

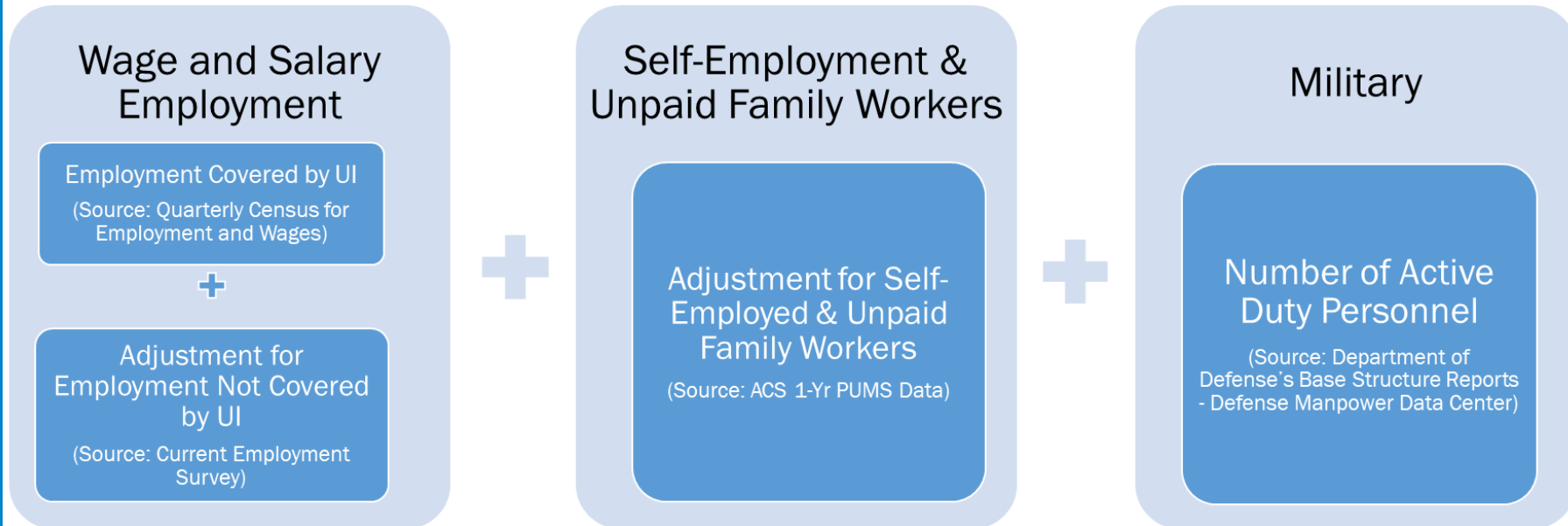
# MWCOG METHODOLOGY FOR A CONSISTENT EMPLOYMENT BASELINE

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Greg Goodwin  
COG Community Planning and Services

BMC Cooperative Forecasting Group  
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# COG's Approach



*Note: This approach is tailored for jurisdictions where estimates from the Bureau of Labor Statistics (BLS) Quarterly Census of Employment and Wages (QCEW) are available. While the QCEW is published for independent cities in Virginia, **this data is not available for cities in Maryland**. These jurisdictions should work with their surrounding county and use other existing resources to develop baseline employment estimates.*



# Wage and Salary Employment

Employment Covered by Unemployment Insurance / Quarterly Census of Employment and Wages (QCEW)

Jurisdiction	2018 (Thousands)
District of Columbia	771.31
Arlington County	178.17
Alexandria City	91.91
Montgomery County	471.43
Prince George's County	320.28
Fairfax County	612.45
City of Fairfax	19.72
City of Falls Church	12.45
Loudoun County	169.16
Prince William County	130.32
City of Manassas	22.30
City of Manassas Park	3.66
Charles County	41.36
Frederick County	102.09
<b>Region</b>	<b>2,946.60</b>

- A quarterly count of employment and wages of establishments which report to the UI programs of the United States
- ~95% of wage and salary civilian employment

# Wage and Salary Employment

## Employment Covered by Unemployment Insurance / Quarterly Census of Employment and Wages (QCEW)

Jurisdiction	CES State or Metro Area	2018 QCEW (Thousands)	2018 CES (Thousands)	2018 Adjustment factor
District of Columbia	District of Columbia	771.31	792.20	1.03
Montgomery, Frederick	43524 - Silver Spring-Frederick-Rockville, MD Metropolitan Division	573.52	596.40	1.04
Calvert, Charles, Prince George's	94781 - Calvert County, Charles County, Prince George's County	384.21	415.40	1.08
Arlington, Clarke, Fairfax, Fauquier, Loudoun, Prince William, Spotsylvania, Stafford, Warren, Alexandria City, Fairfax City, Falls Church City, Fredericksburg City, Manassas City, Manassas Park City, Jefferson County, WV	47894 - Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division minus sum (District of Columbia and 94781 - Calvert County, Charles County, Prince George's County)	1,400.17	1,498.00	1.07
<b>Region</b>		<b>3,098.1</b>	<b>3,274.1</b>	<b>1.06</b>

- Annual benchmark: (1) realign the sample-based employment totals with the unemployment insurance based counts, and (2) account for wage and salary civilian employment not covered by unemployment insurance
- Examples: employees of religious organizations, railroad workers...

# Self-Employment and Unpaid Family Workers

Adjustment for Self-Employed & Unpaid Family Workers / 2017 American Community Survey (ACS) 1-Yr PUMS Data

Jurisdiction	Wage and Salary Employment (Thousands)	Self-Employed Not Incorporated & Unpaid Family (Thousands)	Total Workers (Thousands)	Self-Employment Factor
District of Columbia	820.94	26.19	847.13	1.03
Arlington County	196.79	7.97	204.75	1.04
City of Alexandria	91.61	5.05	96.66	1.06
Montgomery County	496.61	34.79	531.4	1.07
Prince George's County	344.52	18.37	362.89	1.05
Fairfax County / City of Fairfax / City of Falls Church	664.71	31.19	695.90	1.05
Loudoun County	176.20	8.92	185.12	1.05
Prince William County/ City of Manassas / City of Manassas Park	173.82	10.11	183.93	1.06
Charles County	44.41	3.35	47.76	1.08
Frederick County	106.10	5.32	111.42	1.05
<b>Region</b>	<b>3,115.71</b>	<b>151.26</b>	<b>3,266.97</b>	<b>1.05</b>

- ACS provides data on the class of worker including wage and salary, self-employed not incorporated, and unpaid family worker.

# Military

## Number of Active Duty Personnel / Department of Defense's Base Structure Reports – Defense Manpower Data Center

Jurisdiction	2017 (thousands)	2018 (thousands)
District of Columbia	9.95	9.93
Arlington County	8.57	12.13
City of Alexandria	0.01	0.02
Montgomery County	4.25	4.29
Prince George's County	5.61	5.68
Fairfax County	4.32	6.12
City of Fairfax	0.00	0.00
City of Falls Church	0.00	0.00
Loudoun County	0.00	0.00
Prince William County	4.94	6.99
City of Manassas	0.00	0.00
City of Manassas Park	0.00	0.00
Charles County	0.73	0.74
Frederick County	0.94	0.95
<b>Region</b>	<b>39.32</b>	<b>46.85</b>

Source: COG, DOD Base Structure Report



# 2018 Total Employment

Jurisdiction	QCEW (Thousands)	CES Adjustment Factor	Self-Employment Adjustment Factor	Military Employment (Thousands)	Baseline Employment (Thousands)
District of Columbia	771.31	1.03	1.03	9.93	827.40
Arlington County	178.17	1.07	1.04	12.13	210.47
City of Alexandria	91.91	1.07	1.06	0.02	103.78
Montgomery County	471.43	1.04	1.07	4.29	528.87
Prince George's County	320.28	1.08	1.05	5.68	370.42
Fairfax County	612.45	1.07	1.05	6.12	692.10
City of Fairfax	19.72	1.07	1.05	0	22.09
City of Falls Church	12.44	1.07	1.05	0	13.94
Loudoun County	169.16	1.07	1.05	0	189.47
Prince William County	130.32	1.07	1.06	6.99	152.96
City of Manassas	22.30	1.07	1.06	0	24.98
City of Manassas Park	3.67	1.07	1.06	0	4.10
Charles County	41.36	1.08	1.08	.74	47.72
Frederick County	102.09	1.04	1.05	0.95	113.29
<b>Region</b>	<b>2,946.60</b>	<b>1.06</b>	<b>1.05</b>	<b>46.85</b>	<b>3,301.58</b>

# Suggested Baseline Employment Estimates

Estimates reflecting QCEW, CES, ACS, and Military employment

Jurisdiction	2010	2015	2016	2017	2018
District of Columbia	756.02	802.93	815.00	819.48	827.40
Arlington County	184.12	197.23	200.60	204.93	210.47
Alexandria City	105.63	106.75	104.84	105.72	103.78
Montgomery County	495.77	515.84	512.92	525.61	528.87
Prince George's County	345.41	351.17	361.35	369.52	370.42
Fairfax County	636.60	651.31	670.59	677.45	692.10
City of Fairfax	21.83	21.58	21.51	21.47	22.09
City of Falls Church	13.61	12.73	13.09	13.53	13.94
Loudoun County	145.32	170.45	178.75	184.02	189.47
Prince William County	120.33	142.67	148.88	147.97	152.96
City of Manassas	26.07	25.11	25.31	25.01	24.98
City of Manassas Park	3.10	3.29	3.67	3.92	4.10
Charles County	45.31	49.00	49.28	48.15	47.72
Frederick County	102.33	107.70	109.35	111.49	113.29
<b>Region</b>	<b>3,001.43</b>	<b>3,157.77</b>	<b>3,215.16</b>	<b>3,258.26</b>	<b>3,301.58</b>





# Questions?

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## Greg Goodwin

Regional Planner, Community Planning and Services

(202) 962-3274

Telework Number: (301) 792-5389

[ggoodwin@mwkog.org](mailto:ggoodwin@mwkog.org)

[mwkog.org](http://mwkog.org)

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777 North Capitol Street NE, Suite 300

Washington, DC 20002



Metropolitan Washington  
Council of Governments