. Several jurisdictions are well above the regional average. For instance, in Arlington County, 74.3 percent of the population has at least a Bachelor's degree. Disparities exist, however, when analyzed by race. Of the 491,000 immigrants living in the region in 2014, 42 percent held at least a bachelor's degree, but among Latino immigrants only 20 percent had at least a BA.⁶¹ Increased education is a pathway to better paying jobs; however, a 2015 equity profile discovered that a significant wage gap exists between racial groups at all levels of educational attainment, as shown in the following graphic, which was prepared for Fairfax County as part of their 2015 Economic Development Strategy.⁶²

Figure 19

Median Hourly Wage by Educational Attainment and Race/Ethnicity, 2012

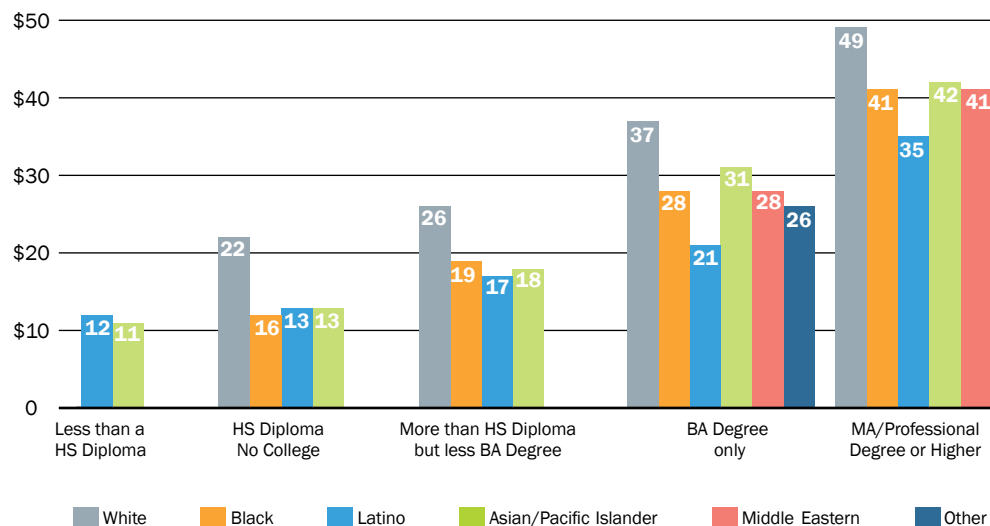


Figure 19. People of color earn lower wages than Whites at every educational level. Wages rise with education, but gaps by race remain. People of color with a BA degree have hourly medium wages that are \$9 less than their white counterparts. Latinos face the largest gap of \$16 at that educational level.

Source: PolicyLink/PERE National Equity Atlas. Universe includes civilian noninstitutional full-time wage and salary workers ages 25 through 64.

In 2014, 87 percent of the 764,803 students enrolled in area high schools graduated on-time. This percentage is up from past years. Significant regional differences are evident in the quality and performance of public education (K-12). In some jurisdictions, less than 60 percent of high school students graduated on time, whereas in others the rate exceeded 90 percent.⁶³ Public schools continue to face fiscal pressure long after the end of the Great Recession, straining one of the region’s competitive advantages. Across Virginia, for instance, schools are facing a shortage of 11,000 staff needed to meet the needs of growing student enrollment.⁶⁴

RF TARGET:
By 2020, increase the rate of students graduating from area high schools to 90 percent.

An Equitable Growth Profile prepared earlier this year for Fairfax County found that while only 1 percent of the County’s white, U.S.-born population between the ages of 16 and 24 did not have a high school degree or were in pursuit of one, among Latino immigrants in this age group the rate was 26 percent. Among U.S.-born Latinos and African Americans, the rate was 6 percent for each group.⁶⁵

MEASURED PERFORMANCE:
In 2014, 87 percent of students enrolled in area high schools graduated.

In 2010, COG established a Regional Workforce Development Task Force and issued the *Closing the Gaps to Build the Future* report specifically to better integrate local education, career development, and training goals and needs. At that time, only 59 percent of Latinos living in the region had a high school degree, as did 43 percent of African-Americans. In response, this Task Force developed a multifaceted approach to engaging the region’s youth and providing the access to quality and affordable education that has been promoted by COG and its community, educational, and business partners.⁶⁶

Regional Case Studies

Middle-skill jobs as a foundation for greater regional competitiveness (Prince George's County, MD)

Prince George's County has found a way to use new federal stormwater management rules to spur new industry and jobs. The EPA mandates that 15,000 acres of the County's impermeable surfaces be retrofitted by 2025 with treebox rain gardens, bioswales, permeable asphalt and pavers, and other green infrastructure. Recognizing that the magnitude of the challenge would require creative approaches, the County formed a 30-year public-private partnership with project management company Corvias Solutions to oversee the design, construction, and long-term maintenance of stormwater management systems. "As government, we can start a conversation, but we can't always finish a conversation," says Adam Ortiz, Director of Prince George's County Department of the Environment. "This is where we need the private sector. By and large, the private sector builds stuff better than the government does."⁶⁷

"Stormwater management can create a living piece of infrastructure. It takes a lot of maintenance, but it's a tremendous economic opportunity."

—Adam Ortiz, Director of Prince George's County Department of the Environment

In the first three years, the County will invest \$100 million in the project. In addition to the traditional time and budget requirements, Corvias must also meet socioeconomic targets. They will use local small and minority-owned businesses and local residents for at least 40 percent of the hiring, contracting, and procurement needs.

The County is already training classes of workers and contractors through partnerships with community colleges and nonprofits.

Prince George's County's partnership with Corvias Solutions is part of a broader effort to grow stormwater based middle skill jobs in the region. The COG is working with Prince George's County Department of the Environment, the Anacostia Waterfront Trust, the Greater Washington Board of Trade, and the Aspen Institute to facilitate creation of a robust system for training and credentialing stormwater workers to help meet the workforce needs of the industry. The effort will bring together the initiative partners, local stormwater program managers, DC Water and other utilities that must procure stormwater services, and workforce services and training providers to identify the growing demands for stormwater workers, identify procurement mechanisms that can facilitate timely procurement of cost-effective projects, and coordinate with local stormwater programs and the regional networks of workforce training providers to develop effective training and credentialing of stormwater workers to result in a common system that will meet the needs of the local government, utility, and private businesses.



Credit: Prince George's County Department of the Environment

Capitol Post (Alexandria, VA)

In 2013, a group of veterans, government agencies, nonprofits, and businesses in the City of Alexandria came together to discuss the lack of coordination and community-based support for veterans transitioning from the military to the business world. From these discussions, Capitol Post was born to build a community where veterans would be successful after their military service.⁶⁸

Capitol Post offers veterans in the region personalized guidance through mentoring, business counseling, and access to key resources, programs, and leaders. Its mission is to establish and cultivate a supportive community in which to start a business, grow a business, or explore a new career. Consultants and staff meet one-on-one with veterans to develop a personalized plan and connect them to the right resources to ensure their professional success. Capitol Post's focus areas include providing personalized professional guidance, connecting veterans to top business resources, leaders, and mentors, and facilitating business connections and networking opportunities.

To facilitate these activities, Capitol Post opened a physical space in early 2015 with seed funding from the Alexandria Economic Development Partnership. Part accelerator, part co-work space, part training space, this facility provides events, workshops, and classes and a location for veteran businesses to work together and learn from each other. Capitol Post continues to add programs and services to meet the needs of veterans in today's business world.

In 2015, Capitol Post also kicked off the first cohort of veteran business owners who are participating in an intensive six-month program at Bunker Labs DC, an accelerator program that is part of a larger network of veteran entrepreneur programs across the country. Capitol Post is the home for this program in metropolitan Washington and is instrumental to helping the region's veterans.



Bunker Labs DC helps support veterans and their spouses grow sustainable and scalable businesses.

Credit: Bunker Labs



QUALITY OF LIFE

ASSESSING METROPOLITAN WASHINGTON'S QUALITY OF LIFE

Regional Snapshot

The region's high quality of life is one of its best economic assets, helping to attract and retain workers, and fueling growth in the tourism and hospitality industries. Among the many regional attractions are dozens of museums, embassies, and entertainment venues, combined with natural amenities including major rivers and almost 190,000 acres of parklands. The racial and ethnic diversity of the region itself is another factor that attracts people to metropolitan Washington and contributes to a culturally rich economy.

The extensive regional transportation network, including 97 miles of bicycling and walking paths, earned the District of Columbia the rating of "America's Fittest City" three years in a row.⁶⁹

Figure 20

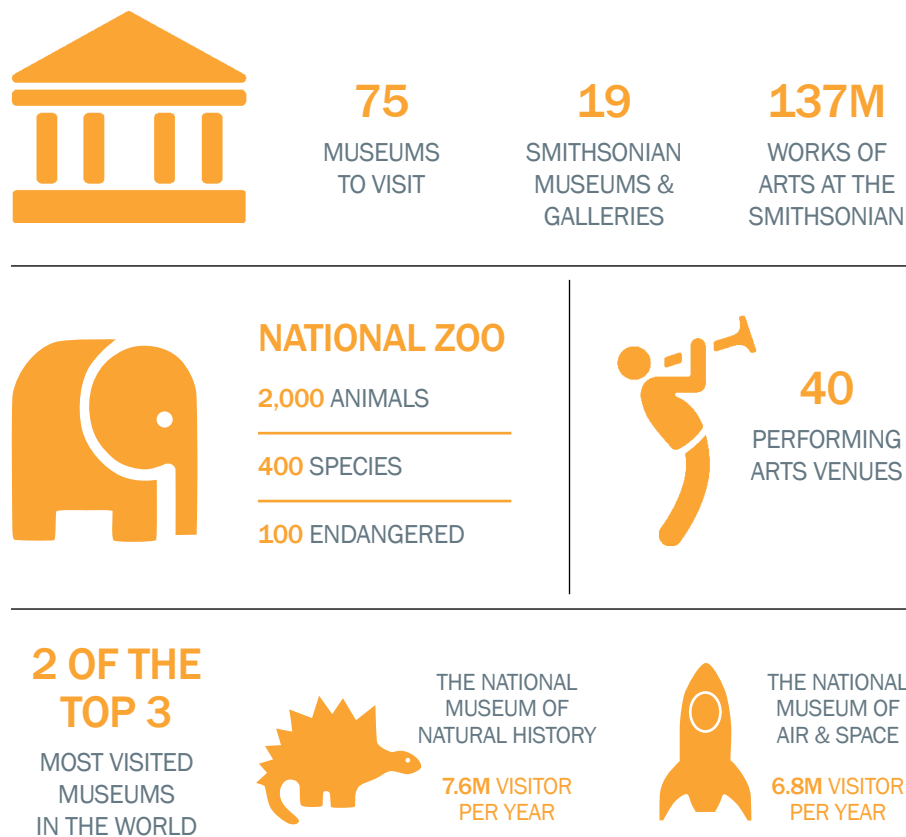


Figure 20. Presentation to the COG Board (September 9, 2015). "WASHINGTON 2024: An Urban Games for a Changing City"

Figure 21

Parks in Metropolitan Washington

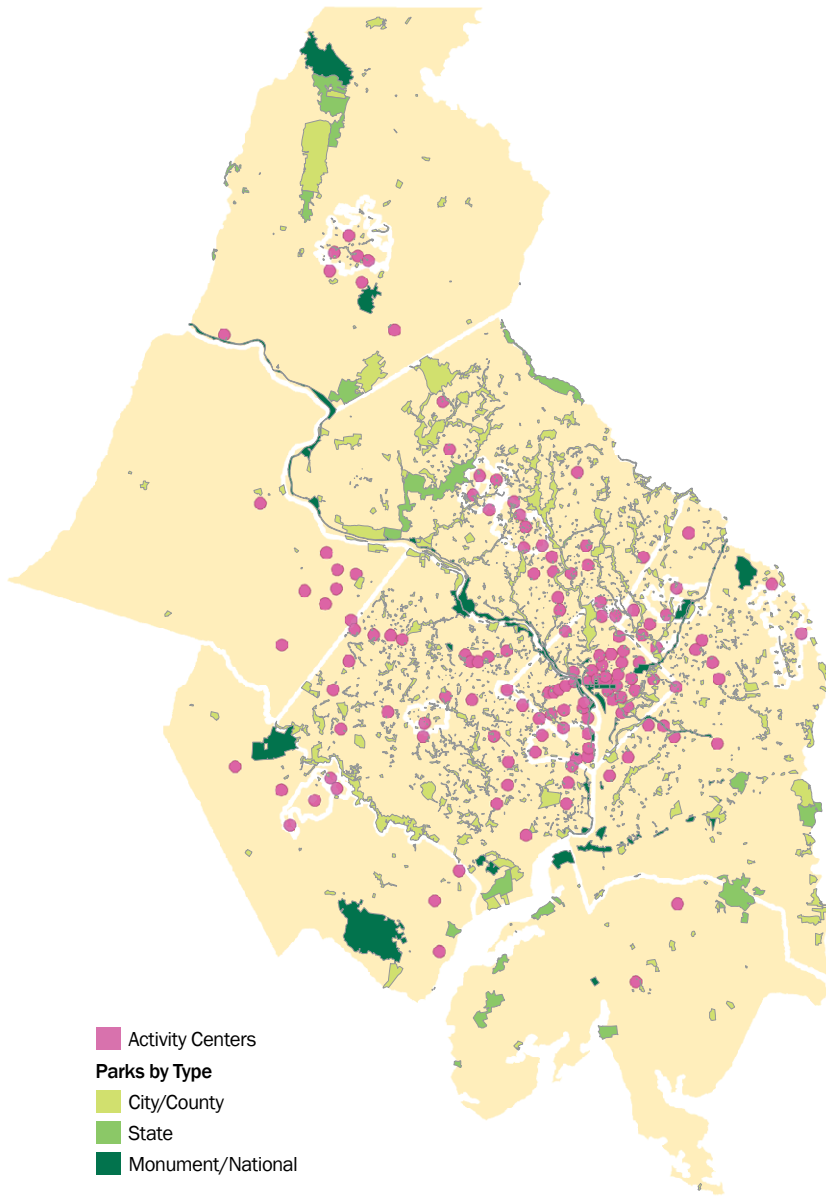


Figure 21. Region Forward includes a Sustainability Target to “identify, conserve and enhance a network of protected open spaces, parks and green infrastructure to provide ecological benefits, wildlife habitats, recreational opportunities, and scenic beauty.”

Food, wine, and craft brew industries are making the region not just a political capital but a foodie capital as well. Over the last decade metropolitan Washington has quietly and quickly become one of the nation’s top dining regions, adding not only to the quality of life but also the regional economy. This trend has attracted venture capitalists willing to back several of the region’s top chefs and restaurant chains. Rockville-based restaurant chain Cava Grill raised \$44.5 million in 2015, and District of Columbia-based organic salad chain Sweetgreen raised \$35 million. In the first ten months of 2015, venture capitalists have invested over \$850 million in the Washington-Baltimore region of which \$85 million have been for consumer products and services including restaurants.⁷⁰

The region’s rich agricultural land and scenic vistas combined with local entrepreneurship have helped the region’s wine and craft brewery industries become major economic engines in Loudoun County, among others. A 2010 study found the number of wine-related tourists visiting Virginia increased from 1 million in 2005 to 1.62 million in 2010. Spending related to winery tourism also increased from \$57 million in 2005 to \$131 million in 2010.⁷¹

Local philanthropic partners play an important role in supporting investments in education, the arts, public health, and other ingredients critical to quality of life, especially for those most economically disadvantaged. Total philanthropic giving in 2013 among members of the Washington Regional Area Grantmakers totaled almost \$228 million, but is far less than in other peer regions, such as Philadelphia and Houston where it exceeded \$1 billion.⁷²

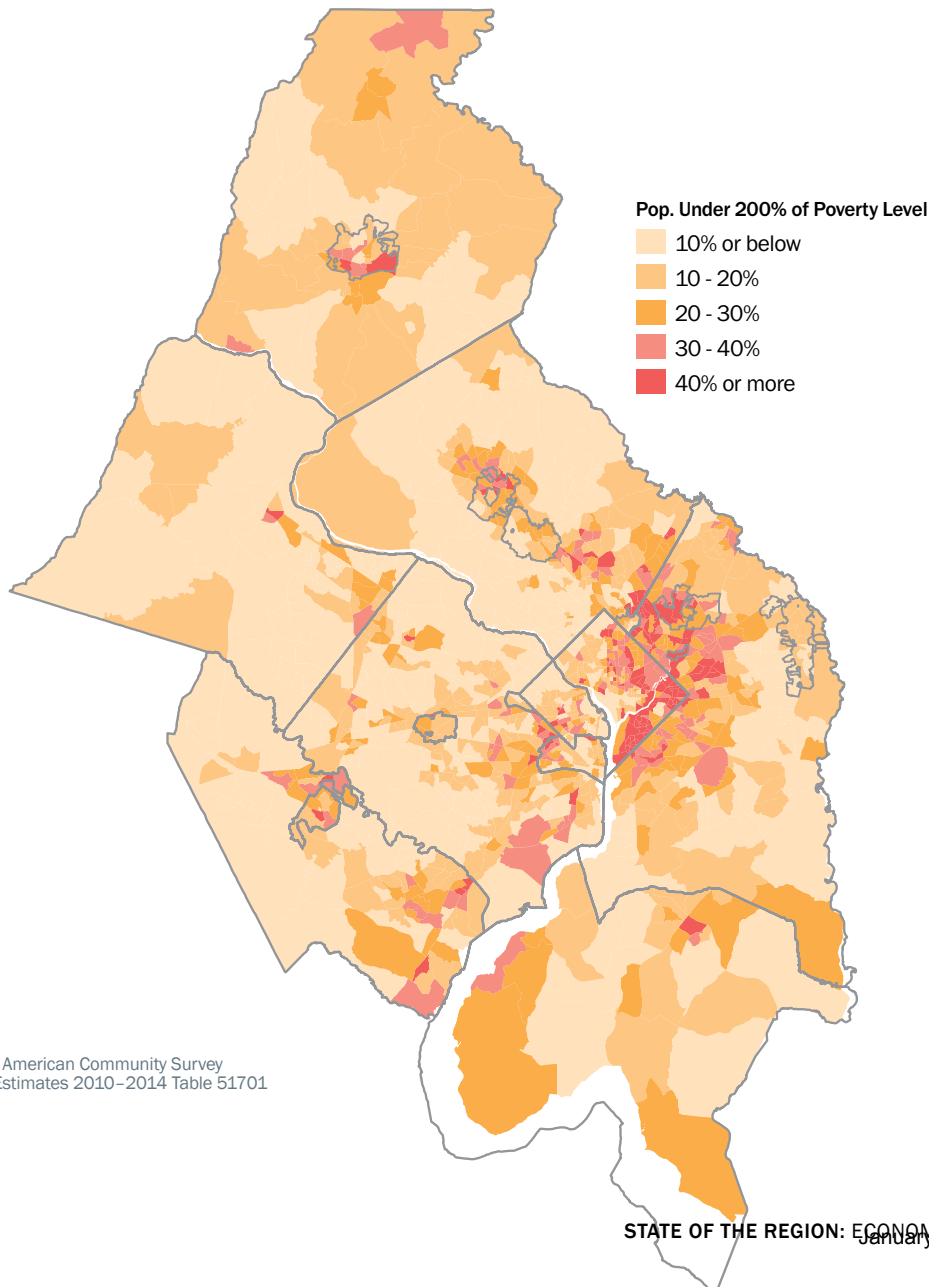
Livability Indicators

The regional economy is supported by a strong quality of life found in the many vibrant urban, suburban, and small town neighborhoods. Yet as the following indicators demonstrate, housing affordability pressures and concentrated poverty have the potential to undercut these advantages.

Social inequity hinders the region's economic competitiveness and limits the potential of the region's residents. It also creates additional fiscal strains on local and regional agencies to provide housing, employment, education, and health care support services. In 2013, 8 percent of the region's population and more than 10 percent of children under the age of 18 were living at or below the federal poverty line. The poverty rate for African Americans and Latinos is approximately 30 percent.⁷³

Figure 22

Concentrated Poverty: Population Under 200% of Poverty Level by Census Tract 2010–2014



Source: American Community Survey
5-Year Estimates 2010–2014 Table S1701

RF INDICATOR:
The percentage of residents living at or below the federal poverty line.

MEASURED PERFORMANCE:
Regionwide, 8 percent of the region's population and over 10 percent of children live at or below the federal poverty line. Approximately 30 percent of African American and Latino residents live in poverty.

The high cost of living in metropolitan Washington means that even households earning well above the federal poverty threshold struggle, and the concentration of poverty within neighborhoods exacerbates these challenges. In 2013, 10.3 percent of the population lived in census tracts with 40 percent or more of the population at or below 200 percent of the poverty level. This equates to an annual income of \$47,100 for a four-person household or \$22,980 for a single-person household.⁷⁴ Looking at concentrated poverty by race, less than 4 percent of the white population lived in these impacted census tracts versus 21 percent and 20 percent of African Americans and Latinos, respectively.⁷⁵

ADDITIONAL INDICATOR:

The percentage of the region's total housing stock affordable to households earning less than 80 percent of area median income (AMI), less than 50 percent of AMI, and less than 30 percent of AMI.

Housing prices have been rising in the region since the Great Recession. Approximately 43.5 percent of all rental and homeownership units were affordable to households at or below 80 percent of AMI. To put this in context, a four person, low income household earning \$67,600 a year could afford to pay a monthly rent between \$1,330 - \$1,690. However, many of these potentially affordable units are occupied by higher income households and therefore not available to low income households. A recent study prepared by the Urban Institute and COG that examined housing security across metropolitan Washington found that "more than half of the Washington region's 714,500 rental units were potentially affordable to very low or extremely low income households. However, a substantial share of affordable units were not available to very low or extremely low income renters because they were occupied by households with higher incomes." The shortage of available affordable housing is particularly

MEASURED PERFORMANCE:

As of 2011, 43.5 percent of total housing stock was affordable at or below 80 percent of AMI, 19 percent was affordable at or below 50 percent of AMI, and 8 percent was affordable at or below 30 percent of AMI.

acute for extremely low income households, those earning less than 30 percent of AMI. The report found that an additional 94,200 units are needed to affordably house all extremely low income households in metropolitan Washington.



Credit: Shashi Bellamkonda

Housing prices and land values are rising across the region, stretching household budgets for workers of all income levels. In 2013, the District of Columbia was reported to have the second-highest costs for a four-person family among all cities.⁷⁶ Regionally, 48.6 percent of renter households and 44.7 percent of owner households are considered housing cost burdened, paying more than 30 percent of annual income on housing. Among renters, 72 percent of extremely low income and 25 percent of very low income households are severely cost burdened, meaning they pay more than 50 percent of their income for housing expenses.⁷⁷

Rising housing costs and rents are impacting many jurisdictions. Between 2011 and 2013, more than 50 percent of renters in the District of Columbia, and Prince George’s, Prince William, and Montgomery Counties were cost burdened, and roughly 20 percent were severely cost burdened.⁷⁸

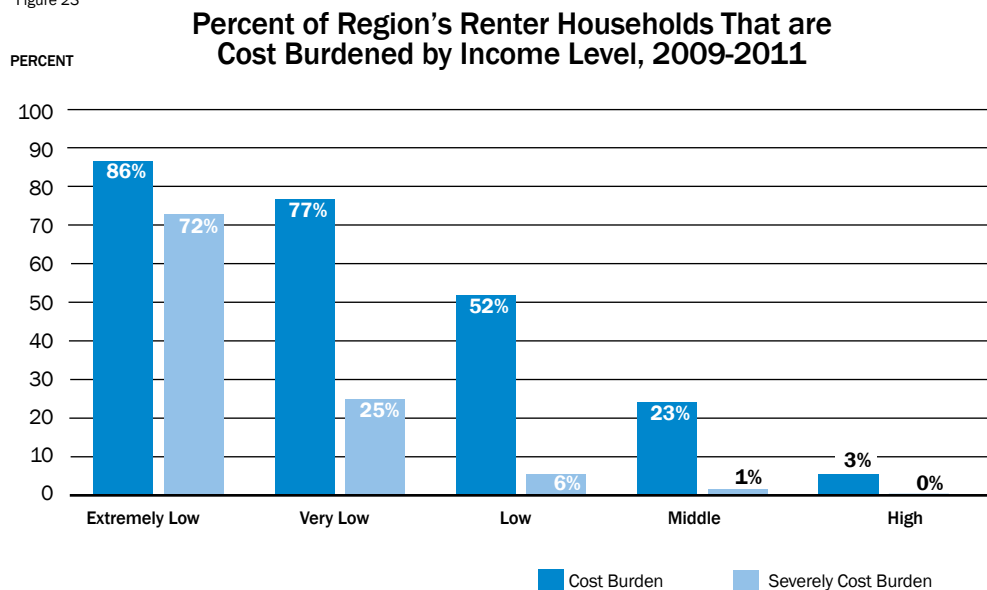
ADDITIONAL INDICATOR:

The percentage of households who are housing cost burdened, defined as paying more than 30 percent of annual income for housing.

MEASURED PERFORMANCE:

Over 48 percent of renter households and 44 percent of owner households pay more than 30 percent of annual income on housing.

Figure 23



Source: Housing Security in the Washington Region, Urban Institute & Metropolitan Washington Council of Governments

The same trend is true for homeowners, with 44.7 percent reporting paying more than 30 percent of annual income on housing. Higher income buyers are crowding out lower income households looking for housing that may be more affordable to them. “Of the 43,500 units in the region affordable to an extremely low income, first-time homebuyer, 32,100 units, or 74 percent, were occupied by an owner with a higher household income than was needed to afford the units. Higher income households occupied approximately 69 percent of units affordable to the very low income and 66 percent of those affordable to the low income.” As a consequence, there are very few homeownership options for lower income households, prompting many to seek housing further from their jobs. This in turn impacts household budgets as more money must be spent on transportation.⁷⁹

Regional Case Studies

Fueling Innovation (College Park, MD)

In 2005, the City of College Park implemented an economic development strategy that successfully transformed it from being an auto-dominated community to one with thriving walkable retail nodes. Now ranked among the Top 50 Small College Towns in the United States, College Park has attracted a series of economic development projects that are collectively forecasted to generate over 500 new hotel rooms, approximately 93,000 square feet of new retail space, and over 1,000 new multifamily housing units.

With over 37,000 students and 4,400 faculty, the University of Maryland at College Park is a major economic engine both for Prince George's County and the region.⁸⁰ The University contributes more than \$3.4 billion into the economy, supporting 23,000 jobs and generating an 8:1 economic return.⁸¹ University and community leaders are working to take this impact to the next level with a focus on cultivating innovation while also redeveloping land along the City's Baltimore Avenue commercial corridor and the proposed Purple Line light rail station into a mixture of apartments, university housing, retail, offices, and laboratory buildings. This initiative has already helped to attract a new wave of technology companies to College Park—including such groundbreaking startups as Immuta and FlexEI.

“We’ve got over 100 student-led companies in our start-up ‘shell’... we see the Innovation District—where those ideas which start on campus with great students and faculty members—really have an opportunity to grow.”

**—Ken Ulman,
President of Margrave Strategies**

Small businesses continue to play a major role in College Park's economy. The City of College Park has created several grant programs to assist local businesses with sustaining their economic growth. This year the City awarded approximately \$50,000 in business expansion grant funds to local small businesses. These funds were matched by approximately \$170,000 in private capital investment.⁸²



Credit: College Park



Manassas Train Station.
Credit: Laura Henderson

Leveraging History and Transportation Access for Economic Gain (Manassas, VA)

The City of Manassas has an important place in American history and a strategic location in metropolitan Washington with access to a range of regional transportation connections. City officials have leveraged both in their economic development strategies. The City of Manassas has developed partnerships with the Virginia Railway Express (VRE) that includes a municipal parking deck constructed adjacent to the Downtown Manassas station. This structured parking feature allows the City to increase density in its Downtown by eliminating surface parking. Having a VRE station in Downtown enables Manassas to take advantage of transit-oriented development trends while serving the needs of residents who live in the Greater Manassas area and wish to use mass transit as their preferred commuter alternative, further reducing congestion in the region. The proximity of the station to Downtown employers allows those businesses who have only an occasional need to meet with customers and clients inside the beltway to locate outside the beltway and to take advantage of proximity to a skilled workforce, lower business costs and avoid costly commutes.

Historic Manassas Inc. (HMI) is primarily funded by the City but operates as an independent 501(c)3 organization under the umbrella of the National Main Street model. The group has paid staff and a volunteer Board of Directors that focuses on special events, tourism promotion, and business development. Last year the City of Manassas attracted more than 250,000 visitors to events in Historic Downtown and will grow participation each year. The special events, festivals and parades contribute to creating a vibrant central business district attractive to businesses, residents and visitors. With the aid of HMI, Manassas has revitalized its Downtown with strategic public and private investments that have created a business environment wherein nearly all of the storefronts are occupied and new businesses and residents consider Downtown a preferred location. This contributes greatly to the City's property tax base as well as generating revenues from retail and restaurant sales.



OPPORTUNITIES

OPPORTUNITIES TO STRENGTHEN REGIONAL ECONOMIC COMPETITIVENESS

Metropolitan Washington is at an economic crossroads. The region benefits from a number of assets including a highly educated workforce, a strong presence in several advanced industries that offer good wages and business growth, and a high standard of living and quality of life. However, declining local revenues, slowed job growth, growing economic inequality, and a rising cost of living threaten these assets. The shifting role of the federal government, once a major driver of economic growth, is creating both challenges and opportunities for local jurisdictions. Our region's economic competitiveness hangs in the balance.

While there is no single organization that has the capacity to lead all facets of economic competitiveness—our tri-state region has the nation's sixth largest metropolitan economy—COG is well-positioned to play a leadership role through partnering with business and civic leaders. A critical role that COG plays is to provide a forum for elected officials, business leaders and nonprofit partners to advance critical regional issues collectively and advocate a shared set strategies to improve regional competitiveness.

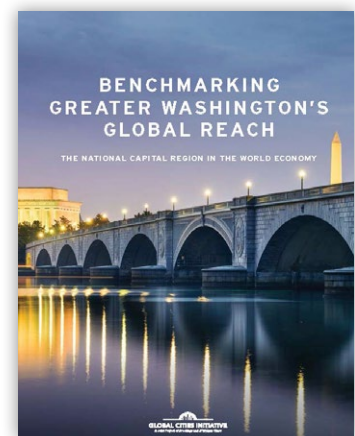
As our major competitors across the country and globe are stepping forward to improve their own economic prosperity we do not have a moment to lose. Throughout the past year, COG leaders and staff initiated several important initiatives to improve the region's economic competitiveness. More can be done in the coming year to expand this work and its impact. Additional strategies can be advanced in the coming year to help us compete in an increasingly global marketplace.

“Because the race to achieve prosperity is now global, we’re in competition with Sydney, London and Berlin. We should focus on the region’s principal economic assets such as scientific and technical services, higher education and health services as sources of growth.”

**—Dr. Terry Clower, Center for Regional Analysis,
George Mason University**

Expanding What We’ve Started—2016 Initiatives

- 1. Launch a coordinated regional export promotions strategy.** In November 2015, the Global Cities Initiative, led by the Brookings Institution and JPMorgan Chase, released a report “Benchmarking Greater Washington’s Global Reach,” which argued for a strong regional export strategy to elevate our place in the global marketplace.⁸³ In 2016, metropolitan Washington hopes to join 28 other metropolitan areas participating in the Global Cities Exchange to develop and implement regional strategies to boost global trade and investment. COG is helping to lead this effort to forge partnerships between its member jurisdictions, business leaders, and other domestic and international metropolitan areas. The focus of this work will be on developing a regional export promotions plan.
- 2. Convene top economic development directors from the District, Maryland, and Virginia.** In each jurisdiction and state, efforts are underway to assess and fine-tune economic development strategies to better meet the current



Global Cities Initiative calls for a strong regional export strategy.

economic challenges and opportunities. Fairfax County, for instance, introduced a bold new *Economic Strategic Plan*⁸⁴ in 2015 that focuses on strategies to diversify its economy while prioritizing investments in placemaking and improving government performance.⁸⁵ In 2016, COG will convene top economic development directors from across the region to coordinate and share best practices, including undertaking a collaborative international trade mission.

3. Support workforce development through infrastructure investment. As part of its work with the Commerce Department's national Communities that Work Partnership, COG is leading a regional team of public and private sector leaders to advance workforce development and job opportunities, especially among low-income and low-skill workers in the regions rapidly growing stormwater infrastructure sector, which is expected to receive \$10 billion in investment in the next decade. The goal is to create a robust system for training and credentialing to meet the need for stormwater management, an industry that is expected to create jobs that cannot be exported, stimulate regional economies, and provide environmental benefits.⁸⁶

4. Facilitate federal partnership for regional economic gain. Within the federal government the Government Services Administration (GSA) is the critical regional player with significant land holdings and leased space across the region. COG initiated conversations with new GSA leadership to explore opportunities for the agency to leverage its presence in the region to spur economic development.⁸⁷ In 2016, COG will also support expanded information exchange and technology transfer between federal labs and the region's governments, businesses, and universities. Through a partnership with the Federal Laboratory Consortium for Technology Transfer (FLC), the network that develops strategies and opportunities for linking federal laboratory technologies and expertise with the marketplace, COG will identify regional economic development proposals that could be supported by federal lab assist these priorities.

5. Learn from regional performance and assess peer regions. The *2016 State of the Region: Learn From Economic Competitiveness Report* report offers a compendium of important indicators for assessing regional competitiveness. This report builds upon COG's 2010 Region Forward Indicators. COG is partnering with other organizations and academic institutions including the Greater Washington Board of Trade, the Brookings Institution and Center for Regional Analysis at George Mason University to assess our performance across additional measures. COG has participated in the "Roadmap" conceived by the 2030 Group and others. The Urban Land Institute is working to identify a set of peer regions by which our performance can also be analyzed to see where metropolitan Washington leads and where we lag. Other metropolitan areas such as Phoenix, Chicago, and Kansas City have created online dashboards to monitor performance and provide information to help local and regional decision makers in prioritizing investments that support regional economic competitiveness. Still other regions including Seattle and Minneapolis-St. Paul have undertaken deep analysis of their core industry clusters to inform strategic investments and coordination on workforce development and international trade missions. Both are areas where the work started by COG in 2015 can be expanded upon to provide better data and information to assist state and local economic development offices, workforce development boards, colleges and universities, and vocational partners.



Committing to Deeper Regional Coordination

Beyond the efforts COG has already identified for early implementation, there is the need for deeper and more sustained regional coordination to address the critical economic competitiveness challenges identified in this report. We must turn around economic performance to grow jobs; to build advanced industry sectors and diversify our regional economy, rather than maintain a federal dominance; and to address economic disparities and unequal access to opportunity rather than exacerbating the divide between communities and workers of different skill or income levels.

Globally competitive regions share a number of characteristics. These include:

- a unified, comprehensive economic strategy with clear action steps for how to improve regional competitiveness;
- a culture of cooperation, connectivity, and innovation; and
- a clear global identity that highlights distinct areas of economic specialization⁸⁸

At the root of all of this is the need for greater cross-jurisdictional and cross-sector collaboration. This is difficult in a region where competition between localities and states has been a long-standing tradition. The reality is that we can no longer afford a “go it alone” economic strategy. Local poaching of jobs and employers has real costs. Most notably, it undercuts the ability to market metropolitan Washington as a unified region that would result in a much more persuasive case for investment, expansion, or relocation to the region. Metropolitan Denver witnessed this first hand, and as a result, business leaders and public economic development directors came together to create a Code of Ethics that first and foremost markets the region.⁸⁹

“Working with the COG, and working as a region, and understanding where the priorities are, is an important part of us being successful if we truly want to be a partner in this.”

—GSA Administrator Denise Roth

Among the most critical action items for 2016 where COG can lead are to help **foster regional “innovation industries”** and to **support efforts that improve the region’s brand**. This involves overcoming the region’s identity as a “company town” of the federal government and the corresponding dysfunction associated with Congress. The Global Cities Initiative provides a timely path for informing both of these efforts as regional leaders from the private and public sector will engage with their peers from around the globe to better focus on areas of strength and improvement for marketing the region’s identity and economy.

COG plays an important leadership role in several of the factors that contribute directly to the region’s competitive environment. COG is involved with each of the four pillars of economic competitiveness. Beyond the actions articulated above to improve the region’s Economic Climate, COG is engaged in an array of efforts to improve the region’s infrastructure. This includes coordinating multiple jurisdictions’ long-term transportation planning goals through the Transportation Planning Board and spearheading efforts to create shared regional greenhouse gas reduction and green energy goals. COG influences regional human infrastructure through continued efforts to improve workforce development coordination and alignment with industry needs. COG also is working with philanthropy, public agencies, and area nonprofits to highlight the region’s growing housing affordability crisis and advance solutions that improve regional quality of life. COG is coordinating with area health officials to address public health concerns.

“Greater cooperation across borders on a variety of issues will be critical to the region’s future economic success.”

**—Prince George’s County Executive
Rushern Baker III**

Going forward, the Region Forward Coalition provides a forum for stakeholders from across jurisdictions and sectors to advise the COG Board on additional strategies to improve the region’s economic competitiveness. These efforts, unique in their scope and the partners involved, are threads which woven together create a strong metropolitan Washington where people, businesses, and communities can thrive.

This report is not the first to identify the need for improved regional action to address growing economic threats, nor will it be the last. However, it does underscore the fact that the region’s economic future is not just a function of individual economic development actions. Rather, succeeding in the global market place to attract and retain jobs, workers, and venture capital requires a comprehensive set of strategies influencing the quality of place, of people, and of economies. Innovation is at the heart of this work, not only as it relates to entrepreneurship and new markets but also in how government works with the private sector. In the coming year, COG will continue to elevate the critical need for regional business, civic, and political leaders to work collaboratively to address the growing threats to our region’s economic competitiveness and to foster greater innovation.

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Metropolitan Washington
Council of Governments

777 North Capitol Street NE, Suite 300
Washington, DC 20002

www.mwcog.org

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 NORTH CAPITOL STREET, NE
WASHINGTON, DC 20002-4239**

RESOLUTION ACCEPTING THE 2016 STATE OF THE REGION ECONOMIC COMPETITIVENESS REPORT

WHEREAS, the Metropolitan Washington Council of Governments (COG) is comprised of the 22 jurisdictions of the National Capital Region's local governments and their governing officials, plus area members of the Maryland and Virginia legislatures and the U.S. Senate and House of Representatives, and COG provides a focus for action on issues of regional concern; and

WHEREAS, economic competitiveness was adopted as a priority in the 2015 Board of Directors Work Plan and the Board received regular briefings from experts on economic competitiveness, federal labs, advanced industries, the exports industry, economic development, and public-private partnerships; and

WHEREAS, as a culmination to the year economic study staff prepared a report detailing the state of economic competitiveness in the region; and

WHEREAS, the COG Board received and reviewed the draft 2016 State of the Region Economic Competitiveness report.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS THAT:

The Board accepts the 2016 State of the Region Economic Competitiveness report and directs its Executive Director, or his designee, to distribute the report to member jurisdictions and regional stakeholders.

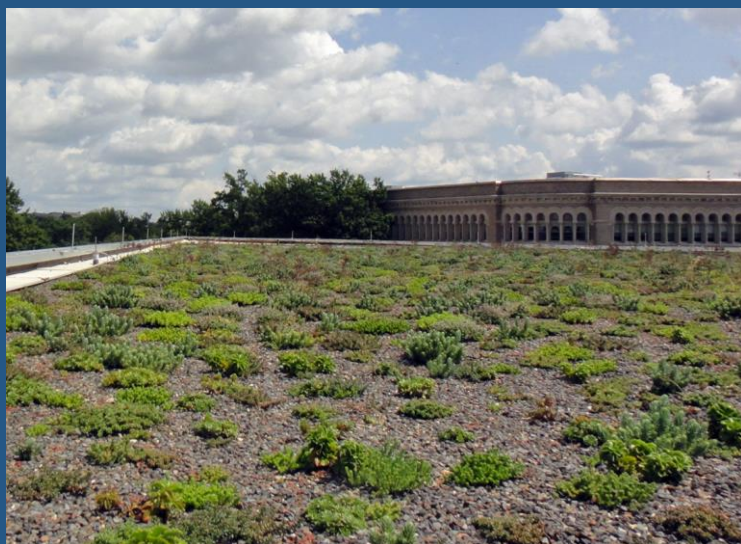
AGENDA ITEM #12

2016 LEGISLATIVE PRIORITIES

LEGISLATIVE PRIORITIES – DRAFT

Investing in Metro Safety, Encouraging Innovation, and Supporting the Region’s Infrastructure and Workforce

January 2016



ABOUT COG

The Metropolitan Washington Council of Governments (COG) is an independent, nonprofit association that brings area leaders together to address major regional issues in the District of Columbia, suburban Maryland, and Northern Virginia. COG's membership is comprised of 300 elected officials from 22 local governments, the Maryland and Virginia state legislatures, and U.S. Congress.

CREDITS

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CERTAINTY AND ADEQUACY OF TRANSPORTATION FUNDING

Support State Safety Oversight Committees

Expedite developing MAP-21 legislation to provide immediate enhanced authority for State Safety Oversight Agencies (SSOA) for Metro and increase federal funding to support SSOA operations.



Credit: Jim Larrison, Flickr

Support Funding of Metro's Strategic Plan (Momentum Priority Target Areas)

Identify and enact means of additional federal and state funding for Metro's strategic plan, Momentum, in order to improve and expand the Metro system over the next ten years to keep up with projected growth and demand throughout the region. Metro's strategic plan elements are designed to address the region's transit system needs that are currently unmet, including adding core capacity to the system, which affects service quality, reliability, and safety.

Support Transportation Infrastructure Investment

The transportation system in the national capital region is critical to the nation's safety and economy. The region's aging transportation infrastructure is in urgent need of reconstruction and major rehabilitation that goes beyond routine maintenance and upkeep. Federal funding for these efforts has continued to decrease and is currently substantially inadequate and should be increased.

Ensure Continuation of the Passenger Rail Investment and Improvement Act

Ensure the continuation and full funding of the Passenger Rail Investment and Improvement Act (PRIIA) of 2008 beyond 2020 and through 2040 to ensure maintenance of the Metro system in a state of good repair.

WATER QUALITY PROTECTION

Support Investments in Water Infrastructure

Support mechanisms such as tax credits, infrastructure banking, Water Infrastructure Finance and Innovation Act (WIFIA) funding, state revolving funds (SRFs), and maintain tax exemption status for municipal bonds. Ensure that local infrastructure investments built to meet water permit load allocations, as well as to handle future growth, continue to be recognized.



Credit: Chesapeake Bay Program, Flickr

Ensure Stormwater Regulatory Feasibility

Endorse legislation that supports a feasible pace for MS4 stormwater permits, and applies the “Maximum Extent Practicable” standard. Ensure that the burden does not increase for local governments to compensate for delayed issuance of stormwater permits. Support flexibility for generating local funding for stormwater management and ensure that reporting requirements are reasonable.

Support Climate Resiliency Initiatives

Support funding for technical support including robust climate change analysis, adaptation and resiliency planning, and local implementation.

Ensure Local Government Input

Ensure that local governments are given opportunities to provide timely and meaningful input on management decisions about the Chesapeake Bay and local water quality.

Support Affordability and Regulatory Flexibility

Support cost-effective approaches for scheduling and financing water quality programs, including efforts for streamlining and prioritizing permits.

Support Water Security

Support water quality and drinking water security and resiliency research, planning, and programmatic support.

CLIMATE AND ENERGY INNOVATION AND AIR QUALITY PROTECTION

Support Energy Innovation

Encourage investment in energy-sector innovation by utilities and private companies to increase energy efficiency performance and renewable energy deployment. Support regulatory and policy changes to improve transparency and access to data and enable business model innovation. Examples include new energy generating or monitoring technology, alternative financing mechanisms, and performance-based utility compensation. Work with other sectors, such as water and wastewater utilities, to support use of energy efficient technologies and recognize cross-cutting benefits.



Credit: Mr. Tim DC, Flickr

Deploy Clean, Distributed Energy Generation Technology

Support policies that encourage deployment of clean, distributed energy generation technologies and infrastructure. Examples include stronger renewable portfolio standards, less restrictive net energy metering caps, improvement of the effectiveness of renewable energy credit (REC) trading markets, and support for low and zero-emission vehicles and infrastructure.

Expand Clean Energy Finance

Expand options for and improve access to clean energy finance at the state and local levels through measures such as Green Banks, on-bill financing, Energy Savings Performance Contracts, and credit enhancement mechanisms. Establish or enable sustainable clean energy incentive programs, and remove barriers to third-party ownership models.

Improve Grid Resilience

Prioritize funding for energy-sector infrastructure to improve grid resilience and reliability. Support policies and funding for energy security improvements such as microgrids, district energy systems, and storage technology, especially when coupled with clean energy generation. Support community-based efforts and public-private partnerships to improve climate and energy resilience at the local level.

Further Improve Air Quality

Support policies and funding to strengthen the region's ability to meet current and future air quality standards for pollutants including ozone, particulate matter, and carbon dioxide. The region has made significant progress in reducing pollution—in 2015 it met the 2008 ground-level ozone NAAQS and recorded a third straight summer with No Code Red unhealthy air days—but more stringent ozone standards are now in effect that will take additional work to meet and further protect public health.

Ensure Local Government Input

Ensure that local governments are recognized as partners and are given opportunities to provide timely and meaningful input on development of state plans implementing the Clean Power Plan and updates to state energy plans.

WORKFORCE DEVELOPMENT AND HUMAN SERVICES

Align Education and Job Creation

Encourage the executive and legislative branches to support legislation and programs that fund local job development, career and technical education, and overall more closely align education and job creation.



Credit: Chris Hsia, Flickr

Support Workforce Development at the Local Level

Support federal legislation and the Skills for America's Future initiative to focus on workforce development and job creation at the local level, and efforts to develop industry standard credentialing and skills programs for sectors experiencing job growth in the COG region.

Support Local Governments and Activity Centers

Work with local governments to support sound land use planning that focuses on employer retention and new job growth in the region's mixed use Activity Centers.

Increase Availability of and Access to Mental Health Services

Work with local, state, and federal partners to increase access to and availability of mental health services throughout the region to include psychiatric hospital beds, drug treatment programs, counseling, and other outpatient services; continued expansion of crisis intervention, mental health courts, and diversion programs where treatment is indicated rather than incarceration; and re-entry programs to reduce recidivism rates of mental health consumers.

STAFF CONTACT INFORMATION

Legislative Priorities: Monica Beyrouti, mbeyrouti@mwkog.org, (202) 962-3212

Transportation: Kanti Srikanth, ksrikanth@mwkog.org, (202) 962-3257

Climate, Water, and Energy: Stephen Walz, swalz@mwkog.org, (202) 962-3205

Workforce Development: Paul DesJardin, pdesjardin@mwkog.org, (202) 962-3293



Metropolitan Washington
Council of Governments

777 North Capitol Street NE, Suite 300
Washington, DC 20002

mwkog.org

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS
777 NORTH CAPITOL STREET, NE
WASHINGTON, DC 20002-4239**

RESOLUTION ADOPTING THE COG 2016 LEGISLATIVE PRIORITIES

WHEREAS, the Metropolitan Washington Council of Governments (COG) is comprised of the 22 jurisdictions of the National Capital Region's local governments and their governing officials, plus area members of the Maryland and Virginia legislatures and the U.S. Senate and House of Representatives, and COG provides a focus for action on issues of regional concern; and

WHEREAS, the draft 2016 Legislative Priorities have been reviewed by the individual policy committees and the 2016 Legislative Committee; and

WHEREAS, the COG Board has received and reviewed the draft 2016 Legislative Priorities; and

WHEREAS, the draft 2016 Legislative Priorities address the main issues the COG Board of Directors wants to communicate to state and federal officials as important concerns during the upcoming legislative session.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS THAT:

The Board adopts the 2016 Legislative Priorities and directs its Executive Director, or his designee, to distribute the priorities to the appropriate state and federal officials representing areas of the COG member jurisdictions.

AGENDA ITEM #13

OTHER BUSINESS

AGENDA ITEM #14

ADJOURN