

# *UPDATE TO THE EMPLOYMENT BASELINE GUIDANCE MEMO*

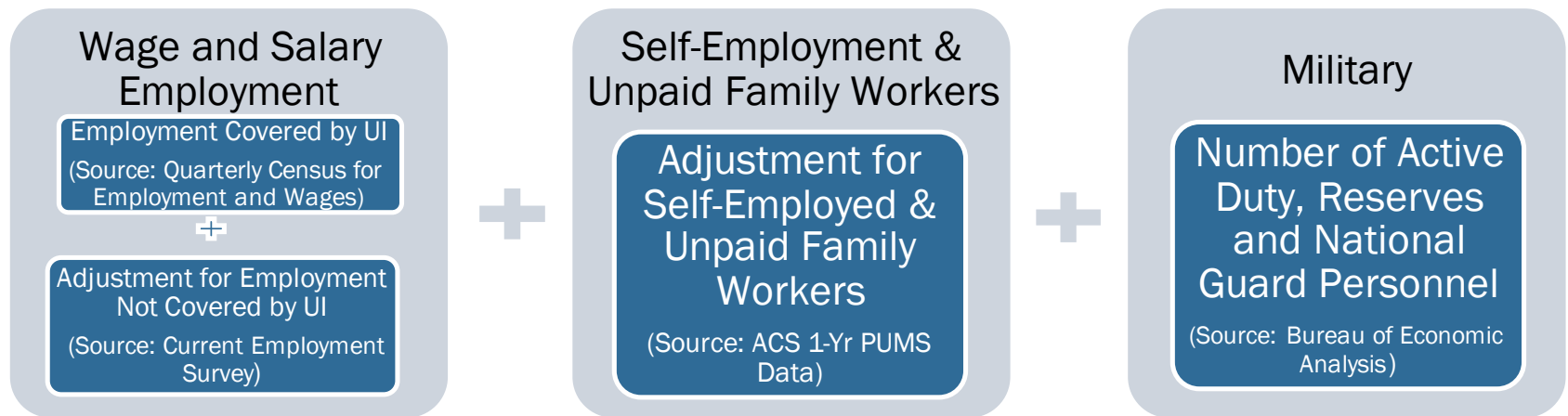
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## **Consistent Employment Baseline**

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Cooperative Forecasting and Data Subcommittee  
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# Suggested 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	2022 (Thousands)
District of Columbia	748.74
Arlington County	174.38
Alexandria City	84.60
Montgomery County	453.27
Prince George's County	311.39
Fairfax County	620.69
City of Fairfax	21.75
City of Falls Church	11.55
Loudoun County	180.63
Prince William County	133.87
City of Manassas	23.90
City of Manassas Park	4.41
Charles County	40.39
Frederick County	102.28
<b>Region</b>	<b>2,911.85</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 Not Covered by Unemployment Insurance / Current Employment Statistics (CES) - Adjustment Factor

Jurisdiction	CES State or Metro Area	2022 QCEW (Thousands)	2022 CES (Thousands)	2022 Adjustment factor
District of Columbia	District of Columbia	748.74	764.40	1.02
Montgomery, Frederick	43524-Silver Spring-Frederick-Rockville, MD Metropolitan Division	555.55	590.80	1.06
Calvert, Charles, Prince George's	94781-Calvert County, Charles County, Prince George's County	373.29	407.70	1.09
Arlington, Clarke, Fairfax, Fauquier, Loudoun, Prince William, Spotsylvania, Stafford, Warren, City of Alexandria, City of Fairfax, City of Falls Church, City of Fredericksburg, City of Manassas, City of Manassas Park, Jefferson County, WV	47894-Washington-Arlington-Alexandria, DC-VA-MD-WV Metropolitan Division <b>minus sum</b> (District of Columbia <b>and</b> 94781-Calvert County, Charles County, Prince George's County)	1,417.38	1,544.70	1.09
<b>Region</b>		<b>3,094.96</b>	<b>3,307.6</b>	<b>1.07</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 / 2022 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	656.05	28.27	684.32	1.04
Arlington County	172.31	6.77	179.07	1.04
City of Alexandria	102.04	5.88	107.93	1.06
Montgomery County	510.73	36.85	547.58	1.07
Prince George's County	358.84	23.14	381.98	1.06
Fairfax County / City of Fairfax / City of Falls Church	675.37	37.09	712.46	1.05
Loudoun County	224.43	13.03	237.45	1.06
Prince William County / City of Manassas / City of Manassas Park	201.89	10.11	211.90	1.05
Charles County	54.57	3.88	58.45	1.07
Frederick County	125.15	7.07	132.23	1.06
<b>Region</b>	<b>3,081.37</b>	<b>171.99</b>	<b>3,253.36</b>	<b>1.06</b>

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

# Military Employment – Current Memo

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Active-Duty Personnel counted as Military Employment in previous Baseline Employment Estimates memos

Active-Duty Personnel refers to military members who currently serving on full-time status in their military capacity.

(~1.2 million active-duty military members in the United States and ~41,000 in the COG Region in 2021)



# Military Employment – Suggested Change

Active-Duty Personnel refers to military members who currently serving on full-time status in their military capacity.



Regular Reserve and National Guard remain available to address unforeseen situations or exploit sudden opportunities. Not considered full time employment.

Number of members – Unknown  
(Maybe ~10,000 – 20,000 in the COG Region)

BEA Military - Active-Duty Personnel, Reserves, and National Guard (CAEMP25N)

- Time series – 2001 – 2022
- Includes all counties/cities in Virginia\*, Maryland (all counties and Baltimore) and the District of Columbia

\*Fairfax County/Fairfax City/Falls Church Combined

\*Prince William County/Manassas/Manassas Park Combined



# Military Employment – Differences

Jurisdiction	2021 BEA Source	2021 COG/Local Input	Absolute Difference	Percentage Difference
	Includes Active Duty, Reserve, and National Guard (In Thousands)	Includes Active Duty Only (In Thousands)		
District of Columbia	14.34	10.93	3.41	23.8%
Arlington County	9.33	9.92	-0.58	-6.2%
City of Alexandria	0.51	0.00	0.51	100.0%
Montgomery County	8.21	4.29	3.92	47.7%
Prince George's County	7.80	6.10	1.70	21.8%
Fairfax County	10.67	4.47	6.20	58.1%
City of Fairfax	0.00	0.00	0.00	0.0%
City of Falls Church	0.00	0.00	0.00	0.0%
Loudoun County	1.32	0.00	1.32	100.0%
Prince William County	9.43	3.23	6.19	65.7%
City of Manassas	0.00	0.00	0.00	0.0%
City of Manassas Park	0.00	0.00	0.00	0.0%
Charles County	1.15	0.62	0.53	46.3%
Frederick County	2.20	0.95	1.25	56.8%
<b>COG/TPB Planning Area</b>	<b>64.96</b>	<b>40.51</b>	<b>24.45</b>	<b>37.6%</b>





# Military

## Number of Active-Duty Personnel, Reserves and National Guard Personnel – Bureau of Economic Analysis

Jurisdiction	2020 (Thousands)	2021 (Thousands)	2022 (Thousands)
District of Columbia	14.04	14.34	14.25
Arlington County	9.43	9.33	9.25
City of Alexandria	0.52	0.51	0.49
Montgomery County	8.20	8.21	7.99
Prince George's County	7.62	7.80	7.73
Fairfax County	10.84	10.67	10.26
City of Fairfax	0.00	0.00	0.00
City of Falls Church	0.00	0.00	0.00
Loudoun County	1.30	1.32	1.31
Prince William County	9.51	9.43	9.46
City of Manassas	0.00	0.00	0.00
City of Manassas Park	0.00	0.00	0.00
Charles County	1.13	1.15	1.12
Frederick County	2.16	2.20	2.09
<b>Region</b>	<b>64.75</b>	<b>64.96</b>	<b>63.94</b>

Source: Bureau of Economic Analysis



# 2022 Total Employment

Jurisdiction	QCEW (Thousands)	CES Adjustment Factor	Self-Employment Adjustment Factor	Military Employment (Thousands)	Baseline Employment (Thousands)
District of Columbia	748.74	1.02	1.04	14.25	805.09
Arlington County	174.38	1.09	1.04	9.25	204.97
City of Alexandria	84.60	1.09	1.06	0.49	96.36
Montgomery County	453.27	1.06	1.07	7.99	522.17
Prince George's County	311.39	1.09	1.06	7.73	368.08
Fairfax County	620.69	1.09	1.05	10.26	723.60
City of Fairfax	21.75	1.09	1.05	0.00	25.0
City of Falls Church	11.55	1.09	1.05	0.00	13.15
Loudoun County	180.63	1.09	1.06	1.31	210.16
Prince William County	133.87	1.09	1.05	9.46	165.55
City of Manassas	23.90	1.09	1.05	0.00	27.87
City of Manassas Park	4.41	1.09	1.05	0.00	5.14
Charles County	40.39	1.09	1.07	1.12	48.00
Frederick County	102.28	1.06	1.06	2.09	117.86
<b>Region</b>	<b>2,911.85</b>	<b>1.07</b>	<b>1.06</b>	<b>63.94</b>	<b>3,332.99</b>

# Suggested Baseline Employment Estimates

Jurisdiction	2010	2015	2018	2019	2020	2021	2022
District of Columbia	756.76	808.32	834.34	838.84	783.57	777.04	805.09
Arlington County	187.13	195.43	205.60	211.05	203.57	202.30	204.97
City of Alexandria	109.31	108.16	103.06	102.14	94.83	95.62	96.36
Montgomery County	497.82	518.54	531.12	534.03	497.86	509.27	522.17
Prince George's County	345.61	354.01	375.17	376.89	348.82	359.22	368.08
Fairfax County	637.73	657.83	703.00	716.33	685.11	707.30	723.60
City of Fairfax	21.83	21.59	22.28	22.28	20.54	21.64	25.00
City of Falls Church	13.61	12.74	13.91	13.72	12.19	12.88	13.15
Loudoun County	146.40	171.67	193.49	201.38	190.67	200.39	210.16
Prince William County	121.01	143.95	158.61	162.95	154.34	160.83	165.55
City of Manassas	26.08	25.12	25.57	26.68	25.91	27.00	27.87
City of Manassas Park	3.10	3.29	4.19	4.30	4.32	4.63	5.14
Charles County	46.31	49.30	48.73	48.86	45.64	47.07	48.00
Frederick County	102.78	108.62	116.39	118.89	110.04	113.82	117.86
<b>Region</b>	<b>3,015.47</b>	<b>3,178.57</b>	<b>3,335.45</b>	<b>3,378.34</b>	<b>3,177.42</b>	<b>3,238.99</b>	<b>3,332.99</b>

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