



Gaithersburg
A CHARACTER COUNTS! CITY

Commuting Trends
For Primary Jobs
During 2011-2012

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Purpose and Executive Summary

The purpose of this study is to analyze commuting trends for primary jobs into and out of the City of Gaithersburg. As major transportation projects such as the Corridor Cities Transitway (CCT) and the MD 355 BRT system are being explored; expansion of MARC service debated; major road projects put on hold; and the connectivity to the Metro stressed, staff has explored the commuting trends to act as a resource to be used in debating whether these or other projects should be supported and will benefit the City's workers.

Using a variety of comparable data sources available from 2011 and 2012, the study includes what Districts the majority of the incoming workforce originates from, as well as providing information to what Districts City residents commute to for work. Charts and graphs have been included to illustrate the information discussed. The study is organized to review the commuting trends at the City-wide; the City east and west of I-270; and at the City's Census Tract levels. The study does not differentiate the commuters into various job sectors or specific places of employment and is not intended to be a tool to advocate for any specific mode of transportation or type of job.

The study analyzes commuting at the District level and does not pinpoint specific origination or destination points within said District. When Metrorail is discussed; it only defines that a station is sited within the District and may be a mode of commuting when in reality, it may not adequately serve or benefit a commuter in the District. MARC service was not specifically considered given that south of the City, MARC is a somewhat parallel mode to Metro and does not have contraflow service in the AM or PM peak.

Staff, upon review of the data, notes the following trends:

- According to the 2011 Longitudinal Employer-Household Dynamics (LEHD)¹ information, the City as a whole has a resident labor pool of 26,655 persons and an employment base of 35,490 jobs. Approximately 2,562 City residents live and work within the City, so there are a net of 24,093 residents who commute to work outside of the City and 32,928 jobs within the City that are filled by non-City residents commuting into the City.
- The majority of workers commuting into the City travel from the southeast, east, and northwest, and commute less than 10 miles. The majority of workers coming into the City originate from District 9 (Gaithersburg, Montgomery Village, Germantown), District 13 (Silver Spring, Wheaton, Aspen Hill), and District 6 (Germantown, North Potomac, Darnestown).
- The majority of City of Gaithersburg residents commute less than 10 miles to jobs located to the southeast, east, and south. The majority of the City residents commute to jobs in District 4 (Rockville, Twinbrook, White Flint), District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove), and Washington D.C.

¹ See Methodology Overview section for complete citation and more information about this source



Purpose and Executive Summary

- For commuting into the City east of I-270, workers commute from the southeast, east, and northwest, and commute less than 10 miles. The majority of the workers in this area of the City commute from District 9 (Gaithersburg, Montgomery Village, and Germantown), District 13 (Silver Spring, Wheaton, and Aspen Hill), and District 2 (Clarksburg and Germantown).
- The majority of City residents who live east of I-270 travel less than 10 miles to jobs located to the southeast, south, and the east. The majority of the workers in this area of the City commute to District 4 (Rockville, Twinbrook, White Flint), District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove), and Washington D.C.
- For commuting trends into areas of the City west of I-270, workers commute from the southeast, northwest, and east, and commute less than 10 miles. The majority of the workers in this area of the City commute from District 9 (Gaithersburg, Montgomery Village, and Germantown), District 6 (Germantown, North Potomac, and Darnestown), and District 13 (Silver Spring, Wheaton, and Aspen Hill).
- The majority of City residents who live west of I-270 travel less than 10 miles to jobs located to the southeast, east, and northeast. The majority of the workers in this area of the City commute to District 4 (Rockville, Twinbrook, White Flint), District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove), and Washington D.C.
- Commute trends at the tract level are often reflective of both the location within the City and the economic, residential and commercial composition of the tract. Those tracts with large regional employers such as Medimmune and Lockheed Martin show greater numbers of commuters travelling greater than 10 miles. Certain tracts are more likely to commute within District 9 whereas in others, the majority commutes to the southeast to District 4.

Staff, upon review of the study data notes that 21.7% of workers are commuting into the City from a direction (southeast) or District that could be served by Metrorail and by extension future Phase I CCT and MD 355 BRT, while 78.3% of workers are travelling from a direction or District that is not directly or conveniently served by Metrorail. For residents that live in the City of Gaithersburg and commute to work, 46.8% travel to the southeast and may benefit from enhanced Metrorail connectivity, but 53.2% residents travel in a direction that is not directly served by Metrorail. Staff notes that with the development of Spectrum, Parklands, and Crown not reflected in the data used in this study, it is assumed that the percentage travelling to the southeast has increased based upon the trends shown with the percentage split being closer to 50/50. However, staff cannot definitively state this.



Methodology Overview

This study examines commuter trends for primary jobs into and out of the City. Both the City as a whole and sub-areas of the City (Census tracts, east of I-270, west of I-270) were reviewed. Commuting trends were analyzed using three approaches: work trip origin and destination, mode of travel to work, and Metro system boardings by station. The three approaches were then synthesized to create a holistic view of the commuting trends of residents and workers within the City.

Work Trip Origin and Destination

The Census Bureau’s Longitudinal Employer-Household Dynamics (LEHD) is the primary source information for work trip origins and destinations and can be accessed using the OnTheMap web-based map application². The LEHD uses Census Blocks as the basis for locating workers’ jobs (destinations) and homes (origins), and reports the information at the Block level and higher (Block, Block Group, Tract, County Subdivision, Place, County, State, and Metropolitan Statistical Area).

Consistent with other data sources being analyzed, the LEHD information was limited to primary jobs and to employment during the year 2011. The LEHD information was collected for each Census tract to analyze four facets: where residents of the tract commute out to work, where workers traveling into the tract for their primary job are commuting from, the distance and direction travelled by residents commuting out of the tract, and the distance and direction travelled by workers commuting into the tract. All census tracts were analyzed using only the part/remainder of the tract that is located entirely within the City of Gaithersburg³. Thus, the residents are limited to those persons who live within the City limits and the incoming workers are limited to those persons who are working within the City limits.

In addition to summarizing the commuting trends for each tract, the LEHD employment information was collected for the City of Gaithersburg as a whole, grouped for all of the tracts east of Interstate 270, and grouped for all of the tracts west of Interstate 270. A more detailed analysis of the commuting trends was conducted for each of these three larger areas (City, east of I-270, west of I-270).

² <http://onthemap.ces.census.gov/>

³ This was achieved by using the “advanced selection” option in the LEHD On The Map application, where data for the City boundary and an individual Census tract can be “intersected” to include only that home and work (origin and destination Census block) information that falls within both the City and the tract. A complete guide to using advanced selection in LEHD On The Map can be found at <http://lehd.ces.census.gov/doc/help/onthemap/OnTheMapAdvancedSelectionUse.pdf>



Methodology Overview

Mode of Travel to Work

The 2010-2012 three-year American Community Survey (ACS) is the primary source information for the means (mode) of travel to work used by residents of a Census reporting area (tract, city, county, and similar). The ACS data was used to study the transportation mode (drive alone, public transit, walk, etc.) chosen to travel to work for residents both within the City and in Montgomery County as a whole. The ACS reports mode share (means of transportation to work) for residents of a Census geography (tract, city, county, etc.) in field B08006.

Relationship of LEHD Data to ACS Data

The LEHD information on in-coming workers compares well to the 2010-2012 ACS data, which shows that 9.4% of Montgomery County residents commute to work by Metrorail (subway or elevated), while 65.0% commute to work by driving alone in a car and 10.4% commute by carpool. For City residents commuting out, the ACS shows that 5.9% of residents commute by Metrorail (subway or elevated), while 65.9% commute by driving alone in a car and 13.1% commute by carpool.

Metro System Boardings by Station

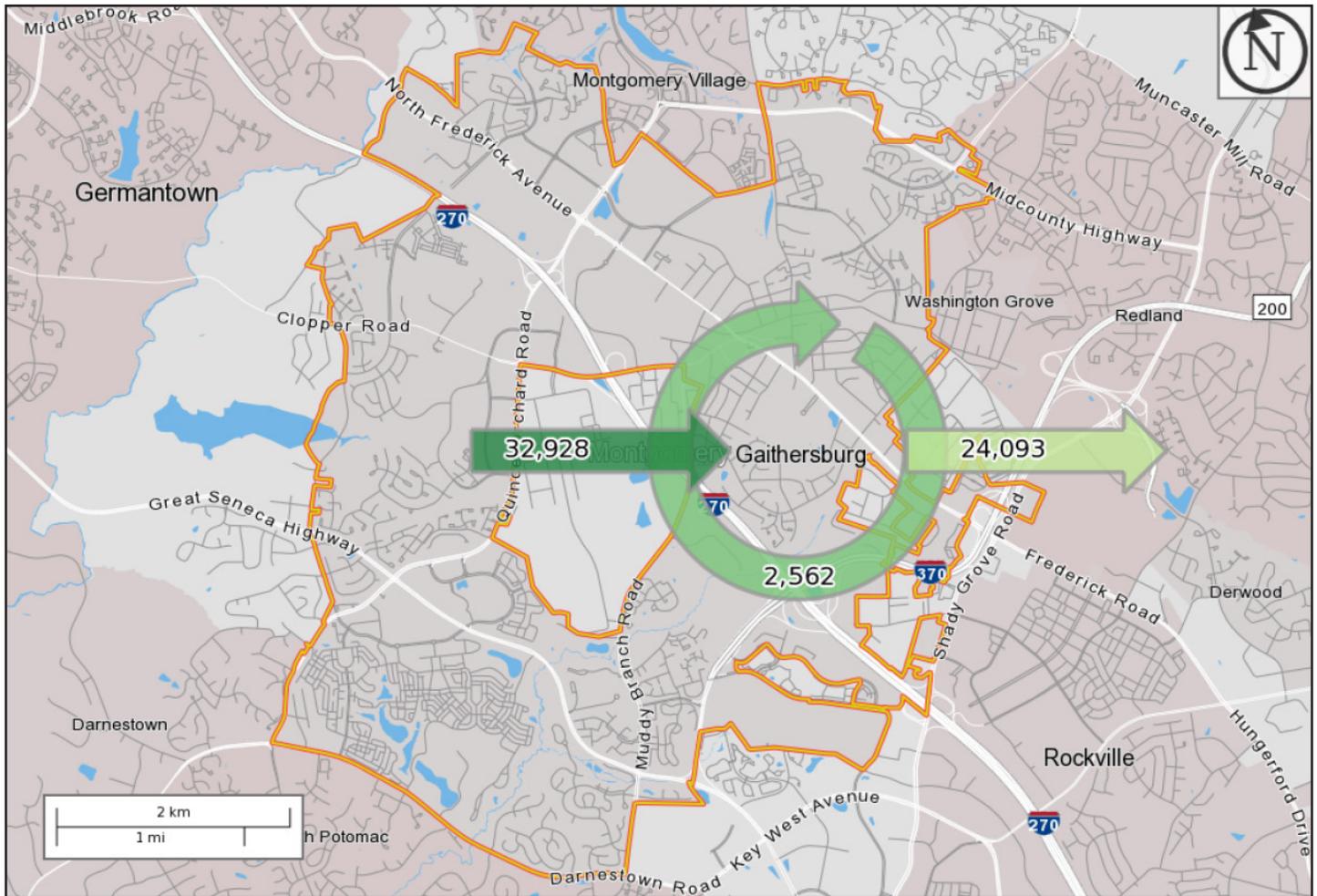
The Washington Metropolitan Area Transit Authority (WMATA) is the most comprehensive source of data on ridership and boardings for the Metro system. The City requested data from WMATA and received information for the month of May 2012 about average ridership and boardings/departures by station. Within the data, ridership is provided for each station-to-station possibility and is averaged across all weekdays for the entire month, excluding Memorial Day. For the purpose of this study, AM peak hours are defined as Metro system opening to 9:30 a.m. and PM peak hours are defined as 3:00 p.m. to 7:00 p.m. Time of use (AM peak and PM peak) is determined by the time a passenger entered the system.

The WMATA Metro system data was further summarized into two subsets of the Red Line stations: (1) average ridership entering Shady Grove Station during AM and PM peak hours and (2) average ridership exiting Shady Grove Station during AM and PM peak hours. The subset data was primarily analyzed for ridership entering and exiting stations served by the Metro's Red Line.



Study Area: City of Gaithersburg

To understand commuting trends for the City as a whole, the study examined trip origins and destinations for primary jobs both into and out of the City. According to the 2011 LEHD information, the City as a whole has a resident labor pool of 26,655 persons and an employment base of 35,490 jobs. Approximately 2,562 City residents live and work within the City, so there are a net of 24,093 residents who commute to work outside of the City and 32,928 jobs within the City that are filled by non-City residents commuting into the City.

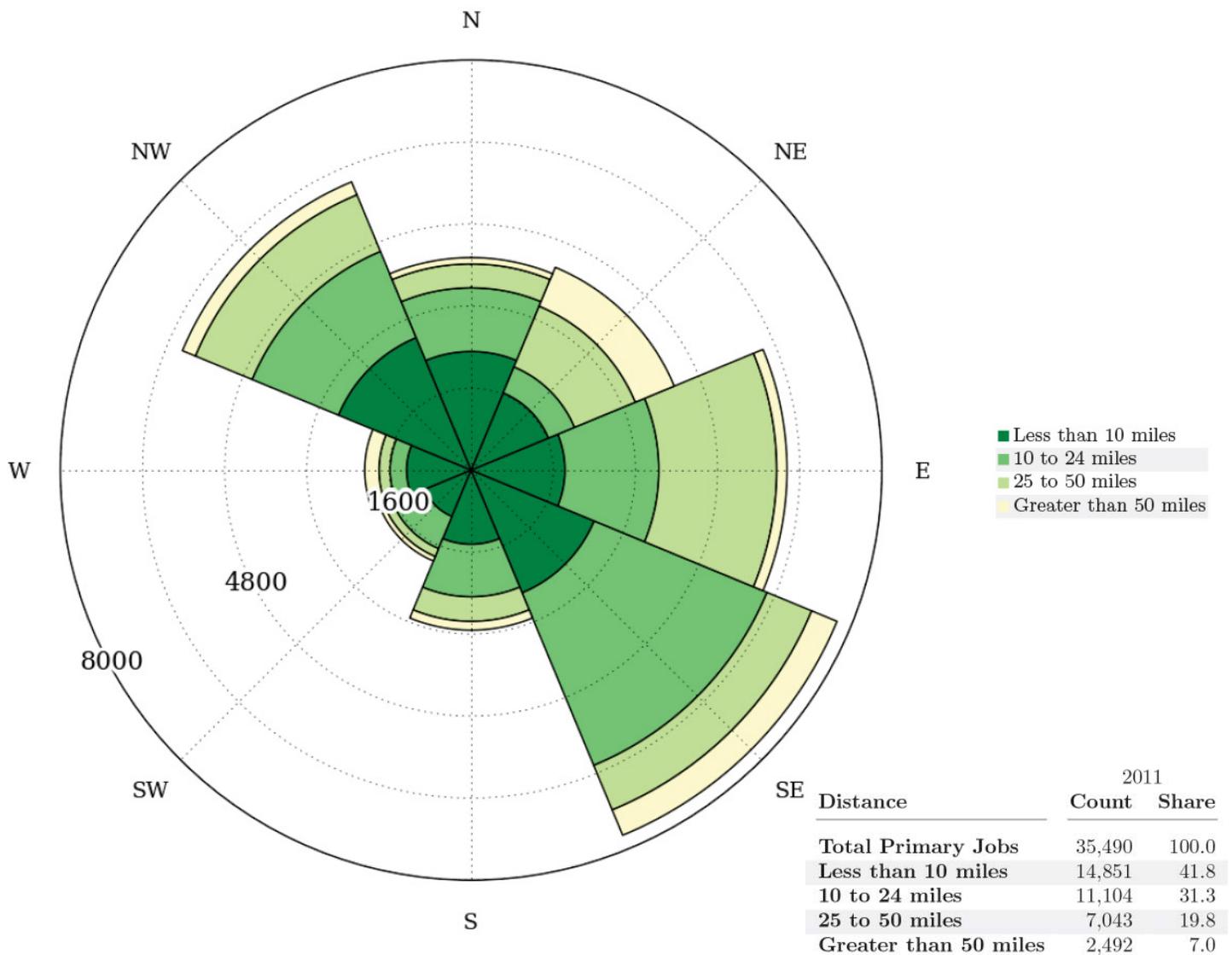


Commuting Trends into the City (Where Workers Live)

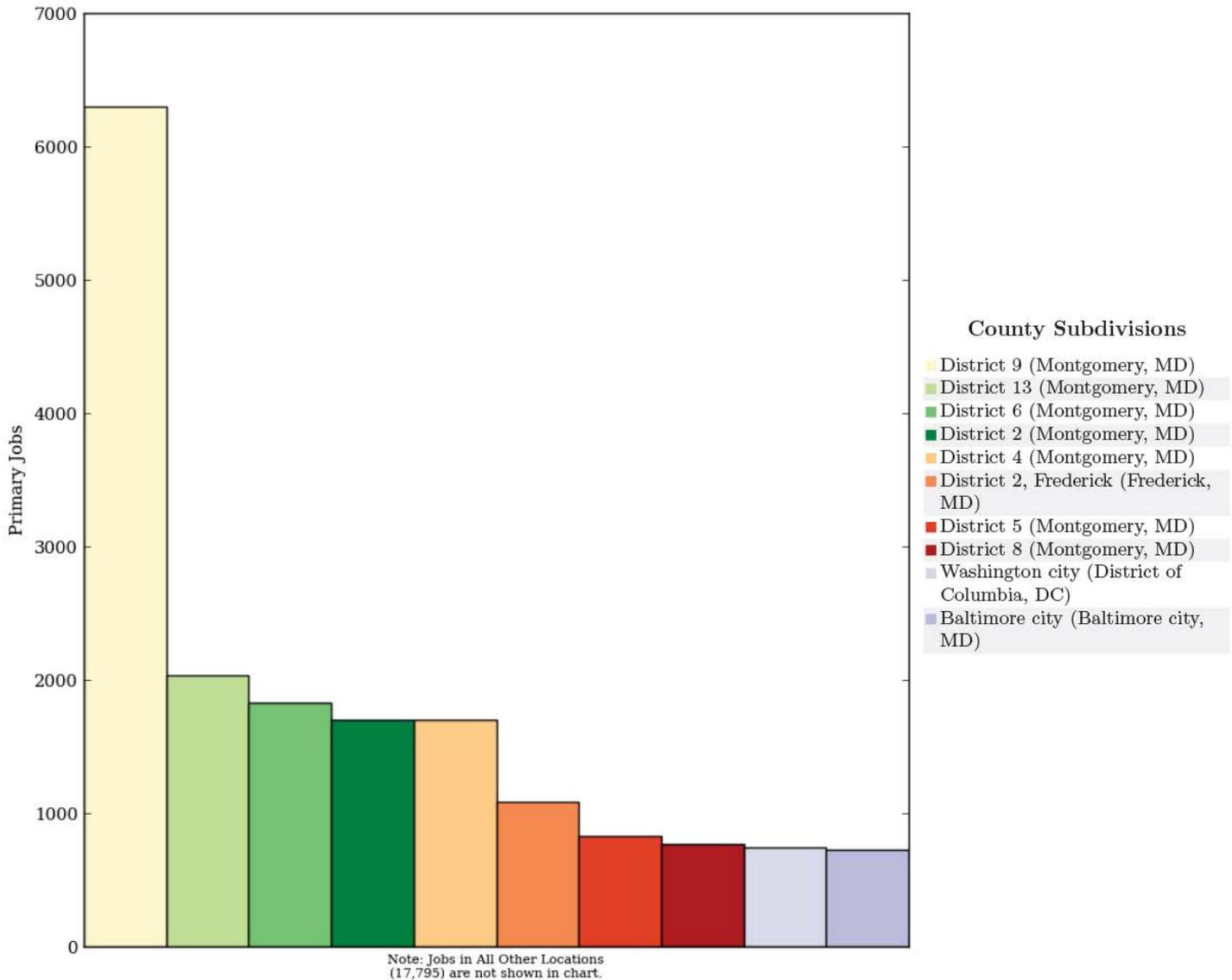
Using the data discussed in the methodology section, the majority of workers commuting into the City travel from the southeast, east, and northwest, and commute less than ten miles. Furthermore, the data shows that the majority of workers coming into the City originate from District 9 (Gaithersburg, Montgomery Village, Germantown), District 13 (Silver Spring, Wheaton, Aspen Hill), and District 6 (Germantown, North Potomac, Darnestown).

Study Area: City of Gaithersburg

Of the 35,490 people commuting into the City for jobs: 2,562 City residents live and work within the City; 7,712 (21.7%) travel from the southeast; 6,151 (17.3%) travel from the east; and 6,086 (17.1%) travel from the northwest. These commuter patterns could correlate with workers traveling by car on the major highway corridors of Interstate 270 (I-270), MD Route 355, and the Inter-County Connector (MD Route 200). The LEHD data demonstrates that at most^{4(see next page)} 7,712 (21.7%) workers are commuting from a direction (southeast) that is likely directly serviceable by Metrorail, while at least 27,778 (78.3%) workers are travelling from a direction that is not directly or conveniently served by Metrorail. Additionally, 1,828 (5.2%) workers travel 10-24 miles from the east, which may be serviceable by the Glenmont (19.4 miles to Shady Grove) or Wheaton (19.1 miles to Shady Grove) Metrorail stations, if those stations are considered east (rather than southeast) by the LEHD data.



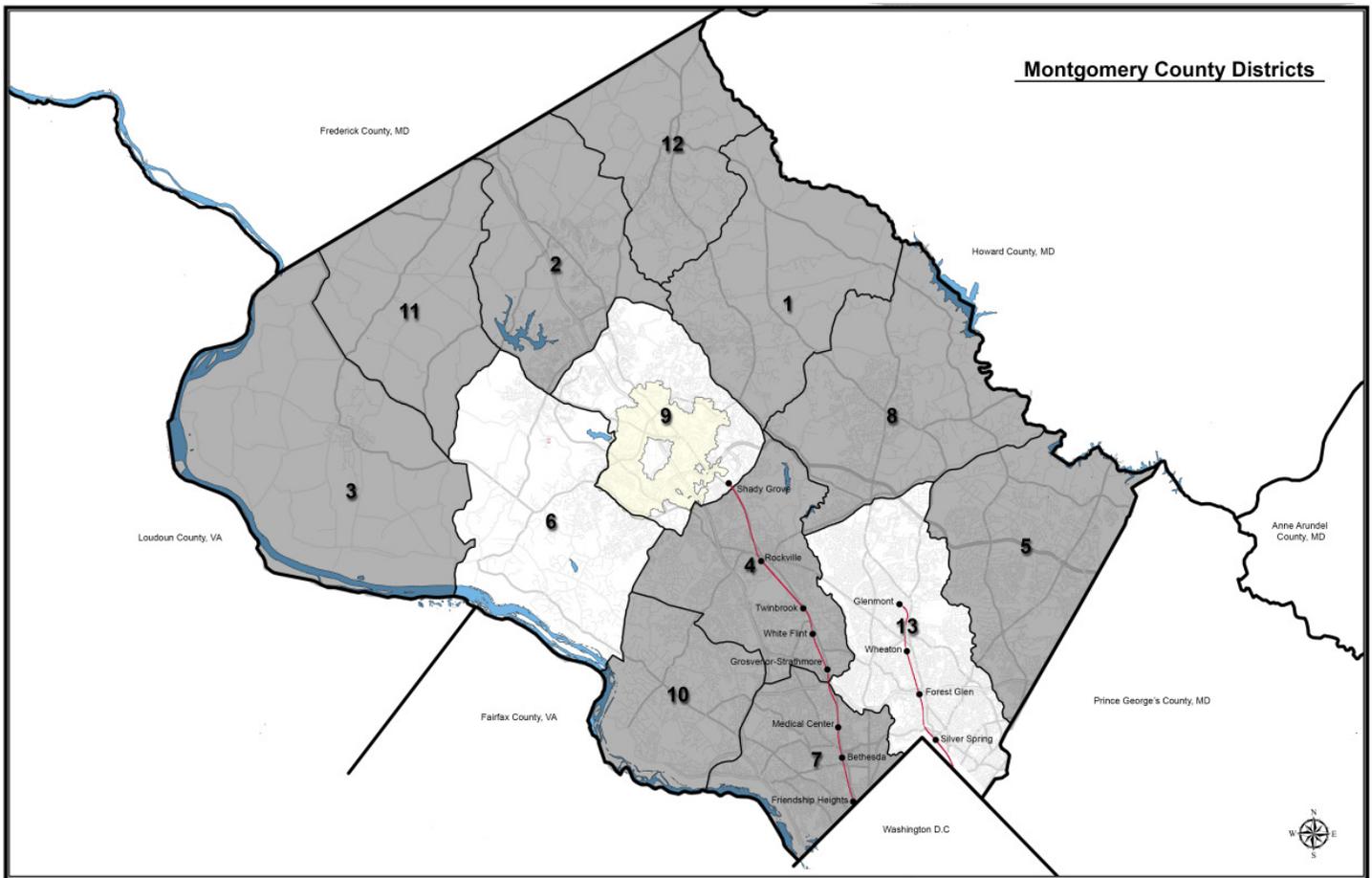
Study Area: City of Gaithersburg



According to the LEHD data, the largest share of workers, 14,851 (41.8%), commute less than ten miles. This distance is comparable to traveling from City Hall to the Grosvenor-Strathmore Metro Station. The commuter trends by distance/direction are further strengthened when comparing this data to the top Districts workers commute from.

4 The distance/direction information from the LEHD does not separately list workers who both live and work within the City of Gaithersburg, so some of the workers coming from each direction may be travelling in that direction wholly within the City and thus, Metrorail would not provide a practical means of transportation. For example, if a resident lived in Olde Towne and worked at Lockheed Martin on North Frederick Avenue (both home and work locations are within the City), the direction of travel would be coming from the southeast and less than 10 miles, but would be grouped with similar trips that originated with persons living in Rockville and Derwood and who could utilize metro for a portion of their trip.

Study Area: City of Gaithersburg



District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove)

The largest number of workers in the City commute from District 9. The data shows that in 2011 6,294 (17.7%) of the City's workforce commuted from District 9. District 9 includes the City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove. Of the workers commuting from District 9, 2,562 (40.7%) live and work in the City, while 3,732 (59.3%) live outside the City in District 9 and commute into the City for work.

District 9 is unique in two respects: (1) the City is entirely located within the District and (2) it is the only District that includes commuting from all the major cardinal directions. As stated earlier, the top three directions workers in the City commute from are the southeast, east, and northwest, and most workers travel less than 10 miles. These directions could correlate with workers commuting from Derwood (southeast), Montgomery Village and Washington Grove (east), and Germantown (northeast), all of which are located entirely within District 9 and within ten miles of the City. Further, the fact that all of District 9 is located within ten miles of the City of Gaithersburg correlates with earlier information that shows the majority of the City's workforce (41.8%) commutes less than ten miles to work.

Study Area: City of Gaithersburg

Relationship to Metrorail boardings and ridership

District 9 contains one Metro station, Shady Grove. An average of 871.2 people exit Shady Grove during AM peak hours, which is lower than even the 2,593 workers who commute to Gaithersburg less than 10 miles from the southeast. The number of exit riders at Shady Grove represents only 11.3% of the total 7,712 commuters coming from the southeast and 2.5% of all workers in Gaithersburg, even if all of the riders from Shady Grove are going to jobs in the City rather than other locations (which is unlikely).

Workers Living in District 9 Summary

- The majority of workers in the City of Gaithersburg commute from District 9 (17.7%). While district 9 contains all of the City of Gaithersburg, 59.3% of the City jobs held by District 9 residents are workers who do not live within the City.
- The City of Gaithersburg is located entirely within District 9.
- District 9 is the only district that includes workers commuting from all major directions.
- As discussed earlier, the top three cardinal directions workers commute from to jobs in the City are southeast, east, and northwest. These directions correlate to Derwood (southeast), Montgomery Village and Washington Grove (east), and Germantown (northwest), all of which are located entirely within District 9.
- All of District 9 is within 10 miles of the City of Gaithersburg, which correlates with earlier data that shows the majority of the City's workforce commutes less than 10 miles to work, (41.8%).
- District 9 contains one Metro Station, Shady Grove, which has an average of 871.2 people exiting during AM peak hours.

District 13 (Silver Spring, Wheaton, Aspen Hill)

As stated earlier, the second largest number of workers in the City commute from District 13. In 2011 2,032 (5.7%) of the City's workforce commuted from District 13. District 13 includes Silver Spring, Wheaton, and Aspen Hill.

District 13 is located to the southeast of the City of Gaithersburg, which correlates to the data showing the majority of workers east of I-270 (22.8%) commute to work from the southeast. Further, roughly half of District 13 is located within ten miles of the City and, as stated earlier, the majority of the City's workforce commutes less than 10 miles from home (41.8%).



Study Area: City of Gaithersburg

District 13 contains four Metro stations: Glenmont, Wheaton, Forest Glen, and Silver Spring. Of the four stations located in District 13, only two are located within ten miles of the City: Glenmont and Wheaton. It is possible that workers in the City who live in District 13 could be served by Metrorail, although this would require travelling the entire red line through downtown Washington, D.C. The data shows that on average 13.5 people enter at one of the District 13 Metrorail stations and exit at the Shady Grove station during AM peak hours. The chart below shows the average ridership for customers entering Metrorail at one of the four Metro stations servicing District 13 during AM peak hours and later exiting at Shady Grove. It is important to note that this number includes all riders entering at Shady Grove, not just City of Gaithersburg residents.

Metrorail Entrance Station During AM Peak Hours	Exit at Shady Grove Station
Glenmont	1.2
Wheaton	0.5
Forest Glen	0.5
Silver Spring	11.3

This data shows that the majority of the City's workforce residing in District 13 travels by some mode of transportation other than Metrorail. Of the 2,032 workers in Gaithersburg who reside in District 13, Metrorail accounts for at most only of 13.5 trips per weekday between District 13 and District 9 (0.7%), and some or all of those trips may be to jobs outside the City.

This finding can further be strengthened when comparing drive times from Silver Spring Metro Station to Shady Grove Metro Station. Silver Spring Metro Station was selected for this study since it has the highest number of average AM peak riders exiting at Shady Grove (11.3 average riders) and average PM peak riders entering Shady Grove and existing at Silver Spring (18.0 average riders). When comparing average drive times, using Map Quest, and average Metro rides between the two stations the travel time is different. An average AM trip to Shady Grove Metro Station, by automobile, from Silver Spring Metro Station takes approximately 21 minutes. In contrast, according to WMATA an average trip along the red line from Silver Spring to Shady Grove stations would take approximately 57 minutes.

The 2010-2012 American Community Survey (ACS) Data further supports the observation that the City workers who commute from District 13 are not taking Metro. The data shows that 391,527 (75.5%) people in Montgomery County used a car, truck or van as the principle means of transportation to work. In contrast, only 80,693 (15.6%) County workers used public transportation (excluding taxicab) to travel to work. Looking at both the WMATA and the ACS data, it is likely that the majority of workers coming to the City are driving rather than using Metrorail.

Study Area: City of Gaithersburg

Workers Living in District 13 Summary

- The second largest number of workers in the City of Gaithersburg commute from District 13 (5.7%).
- District 13 is located to the southeast of the City of Gaithersburg.
- District 13 correlates to the direction (southeast) the majority of City workers commute from (21.7%).
- Roughly half of District 13 is located within 10 miles of the City.
- District 13 contains four Metro Stations: Glenmont, Wheaton, Forest Glen, and Silver Spring.
- Only two of District 13's Metro Stations are located within 10 miles of the City: Glenmont and Wheaton.
- Based on direction of travel, the in-commuting workforce from District 13 could be served by Metro.
- When compared to the WMATA data on average, only a small number of passengers enter a District 13 station and exit at Shady Grove during AM peak hours. Glenmont averages 1.2 AM peak hour riders, Wheaton averages 0.5 AM peak hour riders, Forest Glen averages 0.5 AM peak hour riders, and Silver Spring averages 11.3 AM peak hour riders.
- The WMATA ridership data and ACS means of travel data show that the majority of the workforce commuting from District 13 do not use Metrorail.

District 6 (Germantown, North Potomac, Darnestown)

The third largest number of City workers commute from District 6. In 2011 1,824 (5.1%) of the City's workforce commuted from District 6. District 6 is comprised of Germantown, North Potomac, and Darnestown.

District 6 is located to the west and southwest of the City of Gaithersburg. The data shows that only 3,992 (11.2%) of the City's workforce commute from the west or southwest. Individually, southwest and west are the lowest and second lowest direction workers commute from, respectively. All of District 6 is located within ten miles of the City and the majority of the workers coming from the west and southwest commute less than 10 miles (60.8% and 51.1%, respectively). As stated before, this data correlates with earlier information that shows that the majority of the City's workforce (41.8%) commutes less than ten miles to work. District 6 contains no Metro stations.



Study Area: City of Gaithersburg

Workers Living in District 6 Summary

- The third largest number of City of Gaithersburg workers commute from District 6, 1,782 (5.2%).
- District 6 is located to the south and west of the City of Gaithersburg.
- The least amount of people 1,806 (5.3%) commute to the City for work from the southwest. Further only 1,989 (5.8%) commute from the west and 1,806 (5.3%) from the south.
- All of District 6 is located within 10 miles of the City of Gaithersburg
- Contains no Metro Stations.

Worker Commuting Trends from Other Cities and Census Designated Places (CDPs)

Looking at commuting trends with other cities, the majority of workers commuting to jobs in the City are living in the Germantown CDP (3,323 / 9.4%). The next highest place that workers are commuting from is Gaithersburg (2,562 / 7.2%), followed by the Montgomery Village CDP (1,091 / 3.1%). Other Cities that workers live in are Rockville (937 / 2.6%), Frederick (918 / 2.6%), Washington DC (741 / 2.1%), and Baltimore (726 / 2.0%).

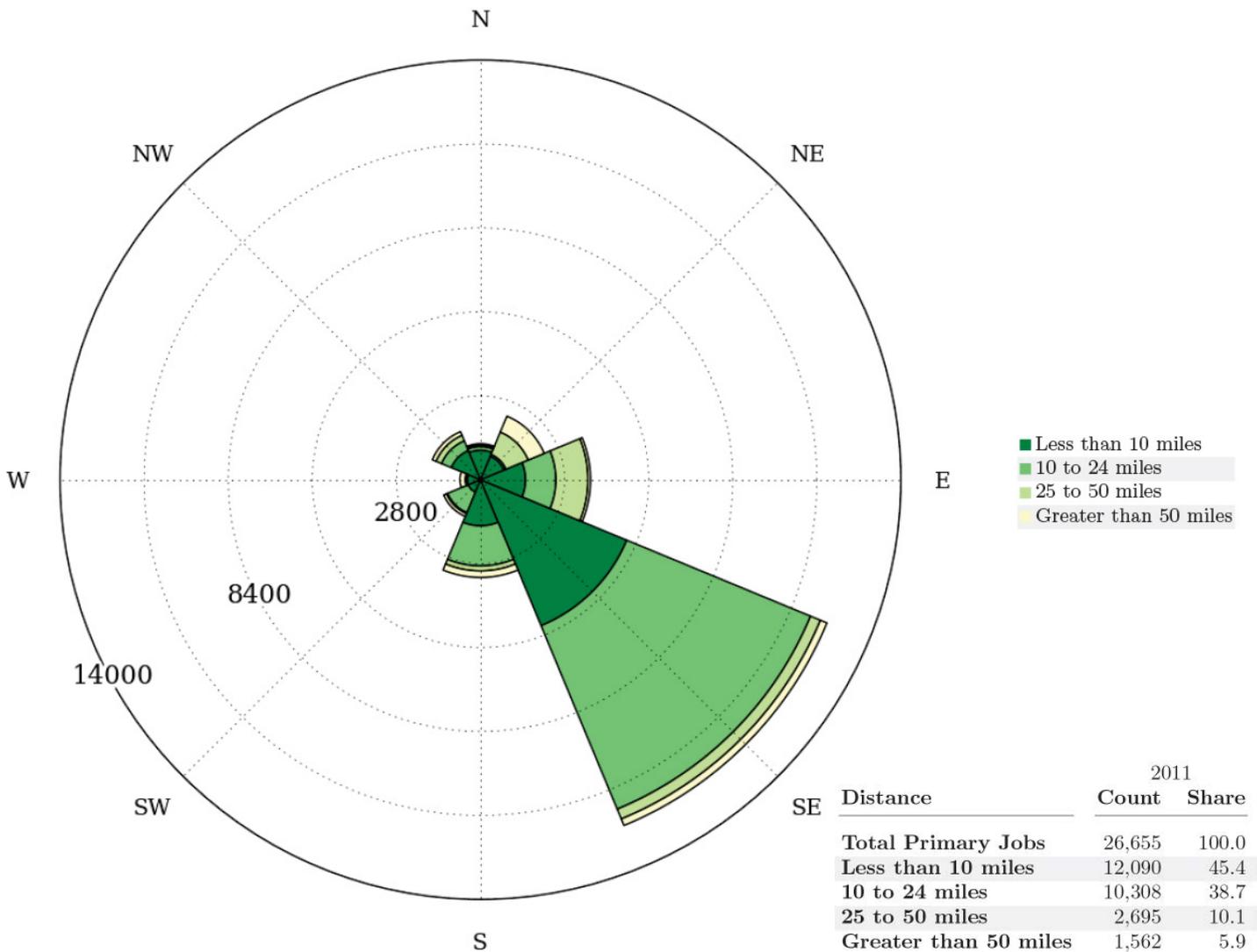
Germantown is located to the northwest of Gaithersburg, which correlates with the figures discussed earlier that the third-most common direction that workers commute from is the northwest (17.1%). Montgomery Village is located to the north of Gaithersburg, which is the fourth most common direction that workers commute from (4,145 / 11.7%). Germantown and Montgomery Village are both within 10 miles of the City, correlating to the earlier figures that show 41.8% of workers travel less than 10 miles to their jobs in the City.

Commuting Trends Out of the City (Where City Residents Work)

The data shows that the overwhelming majority of City of Gaithersburg residents commute less than 10 miles to jobs located to the southeast, east, and south. Furthermore, the data shows that the majority of the City residents commute to jobs in District 4 (Rockville, Twinbrook, White Flint), District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove), and Washington D.C.

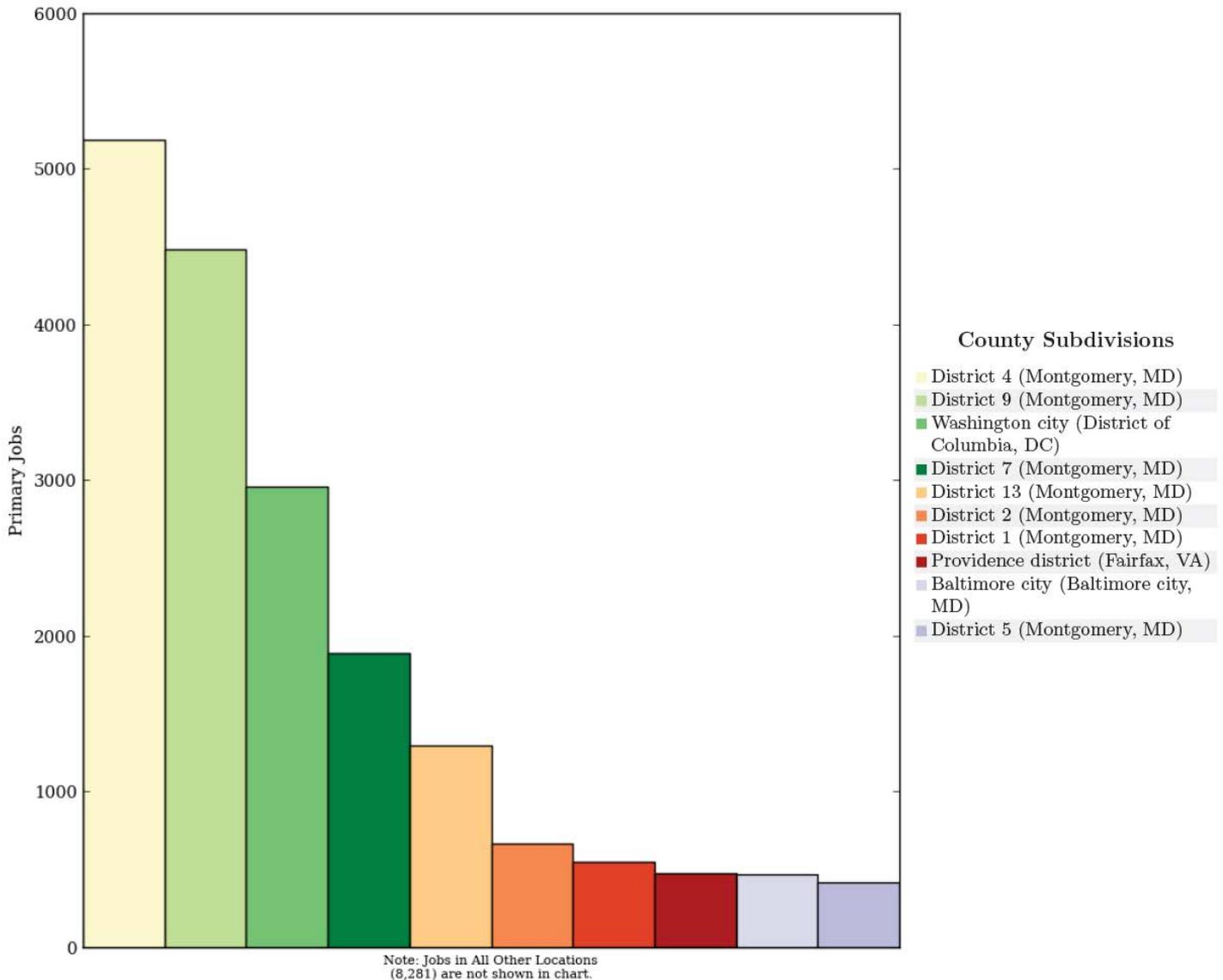


Study Area: City of Gaithersburg



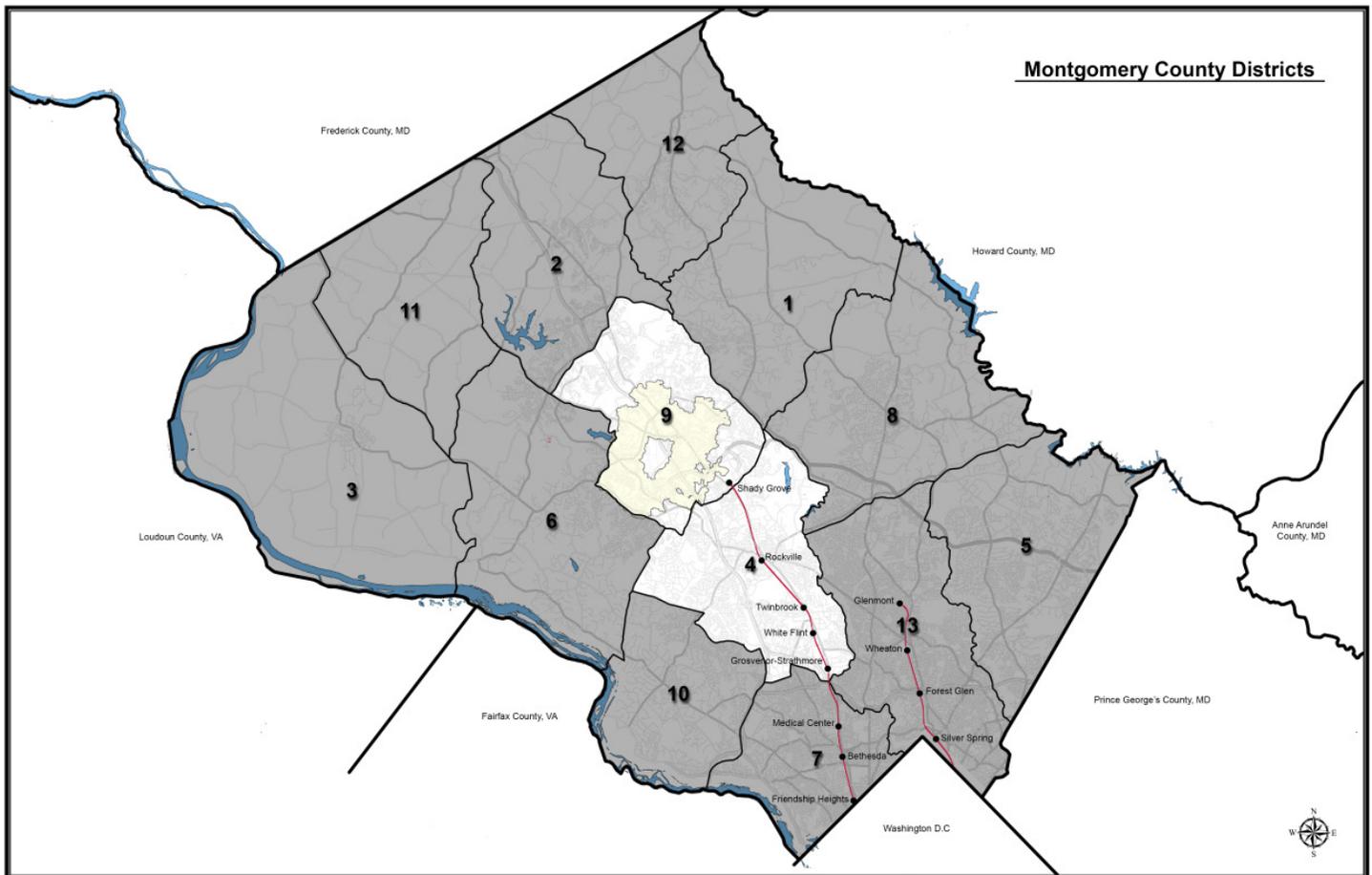
As stated earlier, of the 26,655 people that live in the City of Gaithersburg and commute to work, the overwhelming majority of them, 12,486 (46.8%), travel to the southeast. Further, 3,664 (13.7%) travel to the east and 3,261 (12.2%) travel to the south for jobs. This data could correlate with residents traveling along the major highway travel corridors of I-270, MD Route 355, and the Inter-County Connector (MD Route 200). The large number of commuters travelling to the southeast could correlate with residents traveling by car along the major travel corridors of I-270 and Maryland Route 355 or using the red line Metrorail. The remaining 14,169 (53.2%) residents travel in a direction that is not directly served by Metrorail.

Study Area: City of Gaithersburg



According to the data, most residents travel less than 10 miles to work (12,090 / 45.4%), and the majority travel only up to 24 miles for work (22,398 / 84.0%). This latter distance is comparable from traveling from City Hall to Downtown Washington D.C. Comparing this direction-distance data to the top Districts residents commute to further completes the picture for the City’s commuter trends.

Study Area: City of Gaithersburg



District 4 (Rockville, Twinbrook, White Flint)

The largest number of City residents commute to District 4 for work, with 5,180 (19.4%) people. District 4 is comprised of Rockville, Twinbrook, and White Flint.

District 4 is located to the southeast of the City of Gaithersburg. This data correlates to the earlier discussed figures that shows the majority of City residents east of I-270 (44.7%), commute to work to the southeast. All of District 4 is located within ten miles of the City. This data correlates to earlier data that shows that the majority of the City's residents (84.0%) commute up to 24 miles for work, with 45.4% commuting ten miles or less.

District 4 contains four Metro stations: Rockville, Twinbrook, White Flint, and Grosvenor-Strathmore. On average 723 people enter at Shady Grove and exit at one of the four Metro stations that serve District 4 during AM peak hours. The chart below shows the average ridership entering at Shady Grove and exiting at one of the four Metro stations serving District 4. It is important to note that this number includes all riders entering at Shady Grove, not just City of Gaithersburg residents.



Study Area: City of Gaithersburg

Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station
Rockville	160.3
Twinbrook	193.7
White Flint	322.2
Grosvenor-Strathmore	46.8

While residents commuting to District 4 may travel by Metro, the 2010-2012 American Community Survey (ACS) Data shows that the majority of the City's residents are not using public transportation to commute to work. The ACS data shows that the majority of the 32,511 residents in the labor force take an automobile to work (25,680 / 79.0%), with 21,428 (65.9%) of all workers travelling alone in a vehicle. Further, the data shows that only 1,922 (5.9%) of residents travelled by Metrorail (subway or elevated).

Residents Travelling to District 4 Jobs Summary

- The majority of City of Gaithersburg residents commute to District 4 for work (19.4%).
- District 4 is located to the southeast of the City of Gaithersburg.
- District 4 correlates with the direction and distance most City residents commute for work: 46.8% travel to the southeast and 45.4% commute less than 10 miles to work.
- All of District 4 is located within 10 miles of the City of Gaithersburg.
- District 4 contains four Metro Stations: Rockville, Twinbrook, White Flint, and Grosvenor-Strathmore.
- An average of 723.0 people enter at Shady Grove and exit at a District 4 Metro Station during AM peak hours.

District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove)

As stated earlier, the second largest number of City residents commute to District 9 for work, with 4,480 (16.8%) persons. District 9 is comprised of the City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove. It is important to note that 1,918 (42.8%) of the City residents commuting to work in District 9 are travelling to jobs in areas outside of the City, but within District 9. Further, 2,562 (57.2%) of City residents with jobs in District 9 both live and work in the City.

Study Area: City of Gaithersburg

As discussed earlier, the majority of City residents commute to the southeast, south, and east for work. While these directions could relate to City residents living and working within the City it does not correlate with employment areas outside of the City and within District 9, since most of District 9 is located to the north and northwest of the City. For those District 9 jobs outside of the City, commuters traveling to the majority directions of southeast and south would be heading into District 4, while residents commuting to the majority direction of the east would be heading to residential neighborhoods (Washington Grove and Montgomery Village), as well as parts of District 4, District 1, and District 8.

All of District 9 is located within 10 miles of the City. This data correlates to earlier data that shows that the majority of the City's residents, 22,351 (84%) commute up to 24 miles for work, with 12,046 (45.3%) commuting ten miles or less.

District 9 contains one Metro station, Shady Grove. An average of 9,557 people enter Shady Grove during AM peak hours. It is important to note that this number includes all riders entering at Shady Grove, not just City of Gaithersburg residents.

Residents Travelling to District 9 Jobs Summary

- The second-highest district that City Residents travel to is District 9 (16.8%). While district 9 contains all of the City of Gaithersburg, (42.8%) of residents travelling to jobs in District 9 do not live and work within the City of Gaithersburg.
- The City of Gaithersburg is wholly located within District 9.
- As discussed earlier, the top three cardinal directions City residents commute to are southeast, south, and east, and most of District 9 is located to the north and northwest of the City of Gaithersburg.
- All of District 9 is within 10 miles of the City of Gaithersburg. Correlates with earlier data that shows the majority of the City's residents commute less than 10 miles to work, 12,046 (45.3%).
- Contains one Metro Station, Shady Grove.
- An average of 9,557.4 people enter at Shady Grove during AM peak hours.



Study Area: City of Gaithersburg

Washington D.C

The third largest number of City residents commute to Washington D.C. for work, with 2,959 (11.1%) people.

Washington D.C. is located to the southeast of the City of Gaithersburg. This data correlates to the earlier discussed figures that show the majority of City residents east of I-270 (44.7%), commute to work to the southeast. Most of Washington D.C. is located within 24 miles of the City. This data correlates to earlier data that shows that the majority of the City's residents (84.0%) commute up to 24 miles for work, with 45.4% commuting ten miles or less.

Washington D.C. contains 39 Metro stations, with 15 along the Red Line: Tenleytown, Van Ness, Cleveland Park, Woodley Park, Dupont Circle, Farragut North, Metro Station, Gallery Place, Judiciary Square, Union Station, NoMa, Rhode Island Avenue, Brookland, Fort Totten, and Takoma. An average of 6742.2 people who entered at Shady Grove exited at one of the 39 Washington D.C. Metro stations. Furthermore, an average of 4835.2 people entered at Shady Grove and exited at one of the Washington D.C. Metro stations served by the Red Line. It is important to note that these ridership numbers include all riders entering at Shady Grove, not just City of Gaithersburg residents.

Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station	Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station
Tenleytown	137.3	Judiciary Square	298
Van Ness	72.9	Union Station	367
Cleveland Park	17.4	NoMa	121.8
Woodley Park	56.6	Rhode Island	12.3
Dupont Circle	455.3	Brookland	55
Farragut North	1856	Fort Totten	8
Metro Station	948	Takoma	11.4
Gallery Place	418.3		

Study Area: City of Gaithersburg

Residents Travelling to Washington DC Jobs Summary

- The third most common jobs destination for City residents is Washington D.C., with 11.1% of City residents commuting there.
- Washington D.C. is located southeast of the City.
- Washington D.C. correlates with the direction and distance most City residents commute for work: 46.8% travel to the southeast and 10.308 (38.7%) commute between 10 to 24 miles to work.
- Washington D.C. is located more than 10 miles from the City but most of D.C. is less than 24 miles away.
- Washington D.C. contains 39 Metro stations, with 15 located along the Red Line.
- An average of 6742.2 people enter at Shady Grove and exit at one of the 39 Metro stations in Washington D.C.
- An average of 4835.2 people enter at Shady Grove and exit at one of the 15 Red Line Metro stations in Washington D.C.

Resident Commuting Trends to Other Cities

Looking at commuting trends with other cities, the majority of City residents commute to Washington D.C. (2,959 / 11.1%). The next highest city that residents commute to is Rockville (2,742 / 10.3%), followed by Gaithersburg (2,562 / 9.6%). The only other top-10 destination city that residents commute to is Baltimore (468 / 1.8%).

Both Rockville and Washington D.C. are located to the southeast of Gaithersburg, which correlates with the figures discussed earlier that the majority of City residents (46.8%) commute to jobs located southeast of the City. Rockville is less than 10 miles from the City and most of Washington D.C. is between 10 and 24 miles from the City, which correlates to the earlier figures showing that the majority of the City's residents (84.0%) commute up to 24 miles for work, with 45.4% commuting ten miles or less.



Study Area: City of Gaithersburg

Relationship of LEHD Data to ACS Data

The LEHD information on in-coming workers compares well to the 2010-2012 ACS data, which shows that 9.4% of Montgomery County residents commute to work by Metrorail (subway or elevated), while 65.0% commute to work by driving alone in a car and 10.4% commute by carpool. For City residents commuting out, the ACS shows that 5.9% of residents commute by Metrorail (subway or elevated), while 65.9% commute by driving alone in a car and 13.1% commute by carpool.



Study Area: East of I-270

Staff also examined commuting trends for primary jobs into and out of areas of the City east of I-270 to compare to the City-wide findings. According to the 2011 LEHD information, 20,069 persons commute to jobs within this area of the City, which includes 1,087 City residents that live and work in the City. There are 9,847 City residents East of I-270 that commute out of the City for their primary job. The data reveals that there are similarities between the East of I-270 study area and the City as a whole. Most notably, the area east of I-270 and the City as a whole exhibit similar travel patterns for distance and direction. However, the area east of I-270 exhibits a slightly different travel pattern for the top districts residents commute to and workers commute from.

Commuting Trends into the City (Where Workers Live)

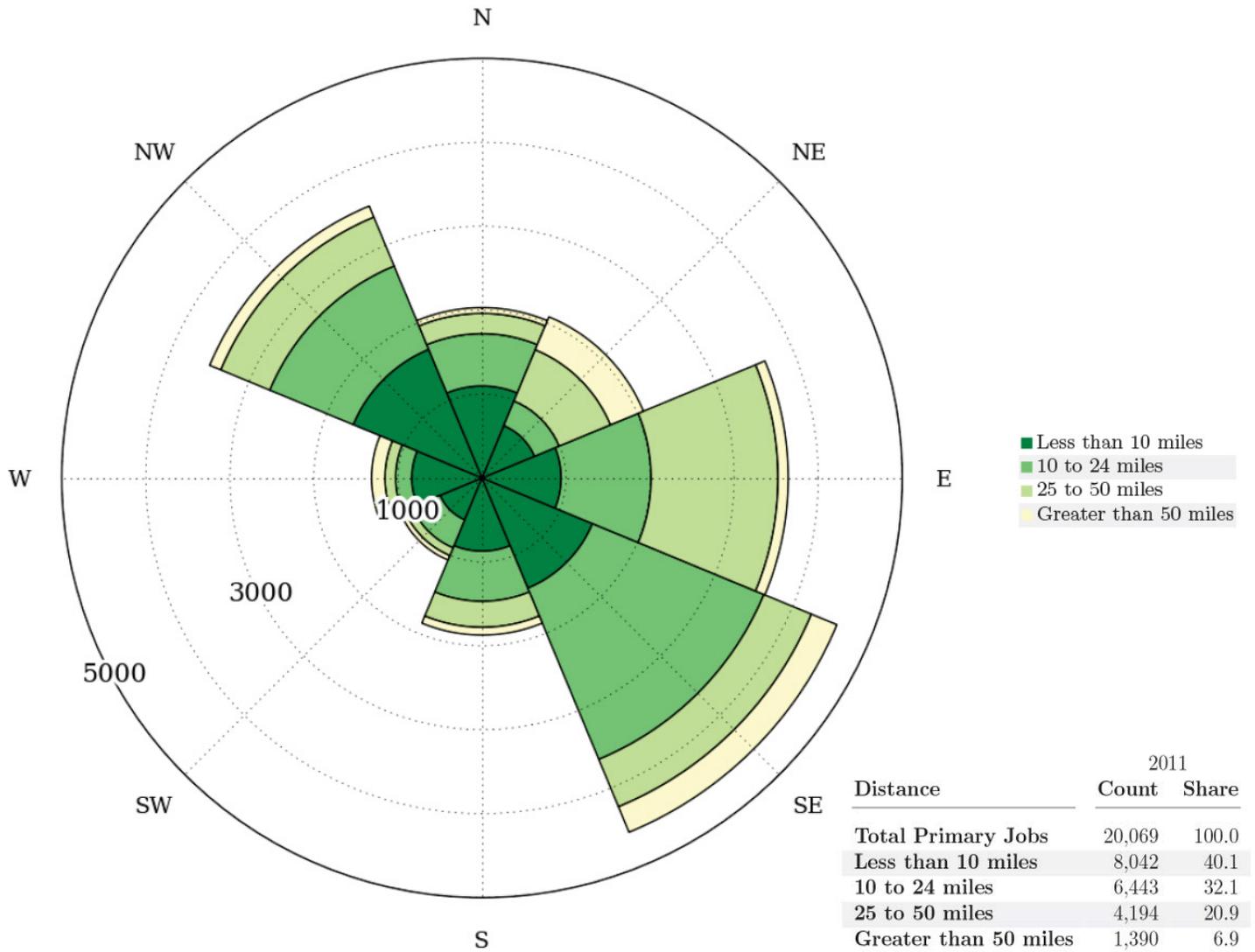
For commuting trends into areas of the City east of I-270, the data shows that the bulk of the workers commute from the southeast, east, and northwest, and commute less than 10 miles (40.1%). Furthermore, the data shows that the majority of the workers in this area of the City commute from District 9 (Gaithersburg, Montgomery Village, and Germantown), District 13 (Silver Spring, Wheaton, and Aspen Hill), and District 2 (Clarksburg and Germantown).

Of the 20,069 people commuting to this area of the City for jobs, 4,569 (22.8%) travel from the southeast, 3,642 (18.1%) travel from the east, and 3,507 (17.5%) travel from the northwest. These commuter patterns correlate with workers traveling by car on the major highway corridors of Interstate 270 (I-270), MD Route 355, and the Inter-County Connector (MD Route 200). The LEHD data demonstrates that at most⁵ 4,569 (22.8%) workers are commuting from a direction (southeast) that is possibly directly serviceable by Metrorail, while at least 15,500 (77.2%) workers are travelling from a direction that is not directly or conveniently serviceable by Metrorail. Additionally, 1,070 (5.3%) workers travel 10-24 miles from the east, which may be serviceable by the Glenmont (19.4 miles to Shady Grove) or Wheaton (19.1 miles to Shady Grove) Metrorail stations, if those stations are considered east (rather than southeast) by the LEHD data.

⁵ The distance/direction information from the LEHD does not separately list workers who both live and work within the City of Gaithersburg, so some of the workers coming from each direction may be travelling in that direction wholly within the City and thus, Metrorail would not provide a practical means of transportation. For example, if a resident lived in Olde Towne and worked at Lockheed Martin on North Frederick Avenue (both home and work locations are within the City), the direction of travel would be coming from the southeast and less than 10 miles, but would be grouped with similar trips that originated with persons living in Rockville and Derwood and who could utilize metro for a portion of their trip.

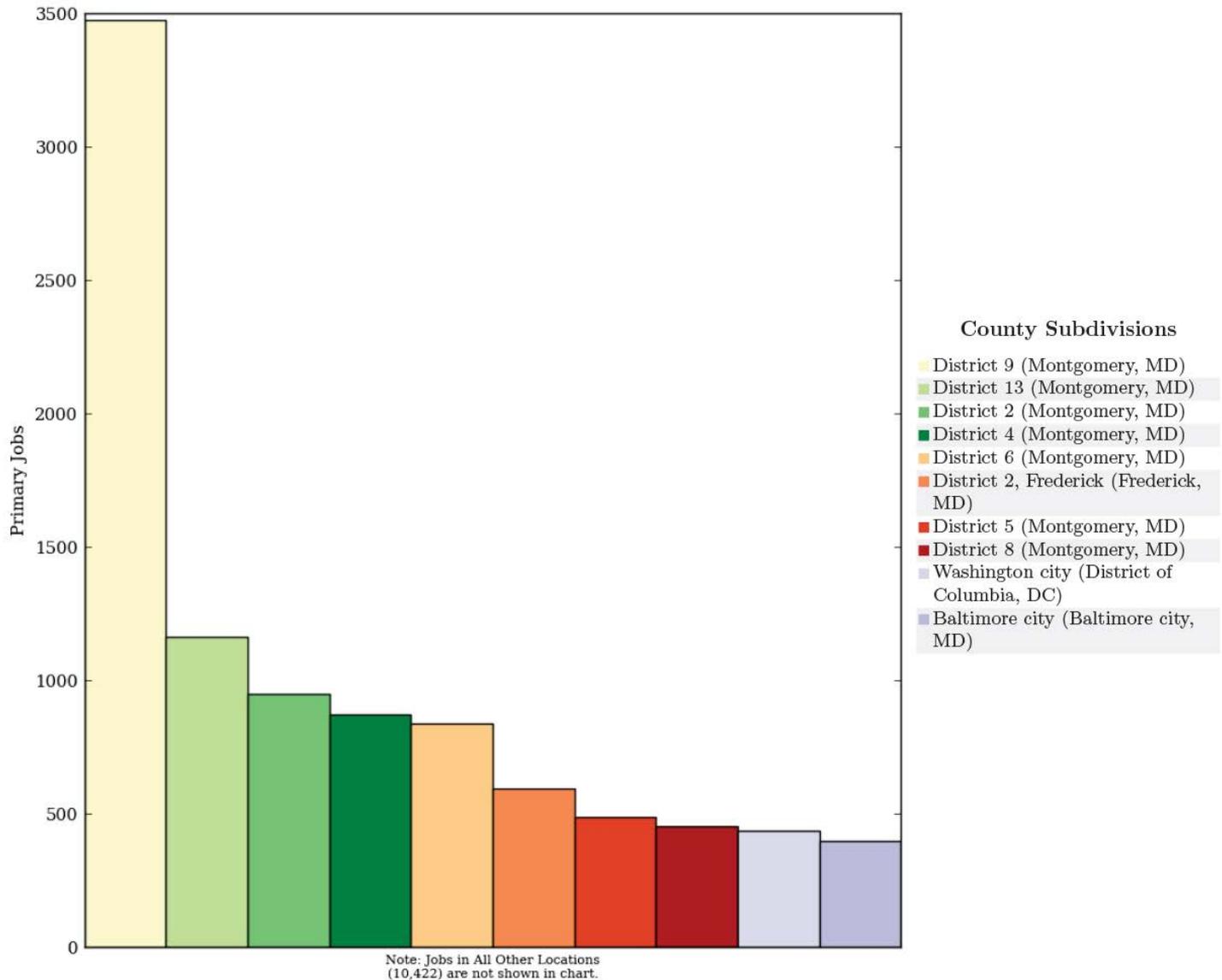


Study Area: East of I-270



According to the data, the largest share of workers, 8,042 (40.1%) commute less than 10 miles to work. This distance is comparable from traveling from City Hall to the Grosvenor-Strathmore Metro Station. The aforementioned data for the commuter's direction and distance east of I-270 is similar to the City as a whole.

Study Area: East of I-270

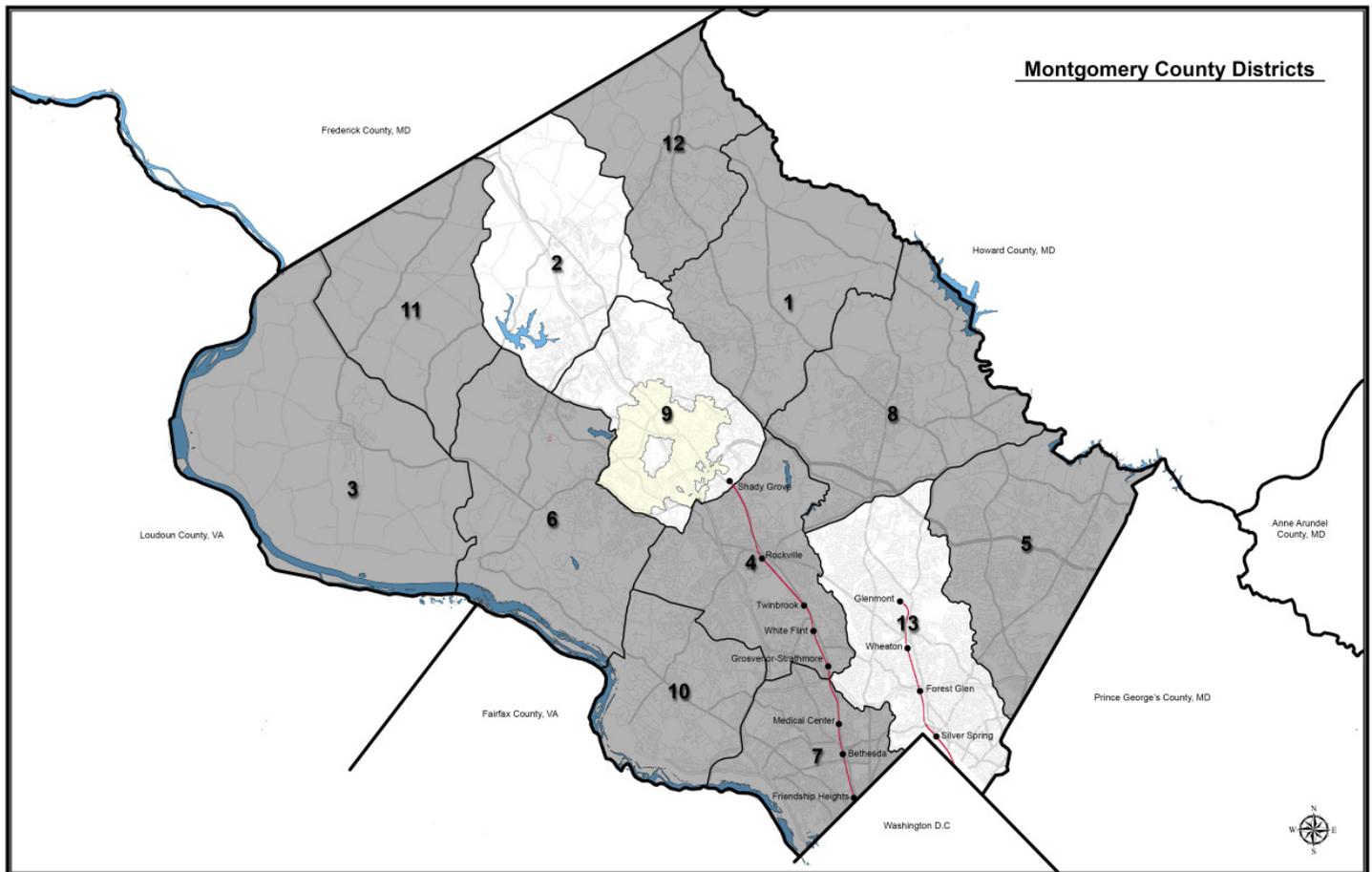


The area east of I-270 does differ from the City as a whole when looking at the top three Districts workers commute from. Two of the districts, District 9 (Gaithersburg, Montgomery Village, Germantown) and District 13 (Silver Spring, Wheaton, and Aspen Hill), are the same for as for the City as a whole, but the area east of I-270 has District 2 (Clarksburg) as its third top district rather than District 6 (Germantown, North Potomac, Darnestown). Of note, both District 2 and District 6 are not directly serviceable by Metrorail.

The top three directions workers east of I-270 commute from are identical to the top three directions that workers commute from in the City as a whole: southeast, east, and northwest, respectively.



Study Area: East of I-270



District 9 (City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove)

Similar to the City as a whole, the largest number of City workers commuting to work east of I-270 originate from District 9, with 3,473 people (17.3% of workers east of I-270). As stated earlier, District 9 includes the City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove. District 9 is unique in that it wholly contains the City of Gaithersburg, and 1,087 (31.3%) of the 3,473 workers commuting from District 9 both live and work in the City.

District 9 is the only District that correlates to commuting from all the major cardinal directions. As stated earlier, the top three directions that workers in the City east of I-270 commute from is the southeast, east, and the northwest. These directions could correlate with workers commuting from Derwood (southeast), Montgomery Village and Washington Grove (east), and Germantown (northwest). All of the aforementioned communities are located within District 9 and within ten miles of the City. Further, all of District 9 is located within ten miles of the City of Gaithersburg. This data correlates with earlier information that shows that the majority of City workers east of I-270, 8,042 (40.1%), commute less than ten miles to work.



Study Area: East of I-270

District 9 contains one Metro station: Shady Grove. An average of 871.2 people exit at Shady Grove during AM peak hours. It is important to note that this number includes all riders exiting at Shady Grove, not just workers heading to jobs in the City of Gaithersburg.

Workers Living in District 9 Summary

- The majority of workers east of I-270 commute from District 9, with 3,473 (17.3%). District 9 contains all of the City of Gaithersburg and 1,087 workers commuting from District 9 both live and work in the City.
- Since the District encompasses all of District 9, it's the only district that correlates to commuting from all the major directions.
- The top three cardinal directions people commute from to jobs east of I-270 are the southeast, east, and northwest. This correlates to Derwood located to the southeast, Montgomery Village and Washington Grove to the east, and Germantown to the northwest, all located within District 9.
- All of District 9 is within 10 miles of the City of Gaithersburg and correlates with earlier data that shows the majority of the City's workforce commute less than 10 miles to work, 8,042 (40.1%).
- District 9 contains one Metro Station: Shady Grove.
- Average of 871.2 people exit at Shady Grove during AM peak hours.

District 13 (Silver Spring, Wheaton, and Aspen Hill)

Similar to the City as a whole, the second largest number of workers in the City east of I-270 commute from District 13, with 1,162 (5.8%). District 13 is comprised of Silver Spring, Wheaton, and Aspen Hill.

District 13 is located to the southeast of the City of Gaithersburg. This data correlates to the earlier-discussed figures that shows the majority of workers in the City east of I-270, 4,569 (22.8%), commute to work from the southeast. Further, roughly half of District 13 is located within ten miles of the City. As stated earlier the majority of the City workers east of I-270, 8,042 (40.1%), commute less than ten miles to work. This data could demonstrate that the majority of the City workers east of I-270 commuting from District 13 may originate from the northern area of the District. This area includes both Wheaton and Aspen Hill, but does not include Silver Spring.



Study Area: East of I-270

District 13 contains four Metro stations: Glenmont, Wheaton, Forest Glen, and Silver Spring. Of the four stations located in District 13, only two are located within ten miles of the City: Glenmont and Wheaton. The data shows that on average 13.5 people enter at one of the four Metro stations that serve District 13 and then exit at Shady Grove during AM peak hours. The chart below shows the average ridership for the four Metro stations servicing District 13 and exiting at Shady Grove during AM peak hours.

Metrorail Entrance Station During AM Peak Hours	Exit at Shady Grove Station
Glenmont	1.2
Wheaton	0.5
Forest Glen	0.5
Silver Spring	11.3

This data could show that the majority of the workforce traveling from District 13 travels by some mode of transportation other than Metrorail. The assumptions for the commutes from District 13 to City jobs east of I-270 are the same as for the City as a whole.

Workers Living in District 13 Summary

- The second largest number of workers in the City east of I-270 commute from District 13, 1,162 (5.8%).
- District 13 is located to the southeast of the City of Gaithersburg.
- This correlates to the direction the majority of workers in the City east of I-270 commute from, southeast, with 4,569 (22.8%) workers.
- Roughly half of District 13 is located within 10 miles of the City.
- District 13 contains four Metro Stations: Glenmont, Wheaton, Forest Glen, and Silver Spring.
- Only 2 Metro Stations are located within 10 miles of the City: Glenmont and Wheaton.
- Workers living in District 13 can be served by Metro, but other modes (such as driving) may have shorter travel times.
- When compared to the WMATA data on average, only a small number of passengers enter a District 13 station and exit at Shady Grove during AM peak hours.
- The majority of the workforce in the City east of I-270 that commutes from District 13 uses some mode of transportation other than Metrorail.



Study Area: East of I-270

District 2 (Clarksburg and Germantown).

The third largest number of city workers east of I-270 commute from District 2, with 947 (4.7%). This is different than the whole City, where District 6 is the third most common area workers commute from and District 2 is the fourth most common district workers in the City commute from. District 2 includes Clarksburg and Germantown.

District 2 is located to the northwest of the City of Gaithersburg. This correlates with earlier discussed figures that show the third-most common direction of travel for workers east of I-270 is northwest, with 3,507 (17.5%) workers. All of District 2, including Clarksburg and Germantown, is located within 10 miles of the City, which correlates with earlier figures showing that the majority of workers, 8,042 (40.1%), commute less than ten miles to jobs in the City east of I-270.

Workers Living in District 2 Summary

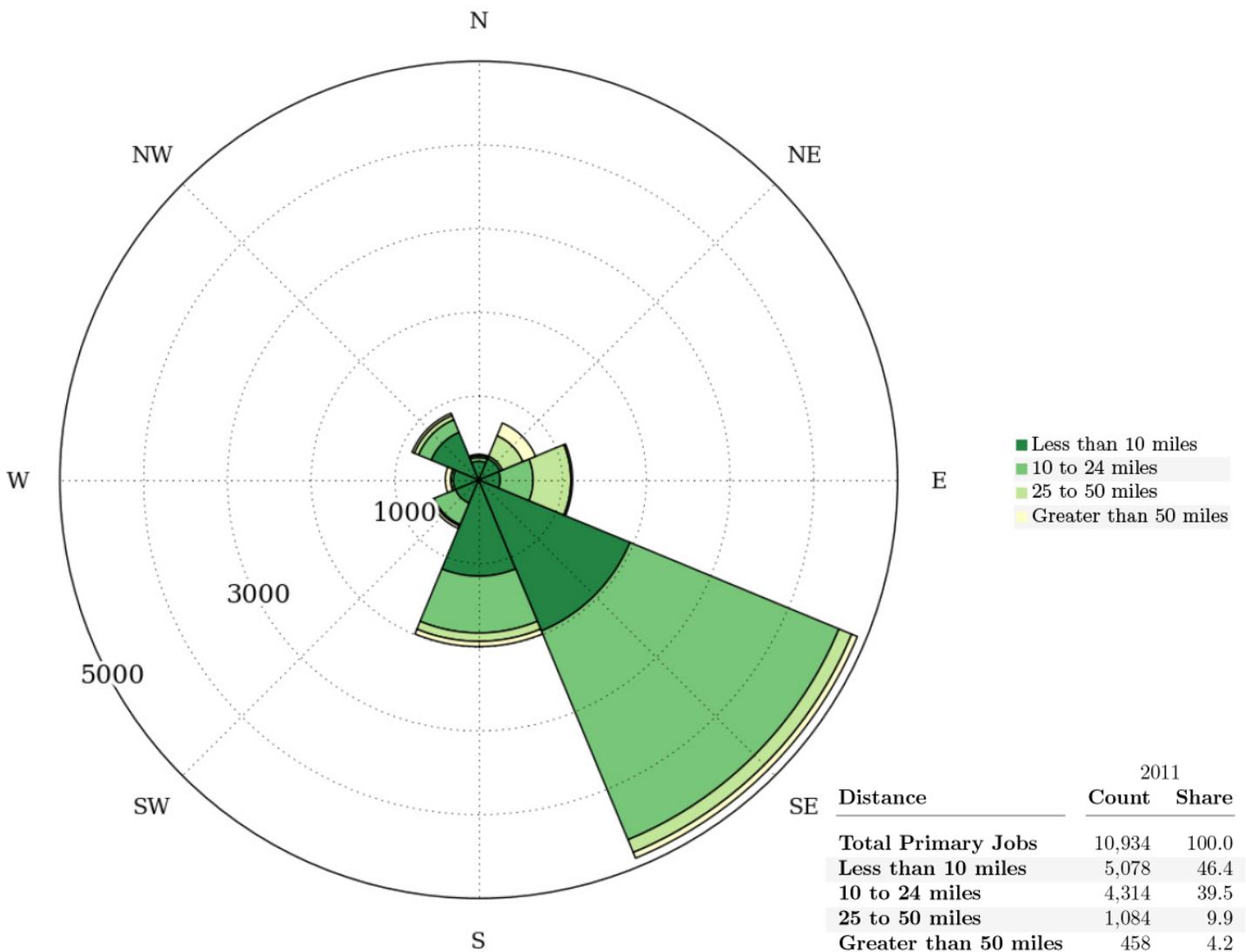
- The third largest number of City of Gaithersburg workers commute from District 2, 947 (4.7%).
- District 2 is located to the northwest of the City of Gaithersburg.
- The third most common direction workers in the City east of I-270 commute from is the northwest, 3,507 (17.5%).
- All of District 2 is located within 10 miles of the City of Gaithersburg.
- District 2 is not served by Metrorail.



Study Area: East of I-270

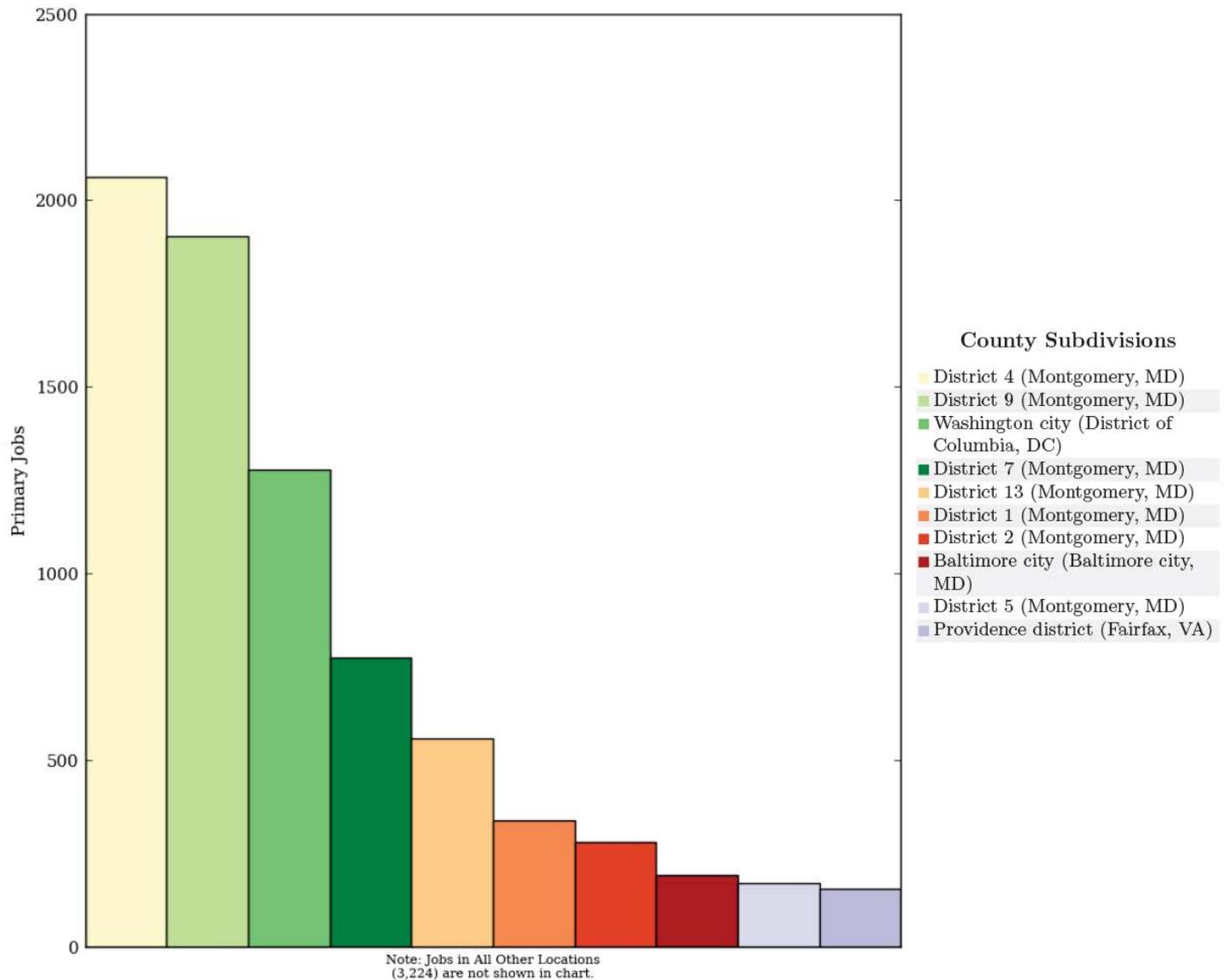
Commuting Trends Out of the City (Where City Residents Work)

As with the City as a whole, the majority of City residents who live east of I-270 travel less than 10 miles to their jobs. The most common directions travelled are the southeast, followed by the south, and lastly by the east, which differs slightly from the City as whole, where the most common directions are southeast, east, and south, respectively. Furthermore, the data shows that the majority of the workers in this area of the City commute to District 4 (Rockville, Twinbrook, White Flint), followed by District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove), and lastly Washington D.C., which are the same top three districts that residents in the City as a whole commute to.

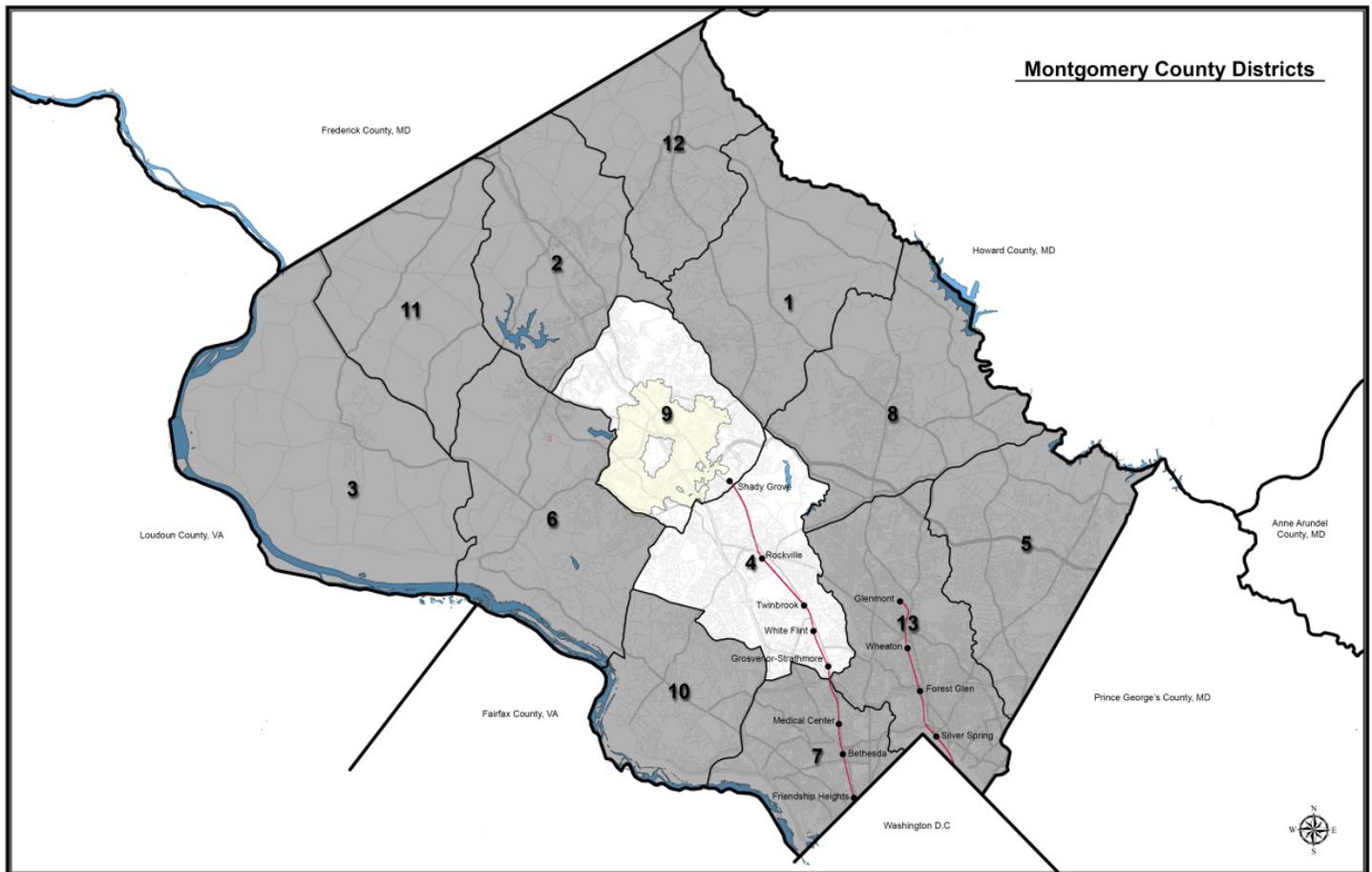


Study Area: East of I-270

As stated earlier, of the 10,934 people who live in the City east of I-270 and commute to work, the overwhelming majority of them, 4,892 (44.7%), travel to the southeast, with 1,992 (18.2%) traveling to the south, and 1,120 (10.2%) to the east for jobs. The data further demonstrates that 4,892 (44.7%) people travel in a direction that could be served by Metrorail, while 6,042 (55.3%) travel in a direction that is not directly or conveniently served by Metrorail. The data shows that 9,392 (85.9%) residents commute up to 24 miles for work. This distance is comparable with traveling from City Hall to Downtown Washington D.C.



Study Area: East of I-270



District 4 (Rockville, Twinbrook, and White Flint)

Similar to the City as a whole, the largest number of City residents living east of I-270 commute to District 4 for work, with 2,062 (18.9%) people. District 4 includes Rockville, Twinbrook, and White Flint.

District 4 is located to the southeast of the City of Gaithersburg. This data correlates to the earlier discussed figures that shows the majority of City residents east of I-270, 4,892 (44.7%), commute to work to the southeast. All of District 4 is located within ten miles of the City. This data correlates to earlier data that shows that 5,078 (46.4%), the bulk of the City's residents east of I-270, commute less than 10 miles for work.

Study Area: East of I-270

District 4 contains four Metro stations: Rockville, Twinbrook, White Flint, and Grosvenor-Strathmore. On average 723 people enter at Shady Grove and exit at one of the four Metro stations that service District 4 during AM peak hours. The chart below shows the average ridership entering at Shady Grove and exiting at one of the four Metro stations serving District 4.

Metr rail Exit Station During AM Peak Hours	Entrance at Shady Grove Station
Rockville	160.3
Twinbrook	193.7
White Flint	322.2
Grosvenor-Strathmore	46.8

While residents commuting to District 4 may travel by Metro, the 2010-2012 American Community Survey (ACS) Data shows that the majority of the City's residents are not using public transportation to commute to work. The ACS data shows that the majority of the 32,511 residents in the labor force take an automobile to work (25,680 / 79.0%), with 21,428 (65.9%) of all workers travelling alone in a vehicle. Further, the data shows that only 1,922 (5.9%) of residents travelled by Metrorail (subway or elevated).

Residents Travelling to District 4 Jobs Summary

- The largest share of City of Gaithersburg residents commute to District 4 for work, with 2,062 (18.9%).
- District 4 is located to the southeast of the City of Gaithersburg.
- District 4 correlates with the direction and distance most City residents commute for work: 4,892 (44.7%) travel to the southeast and 5,078 (46.4%) commute less than 10 miles to work.
- All of District 4 is located within 10 miles of the City of Gaithersburg.
- District 4 contains four Metro Stations: Rockville, Twinbrook, White Flint, Grosvenor-Strathmore.

District 9 (City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove)

Similar to the City as a whole, the second largest number of City residents living east of I-270 commute to District 9 for work, with 1,904 (17.4%) people. District 9 includes the City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove.

Study Area: East of I-270

All of District 9 is located within 10 miles of the City. This data correlates to the earlier discussed figures that shows the majority of City residents east of I-270, 4,892 (44.7%), commute to work to the southeast, as well as earlier data that shows the majority, 5,078 (46.4%), of the City's residents east of I-270 commute less than 10 miles for work. Of the 1,904 residents commuting to District 9, 1,087 (57.1%) are commuting to jobs within the City.

The majority of City residents living east of I-270 commute to the southeast, south, and east for work. While these directions could relate to the City residents who both live and work within the City, they do not correlate with employment areas outside of the City and within District 9. Since the City is located at the southern end of District 9, commuters traveling to the southeast and the south would be heading into District 4. Further, City residents east of I-270 commuting to the east would be heading to residential neighborhoods (Washington Grove and Montgomery Village), as well as parts of District 4, District 1, and District 8.

District 9 contains one Metro station: Shady Grove. An average of 9,557 people enter Shady Grove during AM peak hours. It is important to note that this number includes all riders entering at Shady Grove, not just City of Gaithersburg residents.

Residents Travelling to District 9 Jobs Summary

- The second highest District City residents travel to for jobs is District 9, with 1,904 (17.4%).
- The City of Gaithersburg is located wholly within District 9.
- Since the City encompasses all of District 9, it's the only district that correlates to commuting from all major directions.
- All of District 9 is within 10 miles of the City of Gaithersburg and the majority of the City's residents commute less than 10 miles to work.
- District 9 contains one Metro Station, Shady Grove, but this station does not serve the majority of the District.



Study Area: East of I-270

Washington D.C

Similar to the City as a whole, the third largest number of City residents east of I-270 commute to Washington D.C. for work, with 1,279 (11.7%) people.

Washington D.C. is located to the southeast of the City of Gaithersburg. This data correlates to the earlier-discussed figures that show the majority of City residents east of I-270, 4,892 (44.7%), commute to work to the southeast. Additionally, Washington D.C. is located within 24 miles of the City. This relates earlier data that that shows that 9,392 (85.9%) City residents living east of I-270 travel up to 24 miles for work.

Washington D.C contains 39 Metro stations, with 15 being Red Line stations. The 15 Red Line stations located within Washington D.C. are Tenleytown, Van Ness, Cleveland Park, Woodley Park, Dupont Circle, Farragut North, Metro Station, Gallery Place, Judiciary Square, Union Station, NoMa, Rhode Island Avenue, Brookland, Fort Totten, and Takoma. An average of 6742.2 people entered at Shady Grove and exited at any Washington D.C station. Furthermore, an average of 4835.2 people entered at Shady Grove and exited at any Washington D.C. station serviced by the Red Line. The chart below shows the average ridership entering at Shady Grove and exiting at one of the 15 Red Line Metro stations servicing Washington D.C. It is important to note that these ridership numbers include all riders entering at Shady Grove, not just City of Gaithersburg residents.

Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station	Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station
Tenleytown	137.3	Judiciary Square	298
Van Ness	72.9	Union Station	367
Cleveland Park	17.4	NoMa	121.8
Woodley Park	56.6	Rhode Island	12.3
Dupont Circle	455.3	Brookland	55
Farragut North	1856	Fort Totten	8
Metro Station	948	Takoma	11.4
Gallery Place	418.3		

Study Area: East of I-270

Residents Travelling to Washington DC Jobs Summary

- 1,279 (11.7%) City residents commute to work in Washington D.C.
- Washington D.C is located to the southeast of the City.
- Washington D.C. correlates with the direction and distance most City residents commute for work: 4,892 (44.7%) travel to the southeast and 4,314 (39.5%) commute between 10 and 24 miles for work.
- Washington D.C. is located more than 10 miles from the City.
- Washington D.C. contains 39 Metro stations, with 15 being Red Line stations. The 15 Red Line stations located within Washington D.C. are Tenleytown, Van Ness, Cleveland Park, Woodley Park, Dupont Circle, Farragut North, Metro Station, Gallery Place, Judiciary Square, Union Station, NoMa, Rhode Island Avenue, Brookland, Fort Totten, and Takoma.
- An average of 6742.2 people enter at Shady Grove and exit at any Washington D.C. station. Additionally, an average of 4835.2 people who enter at Shady Grove exit at any Washington D.C. station serviced by the Red Line.



Study Area: West of I-270

Staff also examined commuting trends for primary jobs into and out of areas of the City west of I-270 to compare to the City-wide findings. According to the 2011 LEHD information, 15,421 people commute to jobs in this area of the City, which includes 1,475 City residents that live and work in the City. There are 14,246 City residents west of I-270 that commute out of the City for their primary job. The data reveals that there are similarities between the West of I-270 study area and the City as a whole, including parallels related to distance and direction traveled and the top districts workers commute from and City residents travel to for their primary jobs.

Commuting Trends into the City (Where Workers Live)

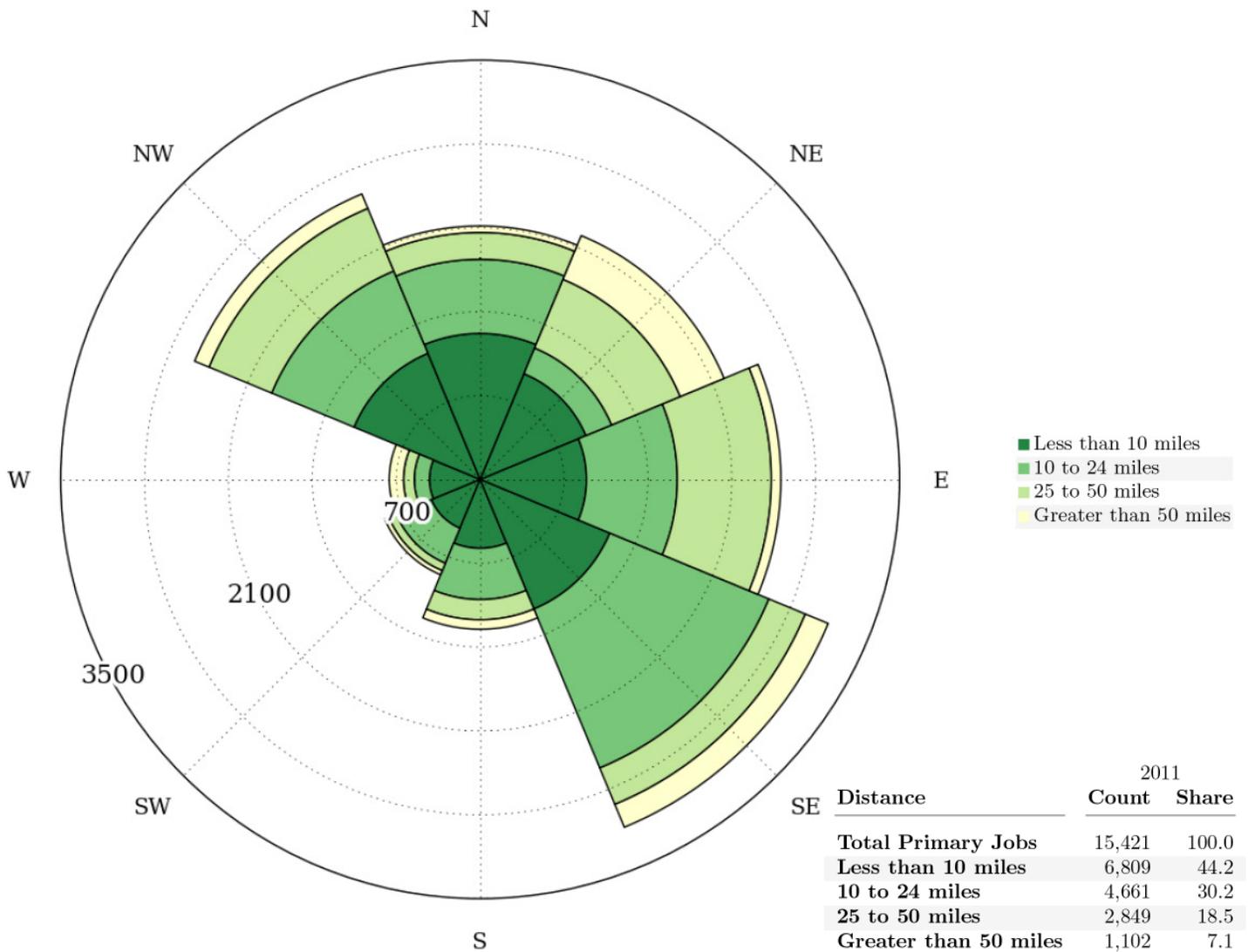
For commuting trends into areas of the City west of I-270, the data shows that the bulk of the workers commute from the southeast, northwest, and east, and commute less than 10 miles. Furthermore, the data shows that the majority of the workers in this area of the City commute from District 9 (Gaithersburg, Montgomery Village, and Germantown), District 6 (Germantown, North Potomac, and Darnestown), and District 13 (Silver Spring, Wheaton, and Aspen Hill).

Of the 15,421 people commuting to this area of the City for work, 3,143 (20.4%) travel from the southeast; 2,579 (16.7%) travel from the northwest; and 2,509 (16.2%) travel from the east. These commuter patterns could correlate with workers traveling by car on the major highway corridors of Interstate 270 (I-270), MD Route 355, and the Inter-County Connector (MD Route 200). The LEHD data demonstrates that at most⁶ 3,143 (20.4%) workers are commuting from a direction (southeast) that may be directly serviceable by Metrorail, while 12,278 (79.6%) workers are travelling from a direction that is not directly or conveniently serviceable by Metrorail. Of note, 758 (4.9%) workers travel 10-24 miles from the east, which may be serviceable by the Glenmont (19.4 miles to Shady Grove) or Wheaton (19.1 miles to Shady Grove) Metrorail stations, if those stations are considered east (rather than southeast) by the LEHD data.

⁶ The distance/direction information from the LEHD does not separately list workers who both live and work within the City of Gaithersburg, so some of the workers coming from each direction may be travelling in that direction wholly within the City and thus, Metrorail would not provide a practical means of transportation. For example, if a resident lived in Olde Towne and worked at Lockheed Martin on North Frederick Avenue (both home and work locations are within the City), the direction of travel would be coming from the southeast and less than 10 miles, but would be grouped with similar trips that originated with persons living in Rockville and Derwood and who could utilize metro for a portion of their trip.

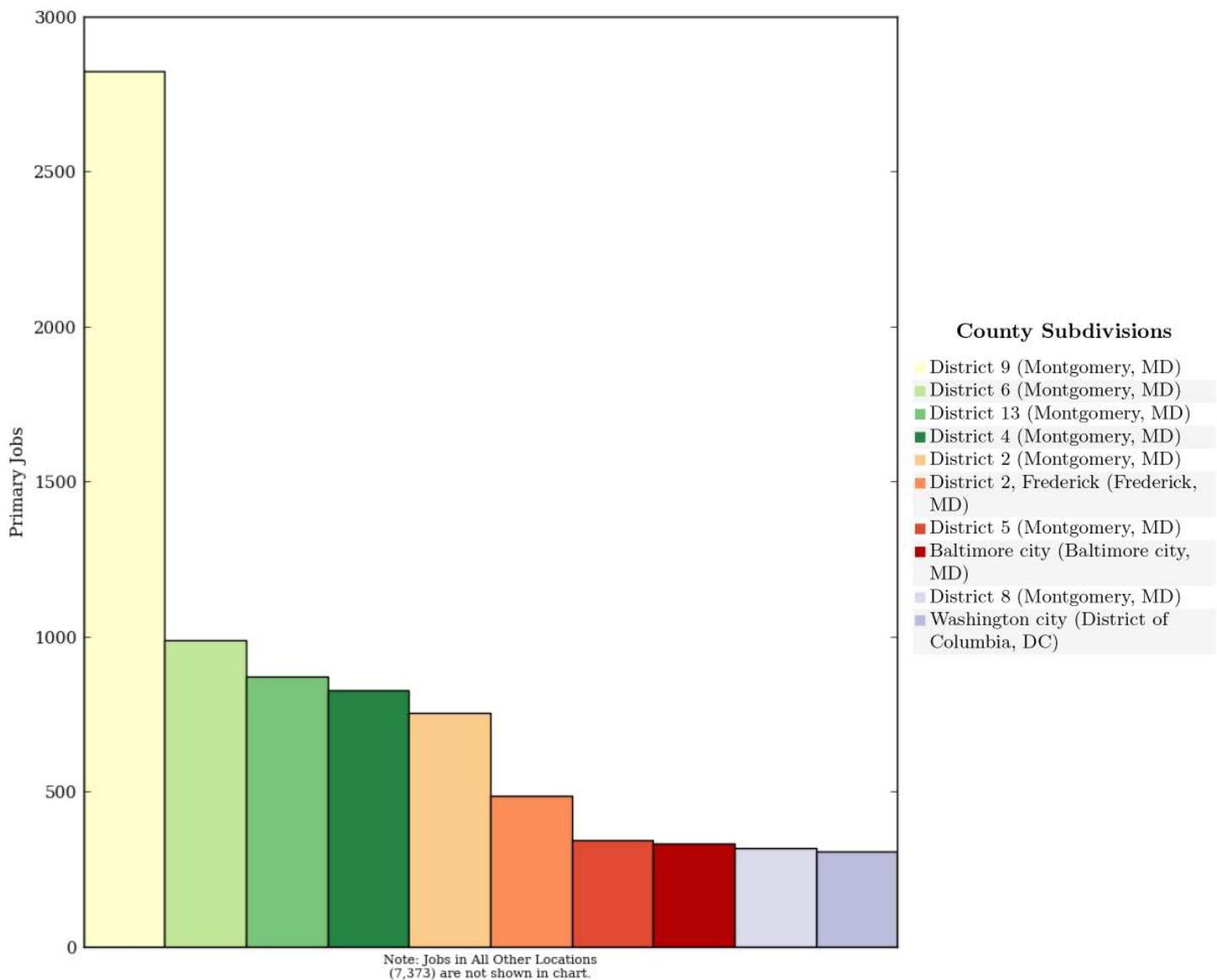


Study Area: West of I-270



According to the data, the largest share of workers, 6,809 (44.2%) commute less than 10 miles to work. This distance is comparable from traveling from City Hall to the Grosvenor-Strathmore Metro Station. The aforementioned data for the commuter's direction and distance west of I-270 is similar to the City as a whole. Additionally, both west of I-270 and the City have the same top three directions traveled, as well as travel distance. Further similarities can be found when commuter trends are compared to the top Districts workers commute from.

Study Area: West of I-270

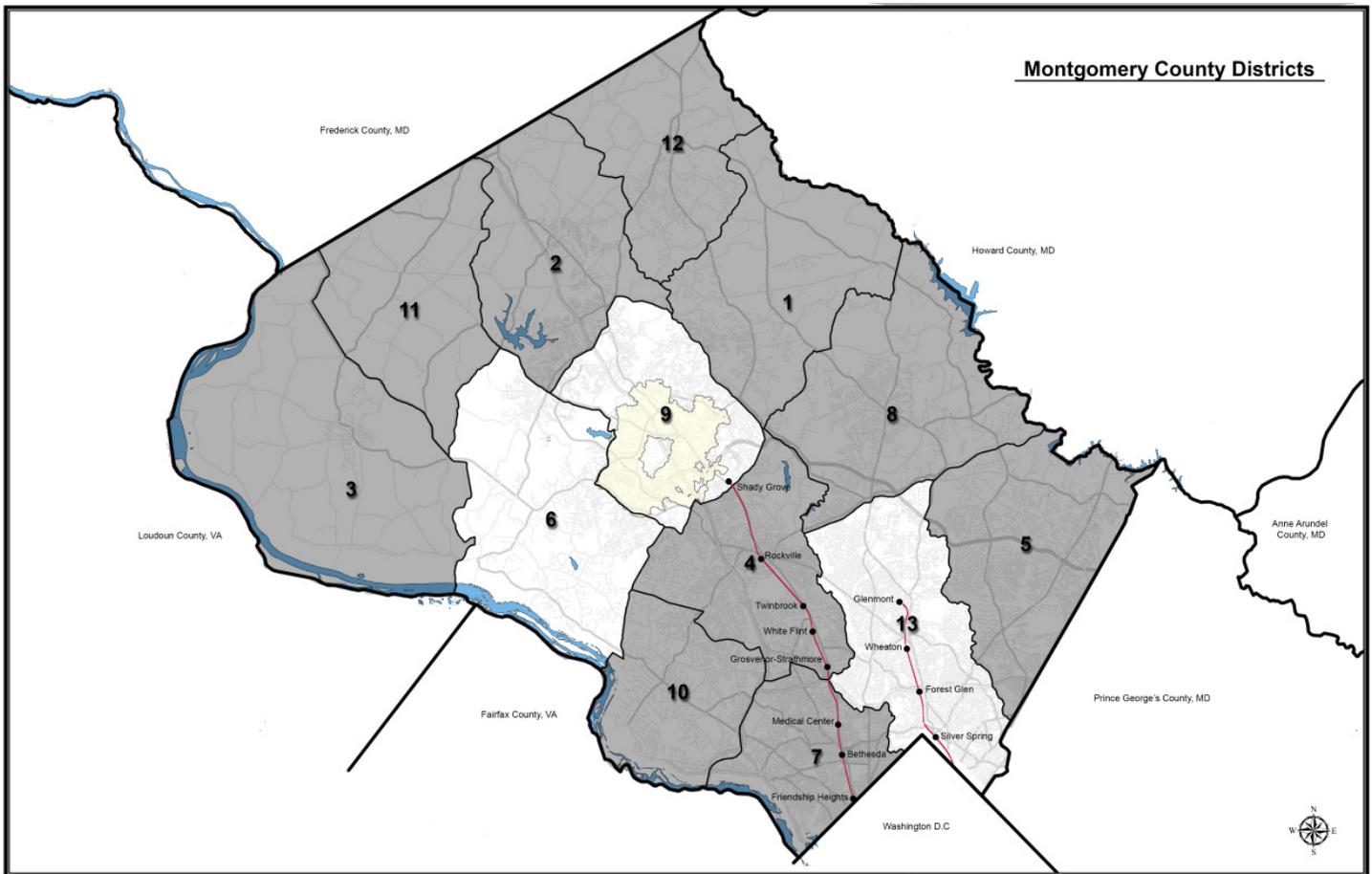


The area west of I-270 does differ slightly from the City as a whole when looking at the top three Districts workers commute from. Like the City as a whole, District 9 (Gaithersburg, Montgomery Village, Germantown) remains the top district that workers commute from. But unlike the City as a whole, the second most common district workers commute from is District 6 (Germantown, North Potomac, Darnestown) instead of District 13 (Silver Spring, Wheaton, and Aspen Hill), which becomes the third most common district workers commute from instead of District 6 for the City as a whole. Thus, the top three districts workers commute from are identical for the area west of I-270 and the City as a whole, but the second and third most common origin districts are reversed for the area west of I-270.



Study Area: West of I-270

The area west of I-270 also differs slightly from the City as a whole when looking at the top three directions workers commute from. Like the City as a whole, southeast is the most common direction workers commute from, but the next most common directions for the area west of I-270, northwest and east, respectively, are reversed from the City as a whole, which has east as the second most common and northwest as the third most common direction workers commute from.



District 9 (City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove).

Similar to the City as a whole, the largest number of workers commuting to work in the City west of I-270 originate from District 9, with 2,821 people (18.3% of all workers west of I-270). As stated earlier, District 9 is comprised of the City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove. District 9 is exclusive in that it wholly contains the City of Gaithersburg, and 1,475 (52.3%) of the 2,821 workers commuting from District 9 both live and work in the City.



Study Area: West of I-270

As discussed previously, the City is entirely located within District 9, and District 9 it is the only District that correlates to commuting from all the major cardinal directions. Workers in the City west of I-270 commute from the southeast, northwest, and east. These directions could correlate with workers commuting from Derwood (southeast), Germantown (northwest), and Montgomery Village and Washington Grove (east), all located within District 9. Further, all of District 9 is located within ten miles of the City of Gaithersburg. This correlates with earlier information that shows that the majority of workers in the City west of I-270, 6,809 (44.2%), commute less than ten miles to work.

District 9 contains one Metro station, Shady Grove. An average of 871.2 people exit at Shady Grove during AM peak hours. It is important to note that these ridership numbers include all riders exiting at Shady Grove, not just workers going to jobs in the City of Gaithersburg.

Workers Living in District 9 Summary

- The majority of City of Gaithersburg workers west of I-270 commute from District 9, with 2,821 (18.3%). District 9 contains all of the City of Gaithersburg and 1,475 of the 2,821 workers commuting from District 9 both live and work in the City.
- The City of Gaithersburg is wholly located within District 9.
- Since the District encompasses all of District 9, it's the only district that affords commuting from all the major directions.
- As discussed earlier, the top three cardinal directions people commute from to work west of I-270 are the southeast, east, and northeast.
- All of District 9 is within 10 miles of the City of Gaithersburg, which correlates with earlier data that shows the majority of the workers in the City west of I-270 commute less than 10 miles to work, 6,809 (44.2%).
- District 9 contains one Metro Station, Shady Grove, but is unlikely to serve the workers commuting from their homes in District 9.

District 6 (Germantown, North Potomac, and Darnestown).

The second largest number of workers in the City west of I-270 commute from District 6, with 988 (6.4%). District 6 is comprised of Germantown, North Potomac, and Darnestown. District 6 is the third most common origin of workers for the City as a whole.



Study Area: West of I-270

District 6 is located to the north and west of the City of Gaithersburg. The data shows that 758 (4.9%) of the City's workforce commutes from the west. Interestingly, this direction has the fewest workers commuting from it. All of District 6 is located within ten miles of the City. As stated before, this data correlates with earlier information that shows that the majority of the workers in the City west of I-270, 6,809 (44.2%), commute less than ten miles to work. District 6 contains no Metro stations.

Workers Living in District 6 Summary

- The second largest number of workers in the City west of I-270 commute from District 6, 988 (6.4%).
- District 6 is located to the west of the City of Gaithersburg.
- Only 758 (4.9%) of workers at City jobs west of I-270 commute from the west for work. This is the fewest number of workers from all the cardinal directions.
- All of District 6 is located within 10 miles of the City of Gaithersburg.
- District 6 contains no Metro Stations.

District 13 (Silver Spring, Wheaton, and Aspen Hill).

The third largest number of workers in the City west of I-270 commute from District 13, with 870 (5.6%). District 13 is comprised of Silver Spring, Wheaton, and Aspen Hill. District 13 is the second most common origin of workers for the City as a whole.

District 13 is located to the southeast of the City of Gaithersburg. This data correlates to the earlier discussed figures that shows the majority of workers in the City west of I-270, 3,143 (20.4%), commute to work from the southeast. Further, roughly half of District 13 is located within ten miles of the City. As stated earlier, the majority of the workers in the City west of I-270, 6,809 (44.2%), commute less than ten miles to work. This data could show that the majority of the workers in the City west of I-270 commuting from District 13 might originate from the northern area of the District. This area includes both Wheaton and Aspen Hill, but does not include Silver Spring.

District 13 contains four Metro stations: Glenmont, Wheaton, Forest Glen, and Silver Spring. Of the four stations located in District 13, only two are located within ten miles of the City: Glenmont and Wheaton. Based on this, the in-commuting workforce west of I-270 and originating from District 13 could be served by Metro. The data shows that on average 13.5 people enter at one of the four Metro stations that service District 13 and exit at Shady Grove during AM peak hours. The chart below shows the average ridership for the four Metro stations servicing District 13 and exiting at Shady Grove during AM peak hours. It is important to note that this number includes all riders exiting at Shady Grove, not just workers going to jobs in the City of Gaithersburg.



Study Area: West of I-270

Metrorail Entrance Station During AM Peak Hours	Exit at Shady Grove Station
Glenmont	1.2
Wheaton	0.5
Forest Glen	0.5
Silver Spring	11.3

This data could show that the majority of the workforce traveling from District 13 travels by some mode of transportation other than Metro rail. As was shown previously, using both the WMATA and the ACS data, assumptions can be made that the majority of workers commuting to jobs in the City west of I-270 are driving.

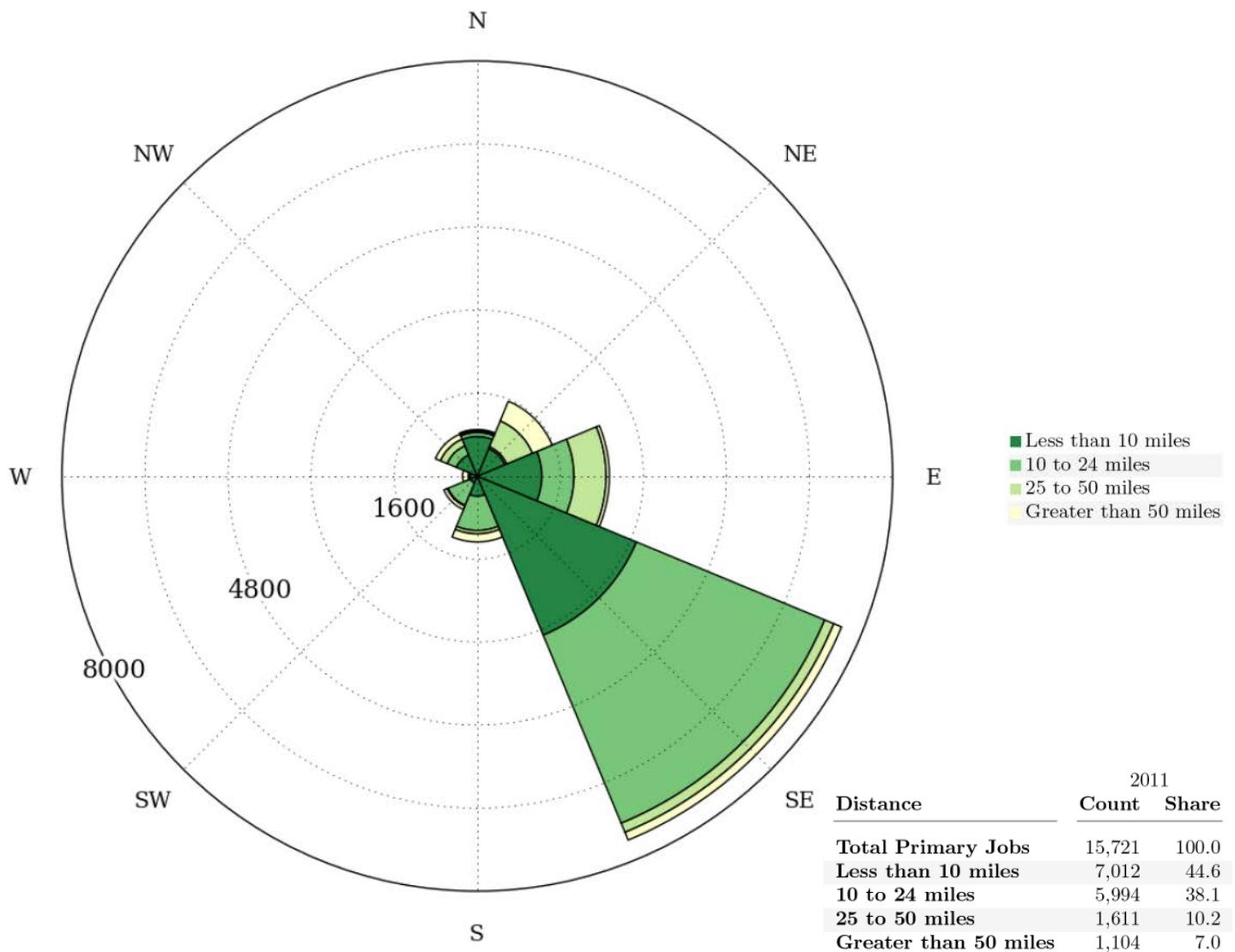
Workers Living in District 13 Summary

- The third largest number of workers in the City west of I-270 commute from District 13, 870 (5.6%).
- District 13 is located to the southeast of the City of Gaithersburg.
- This correlates to the direction the majority of workers in the City west of I-270 commute from, southeast, with 3,143 (20.4%) workers.
- Roughly half of District 13 is located within 10 miles of the City.
- District 13 contains four Metro Stations: Glenmont, Wheaton, Forest Glen, and Silver Spring.
- Only 2 Metro Stations in District 13 are located within 10 miles of the City: Glenmont and Wheaton.
- At least some of the in-commuting workforce from District 13 could be served by Metro.
- When compared to the WMATA data on average, only a small number of passengers enter a District 13 station and exit at Shady Grove during AM peak hours.
- The WMATA and ACS data imply that the majority of the workforce commuting from District 13 uses some mode of transportation other than Metrorail.

Study Area: West of I-270

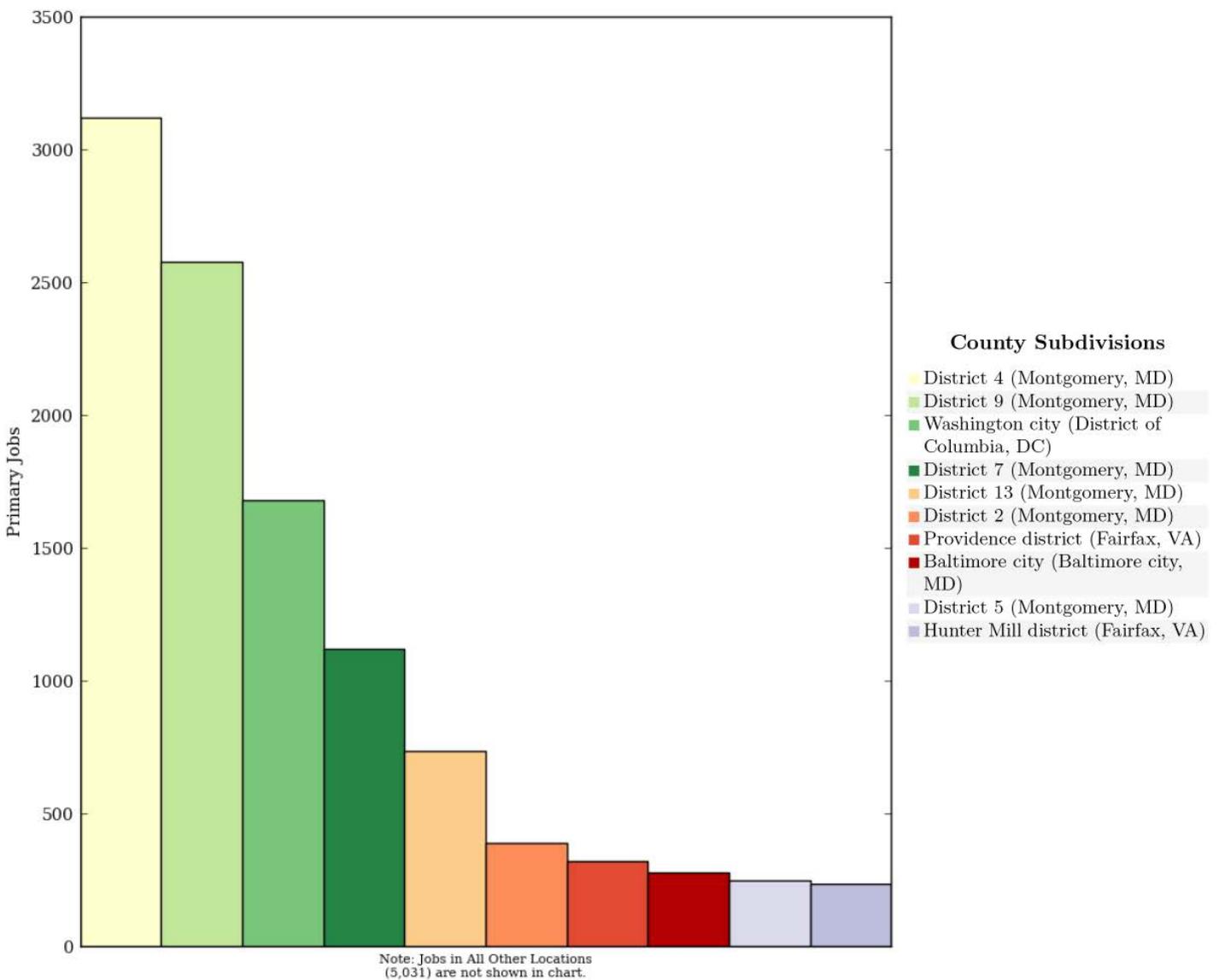
Commuting Trends Out of the City (Where City Residents Work)

As with the City as a whole, the bulk of City residents living west of I-270 travel less than 10 miles to their jobs. Like the City as a whole, the two most common travel directions for residents are the southeast followed by the east. But unlike the City as a whole, the third most common direction of travel for residents is the northeast rather than the south. Furthermore, the data shows that the majority of the workers in this area of the City commute to District 4 (Rockville, Twinbrook, White Flint), followed by District 9 (City of Gaithersburg, Montgomery Village, Germantown, Washington Grove), and lastly Washington D.C., which are the same top three districts that residents in the City as a whole commute to.



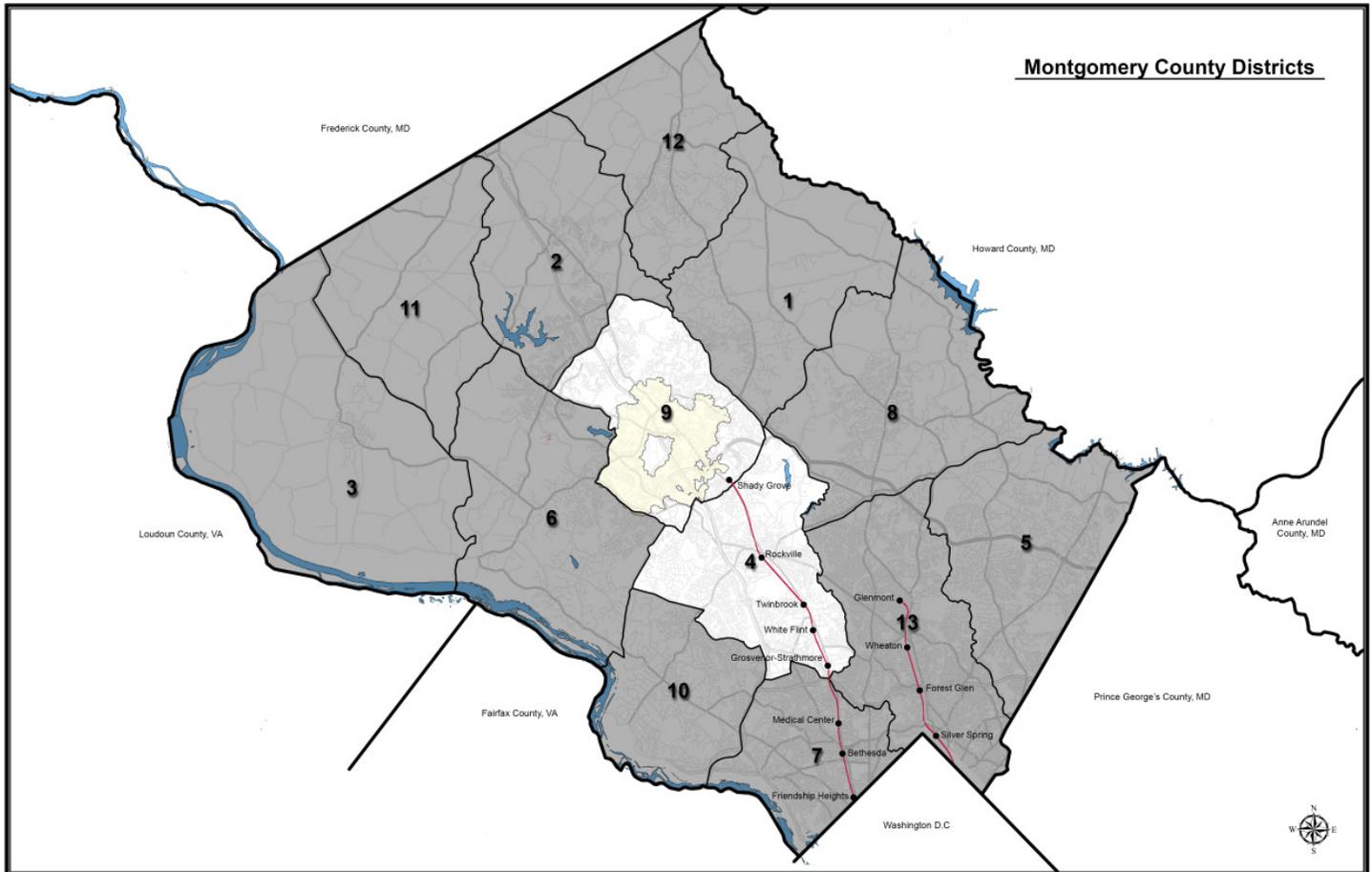
Study Area: West of I-270

Of the 15,721 people who live in the City west of I-270 and commute to work, the overwhelming majority of them, 7,594 (48.3%), travel to the southeast. Further, 2,544 (16.2%) travel to the east, and 1,561 (9.9%) travel to the northeast for work. The data further demonstrates that 7,594 (48.3%) people commute in a direction that could be served by Metrorail, while 8,127 (51.7%) travel in a direction that is not directly or conveniently served by Metrorail. Finally, the data shows that 13,006 (82.7%) residents commute up to 24 miles for work. This distance is comparable from traveling from City Hall to Downtown Washington D.C. Further similarities can be found when commuter trends are compared to the top Districts workers commute from.



Study Area: West of I-270

The area west of I-270 does differ from the City as a whole when looking at the top three travel directions residents commute to. Two of the directions, southeast and east, are the same for the area west of I-270 and the City as a whole. But the area west of I-270 has northeast as its third top travel direction, unlike the City as a whole, which has south as its third top travel direction. However, travel in both a southerly and northeasterly direction is not directly serviceable by Metrorail.



District 4 (Rockville, Twinbrook, White Flint)

District 4 is the top district for City residents living west of I-270 commuting to for work, with 3,118 (19.8%). District 4 is comprised of Rockville, Twinbrook, and White Flint.



Study Area: West of I-270

District 4 is located to the southeast of the City of Gaithersburg. This data correlates to the earlier discussed figures that show the majority of City residents west of I-270 (48.3%) commute to work to the southeast. All of District 4 is located within ten miles of the City. This data correlates to earlier data that shows that the majority of City residents west of I-270 (82.5%) commute up to 24 miles for work, with 44.5 % commuting ten miles or less.

District 4 contains four Metro stations: Rockville, Twinbrook, White Flint, and Grosvenor-Strathmore. On average 723 people enter at Shady Grove and exit at one of the four Metro stations that serve District 4 during AM peak hours. The chart below shows the average ridership entering at Shady Grove and exiting at one of the four aforementioned Metro stations. It is important to note that these ridership numbers include all riders entering at Shady Grove, not just City of Gaithersburg residents.

Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station
Rockville	160.3
Twinbrook	193.7
White Flint	322.2
Grosvenor-Strathmore	46.8

While residents commuting to District 4 may be served by Metrorail, the 2010-2012 American Community Survey (ACS) Data shows that the majority of the City's residents are not using public transportation to commute to work. The ACS data shows that the majority of the 32,511 residents in the labor force take an automobile to work (25,680 / 79.0%), with 21,428 (65.9%) of all workers travelling alone in a vehicle. Further, the data shows that only 1,922 (5.9%) of residents travelled by Metrorail (subway or elevated).

Residents Travelling to District 4 Jobs Summary

- The majority of City of Gaithersburg residents west of I-270 commute to District 4 for work, 3,118 (19.8%).
- District 4 is located to the southeast of the City of Gaithersburg.
- District 4 correlates with the direction and distance most City residents west of I-270 commute to work, with 48.3% travelling to the southeast and 44.6% travelling less than 10 miles to work.
- All of District 4 is located within 10 miles of the City of Gaithersburg.
- District 4 contains four Metro Stations: Rockville, Twinbrook, White Flint, and Grosvenor-Strathmore.

Study Area: West of I-270

District 9 (City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove)

Similar to the City as a whole, the second largest number of City residents living west of I-270 commute to District 9 for work, with 2,576 (16.4%). District 9 is comprised of the City of Gaithersburg, Montgomery Village, Germantown, and Washington Grove.

As discussed earlier, the majority of City residents living west of I-270 commute to the southeast, east, and northeast. While these directions could relate to City residents living and working within the City, it does not correlate with employment areas outside of the City and within District 9. Since the City is located at the southern end of District 9, commuters traveling to the southeast and the south would be heading into District 4. Further, City residents west of I-270 commuting to the east would be heading to residential neighborhoods (Washington Grove and Montgomery Village), as well as parts of District 4, District 1, and District 8.

All of District 9 is located within 10 miles of the City. This data correlates to earlier data that shows that 13,006 (82.7%), the majority of City residents west of I-270, commute up to 24 miles for work, with 7,012 (44.6%) commuting ten miles or less.

District 9 contains one Metro station, Shady Grove. An average of 9,557 people enter the Shady Grove Station during AM peak hours. It is important to note that this number includes all riders entering at Shady Grove, not just City of Gaithersburg riders.

Residents Travelling to District 9 Jobs Summary

- The second highest District City residents west of I-270 travel to for work is District 9, with 2,576 (16.4%).
- The City of Gaithersburg is located wholly within District 9.
- All of District 9 is within 10 miles of the City of Gaithersburg, which correlates with earlier data that shows the majority of the City's residents west of I-270 commute less than 10 miles to work, 7,012 (44.6%).
- District 9 contains one Metro Station: Shady Grove.



Study Area: West of I-270

Washington D.C

Similar to the City as a whole, the third largest number of City residents west of I-270 commute to Washington D.C. for work, with 1,680 (10.7%) people.

Washington D.C. is located to the southeast of the City of Gaithersburg. This data correlates to earlier discussed figures that show the majority of City residents west of I-20, 7,594 (48.3%) commute to work to the southeast. Additionally, Washington D.C. is located within 24 miles of the City. This relates to earlier data that shows 13,006 (82.7%) City residents west of I-270 travel up to 24 miles for work.

Washington D.C. contains 39 Metro stations, with 15 being Red Line stations. The 15 Red Line stations located within Washington D.C. are Tenleytown, Van Ness, Cleveland Park, Woodley Park, Dupont Circle, Farragut North, Metro Station, Gallery Place, Judiciary Square, Union Station, NoMa, Rhode Island Avenue, Brookland, Fort Totten, and Takoma. An average of 6742.2 people who entered at Shady Grove exited at any Washington D.C. station. Furthermore, an average of 4835.2 people who entered at Shady Grove exited at on the Red Line stations in Washington D.C. The chart below shows the average ridership entering at Shady Grove and exiting at one of the 15 Red Line Metro stations servicing Washington D.C. It is important to note that these ridership numbers include all riders entering at Shady Grove, not just City of Gaithersburg residents.

Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station	Metrorail Exit Station During AM Peak Hours	Entrance at Shady Grove Station
Tenleytown	137.3	Judiciary Square	298
Van Ness	72.9	Union Station	367
Cleveland Park	17.4	NoMa	121.8
Woodley Park	56.6	Rhode Island	12.3
Dupont Circle	455.3	Brookland	55
Farragut North	1856	Fort Totten	8
Metro Station	948	Takoma	11.4
Gallery Place	418.3		

Study Area: West of I-270

Residents Travelling to Washington DC Jobs Summary

- 1,680 (10.7%) City residents commute to work in Washington D.C., which is the third-highest jobs destination for residents west of I-270.
- Washington D.C. is located to the southeast of the City.
- Washington D.C. correlates with the direction and distance most City residents west of I-270 commute for work. 7,594 (48.3%) travel to the southeast. Additionally, 5,994 (38.1%) commute between 10 to 24 miles for work.
- Washington D.C. is located more than 10 miles from the City.
- Washington D.C. contains 39 Metro stations, with 15 being Red Line stations. The 15 Red Line stations located within Washington D.C. are Tenleytown, Van Ness, Cleveland Park, Woodley Park, Dupont Circle, Farragut North, Metro Station, Gallery Place, Judiciary Square, Union Station, NoMa, Rhode Island Avenue, Brookland, Fort Totten, and Takoma.

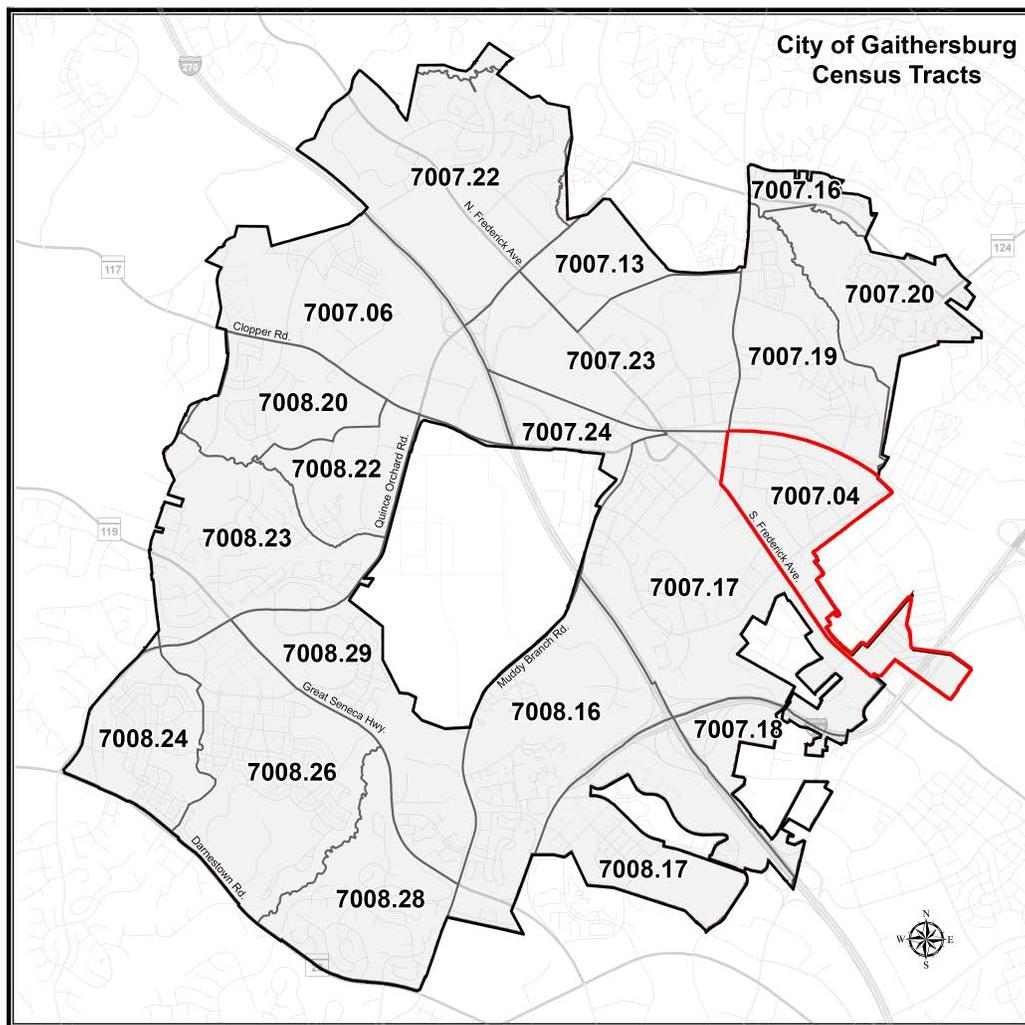


Study Area: Census Tracts

Staff, upon reviewing commuting trends both City-wide and east and west of I-270, then reviewed commuting trends by Census Tract within the City for comparison.

Census Tract 7007.04

Census tract 7007.04 is located east of I-270 and includes both residential neighborhoods (Deer Park and Gateway Commons) and commercial development along South Frederick Avenue. Of note, this census tract contains City Hall.



Approximately 2,609 people work in this census tract. Most workers commute from District 9 (441 / 16.9%), with most workers commuting from the southeast (629 / 24.1%). Most workers commute less than 10 miles (1,071 / 41.1%).

Study Area: Census Tracts

Approximately 1,015 residents in this census tract commute to work. Most residents commute to District 4 (215 / 21%) for work. Most residents commute to the southeast (498 / 49%) and commute less than 10 miles (502 / 50%).

The commuting patterns of Census tract 7007.04 are similar to the City's as a whole, except more workers commute from District 4 than from District 6 and more residents commute to the northwest than to the east.

- The tract includes both residential neighborhoods and commercial development, as well as City Hall.
- This tract mirrors the commuting patterns of the City as a whole, except more workers commute from District 4 than from District 6 and more residents commute to the northwest than to the east.

Workers (primary jobs)

- 2,609 people work in this census tract (7.4% of all City jobs)
- Top 3 Districts workers commute from: District 9 (441 / 16.9%), District 13 (174 / 6.7%), and District 4 (135 / 5.2%)
- Top 3 directions workers commute from: southeast (629 / 24.1%), northwest (529 / 20.2%), and east (359 / 13.8%)
- Most workers commute less than 10 miles (1,071 / 41.1%), with the majority travelling up to 24 miles (1,932 / 74.1%)

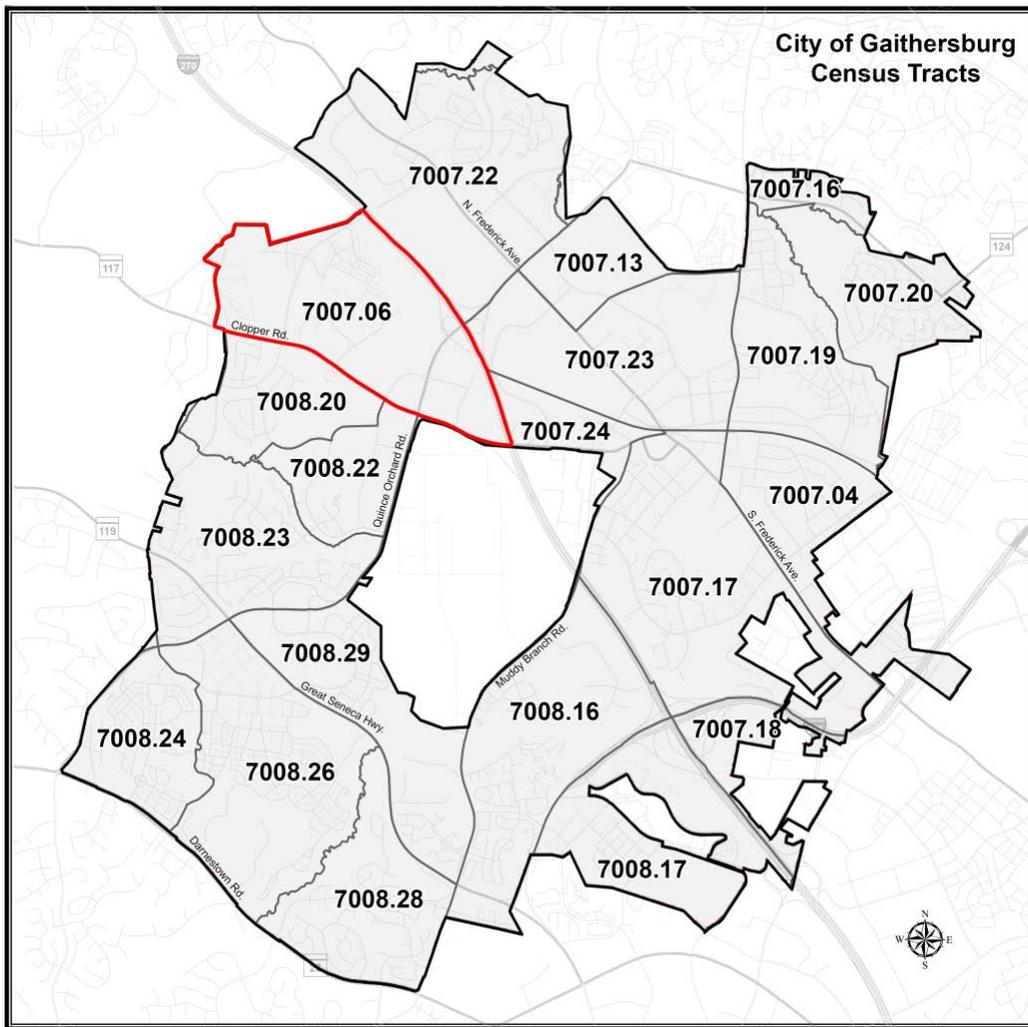
Residents (population)

- 1,015 residents in this census tract commute to work (3.8% of City residents who work)
- Top 3 Districts residents commute to: District 4 (215 / 21%), District 9 (176 / 17%), and Washington D.C. (153 / 15%)
- Top 3 directions residents commute to: southeast (498 / 49.1%), south (191 / 18.8%), and northwest (85 / 8.4%)
- Most residents commute less than 10 miles (502 / 49.5%), with the majority travelling up to 24 miles (949 / 93.5%)

Study Area: Census Tracts

Census Tract 7007.06

Census tract 7007.06 is located west of I-270 and includes residential neighborhoods (Parklands, Echo Dale, and Orchard Pound) and commercial development (Diamond Square, Quince Tree Executive Center, and Metropolitan Grove Park). It is important to note that the data used is from 2011 and thus does not include the completed Parklands at Watkins Mill Town Center residential development.



Approximately 1,381 residents in this census tract commute to work. Most residents commute to District 9 (261 / 18.9%). The majority of residents commute to the southeast (805 / 58.3%), and most commute less than 10 miles (640 / 46.3%).



Study Area: Census Tracts

Unlike the City as a whole, most incoming workers commute from the east rather than from the southeast. Additionally, unlike the City as a whole, most residents in this tract commute within District 9. It is important to note that just about as many residents commute to District 9 (261) as District 4 (260). Also, more workers commute from District 2 than from District 6. The remaining commuter characteristics of census tract 7007.06 are roughly similar to the City as a whole.

- The tract includes both residential neighborhoods and commercial development.
- Minor differences between the commuting patterns of this census tract and the City as a whole

Workers (primary jobs)

- 2,130 people work in this census tract (6.0% of all City jobs)
- Top 3 Districts workers commute from: District 9 (413 / 19.4%), District 6 (125 / 5.9%), and District 2 (102 / 4.8%)
- Top 3 directions workers commute from: east (372 / 17.5%), northwest (361 / 16.9%), and southeast (351 / 16.5%)
- Most workers commute less than ten miles (974 / 45.7%), with the majority travelling up to 24 miles (1,517 / 71.2%)

Residents (population)

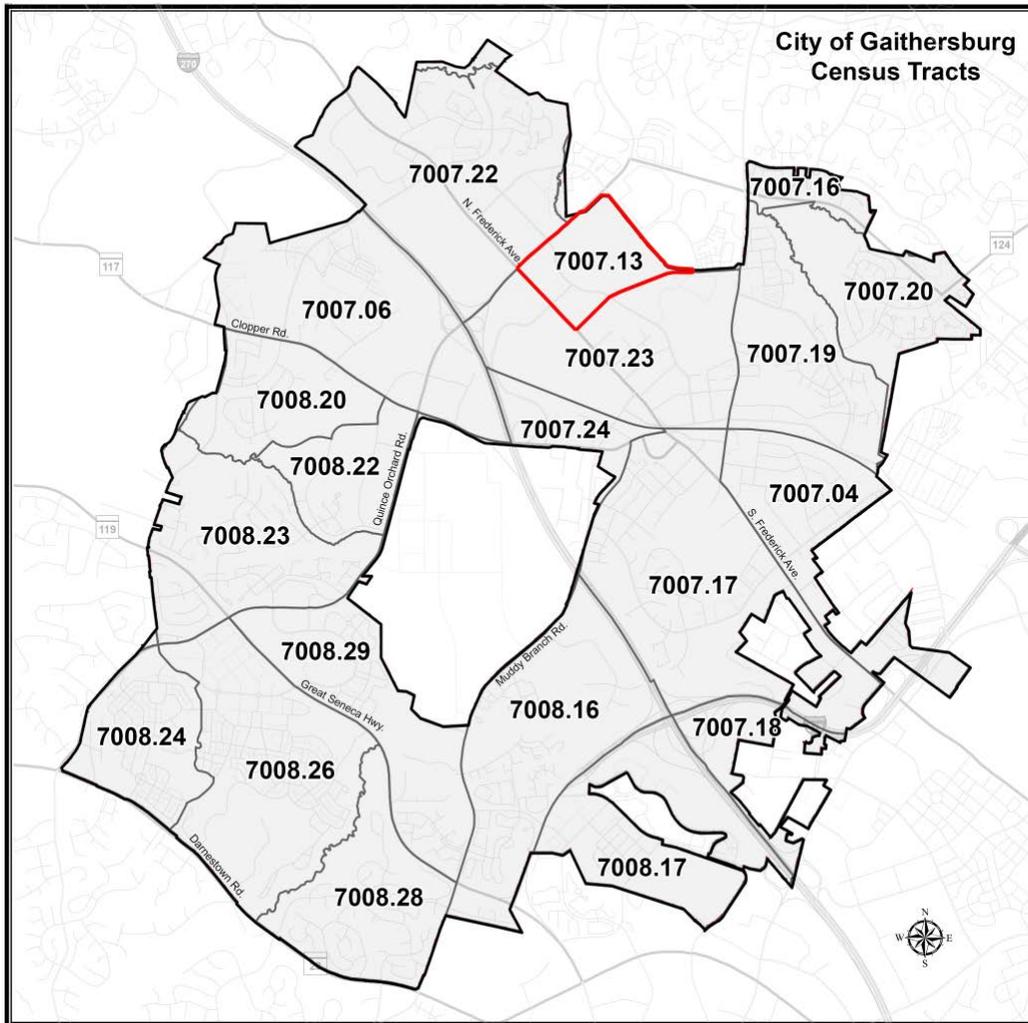
- 1,381 residents in this census tract commute to work (5.2% of City residents who work)
- Top 3 Districts residents commute to: District 9 (261 / 18.9%), District 4 (260 / 18.8%), and Washington D.C (168 / 12.2%)
- Top 3 directions residents commute to: southeast (805 / 58.3%), east (192 / 13.9%), and south (147 / 10.6%)
- Most residents commute less than 10 miles (640 / 46.3%), with most travelling up to 24 miles (1,262 / 91.4%)



Study Area: Census Tracts

Census Tract 7007.13

Census tract 7007.13 is located east of I-270 and includes Lakeforest Mall and a variety of office and retail uses. It is important to note that the portion of the census tract within the City does not include any residential, although the Census shows a very small number of residents living in this tract.



Approximately 2,204 people work in this census tract. Most workers commute from District 9 (354 / 16.1%), with most of the workers commuting from the southeast (527 / 23.9%). Most workers commute less than 10 miles (804 / 36.5%).



Study Area: Census Tracts

Approximately 6 residents live in this census tract and commute to work. As stated earlier, while the Census shows residents in the City-portion of this tract, the City has no record of residential units in this tract. (One would expect that the small number of residents counted by the Census are security or caretaker workers who are allowed to live on site, but interestingly, the Census shows all 6 residents commuting to District 4 and District 9, with none living in District 9.) Because of the small number of residents and lack of City-approved residential units, staff has chosen not to include the resident commuter statistics.

The worker commuting patterns of Census tract 7007.13 are similar to the City's as a whole, except that more workers commute from District 2 than from District 6. Unlike the City as a whole, Census tract 7007.13 contains no residential units.

- Includes Lakeforest Mall and a variety of office and retail uses.
- No residential units are within the tract and thus, no resident commuters.

Workers (primary jobs)

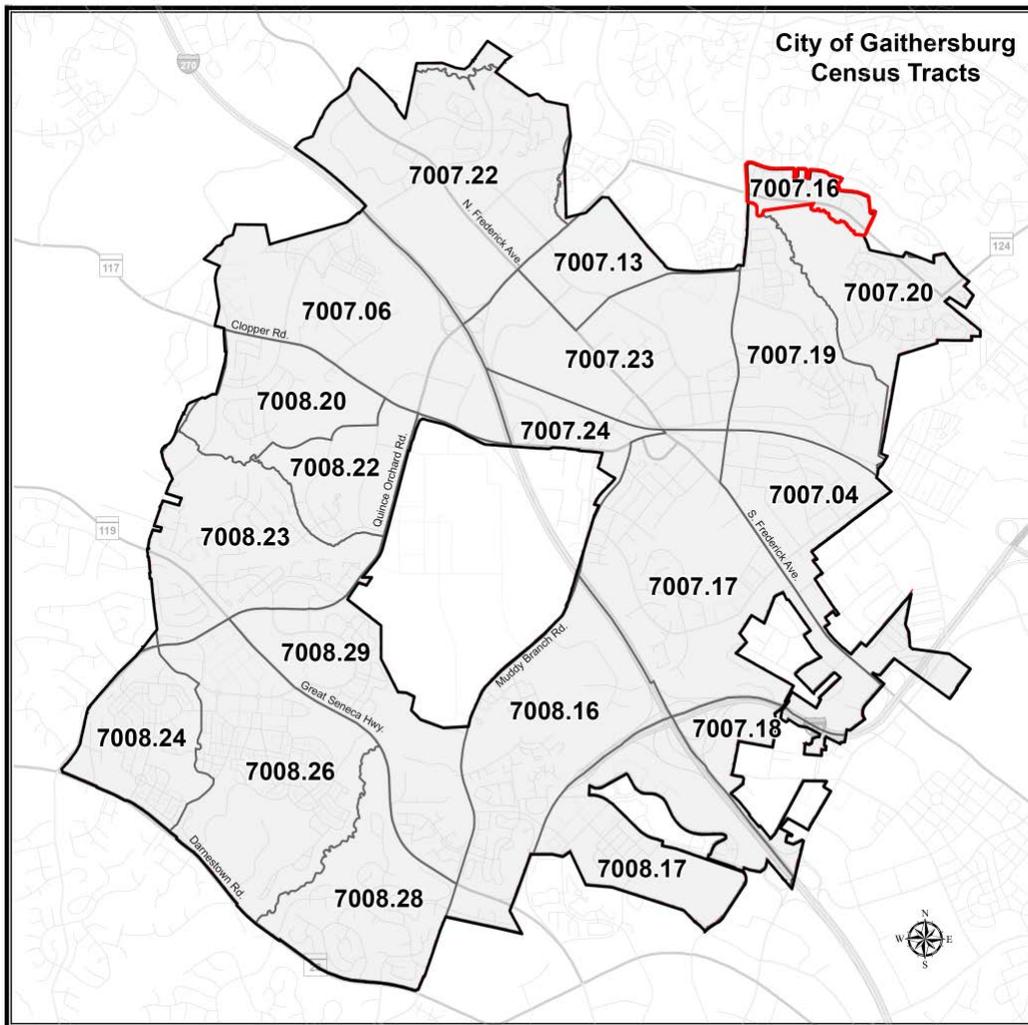
- 2,204 people work in this census tract (6.2% of all City jobs)
- Top 3 Districts workers commute from: District 9 (354 / 16.1%), District 13 (127 / 5.8%), and District 2 (113 / 5.1%)
- Top 3 directions workers commute from: southeast (527 / 23.9%), east (423 / 19.2%), and northwest (416 / 18.9%)
- Most workers commute less than 10 miles (804 / 36.5%)



Study Area: Census Tracts

Census Tract 7007.16

Census tract 7007.16 is located east of I-270 and consists of residential neighborhoods (Hidden Creek, Emory Woods, and Maple Hill) for the portion of the tract within the City.



The Census shows there are 10 workers in this tract, who could be self-employed, telecommuting, or working at a home-based business. The majority of the workers (8) do not work in District 9. Because of the small number of workers and lack of non-residential buildings, no worker information is discussed for this census tract.



Study Area: Census Tracts

Approximately 112 City residents in this census tract commute to work. Most residents commute to District 4 (49 / 43.8%). Most residents commute to the south (53 / 47.3%) and commute less than 10 miles (101 / 90.2%).

Unlike the City as a whole, most of the residents commute to the south, the overwhelming majority of the residents commute less than 10 miles, and more residents commute to District 1 than to Washington D.C. Also unlike the City as a whole, there are no non-residential buildings in Census tract 7007.16 and thus no workers. The remaining commuter characteristics of Census tract 7007.16 are roughly similar to the City as a whole.

- Consists of residential neighborhoods (Hidden Creek land bay 1 and 2, Emory Woods, and Maple Hill).
- No non-residential buildings are in this tract, and thus no workers.

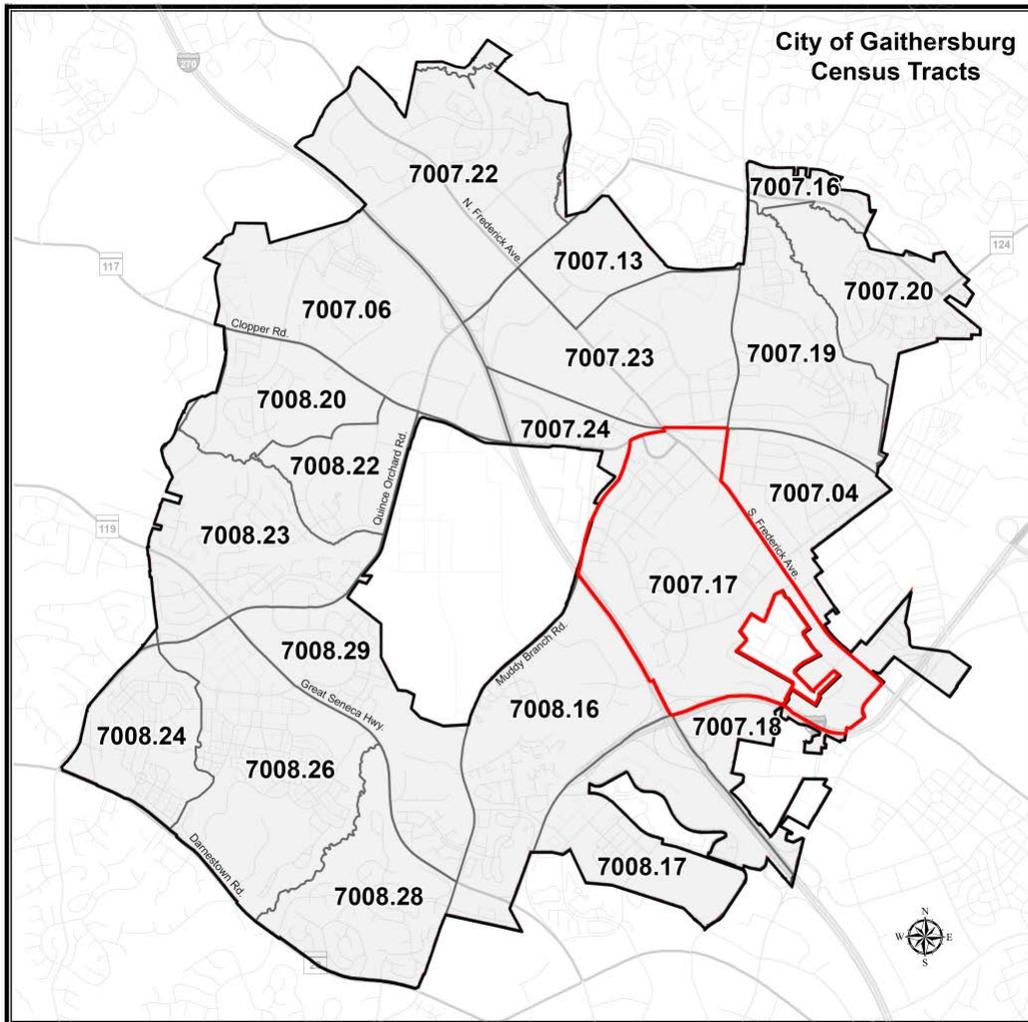
Residents (population)

- 112 residents in this census tract commute to work (0.4% of City residents who work)
- Top 3 Districts residents commute to: District 4 (49 / 43.8%), District 9 (40 / 35.7%), and District 1 (4 / 3.6%)
- Top 3 directions residents commute to: south (53 / 47.3%), southeast (26 / 23.2%), and southwest (11 / 9.8%)
- Overwhelming majority of residents commute less than 10 miles (101 / 90.2%)

Study Area: Census Tracts

Census Tract 7007.17

Census tract 7007.17 is located east of I-270 and includes residential neighborhoods (Observatory Heights, Brighton East, and Foxwood), as well as commercial development along South Frederick Avenue. Of note, this tract contains the City's Activity Center at Bohrer Park and Gaithersburg High School.



Approximately 1,292 people work in this census tract. Most workers commute from District 9 (192 / 14.9%). Most workers commute from the southeast (330 / 25.5%) and most workers commute less than 10 miles (581 / 45.0%).



Study Area: Census Tracts

Approximately 2,364 residents in this census tract commute to work. Most residents commute to District 4 (437 / 18.5%). Most residents commute to the southeast (1,162 / 49.2%) and commute less than 10 miles (1,089 / 46.1%).

Census tract 7007.17 is roughly similar to the City as a whole.

- Consists of both residential neighborhoods, including Observatory Height, Brighton East, and Foxwood, as well as commercial development along South Frederick (Route 355).
- This tract also contains the City's Activity Center at Bohrer Park and Gaithersburg High School.

Workers (primary jobs)

- 1,292 people work in this census tract (3.6% of all City jobs)
- Top 3 Districts workers commute from: District 9 (192 / 14.9%), District 13 (110 / 8.5%), and District 4 (68 / 5.3%)
- Top 3 directions workers commute from: southeast (330 / 25.5%), northwest (207 / 16.0%), and east (192 / 14.9%)
- Most workers commute less than 10 miles (581 / 45.0%)

Residents (population)

2,364 residents in this census tract commute to work (8.9% of City residents who work)

Top 3 Districts residents commute to: District 4 (437 / 18.5%), District 9 (376 / 15.9%), and Washington D.C. (299 / 12.6%)

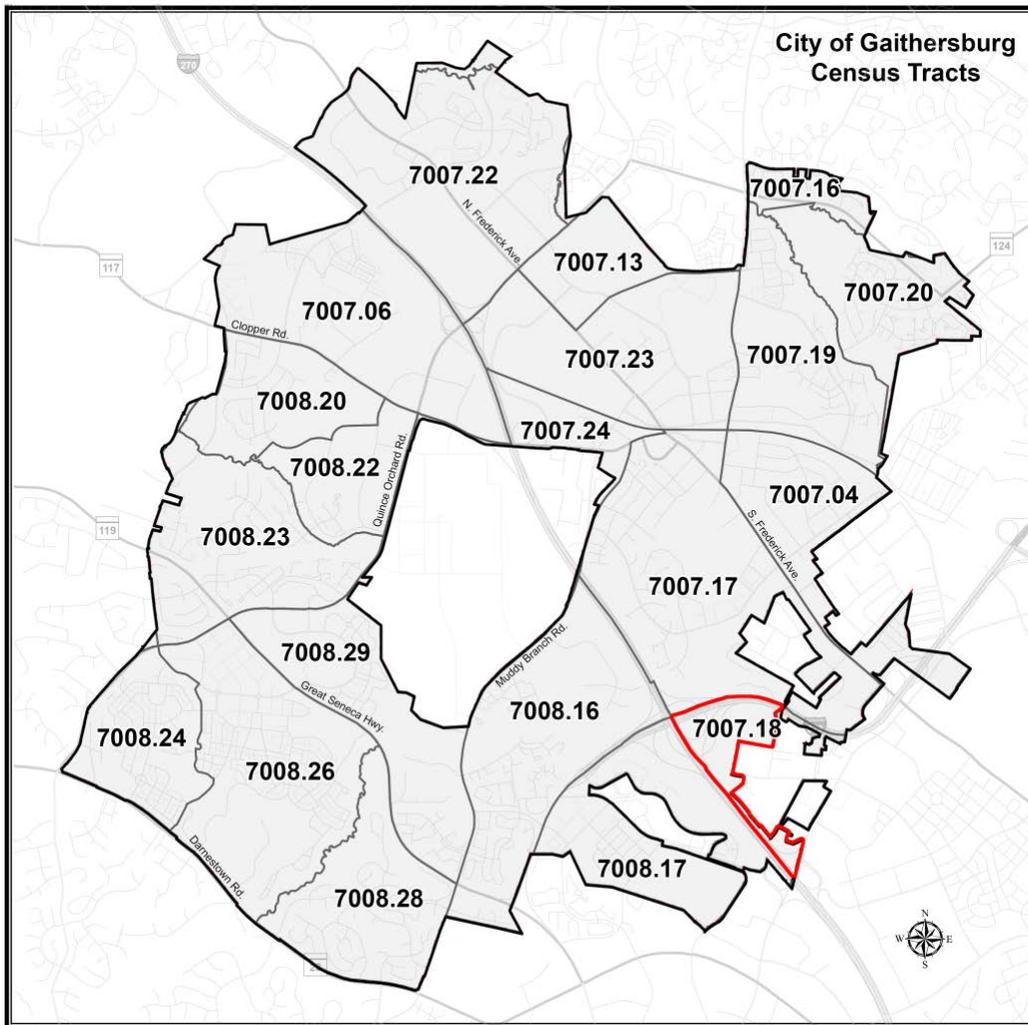
Top 3 directions residents commute to: southeast (1,162 / 49.2%), south (290 / 12.2%), and east (255 / 10.8%)

Most residents commute less than 10 miles (1,089 / 46.1%)

Study Area: Census Tracts

Census Tract 7007.18

Census tract 7007.18 is located east of I-270 and includes a variety of office and retail uses within the City portion of the tract. There are no residential units in the portion of the tract within the City and thus no resident commuters.



Approximately 2,410 people work in this census tract. Most workers commute from District 9 (321 / 13.3%). Most workers commute from the southeast (542 / 22.5%) and most workers commute less than 10 miles (920 / 38.2%).

Study Area: Census Tracts

Census tract 7007.18 is roughly similar to the City as a whole, except that more workers commute from District 4 than from District 6 and there are no residential units within the tract and thus no resident commuters.

- Consists of a variety of office and retail uses.
- No residential units and thus no resident commuters.

Workers (primary jobs)

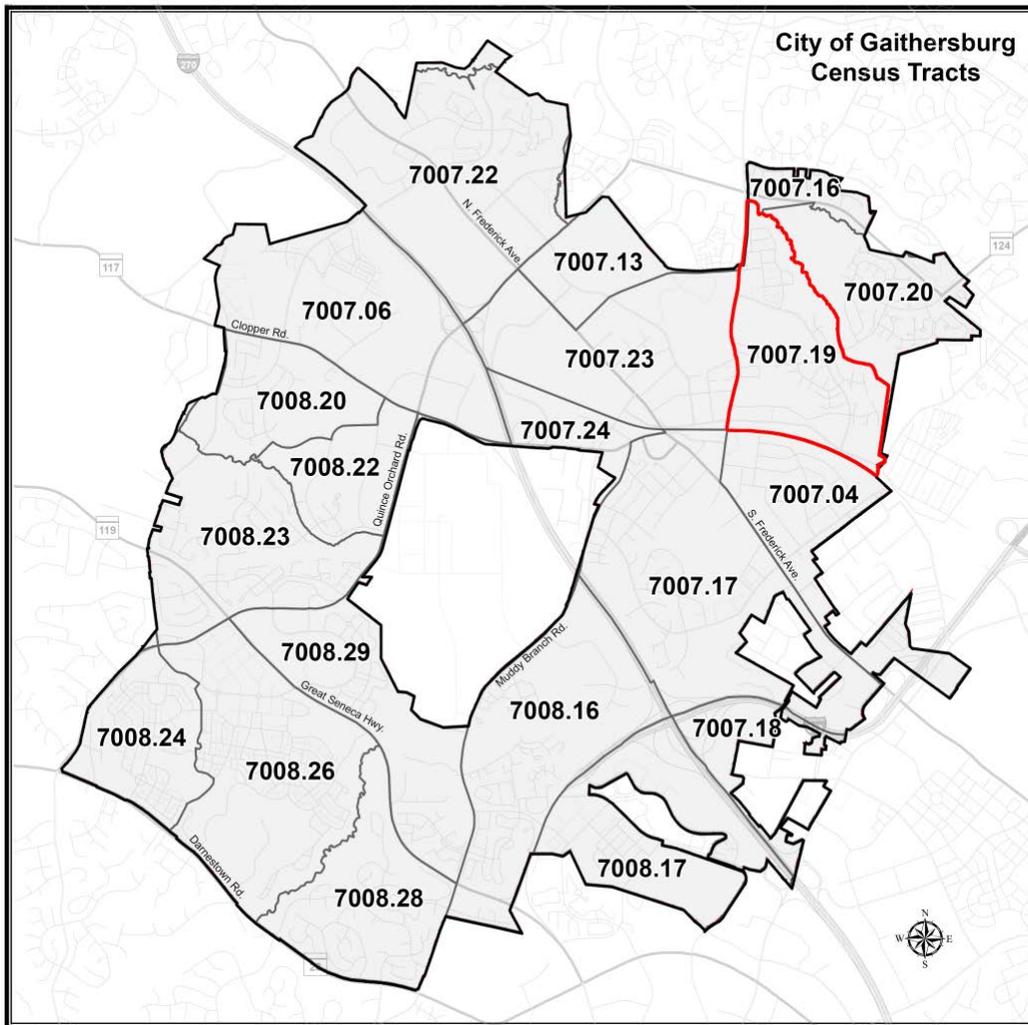
- 2,410 people work in this census tract (6.8% of all City jobs)
- Top 3 Districts workers commute from: District 9 (321 / 13.3%), District 13 (144 / 6.0%), and District 4 (122 / 5.1%)
- Top 3 directions workers commute from is the southeast (542 / 22.5%), northwest (474 / 19.7%), and east (426 / 17.7%)
- Most workers commute less than 10 miles (920 / 38.2%)



Study Area: Census Tracts

Census Tract 7007.19

Census tract 7007.19 is located east of I-270 and consists of residential neighborhoods (Newport Estates, Crestwood Terrace, and Hidden Creek), as well as commercial development along both East Diamond Avenue and North Summit Avenue. It is important to note that the data used is from 2011 and thus does not include the completed Archstone at Olde Towne apartments.



Approximately 1,145 people work in this census tract. Most workers commute from District 9 (261 / 22.8%). Most workers commute from the northwest (261 / 22.8%) and the majority of workers commute less than 10 miles (589 / 51.4%).

Study Area: Census Tracts

Approximately 2,971 residents in this census tract commute to work. Most residents commute to District 4 (549 / 18.5%). Most residents commute to the southeast (1,205 / 40.6%) and commute less than 10 miles (1,424 / 47.9%).

Unlike the City as a whole, most workers commute from the northwest rather than the southeast and more workers commute from District 4 than from District 6. The remaining commuter characteristics of Census tract 7007.19 are roughly similar to the City as a whole.

- Consists of residential neighborhoods, including Newport Estates, Crestwood Terrace, and Hidden Creek, as well as commercial developments along both East Diamond Avenue and North Summit Avenue.

Workers (primary jobs)

- 1,145 people work in this census tract (3.2% of all City jobs)
- Top 3 Districts workers commute from: District 9 (261 / 22.8%), District 13 (85 / 7.4%), and District 4 (69 / 6.0%)
- Top 3 directions workers commute from: northwest (261 / 22.8%), southeast (249 / 21.7%), and north (160 / 14.0%)
- Majority of workers commute less than 10 miles (589 / 51.4%)

Residents (population)

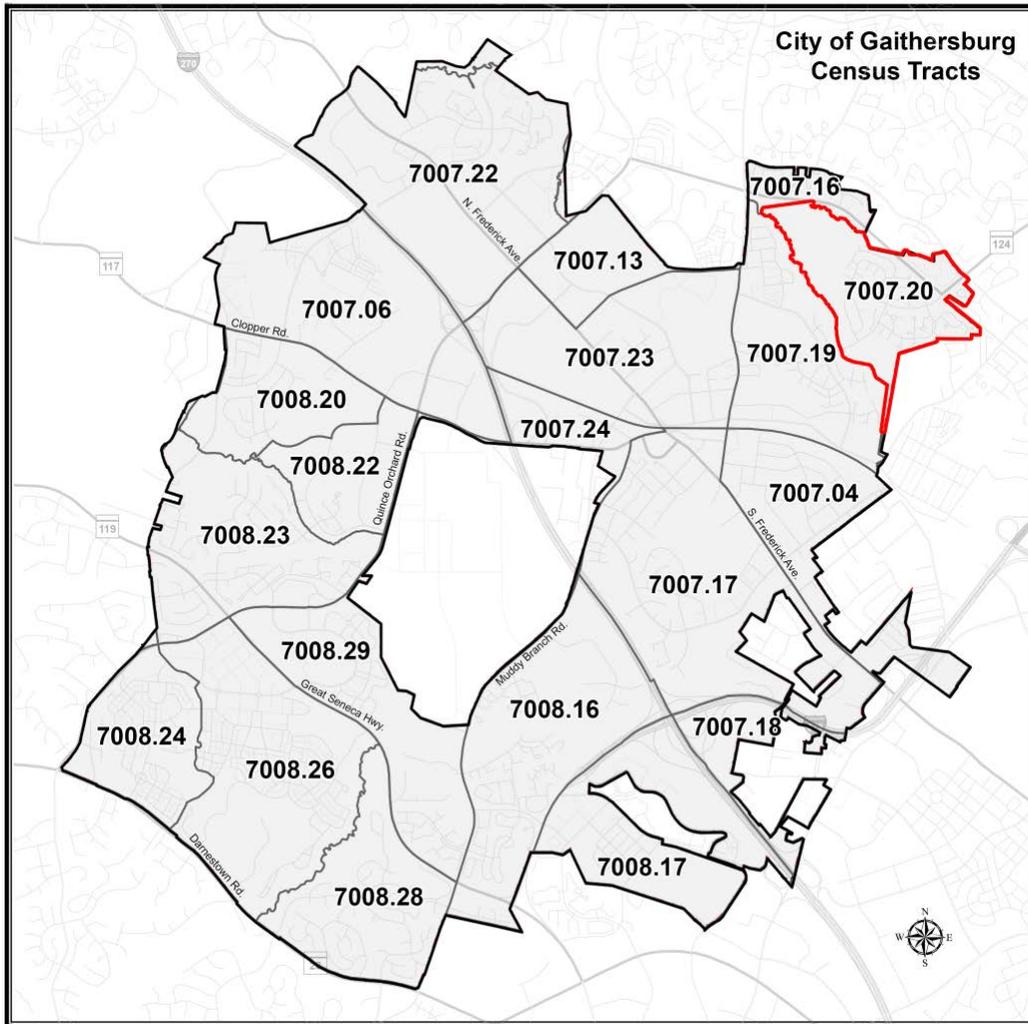
- 2,971 residents in this census tract commute to work (11.1% of City residents who work)
- Top 3 Districts residents commute to: District 4 (549 / 18.5%), District 9 (507 / 17.1%), and Washington D.C. (314 / 10.6%)
- Top 3 directions residents commute to: southeast (1,205 / 40.6%), south (590 / 19.9%), and east (282 / 9.5%)
- Most residents commute less than 10 miles (1,424 / 47.9%)



Study Area: Census Tracts

Census Tract 7007.20

Census tract 7007.20 is located east of I-270 and consists of residential neighborhoods (Saybrooke).



Approximately 216 people work in this census tract. The majority of workers commute from District 9 (32 / 14.8%). Most workers commute from the southeast (41 / 19.0%) and most workers commute less than 10 miles (89 / 41.2%).



Study Area: Census Tracts

Approximately 1,263 residents in this census tract commute to work. Most residents commute within District 9 (204 / 16.2%). Most residents commute to the southeast (387 / 30.6%) and commute between 10 and 24 miles (516 / 40.9%).

Unlike the City as a whole, more workers commute from District 2 than from District 6. Also unlike the City as a whole, most residents commute to District 9 rather than District 4 and commute 10 to 24 miles rather than less than 10 miles. The remaining commuter characteristics of Census tract 7007.20 are roughly similar to the City as a whole.

- Consists of residential neighborhoods, including Saybrooke.

Workers (primary jobs)

216 people work in this census tract (0.6% of all City jobs)

Top 3 Districts workers commute from: District 9 (32 / 14.8%), District 13 (16 / 7.4%), and District 2 (11 / 5.1%)

Top 3 directions workers commute from: southeast (41 / 19.0%), east (38 / 17.6%), and northwest (31 / 14.4%)

Most workers commute less than 10 miles (89 / 41.2%)

Residents (population)

1,263 residents in this census tract commute to work (4.7% of City residents who work)

Top 3 Districts residents commute to: District 9 (204 / 16.2%), District 4 (193 / 15.3%), and Washington D.C. (154 / 12.2%)

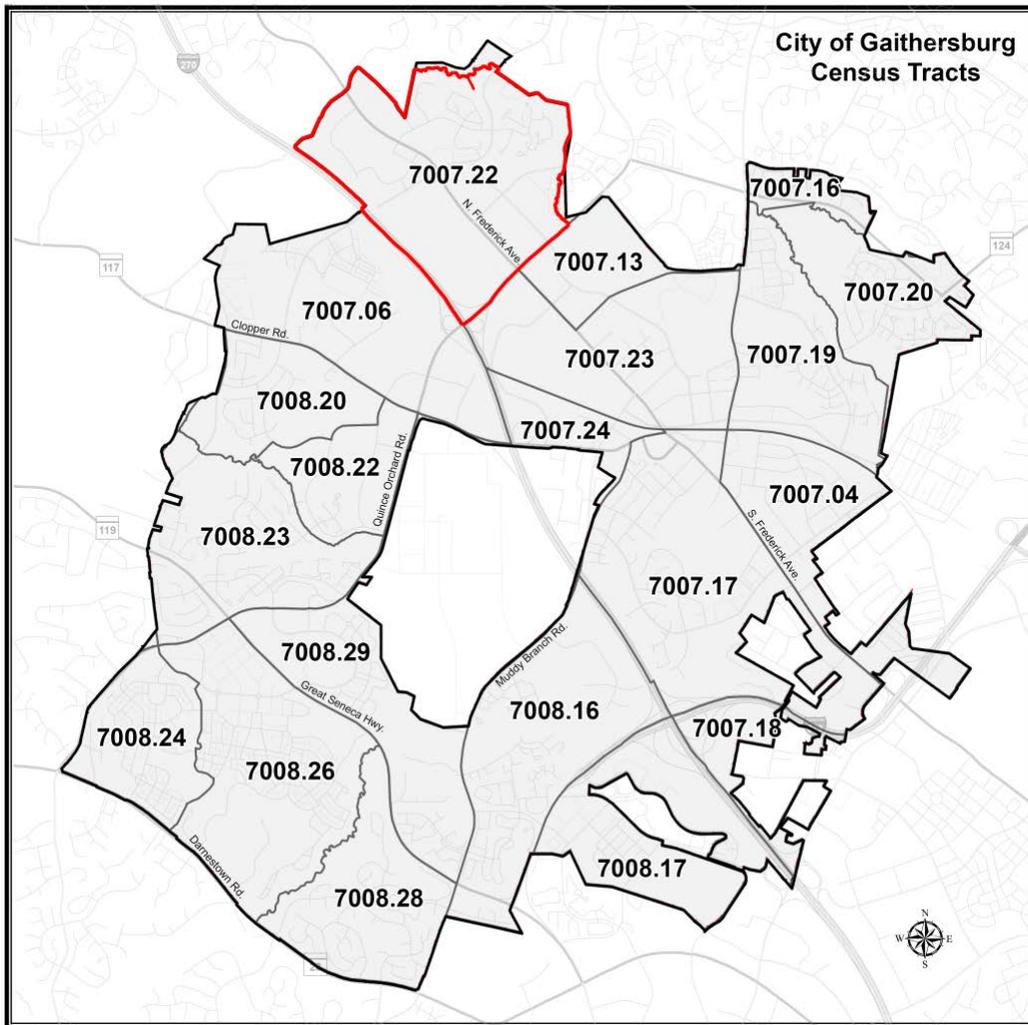
Top 3 directions residents commute to: southeast (387 / 30.6%), south (350 / 27.7%), and east (118 / 9.3%)

Most residents commute between 10 and 24 miles (516 / 40.9%), with the second longest distance being less than 10 miles (494 / 39.1%)

Study Area: Census Tracts

Census Tract 7007.22

Census tract 7007.22 is located east of I-270 and consists of residential neighborhoods (Montgomery Meadows, The Spectrum at Watkins Mill, and Woodland Hills), as well as commercial development (Gaithersburg North Research and Development Center, Lockheed Martin, Kaiser-Permanente, and Costco). It is important to note that the data used is from 2011 and thus does not include the completed Spectrum at Watkins Mill development.



Approximately 8,990 people work in this census tract. The majority of workers commute from District 9 (1,638 / 18.2%). Most workers commute from the southeast (2,007 / 22.3%) and most workers commute less than 10 miles (3,670 / 40.8%).



Study Area: Census Tracts

Approximately 4,584 residents in this census tract commute to work. Most residents commute to District 4 (900 / 19.6%). Most residents commute to the southeast (2,209 / 48.2%) and commute less than 10 miles (2,053 / 44.8%).

Census tract 7007.22 is roughly similar to the City as a whole.

- Consists of both residential neighborhoods, including Montgomery Meadows, The Spectrum at Watkins Mill, and Woodland Hills, as well as commercial developments, including Gaithersburg North Research and Development Center, Lockheed Martin, Kaiser Permanente, and Costco.
- Compared to other tracts, Census Tract 7007.22 has an unusually high proportion of the City's total jobs (25.3%) and the City's total residents who work (17.8%)

Workers (primary jobs)

- 8,990 people work in this census tract (25.3% of all City jobs)
- Top 3 Districts workers commute from: District 9 (1,638 / 18.2%), District 6 (512 / 5.7%), and District 13 (481 / 5.4%)
- Top 3 directions workers commute from: southeast (2,007 / 22.3%), east (1,657 / 18.4%), and northwest (1,265 / 14.1%)
- Most workers commute less than 10 miles (3,670 / 40.8%)

Residents (population)

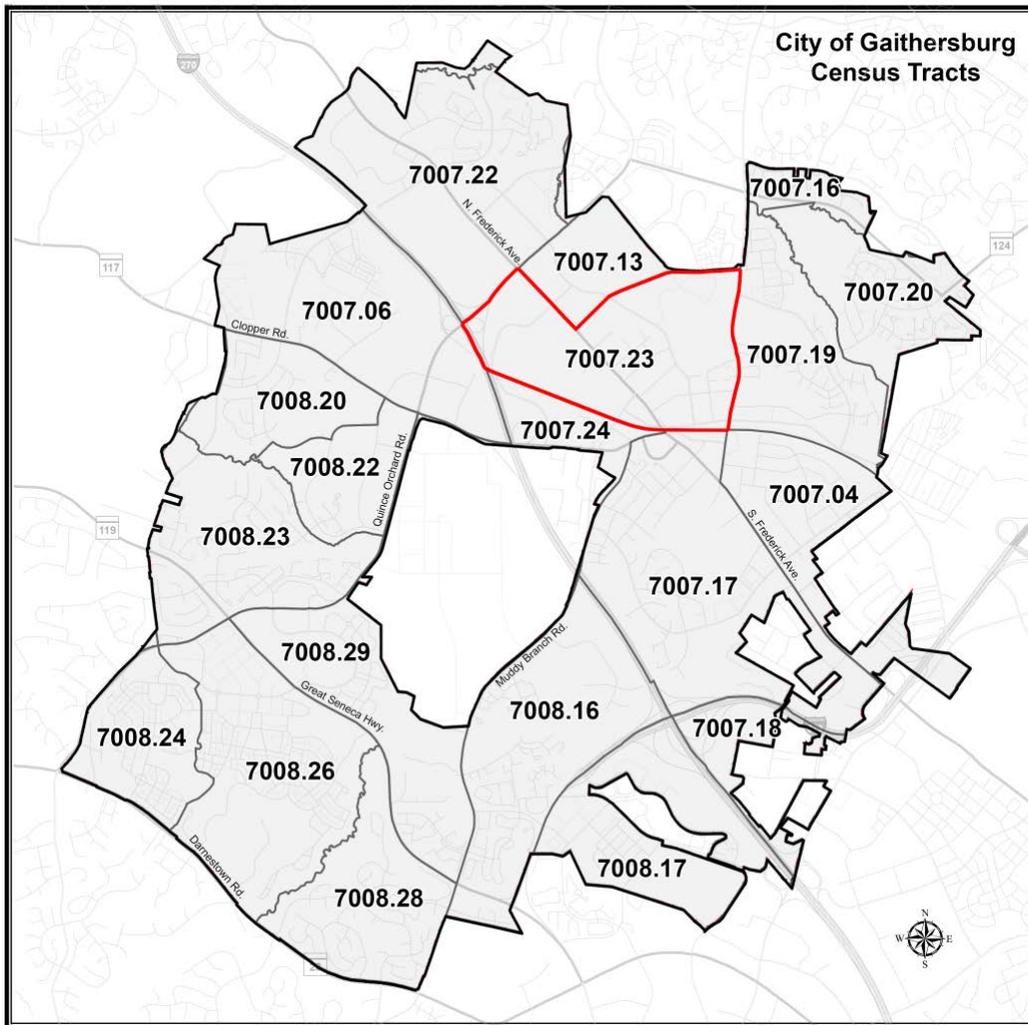
- 4,584 residents in this census tract commute to work (17.2% of City residents who work)
- Top 3 Districts residents commute to: District 4 (900 / 19.6%), District 9 (814 / 17.8%), and Washington D.C. (510 / 11.1%)
- Top 3 directions residents commute to is the southeast (2,209 / 48.2%), east (728 / 15.9%), and south (480 / 10.5%)
- Most residents commute less than 10 miles (2,053 / 44.8%)



Study Area: Census Tracts

Census Tract 7007.23

Census tract 7007.23 is located east of I-270 and includes residential neighborhoods (Realty Park and the Brooks, Russell, and Walker Addition), as well as commercial development along North Frederick Avenue, East Diamond Avenue, and North Summit Avenue. This tract also contains Asbury Methodist Home and the Montgomery County Agricultural Fairgrounds.



Approximately 7,259 people work in this census tract. Most workers commute from District 9 (1,568 / 21.6%). Most workers commute from the southeast (1,610 / 22.2%). Most workers commute less than 10 miles (3,071 / 42.3%).



Study Area: Census Tracts

Approximately 4,053 residents in this census tract commute to work. The majority of the residents commute to District 4 (714 / 17.6%). Most residents commute to the southeast (1,829 / 45.1%) and commute less than 10 miles (1,662 / 41.0%).

Census tract 7007.23 is roughly similar to the City as a whole, except that more workers commute from District 2 than from District 6 and more residents commute to the northeast than to the south.

- Consists of both residential neighborhoods, including Realty Park and the Brooks, Russell, and Walker addition, as well as commercial developments along North Frederick Avenue, East Diamond Avenue, and North Summit Avenue. This tract also contains Asbury and the Fairgrounds.

Workers (primary jobs)

7,259 people work in this census tract (20.5% of all City jobs)

Top 3 Districts workers commute from: District 9 (1,568 / 21.6%), District 13 (397 / 5.5%), and District 2 (311 / 4.3%)

Top 3 directions workers commute from: southeast (1,610 / 22.2%), east (1,567 / 21.6%), and northeast (1,069 / 14.7%)

Most workers commute less than 10 miles (3,071 / 42.3%)

Residents (population)

4,053 residents in this census tract commute to work (15.2% of City residents who work)

Top 3 Districts residents commute to: District 4 (714 / 17.6%), District 9 (650 / 16.0%), and Washington D.C. (491 / 12.1%)

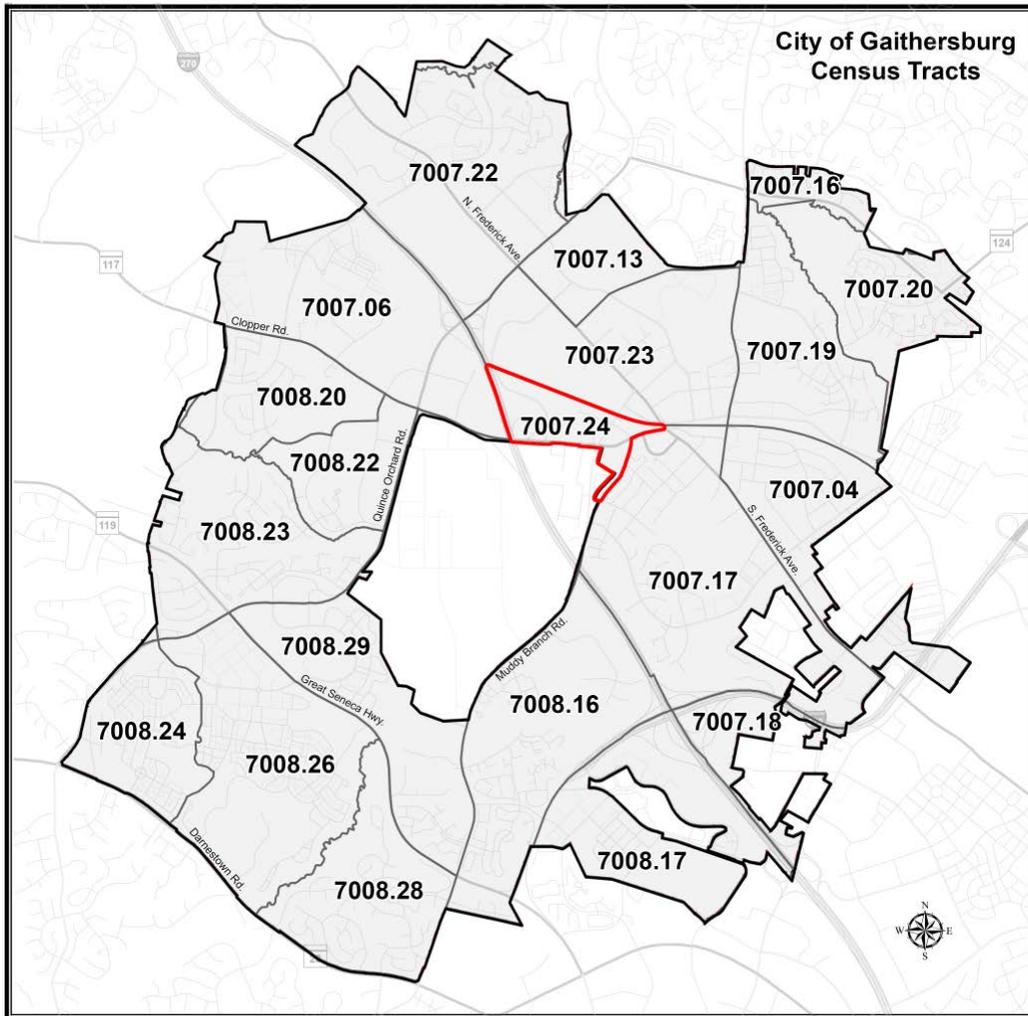
Top 3 directions residents commute to: southeast (1,829 / 45.1%), east (623 / 15.4%), and northeast (450 / 11.1%)

Most residents commute less than 10 miles (1,662 / 41.0%)

Study Area: Census Tracts

Census Tract 7007.24

Census tract 7007.24 is located east of I-270 and consists of residential neighborhoods (Meem's Addition), as well as commercial development (Avenel Executive Park). A large portion of this tract is outside of the City but completely surrounded by it, so information about that area (Londonderry) is included for comparison.



Approximately 458 people work in City portion of this census tract. Most workers commute from District 9 (46 / 10.0%). Most workers commute from the southeast (105 / 22.9%) and most workers commute between 10 and 24 miles (154 / 33.6%).



Study Area: Census Tracts

Approximately 70 residents in the City portion of this census tract commute to work. The majority of the residents commute to District 9 (21 / 30.0%). The majority of residents commute to the southeast (40 / 57.1%) and the majority commute less than 10 miles (46 / 65.7%).

Unlike the City as a whole, workers in the City-portion of census tract 7007.24 commute 10 to 24 miles rather than less than 10 miles and more workers commute to District 2 than to District 6. Additionally, the majority of residents commute less than 10 miles, commute to District 9 as their top destination rather than District 4, commute to District 7 rather than Washington D.C., and commute to the north rather than to the east.

- Consists of residential neighborhoods, including Meem's Addition, as well as commercial developments, including Avenel Executive Park.

Workers (primary jobs)

458 people work at jobs in the City portion of this census tract (1.3% of all City jobs)

Top 3 Districts City workers commute from: District 9 (46 / 10.0%), District 13 (29 / 6.3%), and District 2 (22 / 4.8%)

Top 3 directions workers commute from: southeast (105 / 22.9%), east (93 / 20.3%), and northwest (67 / 14.6%)

Most workers commute between 10 and 24 miles (154 / 33.6%)

Residents (population)

70 City residents in the City portion of this census tract commute to work (0.3% of City residents who work)

Top 3 Districts City residents commute to: District 9 (21 / 30.0%), District 4 (15 / 21.4%), and District 7 (11 / 15.7%)

Top 3 directions City residents commute to: southeast (40 / 57.1%), north (8 / 11.4%), and south (7 / 10.0%)

Majority of residents commute less than 10 miles (46 / 65.7%)

Comparison of Census Tract 7007.24 Londonderry area in the County (completely surrounded by the City)
Workers (primary jobs)

Workers (primary jobs)

- 46 people work in the Londonderry (County) portion of this census tract

Study Area: Census Tracts

- Top Districts County workers commute from: District 9 (10 / 21.7%); and a tie between District 2 in Frederick, District 2, and District 13 (each has 3 / 6.5%)
- Top 3 directions County workers commute from: southeast (15 / 32.6%), and north (8 / 17.4%) and northwest (8 / 17.4%)
- Most County workers commute less than 10 miles (19 / 41.3%)

Residents (population)

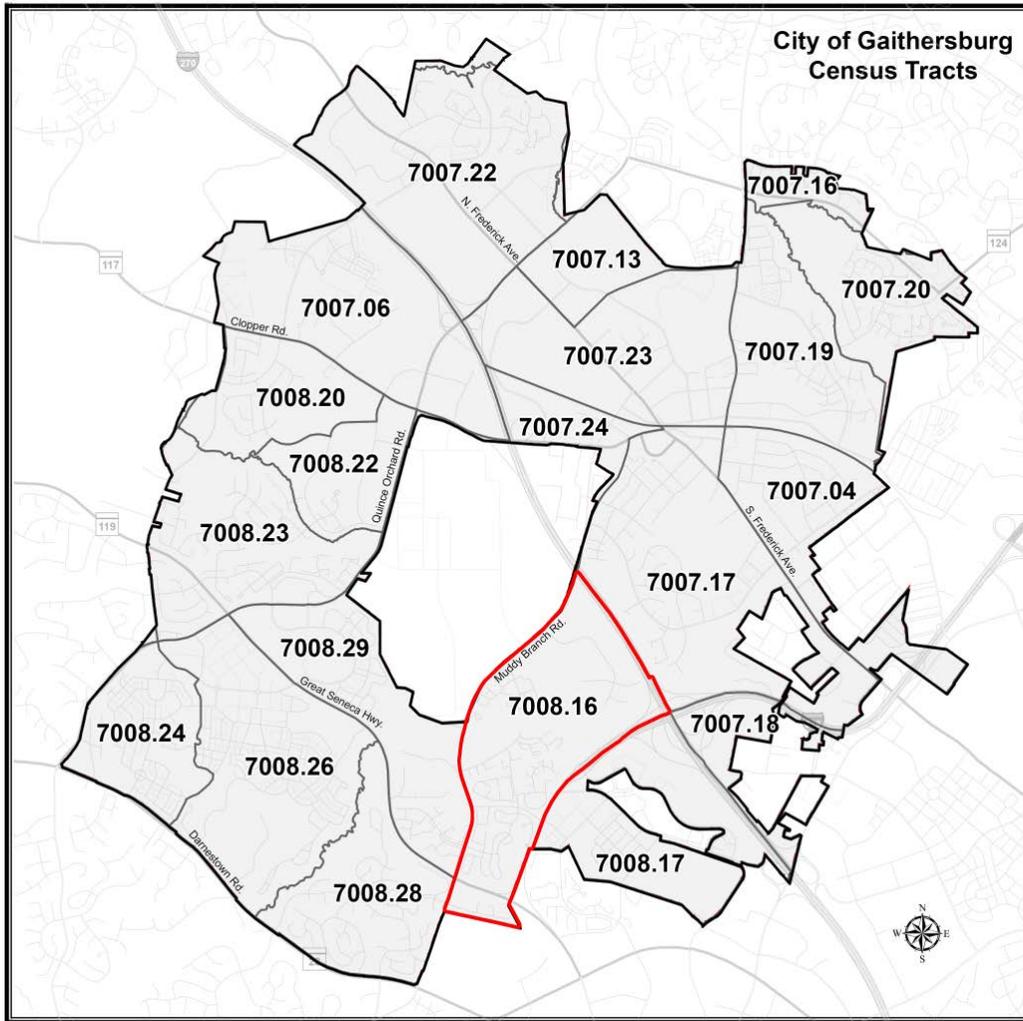
- 1,191 County residents in this census tract commute to work
- Top 3 Districts County residents commute to: District 4 (208 / 17.5%), District 9 (201 / 16.9%), and Washington D.C. (126 / 10.6%)
- Top 3 directions County residents commute to: southeast (604 / 50.7%), east (124 / 10.4%), and northeast (123 / 10.3%)
- Most County residents commute less than 10 miles (534 / 44.8%)



Study Area: Census Tracts

Census Tract 7008.16

Census tract 7008.16 is located west of I-270 and includes residential neighborhoods (Crown Pointe, Brighton, and Park Summit), as well as commercial development (Festival at Muddy Branch).



Approximately 419 people work in this census tract. The majority of workers commute from District 9 (66 / 15.8%). Most workers commute from the southeast (98 / 23.4%) and most workers commute between 10 and 24 miles (21 / 32.3%) or 25 to 50 miles (21 / 32.3%).



Study Area: Census Tracts

Approximately 3,462 residents in this census tract commute to work. The majority of the residents commute to District 4 (692 / 20.0%). Most residents commute to the southeast (1,579 / 45.6%) and most residents commute less than 10 miles (1,665 / 48.1%).

Unlike the City as a whole, most incoming workers commute between 10 and 24 miles or 25-50 miles and more residents commute to the northeast than to the south. The remaining commuter characteristics of 7008.16 are roughly similar to the City as a whole.

- Consists of residential neighborhoods, including Crown Pointe, Brighton, and Park Summit, as well as commercial developments, including Festival at Muddy Branch.

Workers (primary jobs)

- 419 people work in this census tract (1.2% of all City jobs)
- Top 3 Districts workers commute from District 9 (66 / 15.8%), District 13 (32 / 7.6%), and District 6 (30 / 7.2%)
- Top 3 directions workers commute from: southeast (98 / 23.4%), northwest (70 / 16.7%), and east (65 / 15.5%)
- Most workers commute between 10 and 24 miles (21 / 32.3%) and 25-50 miles (21 / 32.3%)

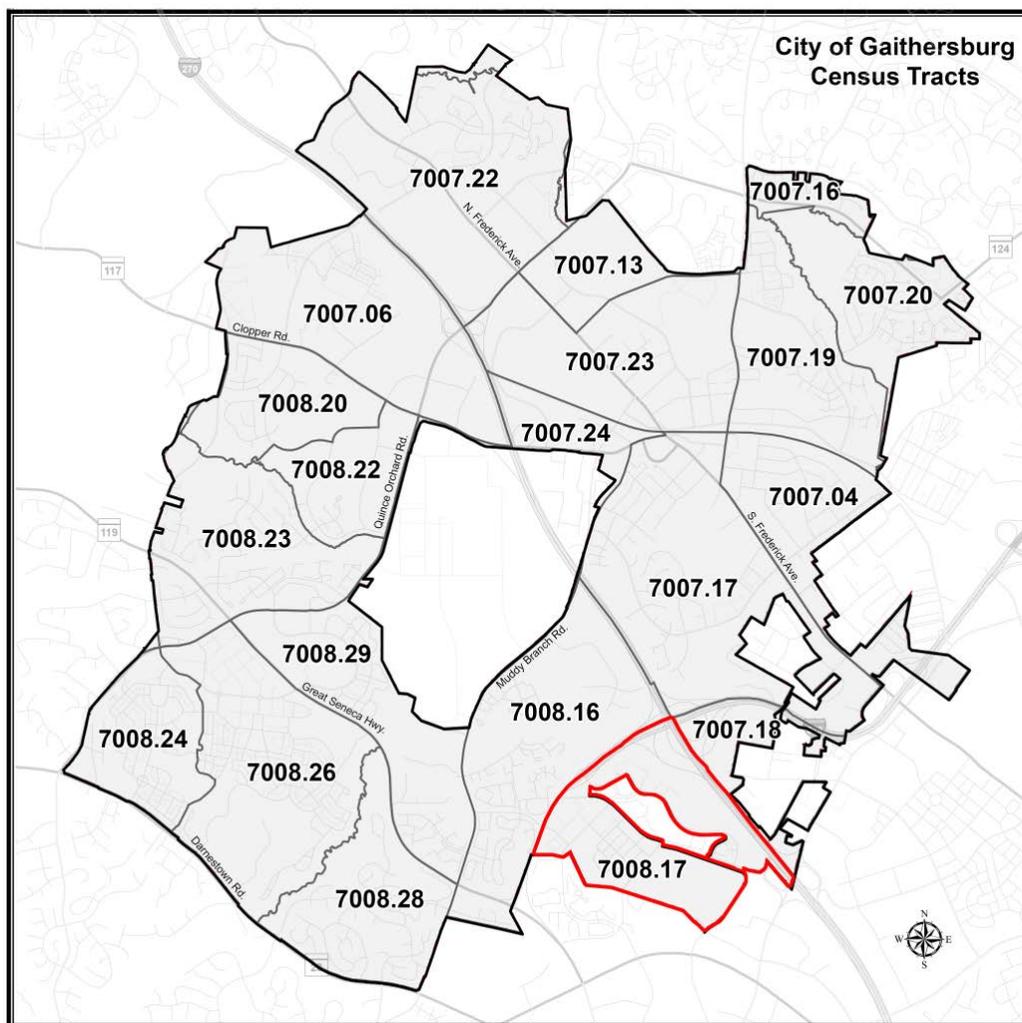
Residents (population)

- 3,462 residents in this census tract commute to work (13.0% of City residents who work)
- Top 3 Districts residents commute to: District 4 (692 / 20.0%), District 9 (587 / 17.0%), and Washington D.C. (321 / 9.3%)
- Top 3 directions residents commute to: southeast (1,579 / 45.6%), east (518 / 15.0%), and northeast (385 / 11.1%)
- Most residents commute less than 10 miles (1,665 / 48.1%)

Study Area: Census Tracts

Census Tract 7008.17

Census tract 7008.17 is located west of I-270 and includes residential neighborhoods (Crown neighborhoods 1, 2, and 3), as well as commercial development (Washingtonian Center and Downtown Crown). It is important to note that the data used is from 2011 and thus does not include the completed Crown development.



Approximately 2,669 people work in this census tract. Most workers commute from District 9 (455 / 17.0%). Most workers commute from the southeast (542 / 20.3%) and most workers commute less than 10 miles (1,168 / 43.8%).

Study Area: Census Tracts

Approximately 81 residents in this census tract commute to work. Most residents commute to District 4 (27 / 33.3%). The majority of residents commute to the southeast (42 / 51.9%) and the majority of residents commute less than 10 miles (61 / 75.3%).

Unlike the City as a whole more workers commute from District 4 than from District 6. Also unlike the City as a whole, more residents commute to District 7 than to Washington D.C. and more residents commute to the northwest than to the south. The remaining commuter characteristics of 7008.17 are roughly similar to the City as a whole.

- Consists of residential neighborhoods, including Crown neighborhoods 1, 2, and 3, as well as commercial developments, including Washingtonian Center and Downtown Crown.

Workers (primary jobs)

- 2,669 people work in this census tract (7.5% of all City jobs)
- Top 3 Districts workers commute from: District 9 (455 / 17.0%), District 13 (211 / 7.9%), and District 4 (160 / 6.0%)
- Top 3 directions workers commute from: southeast (542 / 20.3%), northwest (487 / 18.2%), and east (413 / 15.5%)
- Most workers commute less than 10 miles (1,168 / 43.8%)

Residents (population)

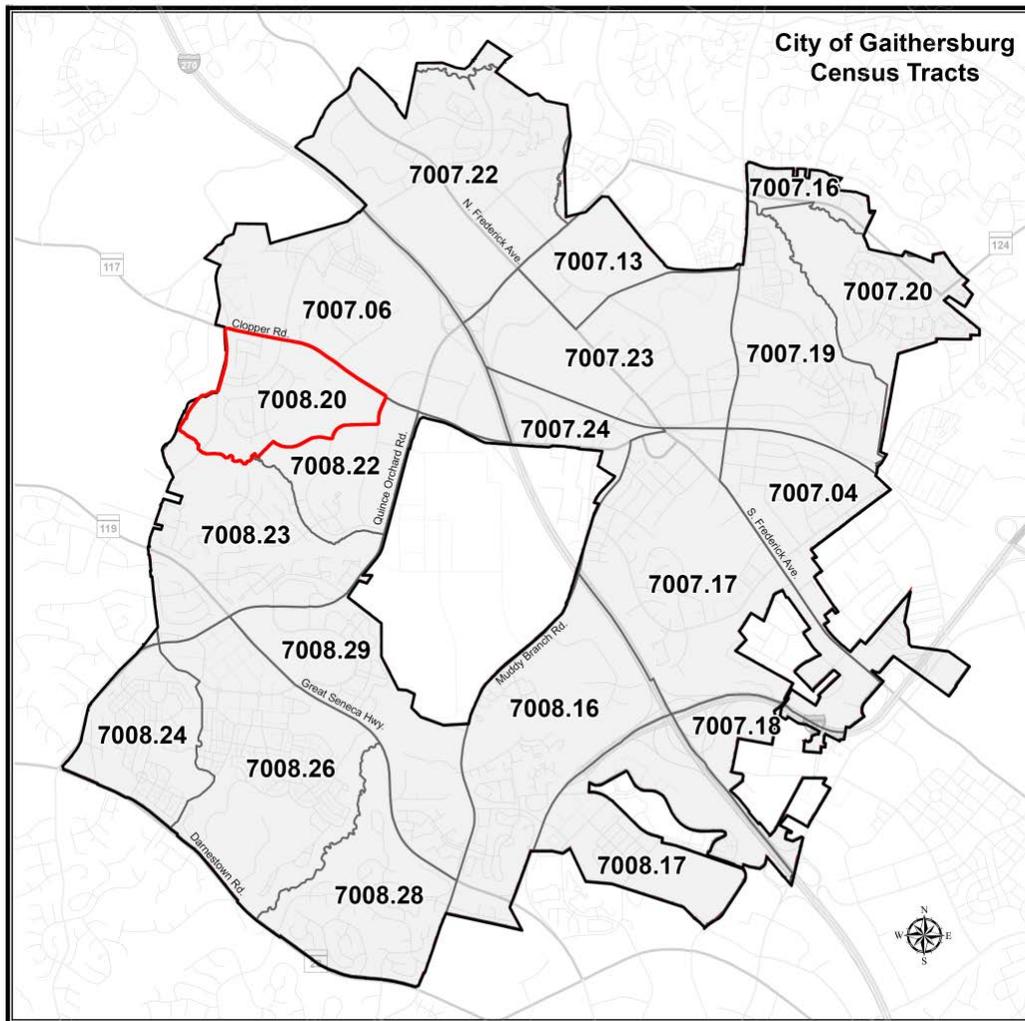
- 81 residents in this census tract commute to work (0.3% of City residents who work)
- Top 3 Districts residents commute to: District 4 (27 / 33.3%), District 9 (24 / 29.6%), and District 7 (10 / 12.3%)
- Top 3 directions residents commute to: southeast (42 / 51.9%), south (11 / 13.6%), and northwest (9 / 11.1%)
- Majority of residents commute less than 10 miles (61 / 75.3%)



Study Area: Census Tracts

Census Tract 7008.20

Census tract 7008.20 is located west of I-270 and includes residential neighborhoods (Pheasant Run and Quince Orchard Clusters), as well as commercial development along Clopper Road.



Approximately 916 people work in this census tract. Most workers commute from District 9 (159 / 17.4%). Most workers commute from the northwest (199 / 21.7%) and most workers commute less than 10 miles (404 / 44.1%).



Study Area: Census Tracts

Approximately 1,311 residents in this census tract commute to work. Most residents commute to District 4 (235 / 17.9%). The majority of residents commute to the southeast (705 / 53.8%) and most residents commute between 10 and 24 miles (562 / 42.9).

Unlike the City as a whole, most incoming workers commute from the northwest instead of the southeast and more workers commute from District 2 than from District 13. Also unlike the City as a whole, most residents commute between 10 and 24 miles instead of less than 10 miles and more residents commute to the northeast than to the south. The remaining commuter characteristics of census tract 7008.20 are roughly similar to the City as a whole.

- Consists of residential neighborhoods, including Pheasant Run and Quince Orchard Clusters, as well as commercial uses along Clopper Road.

Workers (primary jobs)

- 916 people work in this census tract (2.6% of all City jobs)
- Top 3 Districts workers commute from: District 9 (159 / 17.4%), District 6 (58 / 6.3%), and District 2 (57 / 6.2%)
- Top 3 directions workers commute from: northwest (199 / 21.7%), southeast (169 / 18.4%), and east (127 / 13.9%)
- Most workers commute less than 10 miles (404 / 44.1%)

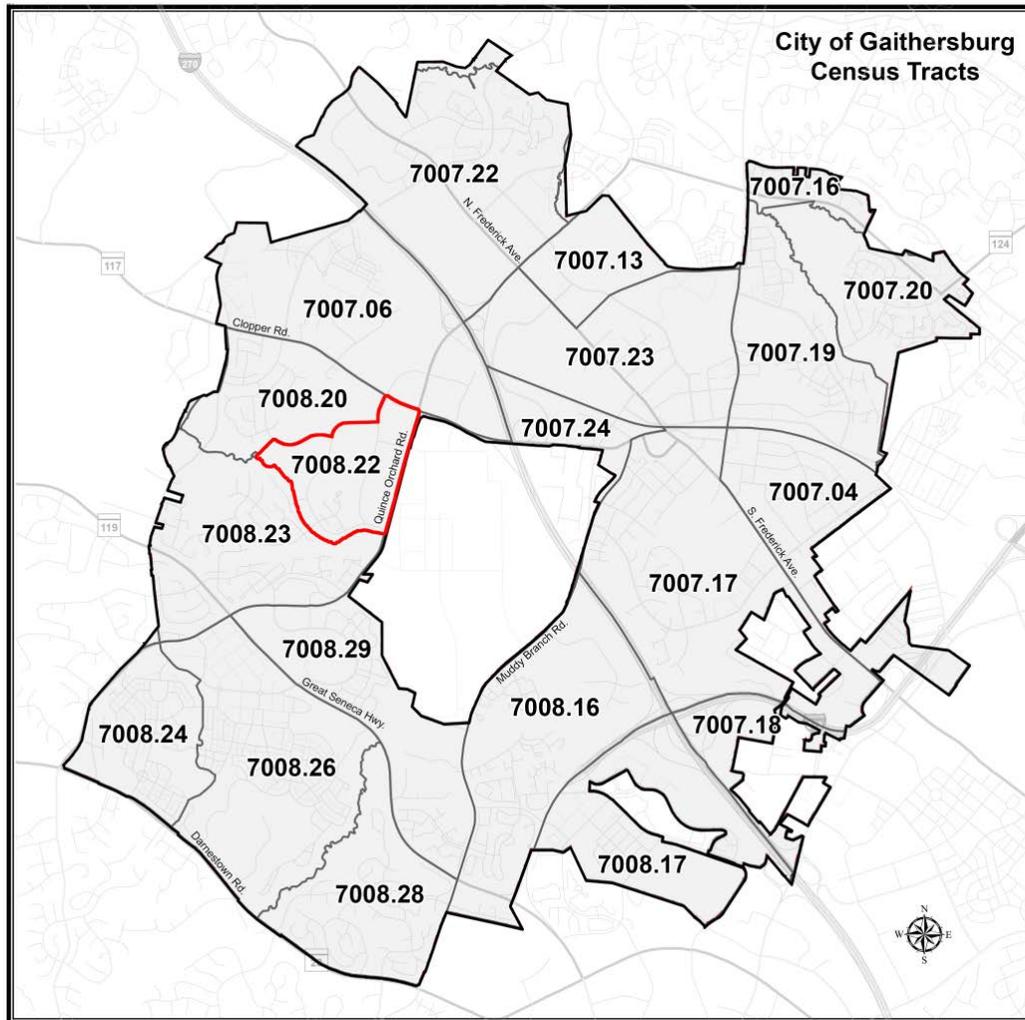
Residents (population)

- 1,311 residents in this census tract commute to work (4.9% of City residents who work)
- Top 3 Districts residents commute to: District 4 (235 / 17.9%), District 9 (167 / 12.7%), and Washington D.C. (140 / 10.7%)
- Top 3 directions residents commute to: southeast (705 / 53.8%), east (175 / 13.3%), and northeast (122 / 9.3%)
- Most residents commute between 10 and 24 miles (562 / 42.9%)

Study Area: Census Tracts

Census Tract 7008.22

Census tract 7008.22 is located west of I-270 and includes residential neighborhoods (Orchard Place and Diamond Farms), as well as commercial development along Quince Orchard Road and First Field Road.



Approximately 1,738 people work in this census tract. Most workers commute from District 9 (278 / 16.0%). Most workers commute from the southeast (353 / 20.3%) and most workers commute less than 10 miles (732 / 42.1%).



Study Area: Census Tracts

Approximately 834 residents in this census tract commute to work. Most residents commute to District 4 (166 / 19.9%). The majority of residents commute to the southeast (436 / 52.3%) and most residents commute less than miles (382 / 45.8%).

Census tract 7008.22 is roughly similar to the City as a whole, except that more workers commute from District 4 than from District 13 and more residents commute to jobs in the northeast than to jobs in the south.

- Consists of residential neighborhoods, including Orchard Place and Diamond Farms, as well as commercial developments along Quince Orchard Road and First Field Road.

Workers (primary jobs)

- 1,738 people work in this census tract (4.9% of all City jobs)
- Top 3 Districts workers commute from: District 9 (278 / 16.0%), District 6 (117 / 6.7%), and District 4 (89 / 5.1%)
- Top 3 directions workers commute from: southeast (353 / 20.3%), northwest (311 / 17.9%), and east (308 / 17.7%)
- Most workers commute less than 10 miles (732 / 42.1%)

Residents (population)

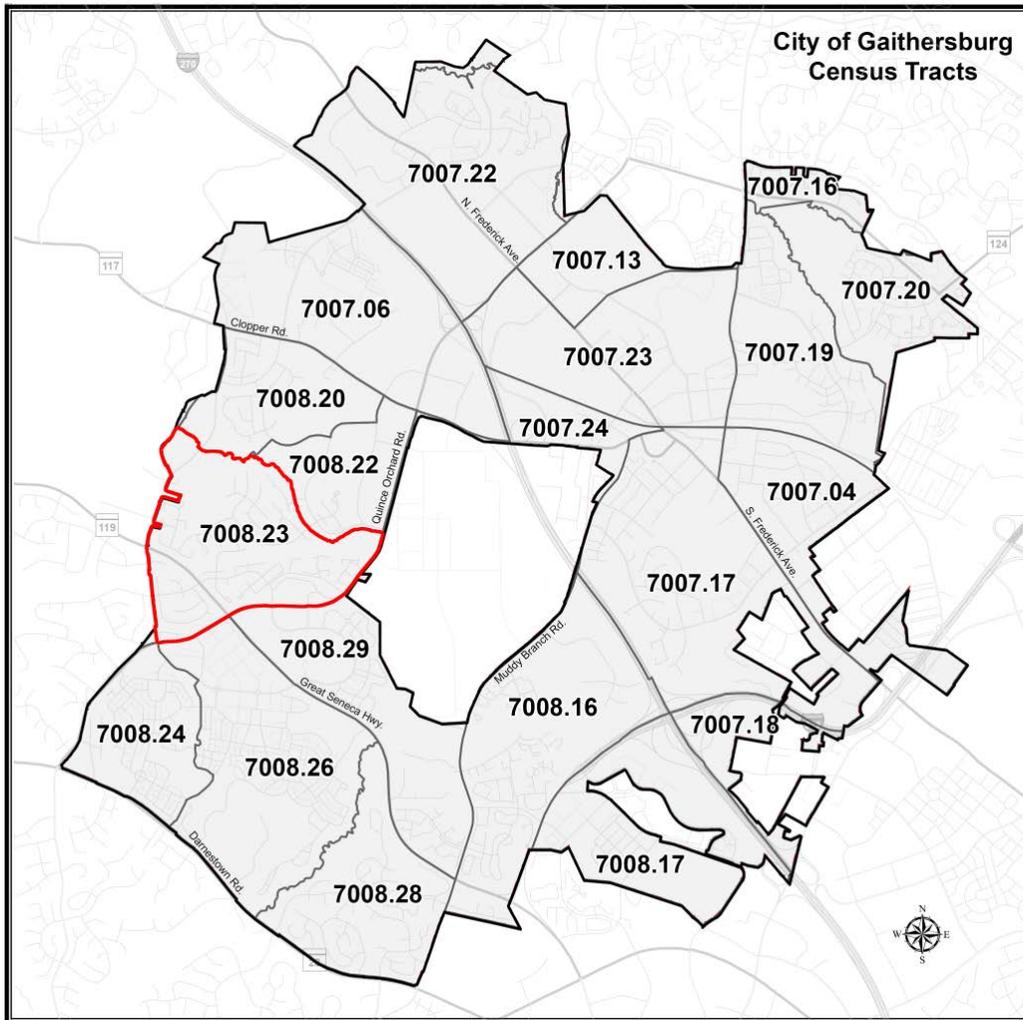
- 834 residents in this census tract commute to work (3.1% of City residents who work)
- Top 3 Districts residents commute to: District 4 (166 / 19.9%), District 9 (143 / 17.1%), and Washington D.C. (95 / 11.4%)
- Top 3 directions residents commute to: southeast (436 / 52.3%), east (104 / 12.5%), and northeast (96 / 11.5%)
- Most residents commute less than 10 miles (382 / 45.8%)



Study Area: Census Tracts

Census Tract 7008.23

Census tract 7008.23 is located west of I-270 and includes residential neighborhoods (West Riding, Diamond Courts, and Fernshire Farms), as well as commercial development along Quince Orchard Road (Medimmune, TECRO).



Approximately 284 people work in this census tract. Most workers commute from District 9 (45 / 15.8%). Most workers commute from the southeast (73 / 25.7%) and most workers commute less than 10 miles (114 / 40.1%).



Study Area: Census Tracts

Approximately 1,682 residents in this census tract commute to work. Most residents commute to District 4 (349 / 20.7%). Most residents commute to the southeast (880 / 52.3%) and most residents commute less than 10 miles (752 / 44.7%).

Census tract 7008.23 is roughly similar to the City as a whole, except that more workers commute from District 4 than from District 6 and more residents commute to jobs in the northeast than to jobs in the south.

- Consists of residential neighborhoods, including Diamond courts, west riding, Diamond Farm, and Fernshire Farms, as well as commercial developments along Quince Orchard Road.

Workers (primary jobs)

284 people work in this census tract (0.8% of all City jobs)

Top 3 Districts workers commute from: District 9 (45 / 15.8%), District 4 (23 / 8.1%), and District 13 (16 / 5.6%)

Top 3 directions workers commute from: southeast (73 / 25.7%), northwest (46 / 16.2%), and east (46 / 16.2%)

Most workers commute less than 10 miles (114 / 40.1%)

Residents (population)

1,682 residents in this census tract commute to work (6.3% of City residents who work)

Top 3 Districts residents commute to: District 4 (349 / 20.7%), District 9 (280 / 16.6%), and Washington D.C. (198 / 11.8%)

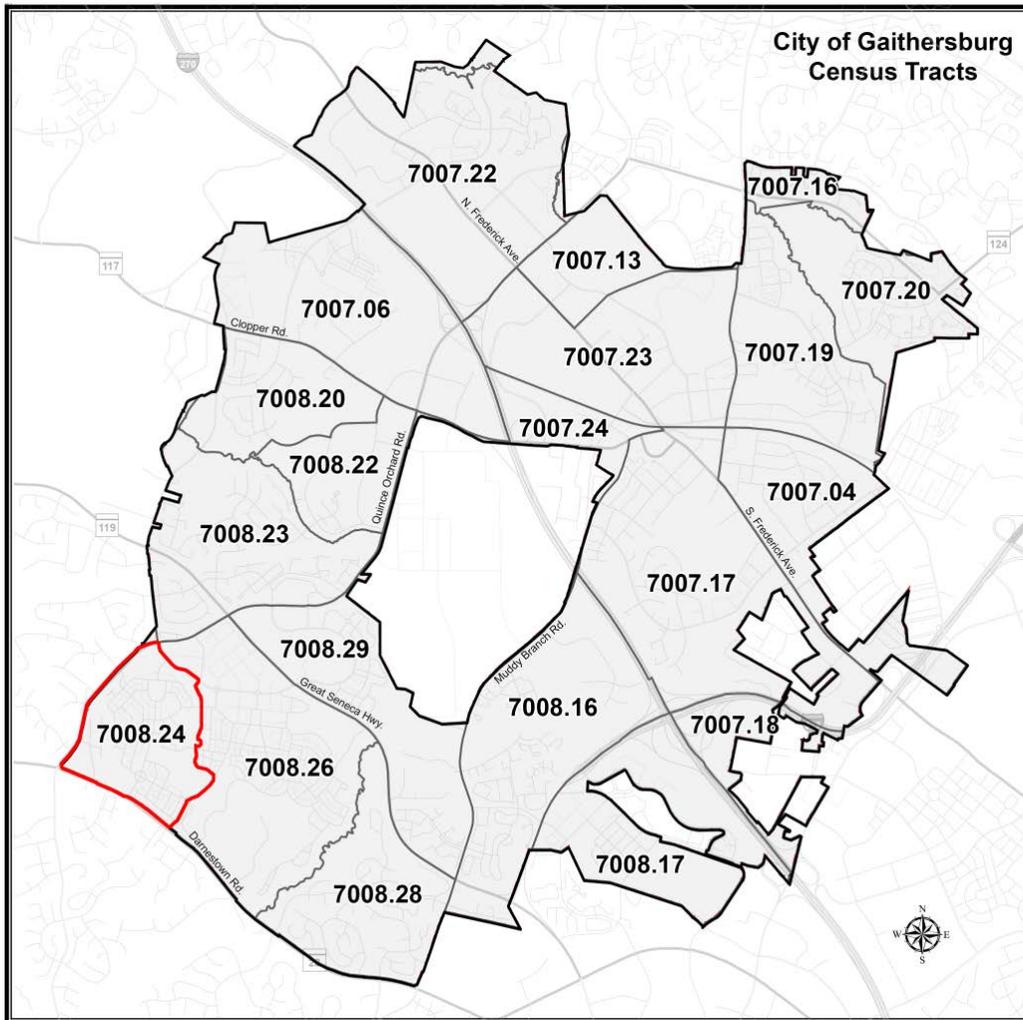
Top 3 directions residents commute to: southeast (880 / 52.3%), east (231 / 13.7%), and northeast (170 / 10.1%)

Most residents commute less than 10 miles (752 / 44.7%)

Study Area: Census Tracts

Census Tract 7008.24

Census tract 7008.24 is located west of I-270 and includes residential neighborhoods (Kentlands and The Orchards), as well as commercial development (Potomac Valley Shopping Center).



Approximately 836 people work in this census tract. Most workers commute from District 9 (194 / 23.2%). Most workers commute from the southeast (178 / 21.3%) and most workers commute less than 10 miles (395 / 47.2%).



Study Area: Census Tracts

Approximately 1,343 residents in this census tract commute to work. Most residents commute to District 4 (258 / 19.2%). Most residents commute to the southeast (545 / 40.6%) and most residents commute less than 10 miles (580 / 43.2%).

Census tract 7008.24 is roughly similar to the City as a whole, except that more workers commute from the northeast than from the northwest and more residents commute to jobs in the northeast than to jobs in the south.

- Consists of residential neighborhoods, including Kentlands and the Orchards, as well as commercial development, including Potomac Valley Shopping Center.

Workers (primary jobs)

836 people work in this census tract (2.4% of all City jobs)

Top 3 Districts workers commute from: District 9 (194 / 23.2%), District 6 (55 / 6.6%), and District 13 (45 / 5.4%)

Top 3 directions workers commute from: southeast (178 / 21.3%), east (172 / 20.6%), and northeast (160 / 19.1%)

Majority of workers commute less than 10 miles (395 / 47.2%)

Residents (population)

1,343 residents in this census tract commute to work (5.0% of City residents who work)

Top 3 Districts residents commute to: District 4 (258 / 19.2%), District 9 (233 / 17.3%), and Washington D.C. (137 / 10.2%)

Top 3 directions residents commute to: southeast (545 / 40.6%), east (308 / 22.9%), and northeast (194 / 14.4%)

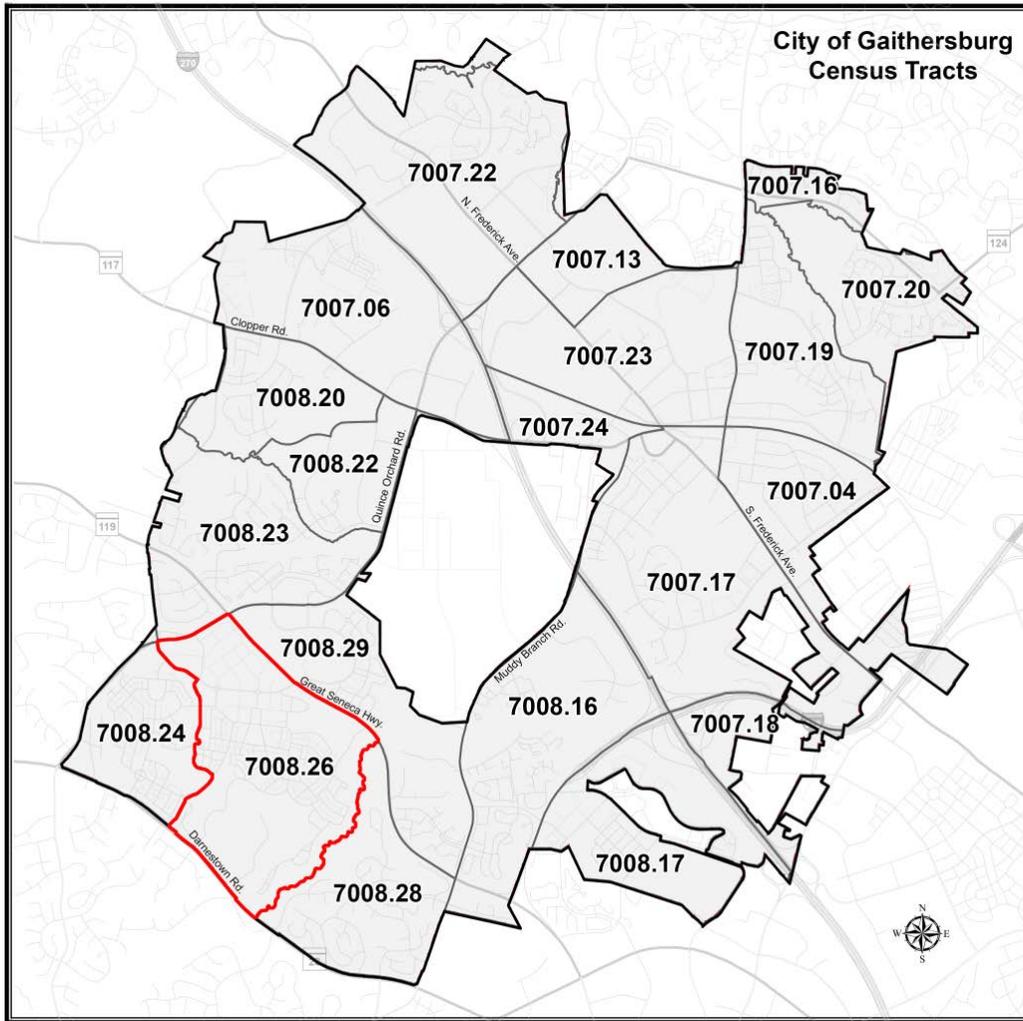
Most residents commute less than 10 miles (580 / 43.2%)



Study Area: Census Tracts

Census Tract 7008.26

Census tract 7008.26 is located west of I-270 and consists of residential neighborhoods (Kentlands and Lakelands), as well as commercial development (Market Square and Kentlands Square).



Approximately 3,262 people work in this census tract. Most commute from District 9 (691 / 21.2%). Most workers commute from the southeast (736 / 22.6%) and most workers commute less than 10 miles (1,447 / 44.4%).



Study Area: Census Tracts

Approximately 2,794 residents in this census tract commute to work. Most residents commute to District 4 (513 / 18.4%). Most residents commute to the southeast (1,258 / 45.0%) and most residents commute less than 10 miles (1,162 / 41.6%).

Census tract 7008.26 is roughly similar to the City as a whole, except that more workers commute from the northeast than from the northwest and more residents commute to jobs in the northeast than to jobs in the south.

- Consists of residential neighborhoods, including Kentlands and Lakelands, as well as commercial development, including Market Square and Kentlands Square.

Workers (primary jobs)

3,262 people work in this census tract (9.2% of all City jobs)

Top 3 Districts workers commute from: District 9 (691 / 21.2%), District 6 (209 / 6.4%), and District 13 (201 / 6.2%)

Top 3 directions workers commute from: southeast (736 / 22.6%), east (636 / 19.5%), and northeast (601 / 19.5%)

Most workers commute less than 10 miles (1,447 / 44.4%)

Residents (population)

2,794 residents in this census tract commute to work (10.5% of City residents who work)

Top 3 Districts residents commute to: District 4 (513 / 18.4%), District 9 (446 / 16.0%), and Washington D.C. (329 / 11.8%)

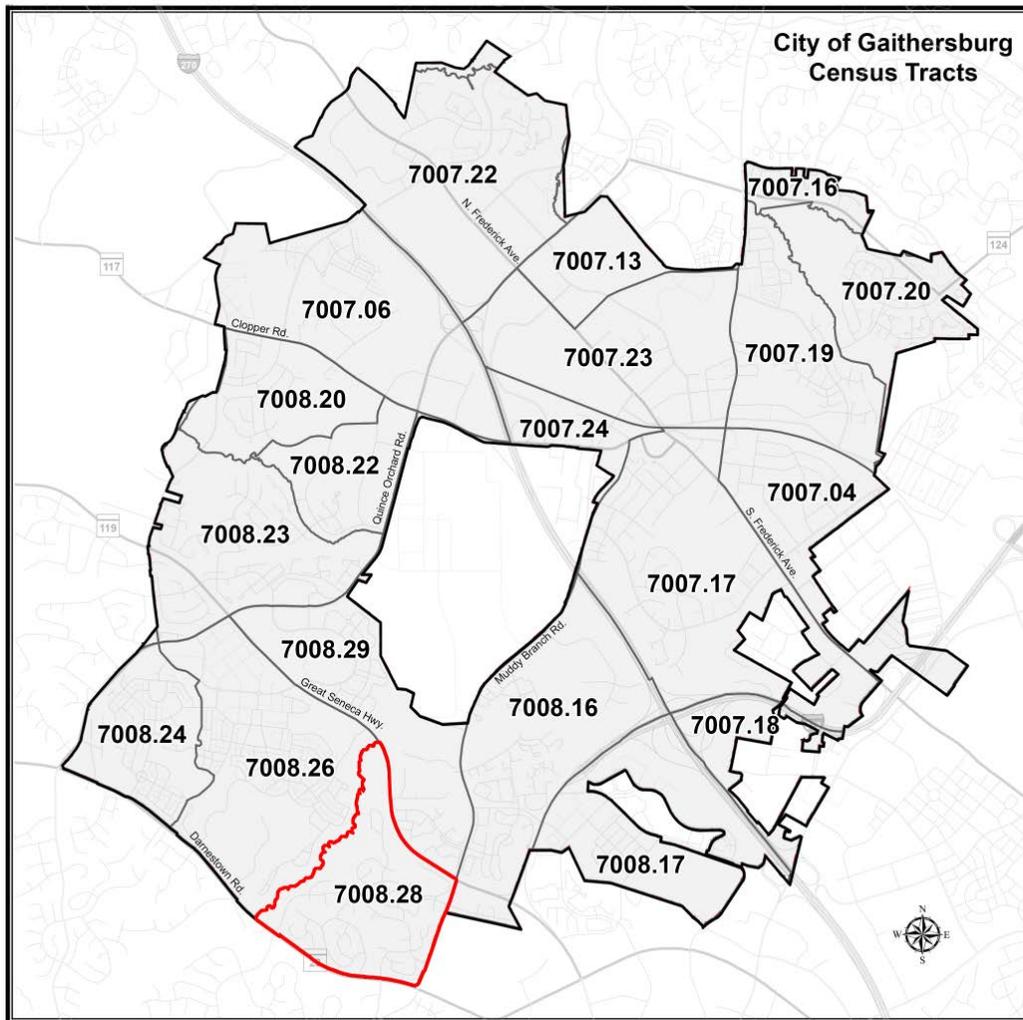
Top 3 directions residents commute to: southeast (1,258 / 45.0%), east (491 / 17.6%), and northeast (336 / 12.0%)

Most residents commute less than 10 miles (1,162 / 41.6%)

Study Area: Census Tracts

Census Tract 7008.28

Census tract 7008.24 is located west of I-270 and includes primarily residential neighborhoods (The Woodlands, Westleigh, and Washingtonian Woods), with some limited commercial uses.



Approximately 269 people work in this census tract. Most workers commute from District 9 (66 / 24.5%). Most workers commute from the east (62 / 23.0%) and the majority of workers commute less than 10 miles (136 / 50.6%).



Study Area: Census Tracts

Approximately 1,288 residents in this census tract commute to work. Most residents commute to District 4 (279 / 21.7%). Most residents commute to the southeast (544 / 42.2%) and commute less than 10 miles (588 / 45.7%).

Census tract 7008.28 is roughly similar to the City as a whole, except that more workers commute from the northeast than from the northwest and more residents commute to jobs in the northeast than to jobs in the south.

Consists of residential neighborhoods, including The Woodlands, Westleigh, and Washingtonian Woods.

Workers (primary jobs)

- 269 people work in this census tract (0.8% of all City jobs)
- Top 3 Districts workers commute from: District 9 (66 / 24.5%), District 13 (21 / 7.8%), and Districts 4 and 6 [tied] (14 / 5.2% each)
- Top 3 directions workers commute from: east (62 / 23.0%), northeast (57 / 21.2%), and southeast (47 / 17.5%)
- Majority of workers commute less than 10 miles (136 / 50.6%)

Residents (population)

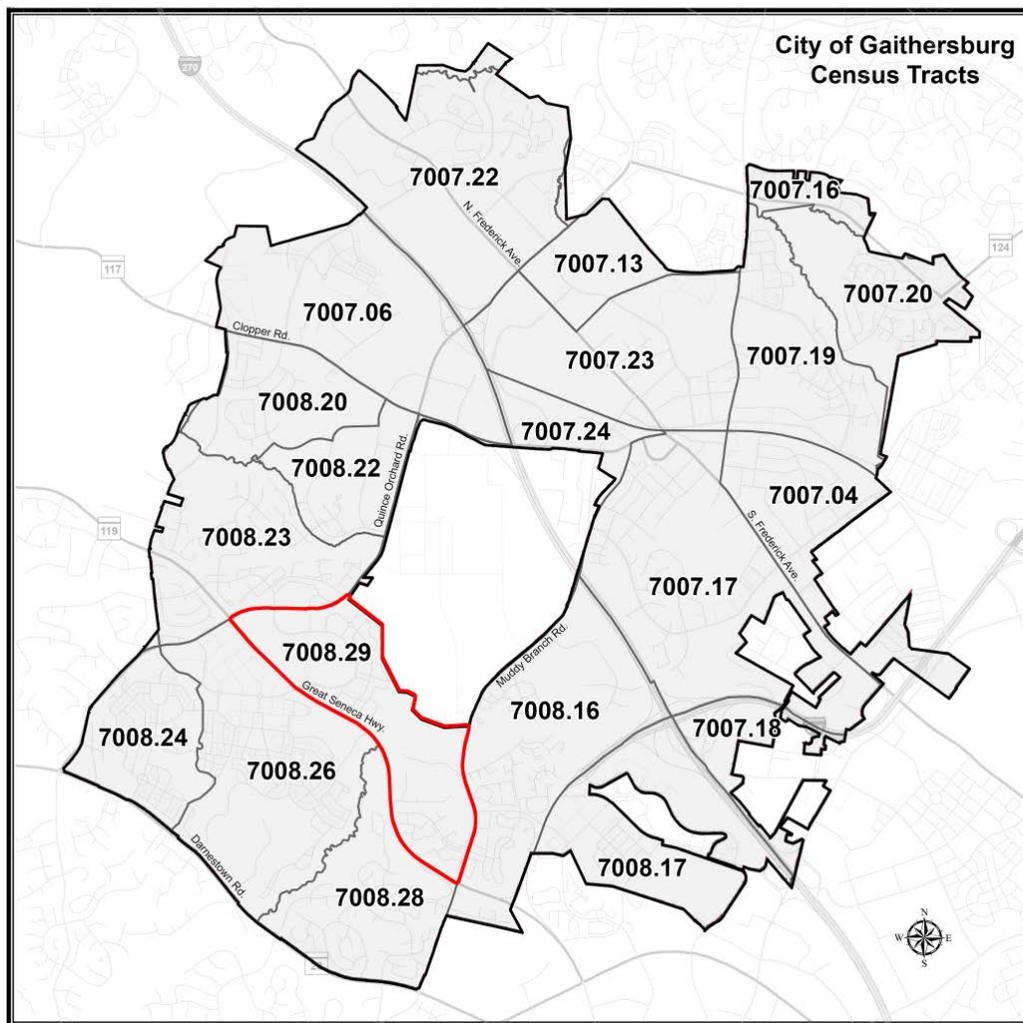
- 1,288 residents in this census tract commute to work (4.8% of City residents who work)
- Top 3 Districts residents commute to: District 4 (279 / 21.7%), District 9 (186 / 14.4%), and Washington D.C. (116 / 9.0%)
- Top 3 directions residents commute to: southeast (544 / 42.2%), east (279 / 21.7%), and northeast (121 / 9.4%)
- Most residents commute less than 10 miles (588 / 45.7%)



Study Area: Census Tracts

Census Tract 7008.29

Census tract 7008.29 is located west of I-270 and includes residential neighborhoods (Amberfield, Timberbrook, and Quince Orchard Park), as well as commercial development (Muddy Branch Square Shopping Center, Medimmune). Of note, the portion of this tract outside of the City includes the National Institute of Standards and Technology (NIST), a major federal government facility with many jobs. Information about the NIST area, which is completely surrounded by the City, is included for comparison.



Approximately 2,898 people work in the City portion of this census tract. Most workers commute from District 9 (454 / 15.7%). Most workers commute from the northwest (600 / 20.7%) and most workers commute less than 10 miles (1,262 / 43.5%).



Study Area: Census Tracts

Approximately 1,545 residents in the City portion of this census tract commute to work. Most residents commute to District 4 (339 / 21.9%). The majority of residents commute to the southeast (800 / 51.8%) and most residents commute less than 10 miles (705 / 45.6%).

Unlike the City as a whole, the largest number of incoming workers travel from the northwest rather than from the southeast, more workers commute from the north than from the east, and more workers commute from District 4 than from District 13. The remaining commuter characteristics of census tract 7008.29 are roughly similar to the City as a whole.

- Consists of residential neighborhoods, including Amberfield, Timberbrook, and Quince Orchard Park, as well as commercial development, including Muddy Branch Square Shopping Center, Medimmune, and NIST.

Workers (primary jobs)

- 2,898 people work in the City portion of this census tract (8.2% of all City jobs)
- Top 3 Districts workers commute from: District 9 (454 / 15.7%), District 6 (242 / 8.4%), and District 4 (196 / 6.8%)
- Top 3 directions workers commute from: northwest (600 / 20.7%), southeast (596 / 20.6%), and north (482 / 16.6%)
- Most workers commute less than 10 miles (1,262 / 43.5%)

Residents (population)

- 1,545 residents in the City portion of this census tract commute to work (5.8% of City residents who work)
- Top 3 Districts residents commute to: District 4 (339 / 21.9%), District 9 (249 / 16.1%), and Washington D.C. (174 / 11.3%)
- Top 3 directions residents commute to: southeast (800 / 51.8%), east (239 / 15.5%), and south (115 / 7.4%)
- Most residents commute less than 10 miles (705 / 45.6%).

Study Area: Census Tracts

Comparison of Census Tract 7008.29 NIST area in the County (completely surrounded by the City)

- The LEHD data shows only 30 jobs for the portion of Census Tract 7008.29 outside of the City (predominately the NIST facility). There are two commercial properties along Quince Orchard Road that are outside the City and likely have employees, which may account for some or all of the 30 workers shown in the LEHD data. However, the NIST website states that approximately 2,734 persons work at the Gaithersburg facility⁷ and this implies that the nearly all of the NIST jobs are excluded from the LEHD data.

Workers (primary jobs)

- 30 people work in the County portion of this census tract
- Top 3 Districts workers commute from: District 9 (5 / 16.7%); and a tie between District 8, District 1 Howard County, and District 5 Howard County (2 / 6.7% each)
- Top directions workers commute from: east (10 / 33.3%); and a tie between northeast, southwest, west, and northwest (4 / 13.3% each)
- Most workers commute between 10 and 24 miles (11 / 36.7%)

Residents (population)

- 3 residents in the County portion of this census tract commute to work
- Top 3 Districts residents commute to [tie]: District 9 (1 / 33.3%), District 1 Prince George's County (1 / 33.3%), and Dranesville District Fairfax County (1 / 33.3%)
- Top 3 directions residents commute to [tie]: east (1 / 33.3%), south (1 / 33.3%), and west (1 / 33.3%)
- Majority of residents commute between 10 and 24 miles (2 / 66.7%)

7 <http://www.nist.gov/ohrm/index.cfm>

