



# Anne Arundel County Commuter Inflow/Outflow Report

April 14, 2025

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## Executive Summary

In November of 2024, the U.S. Census Bureau's Local Employment Dynamics (LED) Partnership released the 2022 employment data from the Longitudinal Employer-Household Dynamics (LEHD) program. This data consists of statistics on employment, earnings, and job flows for many levels of geography, demographics, and industry. The data is collected from various sources including Unemployment Insurance (UI), Bureau of Labor Statistics (BLS) Quarterly Census of Employment and Wages (QCEW), and Office of Personnel Management (OPM) records. Of note, the OPM data excludes civilian employees of the Department of Defense and the Armed Forces, as well as some other federal employment jobs. The data only includes information that meets the U.S. Census Bureau's publication standards.

The LEHD data is made publicly available through the U.S. Census Bureau webtool "On The Map" [[OnTheMap \(census.gov\)](https://onthemap.census.gov)]. This tool allows users to access and map the data points and provides detailed reports of the data. For this report, the selected geography was Anne Arundel County. The data was further filtered to include only primary jobs (excluding part-time jobs) in both the government and private sector.

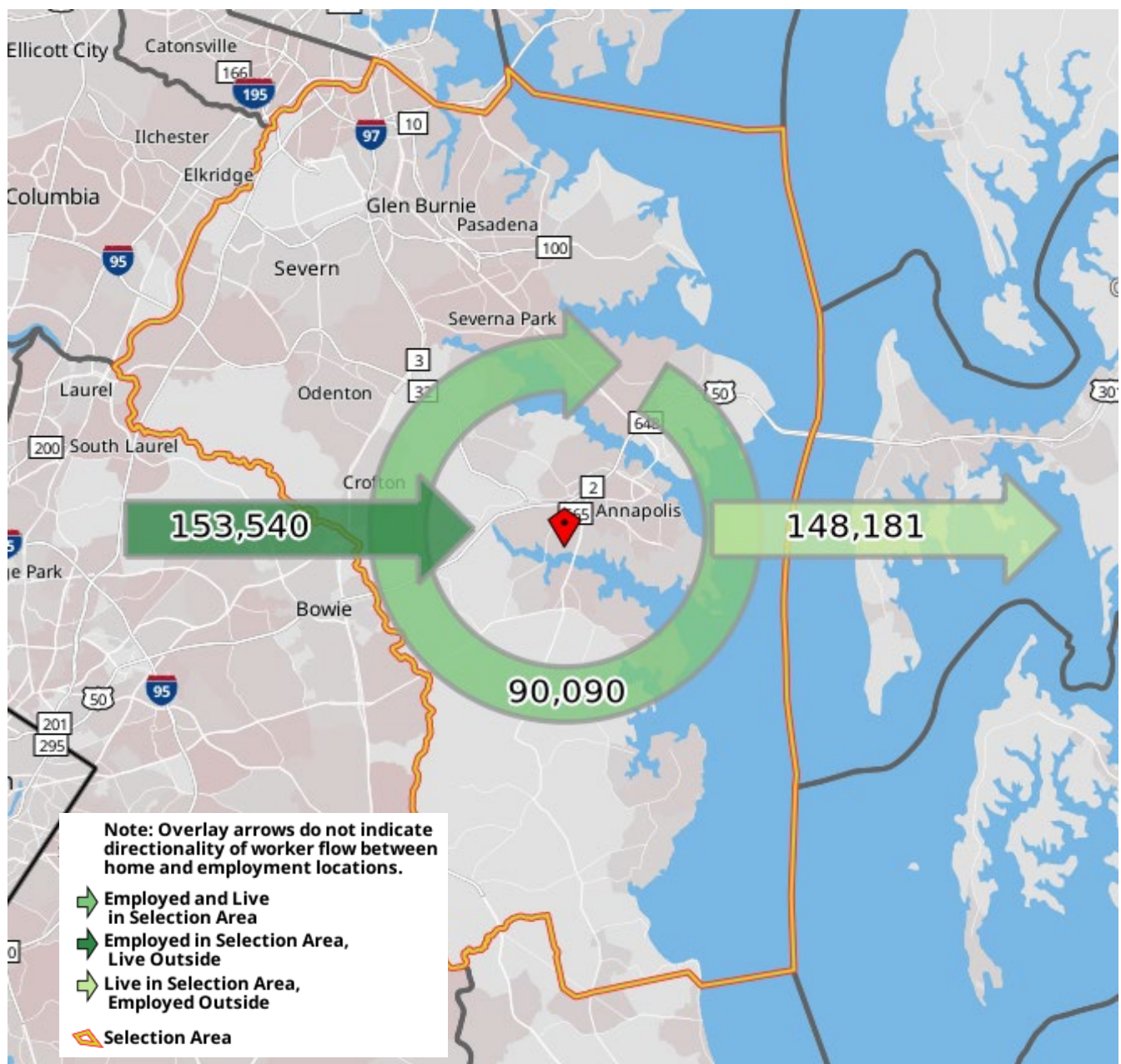
Below are some of the key findings:

- An almost equal number of workers commute into (63%) Anne Arundel County as out (62.2%) of for employment. Those that both live and work in Anne Arundel County account for 37% of workers.
- Of the 243,630 primary jobs included and located in Anne Arundel County, 7.8% are filled by workers commuting from Baltimore City, 5% from workers living in Glen Burnie, and 3% from workers living in the City of Annapolis.
- The top four cities/places Anne Arundel County residents commute to for employment are Baltimore City (10.1%), Parole (6.2%), Washington D.C. (5.6%), and the City of Annapolis (4.8%).

Of note, more than 64,000 workers are employed at Fort Meade by the military and Department of Defense civilian government agencies/organizations. Most of them are not included in the U.S. Census Bureau's LEHD datasets due to national security concerns. Additionally, many workers that commute to sensitive government sites in Washington D.C. are not included in these datasets.

## Commuter Inflow/Outflow for Anne Arundel County in 2022

Anne Arundel County, Maryland is a suburban county within the Baltimore-Columbia-Towson Metropolitan Statistical Area (MSA) but located near Washington D.C. as well. According to the U.S. Census Bureau's "On The Map" data on commuter inflows and outflows, almost as many Anne Arundel County residents commute to work outside of the county (62.2%) as do residents from other counties commuting to work in Anne Arundel County (63%). Approximately thirty-seven percent of Anne Arundel County residents both live in the county and work in the county in primary jobs (defined as the highest paying job for an individual worker for the year; the primary jobs count is the same as the count of workers).



**Anne Arundel County Labor Market Size (Primary Jobs)**

|                                   | <b>2022</b>  |              |
|-----------------------------------|--------------|--------------|
|                                   | <b>Count</b> | <b>Share</b> |
| Employed in the Selection Area    | 243,630      | 100.0%       |
| Living in the Selection Area      | 238,271      | 97.8%        |
| Net Job Inflow (+) or Outflow (-) | 5,359        | -            |

**In-Area Labor Force Efficiency (Primary Jobs)**

|   | <b>2022</b>  |              |
|---|--------------|--------------|
|   | <b>Count</b> | <b>Share</b> |
| Living in the Selection Area                      | 238,271      | 100.0%       |
| Living and Employed in the Selection Area         | 90,090       | 37.8%        |
| Living in the Selection Area but Employed Outside | 148,181      | 62.2%        |

**In-Area Employment Efficiency (Primary Jobs)**

|   | <b>2022</b>  |              |
|---|--------------|--------------|
|   | <b>Count</b> | <b>Share</b> |
| Employed in the Selection Area                    | 243,630      | 100.0%       |
| Employed and Living in the Selection Area         | 90,090       | 37.0%        |
| Employed in the Selection Area but Living Outside | 153,540      | 63.0%        |

**Outflow Job Characteristics (Primary Jobs)**

|  | <b>2022</b>  |              |
|--|--------------|--------------|
|  | <b>Count</b> | <b>Share</b> |
| External Jobs Filled by Residents                                    | 148,181      | 100.0%       |
| Workers Aged 29 or younger   | 27,177       | 18.3%        |
| Workers Aged 30 to 54  | 82,194       | 55.5%        |
| Workers Aged 55 or older   | 38,810       | 26.2%        |
| Workers Earning \$1,250 per month or less                            | 14,184       | 9.6%         |
| Workers Earning \$1,251 to \$3,333 per month                         | 26,083       | 17.6%        |
| Workers Earning More than \$3,333 per month                          | 107,914      | 72.8%        |
| Workers in the "Goods Producing" Industry Class                      | 16,767       | 11.3%        |
| Workers in the "Trade, Transportation, and Utilities" Industry Class | 28,240       | 19.1%        |
| Workers in the "All Other Services" Industry Class                   | 103,174      | 69.6%        |

**Inflow Job Characteristics (Primary Jobs)**

|  | <b>2022</b>  |              |
|--|--------------|--------------|
|  | <b>Count</b> | <b>Share</b> |
| Internal Jobs Filled by Outside Workers      | 153,540      | 100.0%       |
| Workers Aged 29 or younger                   | 34,633       | 22.6%        |
| Workers Aged 30 to 54                        | 80,747       | 52.6%        |
| Workers Aged 55 or older                     | 38,160       | 24.9%        |
| Workers Earning \$1,250 per month or less    | 18,632       | 12.1%        |
| Workers Earning \$1,251 to \$3,333 per month | 35,670       | 23.2%        |
| Workers Earning More than \$3,333 per month  | 99,238       | 64.6%        |

|  |        |       |
|--|--------|-------|
| Workers in the “Goods Producing” Industry Class                      | 22,380 | 14.6% |
| Workers in the “Trade, Transportation, and Utilities” Industry Class | 37,326 | 24.3% |
| Workers in the “All Other Services” Industry Class                   | 93,834 | 61.1% |

### Interior Flow Job Characteristics (Primary Jobs)

|  | 2022   |        |
|--|--------|--------|
|  | Count  | Share  |
| Internal Jobs Filled by Residents                                    | 90,090 | 100.0% |
| Workers Aged 29 or younger   | 20,901 | 23.2%  |
| Workers Aged 30 to 54  | 44,611 | 49.5%  |
| Workers Aged 55 or older   | 24,578 | 27.3%  |
| Workers Earning \$1,250 per month or less                            | 13,586 | 15.1%  |
| Workers Earning \$1,251 to \$3,333 per month                         | 22,642 | 25.1%  |
| Workers Earning More than \$3,333 per month                          | 53,862 | 59.8%  |
| Workers in the “Goods Producing” Industry Class                      | 12,164 | 13.5%  |
| Workers in the “Trade, Transportation, and Utilities” Industry Class | 16,524 | 18.3%  |
| Workers in the “All Other Services” Industry Class                   | 61,402 | 68.2%  |

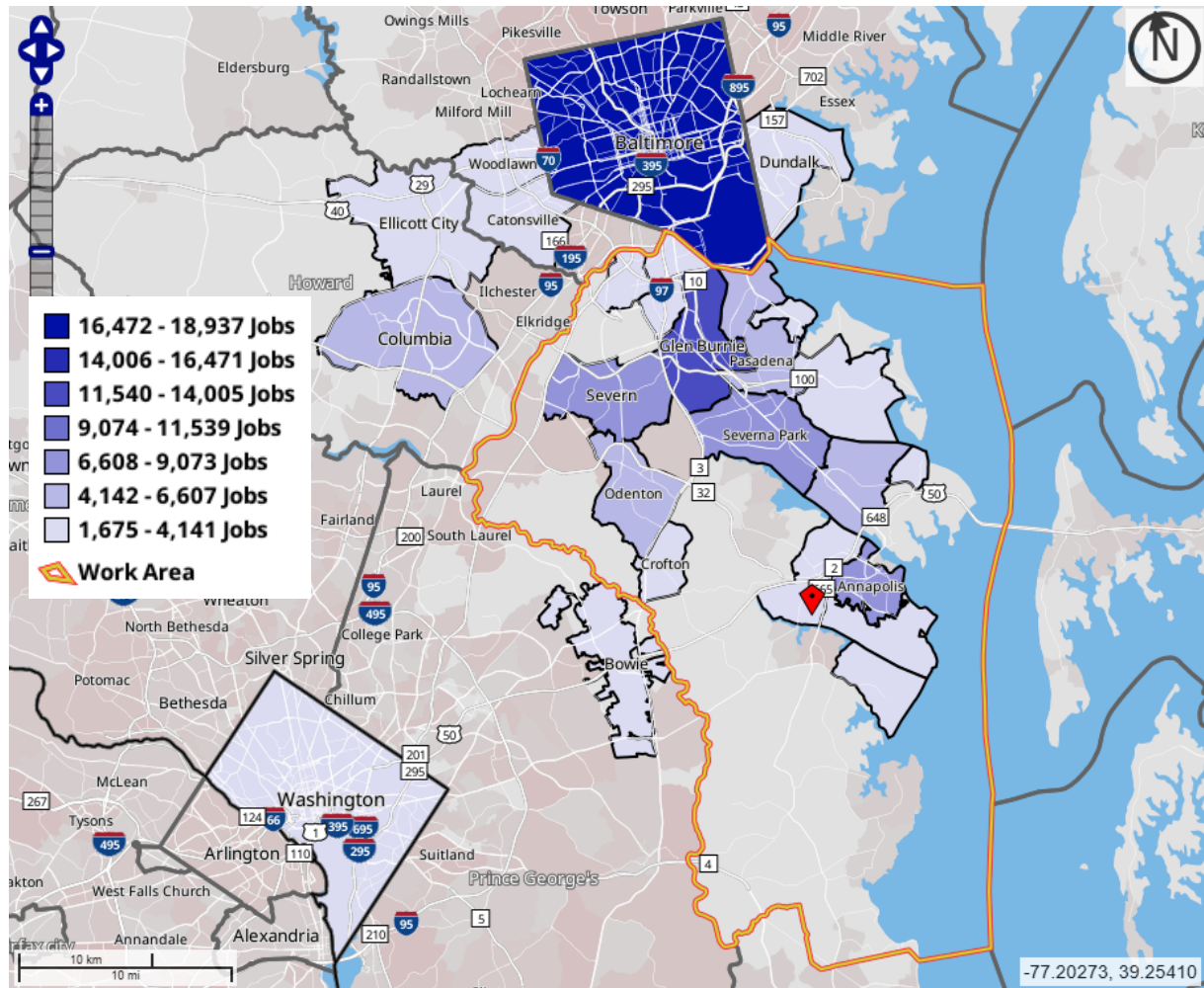
Source: U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2022).

## Home Destination Report - Where Workers Live Who are Employed in Anne Arundel County

- by Places (Cities, CDPs, etc.)

Examining where workers that work in Anne Arundel County are commuting from (by county) shows us that 37% commute from within Anne Arundel County, 12.3% from Baltimore County, 8.5% from Prince George’s County, 7.8% from Baltimore City, 6.2% from Howard County, and 5% from Montgomery County. The other 23.3% commute from other counties that each make up 2.5% or less of commuters. Below is a breakdown showing the top 25 places (city or Census Designated Place) workers in Anne Arundel County commute from and their concentration on a map.





## Total Primary Jobs

|                    | 2022    |        |
|--------------------|---------|--------|
|                    | Count   | Share  |
| Total Primary Jobs | 243,630 | 100.0% |

## Job Counts by Top 25 Places (Cities, CDPs, etc.) Where Workers Live - Primary Jobs

|                     | 2022 ▼ |       |
|---------------------|--------|-------|
|                     | Count  | Share |
| Baltimore City, MD  | 18,937 | 7.8%  |
| Glen Burnie CDP, MD | 12,213 | 5.0%  |
| Annapolis, MD       | 7,312  | 3.0%  |
| Severn CDP, MD      | 6,998  | 2.9%  |

|                         |         |       |
|-------------------------|---------|-------|
| Severna Park CDP, MD    | 6,889   | 2.8%  |
| Pasadena CDP, MD        | 5,805   | 2.4%  |
| Odenton CDP, MD         | 5,147   | 2.1%  |
| Arnold CDP, MD          | 4,850   | 2.0%  |
| Columbia CDP, MD        | 4,727   | 1.9%  |
| Lake Shore CDP, MD      | 3,797   | 1.6%  |
| Crofton CDP, MD         | 3,710   | 1.5%  |
| Ellicott City CDP, MD   | 3,223   | 1.3%  |
| Bowie, MD               | 3,072   | 1.3%  |
| Parole CDP, MD          | 2,854   | 1.2%  |
| Dundalk CDP, MD         | 2,713   | 1.1%  |
| Ferndale CDP, MD        | 2,582   | 1.1%  |
| Brooklyn Park CDP, MD   | 2,227   | 0.9%  |
| Riviera Beach CDP, MD   | 2,196   | 0.9%  |
| Washington, DC          | 2,161   | 0.9%  |
| Catonsville CDP, MD     | 2,145   | 0.9%  |
| Annapolis Neck CDP, MD  | 1,949   | 0.8%  |
| Woodlawn CDP, MD        | 1,908   | 0.8%  |
| Cape St. Claire CDP, MD | 1,831   | 0.8%  |
| Linthicum CDP, MD       | 1,746   | 0.7%  |
| Mayo CDP, MD            | 1,675   | 0.7%  |
| All Other Locations     | 130,963 | 53.8% |

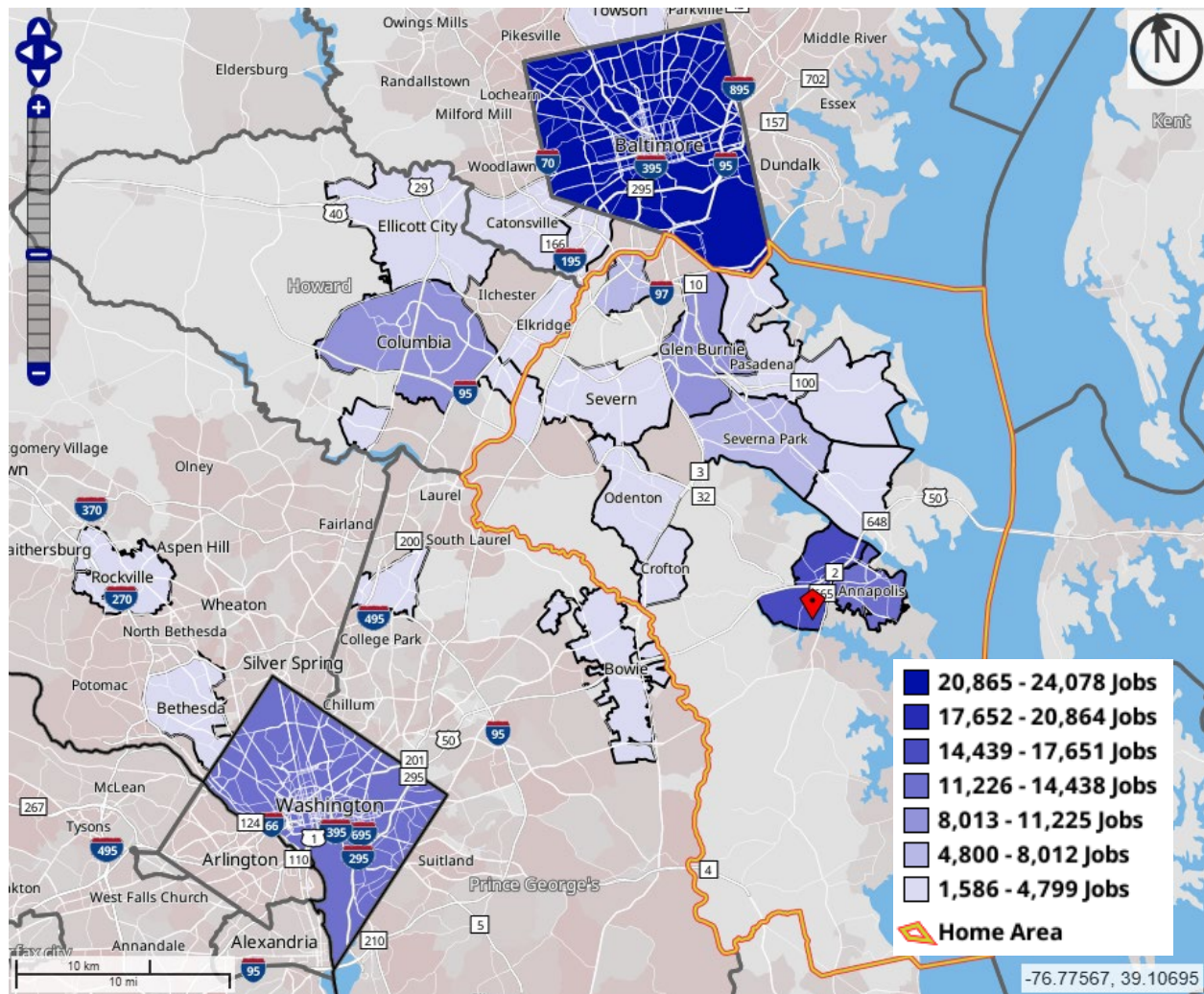
Source: U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2022).

## Work Destination Report - Where Workers are Employed Who Live in Anne Arundel County

- by Places (Cities, CDPs, etc.)

Looking at where Anne Arundel County residents commute to work outside of the county, the Census data shows 11.3% commute to Prince George's County, 10.1% to Baltimore City, 9.2% to Howard County, 8.3% to Baltimore County, 6.3% to Montgomery County, and 5.6% to Washington D.C. Other locations make up approx. 11% in aggregate. Below is a breakdown of the top 25 places (city or Census Designated Place) Anne Arundel County residents commute to and their concentration on a map.





## Total Primary Jobs

|                    | 2022    |        |
|--------------------|---------|--------|
|                    | Count   | Share  |
| Total Primary Jobs | 238,271 | 100.0% |

## Job Counts by Top 25 Places (Cities, CDPs, etc.) Where Workers are Employed - Primary Jobs

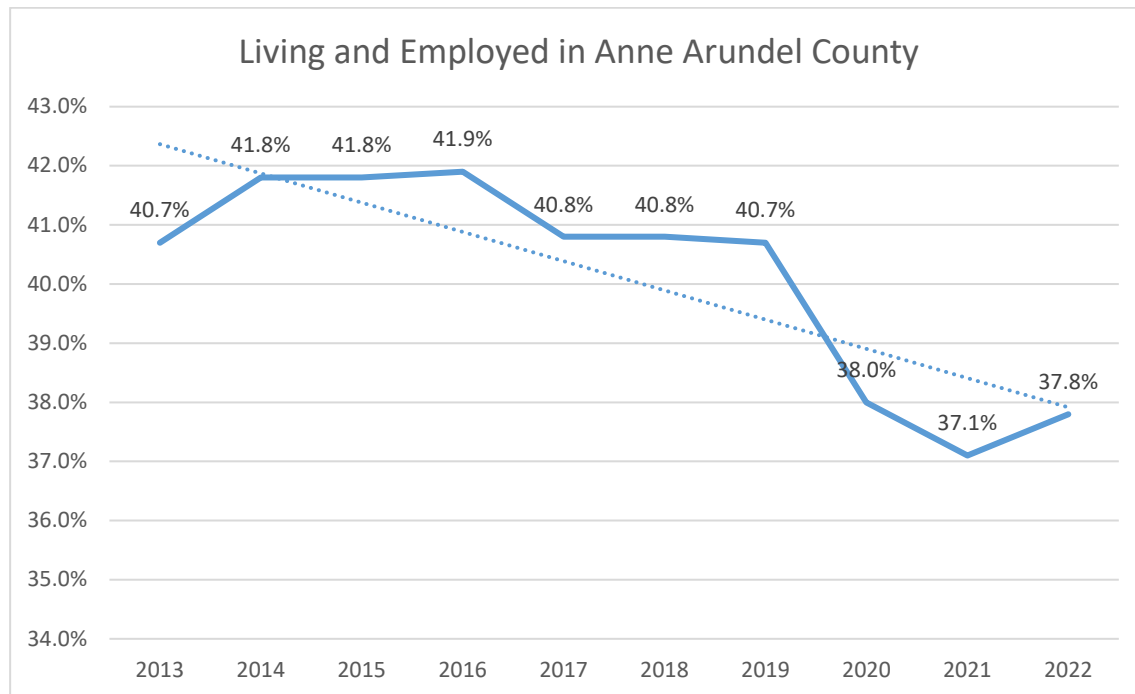
|                      | 2022   |       |
|----------------------|--------|-------|
|                      | Count  | Share |
| Baltimore City, MD   | 24,078 | 10.1% |
| Parole CDP, MD       | 14,802 | 6.2%  |
| Washington, DC       | 13,325 | 5.6%  |
| Annapolis, MD        | 11,525 | 4.8%  |
| Glen Burnie CDP, MD  | 9,727  | 4.1%  |
| Columbia CDP, MD     | 9,704  | 4.1%  |
| Linthicum CDP, MD    | 5,901  | 2.5%  |
| Severna Park CDP, MD | 5,495  | 2.3%  |
| Severn CDP, MD       | 4,407  | 1.8%  |

|                       |         |       |
|-----------------------|---------|-------|
| Odenton CDP, MD       | 3,721   | 1.6%  |
| Arnold CDP, MD        | 2,856   | 1.2%  |
| Pasadena CDP, MD      | 2,736   | 1.1%  |
| Elkridge CDP, MD      | 2,702   | 1.1%  |
| Bowie, MD             | 2,576   | 1.1%  |
| Jessup CDP, MD        | 2,562   | 1.1%  |
| Bethesda CDP, MD      | 2,475   | 1.0%  |
| Beltsville CDP, MD    | 2,267   | 1.0%  |
| Rockville, MD         | 2,000   | 0.8%  |
| Towson CDP, MD        | 1,931   | 0.8%  |
| Ellicott City CDP, MD | 1,895   | 0.8%  |
| Crofton CDP, MD       | 1,818   | 0.8%  |
| Lake Shore CDP, MD    | 1,729   | 0.7%  |
| Arbutus CDP, MD       | 1,613   | 0.7%  |
| Fulton CDP, MD        | 1,606   | 0.7%  |
| Catonsville CDP, MD   | 1,586   | 0.7%  |
| All Other Locations   | 103,234 | 43.3% |

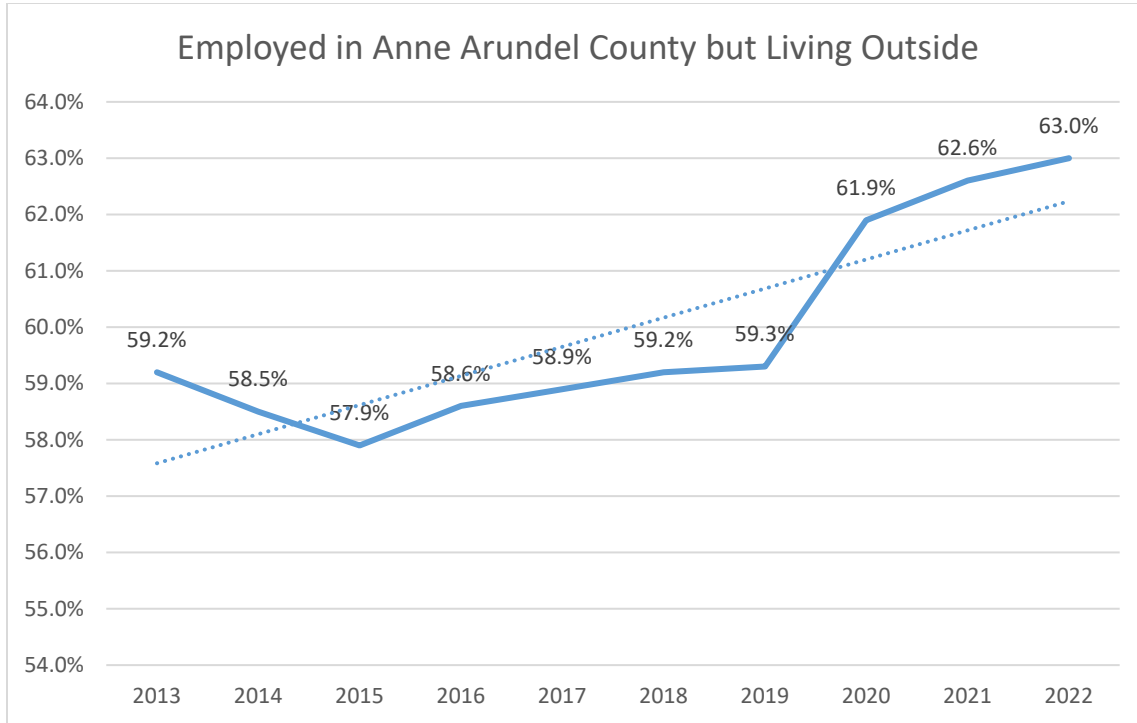
Source: U.S. Census Bureau, OnTheMap Application and LEHD Origin-Destination Employment Statistics (Beginning of Quarter Employment, 2nd Quarter of 2022).

## Trends

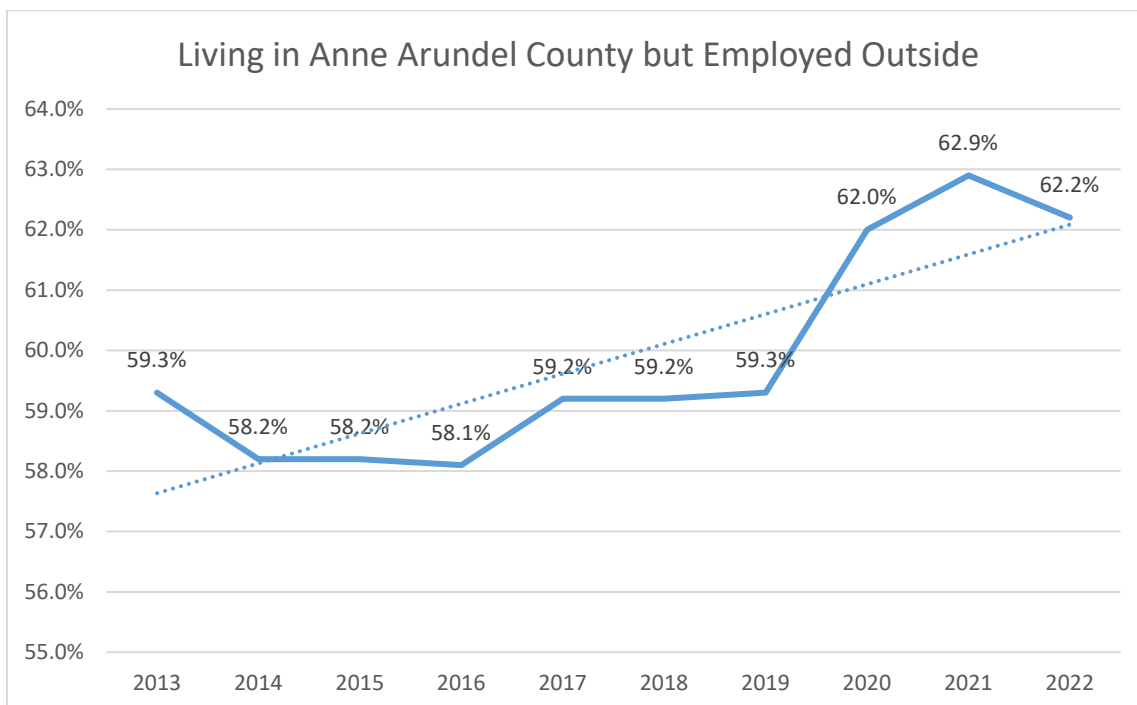
Through analysis of the ten years of data from 2013 to 2022, Anne Arundel County has seen the percentage of those workers that both live and work in Anne Arundel County trend downward, as illustrated in the chart below.



In contrast, from 2013 to 2022, Anne Arundel County saw the percentage of those that live outside the county but work in Anne Arundel County trend upward, as illustrated in the chart below.



Likewise, Anne Arundel County has seen the number of county residents that commute to work outside Anne Arundel County trend upward, as illustrated in the chart below.



## Conclusion

Anne Arundel County is as much a destination for those commuting to work from outside its borders as it is a place its residents commute to jobs outside the county from. Approximately 37% of Anne Arundel County residents both live and work within its borders. Ten-year trends indicate that the number of workers that both live and work in Anne Arundel County has moved downward while the number of workers commuting into and out of the county has risen.

The Anne Arundel Economic Development Corporation serves as a resource for data about the county, its companies, and its business environment.

For more information, please contact:

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Sincere efforts have been made to ensure the accuracy of the information contained in this report, but accuracy cannot be guaranteed.

All materials are available in alternative formats upon request.