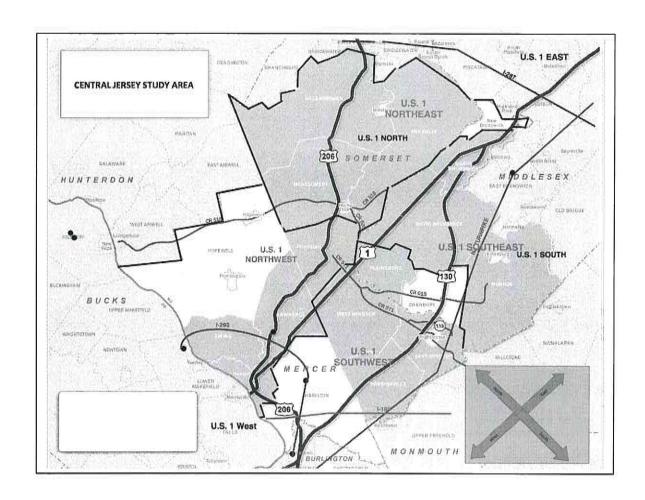
COMMUTER TRAFFIC CHANGES IN RT. 1 STUDY AREA 2008-2017 Some Very Preliminary Findings



ABOUT THE NUMBERS

At this early stage in our analysis, all initial estimates come from the U.S. Census Bureau's annual *American Community Survey*. Each year, the bureau surveys 3.5 million households across the nation. It takes five years of household samples for most of our municipalities to yield enough data for an average annual estimate that is 90% accurate (within a frequently wide +/- range). Such estimates help call attention to patterns and issues and are useful for strategic planning, but nowhere near precise enough for project planning.

We face a special challenge in using the survey's "Journeys to Work" estimates of commuter origins and destinations. Because the Census Bureau must derive them from a collective analysis of data from all municipal surveys gathered each year, the Journey to Work results lag behind, in the years they are released, the annual estimates for most other municipal data. The most recent overall estimates for most municipal data are for 2013-2017. As of this date, the most recently released Journey-to-Work survey is for 2011-2015, but the bureau has not yet had time to break those commuter flow estimates down by transportation modes used by commuters. In consequence, temporarily we have used the 2009-2013 Journey to Work survey. In consequence, none of the estimates here should be considered as "fixed." Obviously, as newer estimates become available we will update.

"Study Area" Municipalities in This Analysis

A final note: For this analysis, we have included all municipal jurisdictions originally defined as within the study area, even if they have not yet joined as members of the Forum. In fact, because of commuting relationships with municipalities within the study area, Piscataway, Edison, Highland Park, and Metuchen may warrant inclusion. If they were added, "Central Jersey" might thus be defined as the section of the Rt. 1 corridor between I-287 and I-295/I-195.

Princeton Transportation Task Group

Ralph Widner Boris Mailliard Surinder Sharma, PhD Joel Zief

A.

ESTIMATED CHANGES IN WORKFORCE AND COMMUTATION, 2008-2017 RT. 1 GROWTH STRATEGY STUDY AREA

(All tables are in the appendix.)

1. Resident commuters increased 3.8%, 2008-2017 (Table 1)

- The number of resident commuters in the Rt. 1 Growth Study area increased by an estimated +/-12,500 (3.8%) from 2008 to 2017.
- The number of study area residents who work in their hometowns increased by an estimated +/-4,660 (6.0%) during the same period.
- The estimated number of residents who out-commuted from their hometown went up by nearly +/-7,800 (3.1%).

2. The area's daily workforce and number of in-commuters grew 6%. (Table 1)

- The study area's daily workforce expanded by an estimated +/-23,550 (6.1%) during 2008-2017, about twice the percentage increase for the state.
- The estimated number of in-commuters into the area increased by around +/-18,900.

3. About 52% of resident out-commuters work in another study area town. (Tables 2-5)

About +/- 134,890 resident out-commuters journeyed to a job in one of the other towns within the study area during 2009-2013. Taken together with the 79,442 resident commuters who worked in their hometowns during that period, this means that over 214,000 resident commuters worked within the study area—over 64% of all resident commuters. Only roughly one-fifth of these resident commuters who drove to jobs within the area used Rt. 1.

4. In-Commuters

 The estimated number of workers commuting into the study area each workday during 2009-2013 was half again as great as the numbers of residents leaving the area each workday for jobs elsewhere.

5. Transport Modes Used by Resident Commuters to Get to Work

- The number of resident commuters driving alone to their job increased by an estimated 10%.
- Despite reliability problems with New Jersey rail transit service during the latter years of 2008-2017, there appears to have been a significant increase in area commuters using rail transit (and a drop in those riding a bus).

В.

PLANNING QUESTIONS ARISING FROM THE ANALYSIS SO FAR

1. Greater attention to east-west/north-south commuter patterns is essential.

Though we are barely into assessing the patterns of intra-municipal commuter traffic within the area, it seems apparent that for resident commuters who work within the area, east-west transportation may be more important than transit within the Rt. 1 corridor itself.

Table A is based on a quick, early review of lone-driver commutes between individual municipalities within the study area as reported in the census' 2009-2013 *Journey to Work* survey. In many cases, it's easy to judge whether it was necessary for the commuter to use Rt. 1 to get between origin and destination; in others it is hard to know whether the driver used Rt. 1 for just a part of the journey, or resorted to back routes to avoid congestion. This is simply a starting point for further, more expert analysis.

Table A.
Intra-Municipal Lone-Driver Study Area Commuters
Who Might Have Used, Crossed, or Did Not Use Rt. 1, 2009-2013
Very Preliminary Working Guesstimate

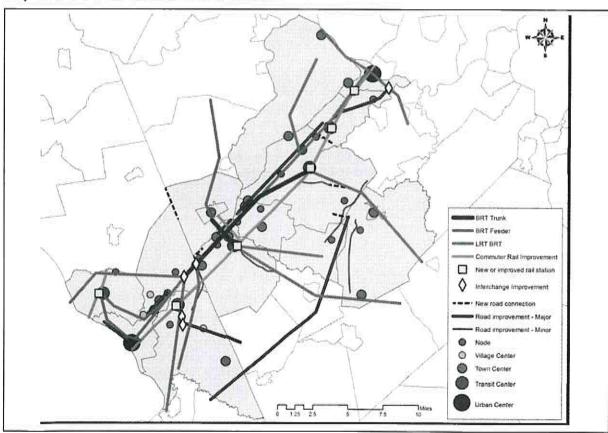
| | KILL OF STREET | | | Crossed | | Other | |
|-------------------------|----------------|-------------|-------|---------|-------|--------|-------|
| Municipality | Drove alone | Used U.S. 1 | % | U.S. 1 | % | Route | % |
| East Windsor | 5,575 | 0 | 0.0% | 2,172 | 39.0% | 3,403 | 61.0% |
| Ewing | 8,324 | 570 | 6.8% | 1,940 | 23.3% | 5,814 | 69.8% |
| Hamilton | 20,851 | 1,552 | 7.4% | 14,927 | 71.6% | 4,372 | 21.0% |
| Hightstown | 989 | 40 | 4.0% | 173 | 17.5% | 776 | 78.5% |
| Hopewell Borough | 544 | 0 | 0.0% | 86 | 15.8% | 458 | 84.2% |
| Hopewell Twp. | 5,051 | 204 | 4.0% | 871 | 17.2% | 3,976 | 78.7% |
| Lawrence | 8,129 | 1,177 | 14.5% | 2,529 | 31.1% | 4,423 | 54.4% |
| Pennington | 648 | 0 | 0.0% | 234 | 36.1% | 414 | 63.9% |
| Princeton | 2,478 | 551 | 22.2% | 654 | 26.4% | 1,273 | 51.4% |
| Robbinsville | 3,622 | 58 | 1.6% | 1,404 | 38.8% | 2,160 | 59.6% |
| Trenton | 9,813 | 1,656 | 16.9% | 3,545 | 36.1% | 4,612 | 47.0% |
| West Windsor | 4,230 | 1,525 | 36.1% | 1,754 | 41.5% | 951 | 22.5% |
| Cranbury | 481 | 90 | 18.7% | 133 | 27.7% | 258 | 53.6% |
| Jamesburg | 542 | 42 | 7.7% | 68 | 12.5% | 432 | 79.7% |
| Monroe | 2,845 | 194 | 6.8% | 883 | 31.0% | 1,768 | 62.1% |
| New Brunswick | 2,179 | 925 | 42.5% | 490 | 22.5% | 764 | 35.1% |
| N. Brunswick | 5,766 | 2,740 | 47.5% | | 0.0% | 3,026 | 52.5% |
| Plainsboro | 4,224 | 1,646 | 39.0% | 1,249 | 29.6% | 1,329 | 31.5% |
| South Brunswick | 7,462 | 4,302 | 57.7% | 1,491 | 20.0% | 1,669 | 22.4% |
| Franklin | 6,774 | 0 | 0.0% | 2,087 | 30.8% | 4,687 | 69.2% |
| Hillsborough | 3,927 | 0 | 0.0% | 625 | 15.9% | 3,302 | 84.1% |
| Montgomery | 3,678 | 0 | 0.0% | 882 | 24.0% | 2,796 | 76.0% |
| Rocky Hill | 140 | 0 | 0.0% | 34 | 24.3% | 106 | 75.7% |
| Totals | 108,272 | 17,272 | 16.0% | 38,231 | 35.3% | 52,769 | 48.7% |

Source: 2009-2013 Journey to Work Survey; U.S. Census Bureau and team judgements.

The 2010 Growth Strategy stressed the importance of at least three cross-Rt. 1 transit links, but did not address details. We are now at a point where an updated plan must address <u>detailed</u> transit and traffic management options <u>across</u> Rt. 1, as well as for Rt.1 itself.

Example:

The long-standing rail link between Princeton and Princeton Junction is served by an aging technology and its unreliability aggravates rather than alleviates road congestion. As the 2010 strategy suggested, this cross-Rt. 1 corridor is key for commuters from multiple municipalities on both sides of Rt. 1 who pass through Princeton and West Windsor on their way to work, or on their way to the Princeton Junction station.



Source: 2010 NJDOT Rt. 1 Growth Strategy Final Report.

2. Who are potential users of a Rt. 1 Transit Line?

If it turns out to be true that only about a fifth of resident commuters are likely to find transit within the Rt. 1 corridor a convenient way to get to and from work, we must ask from where do the commuters come who make up most of the Rt.1 rush hour traffic and where are they going?

It is likely that we'll find that the largest percentage of rush hour commuters traffic on Rt. 1 comes from outside the area. If that is true, we must do a great deal of creative thinking about how we can serve them with transit and re-think the Rt. 1 trunk transit proposal.

For example, it's highly likely that a large percentage of the commuter traffic coming into and exiting the corridor from south of the study area originates in Burlington County. While the destination for many from that county is Trenton/Ewing, a significant percentage continues up the corridor as far as New Brunswick (**Table B**).

The vast majority of these Burlington County commuters do not live in towns on or near the River Line. They come from very dispersed locations in a large county. They are highly unlikely to opt for a two-seat ride by parking their car and boarding a transit line for their final miles to work.

When we look for the biggest commuter traffic generators coming from the north, we'll undoubtedly find that many of the same questions arise.

Table B.
Estimated In-Commutes to Study Area from Burlington and Bucks Counties 2009-2013

| 2005-2015 | | | | | | |
|-----------------|------------------------|-----------------------|--|--|--|--|
| | From Burlington County | From Bucks County, PA | | | | |
| Trenton | 6,868 | 4,866 | | | | |
| Hamilton | 5,524 | 2,326 | | | | |
| Ewing | 1,778 | 2,697 | | | | |
| Lawrence | 1,733 | 2,720 | | | | |
| Princeton | 1,426 | 1,287 | | | | |
| West Windsor | 1,181 | 1,887 | | | | |
| Robbinsville | 629 | 162 | | | | |
| Hopewell Twp. | 588 | 1,296 | | | | |
| South Brunswick | 561 | 432 | | | | |
| New Brunswick | 410 | 146 | | | | |
| East Windsor | 371 | 162 | | | | |
| Plainsboro | 344 | 814 | | | | |
| Monroe | 188 | | | | | |
| Montgomery | 139 | 330 | | | | |
| Cranbury | 124 | 88 | | | | |
| Franklin | 50 | | | | | |
| Hightstown | 37 | | | | | |
| Pennington | 11 | 509 | | | | |
| North Brunswick | | 38 | | | | |
| Total | 21,962 | 19,760 | | | | |

7

COMMUTER TRAFFIC CHANGES IN RT. 1 STUDY AREA 2008-2017 Some Very Preliminary Findings

APPENDIX

Table 1
Estimated Changes in Numbers of Commuters, 2008-2017
Rt. 1 Growth Study Area

| | 2008-2012 | 2013-2017 | Change | Percent |
|--------------------|-----------|-----------|--------|---------|
| Resident Commuters | 330,624 | 343,076 | 12,452 | 3.8% |
| Worked in town | 77,872 | 82,534 | 4,662 | 6.0% |
| Out-commuted | 252,752 | 260,542 | 7,790 | 3.1% |
| Daily Workforce | 388,231 | 411,785 | 23,554 | 6.1% |
| Resident workers | 77,872 | 82,534 | 4,662 | 6.0% |
| In-commuters | 310,359 | 329,251 | 18,892 | 6.1% |

Source: 2008-2012 and 2013-2017 American Community Surveys; U.S. Bureau of Census

Table 2
Estimated Total Resident Commuters Who Worked Within Study Area 2009-2013*

| | | The second secon | The state of the s |
|-------------------|--------------------|--|--|
| | Worked in Hometown | Out-Commuted to Study Area Town | Total |
| Hamilton | 11,945 | 23,505 | 35,450 |
| Trenton | 10,201 | 16,669 | 26,870 |
| New Brunswick | 9,109 | 4,817 | 13,926 |
| Ewing | 4,130 | 9,285 | 13,415 |
| Lawrence | 3,938 | 9,345 | 13,283 |
| Franklin | 5,287 | 7,797 | 13,084 |
| South Brunswick | 3,819 | 8,902 | 12,721 |
| Princeton | 7,553 | 3,197 | 10,750 |
| North Brunswick | 3,422 | 6,688 | 10,110 |
| Plainsboro | 2,381 | 7,339 | 9,720 |
| East Windsor | 2,212 | 7,332 | 9,544 |
| Hillsborough | 4,481 | 4,139 | 8,620 |
| West Windsor | 2,627 | 4,815 | 7,442 |
| Hopewell Township | 1,590 | 5,474 | 7,064 |
| Montgomery | 1,961 | 3,902 | 5,863 |
| Monroe | 2,316 | 3,131 | 5,447 |
| Robbinsville | 789 | 3,775 | 4,564 |
| Hightstown | 219 | 1,688 | 1,907 |
| Jamesburg | 354 | 886 | 1,240 |
| Pennington | 190 | 898 | 1,088 |
| Cranbury | 392 | 499 | 891 |
| Hopewell Borough | 187 | 660 | 847 |
| Rocky Hill | 64 | 147 | 211 |
| Total | 79,167 | 134,890 | 214,057 |

Source: 2009-2013 Journey to Work Survey; U.S. Bureau of Census

^{*}The 2009-2013 Journey to Work Survey gave us the only commuter origin/destination estimates broken down by mode of transport to work. As a result, these estimates will not match up with the 2013-2017 overall municipal estimates. Journey to Work estimates will be updated as new ones are released.

Table 2a.

Total Resident Commuters Who Worked Within and Outside Study Area
Estimated 2009-2013*

| | | Estimated 2009 | -2013 | THE RESIDENCE OF THE PARTY OF T | - |
|-----------------|---------|-------------------------|---------|--|-------|
| | Total | Worked in Study Area | Percent | Worked Outside Study Area | Total |
| Hamilton | 44,312 | 35,450 | 80.0% | 8,862 | 20.0% |
| Trenton | 32,898 | 26,870 | 81.7% | 6,028 | 18.3% |
| Franklin | 31,256 | 13,084 | 41.9% | 18,172 | 58.1% |
| New Brunswick | 23,706 | 13,926 | 58.7% | 9,780 | 41.3% |
| South Brunswick | 21,942 | 12,721 | 58.0% | 9,221 | 42.0% |
| North Brunswick | 21,246 | 10,110 | 47.6% | 11,136 | 52.4% |
| Hillsborough | 20,283 | 8,620 | 42.5% | 11,663 | 57.5% |
| Lawrence | 16,994 | 13,283 | 78.2% | 3,711 | 21.8% |
| Ewing | 16,796 | 13,415 | 79.9% | 3,381 | 20.1% |
| Monroe | 14,294 | 5,447 | 38.1% | 8,847 | 61.9% |
| East Windsor | 13,968 | 9,544 | 68.3% | 4,424 | 31.7% |
| Princeton | 13,649 | 10,750 | 78.8% | 2,899 | 21.2% |
| West Windsor | 12,932 | 7,442 | 57.5% | 5,490 | 42.5% |
| Plainsboro | 12,216 | 9,720 | 79.6% | 2,496 | 20.4% |
| Montgomery | 9,827 | 5,863 | 59.7% | 3,964 | 40.3% |
| Hopewell Twp. | 8,898 | 7,064 | 79.4% | 1,834 | 20.6% |
| Robbinsville | 6,990 | 4,564 | 65.3% | 2,426 | 34.7% |
| Hightstown | 3,140 | 1,907 | 60.7% | 1,233 | 39.3% |
| Jamesburg | 2,585 | 1,240 | 48.0% | 1,345 | 52.0% |
| Cranbury | 1,695 | 891 | 52.6% | 804 | 47.4% |
| Pennington | 1,260 | 1,088 | 86.3% | 172 | 13.7% |
| Hopewell Boro | 1,012 | 847 | 83.7% | 165 | 16.3% |
| Rocky Hill | 282 | 211 | 74.8% | 71 | 25.2% |
| Totals | 332,181 | 214,057 | 64.4% | 118,124 | 35.6% |

Source: 2009-2013 Journey to Work Survey; U.S. Bureau of Census

^{*}The 2009-2013 Journey to Work Survey gave us the only commuter origin/destination estimates broken down by mode of transport to work. As a result, these estimates will not match up with the 2013-2017 overall municipal estimates. Journey to Work estimates will be updated as new ones are released.

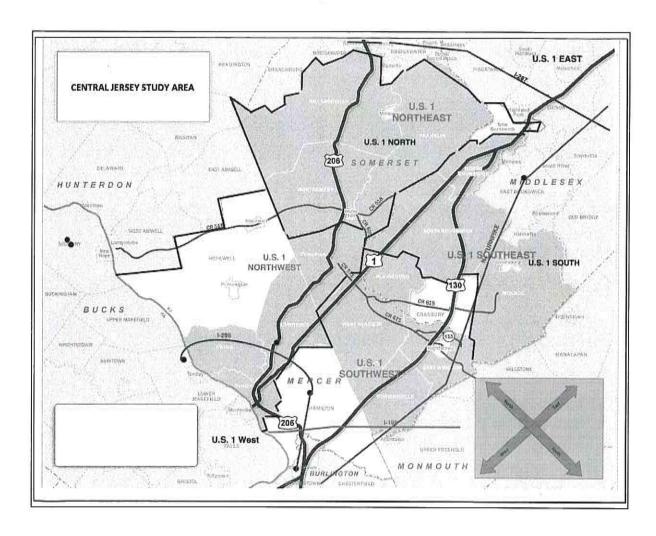
Table 3.
Estimated Change in Number of Resident Commuters, 2008-2017
Municipalities in Rt. Growth Study Area

| | 2013-2017 | 2008-2012 | Change | Percent |
|---------------|-----------|-----------|--------|---------|
| MONROE | 16,700 | 14,139 | 2,561 | 18.1% |
| FRANKLIN | 33,404 | 30,903 | 2,501 | 8.1% |
| MONTGOMERY | 11,480 | 9,776 | 1,704 | 17.4% |
| S. BRUNSWICK | 23,092 | 21,423 | 1,669 | 7.8% |
| HILLSBOROUGH | 21,400 | 19,744 | 1,656 | 8.4% |
| PRINCETON | 14,781 | 13,258 | 1,523 | 11.5% |
| WEST WINDSOR | 14,058 | 12,633 | 1,425 | 11.3% |
| HAMILTON | 45,674 | 44,350 | 1,324 | 3.0% |
| ROBBINSVILLE | 7,719 | 6,678 | 1,041 | 15.6% |
| TRENTON | 33,843 | 32,899 | 944 | 2.9% |
| HOPEWELL TWP | 9,063 | 8,125 | 938 | 11.5% |
| JAMESBURG | 3,163 | 2,747 | 416 | 15.1% |
| N. BRUNSWICK | 21,069 | 20,903 | 166 | 0.8% |
| EWING | 17,071 | 17,018 | 53 | 0.3% |
| ROCKY HILL | 287 | 257 | 30 | 11.7% |
| HOPEWELL BORO | 1,058 | 1,054 | 4 | 0.4% |
| CRANBURY | 1,733 | 1,733 | 0 | 0.0% |
| PENNINGTON | 1,225 | 1,241 | -16 | -1.3% |
| LAWRENCE | 16,858 | 16,896 | -38 | -0.2% |
| HIGHTSTOWN | 2,893 | 2,993 | -100 | -3.3% |
| PLAINSBORO | 11,714 | 12,516 | -802 | -6.4% |
| EAST WINDSOR | 13,229 | 14,713 | -1,484 | -10.1% |
| NEW BRUNSWICK | 21,562 | 24,625 | -3,063 | -12.4% |
| Total | 343,076 | 330,624 | 12,452 | 3.8% |

Source: 2008-2012 and 2013-2017 American Community Surveys; U.S. Bureau of Census

Geographic Division of Study Area For Intra-Municipal Commutes

5 10 1



To summarize intra-municipal commutes in Tables 3 and 4, we divided the study area into four geographic areas. To determine how many of these commutes involved Rt. 1, we used a matrix of lone driver commuter trips between individual municipalities within the study area. The results so far, still under critical examination, are summarized in Table 5.

Table 4
Estimated Study Area Out-Commuters to Study Area Municipalities, 2009-2013
By Study Area Sub-Divisions

| | By St | udy Area Sub-D | ivisions | | |
|-----------------|--------------------|--------------------|--------------------|--------------------|---------|
| | Rt. 1 Northeast | Rt. 1 Northwest | Rt. 1 Southeast | Rt. 1 Southwest | Totals |
| Rt. 1 Southwest | | | | | |
| Hamilton | 1,122 | 16,780 | 2,014 | 3,589 | 23,505 |
| Hightstown | 31 | 411 | 443 | 803 | 1,688 |
| Robbinsville | 58 | 1,448 | 459 | 1,810 | 3,775 |
| West Windsor | 563 | 2,172 | 1,215 | 865 | 4,815 |
| Plainsboro | 551 | 2,259 | 3,201 | 1,328 | 7,339 |
| Cranbury | 61 | 170 | 164 | 104 | 499 |
| East Windsor | 783 | 2,062 | 2,251 | 2,236 | 7,332 |
| Sub-total | 3,169 | 25,302 | 9,747 | 10,735 | 48,953 |
| Rt. 1 Northwest | | | | | |
| Trenton | 409 | 8,110 | 880 | 7,270 | 16,669 |
| Ewing | 573 | 6,129 | 458 | 2,125 | 9,285 |
| Lawrence | 656 | 4,831 | 1,089 | 2,769 | 9,345 |
| Princeton | 585 | 1,172 | 589 | 851 | 3,197 |
| Hopewell Boro. | 99 | 447 | 40 | 74 | 660 |
| Hopewell Twp. | 352 | 4,022 | 257 | 843 | 5,474 |
| Pennington | 38 | 632 | 58 | 170 | 898 |
| Sub-total | 2,712 | 25,343 | 3,371 | 14,102 | 45,528 |
| Rt. 1 Southeast | | | | | |
| South Brunswick | 3,612 | 2,064 | 1,978 | 1,248 | 8,902 |
| Monroe | 833 | 374 | 1,321 | 603 | 3,131 |
| Jamesburg | 135 | 68 | 652 | 31 | 886 |
| North Brunswick | 3,852 | 677 | 1,916 | 243 | 6,688 |
| Sub-total | 8,432 | 3,183 | 5,867 | 2,125 | 19,607 |
| Rt. 1 Northeast | | | | | |
| New Brunswick | 2,392 | 157 | 1,957 | 311 | 4,817 |
| Franklin | 4,018 | 1,389 | 1,678 | 712 | 7,797 |
| Montgomery | 1,125 | 1,869 | 611 | 297 | 3,902 |
| Hillsborough | 2,443 | 1,025 | 345 | 326 | 4,139 |
| Rocky Hill | 56 | 55 | 29 | 7 | 147 |
| Sub-total | 10,034 | 4,495 | 4,620 | 1,653 | 20,802 |
| Grand total | 14,369 | 53,883 | 19,014 | 26,969 | 134,890 |

Source: 2009-2013 Journey to Work Survey, American Community Survey; U.S. Census Bureau

Table 5
Estimated Study Area In-Commuters to Study Area Municipalities, 2009-2013
By Study Area Sub-Divisions

| | Rt. 1 | Rt. 1 | Rt. 1 | Rt. 1 | |
|-----------------|-----------|---|-----------|-----------|---------|
| | Northeast | Northwest | Southeast | Southwest | Totals |
| Rt. 1 Southwest | | | | | |
| Hamilton | 578 | 7,196 | 573 | 2,319 | 10,666 |
| Hightstown | | 261 | 69 | 678 | 1,008 |
| Robbinsville | 146 | 1,027 | 162 | 1,678 | 3,013 |
| West Windsor | 900 | 4,636 | 1,845 | 3,340 | 10,721 |
| Plainsboro | 1,436 | 1,544 | 961 | 1,962 | 5,903 |
| Cranbury | 777 | 309 | 1,017 | 777 | 2,880 |
| East Windsor | 368 | 886 | 665 | 1,355 | 3,274 |
| Sub-total | 4,205 | 15,859 | 5,292 | 12,109 | 37,465 |
| Rt. 1 Northwest | | 111111111111111111111111111111111111111 | | | * |
| Trenton | 770 | 5,301 | 835 | 9,342 | 16,248 |
| Ewing | 479 | 4,043 | 308 | 3,667 | 8,497 |
| Lawrence | 886 | 5,019 | 1,059 | 4,449 | 11,413 |
| Princeton | 2,241 | 6,332 | 2,124 | 3,553 | 14,250 |
| Hopewell Boro. | | 487 | | 97 | 584 |
| Hopewell Twp. | 515 | 1,811 | 325 | 1,331 | 3,982 |
| Pennington | 281 | 1,377 | 284 | 434 | 2,376 |
| Sub-total | 5,172 | 24,370 | 4,935 | 22,873 | 57,350 |
| Rt. 1 Southeast | | | | | |
| South Brunswick | 3,256 | 1,319 | 1,176 | 2,197 | 7,948 |
| Monroe | 922 | 199 | 917 | 1,054 | 3,092 |
| Jamesburg | 145 | | 471 | | 616 |
| North Brunswick | 5,765 | 141 | 1,222 | 402 | 7,530 |
| Sub-total | 10,088 | 1,659 | 3,786 | 3,653 | 19,186 |
| Rt. 1 Northeast | | | | | |
| New Brunswick | 5,635 | 695 | 2,128 | 1,049 | 9,507 |
| Franklin | 3,407 | 381 | 1,169 | 556 | 5,513 |
| Montgomery | 1,553 | 1,280 | 599 | 478 | 3,910 |
| Hillsborough | 948 | 215 | 74 | 72 | 1,309 |
| Sub-total | 11,543 | 2,571 | 3,970 | 2,155 | 20,239 |
| Grand total | 31,008 | 44,459 | 17,983 | 40,790 | 134,240 |

Source: 2009-2013 Journey to Work Survey, American Community Survey; U.S. Census Bureau

Table 6
Estimated Daily Workforce, 2008-2017
Ranked by Size

Municipalities in Rt. Growth Study Area

| | 2013-2017 | 2008-2012 | Change | Percent |
|---------------|-----------|-----------|--------|---------|
| TRENTON | 48,904 | 50,182 | -1,278 | -2.5% |
| NEW BRUNSWICK | 45,184 | 41,884 | 3,300 | 7.9% |
| HAMILTON | 38,560 | 37,538 | 1,022 | 2.7% |
| FRANKLIN | 32,089 | 26,744 | 5,345 | 20.0% |
| PRINCETON* | 31,266 | 32204 | -938 | -2.9% |
| LAWRENCE | 26,643 | 24,427 | 2,216 | 9.1% |
| S. BRUNSWICK | 24,943 | 23,664 | 1,279 | 5.4% |
| EWING | 24,146 | 22,182 | 1,964 | 8.9% |
| WEST WINDSOR | 23,476 | 22,385 | 1,091 | 4.9% |
| PLAINSBORO | 16,539 | 15,066 | 1,473 | 9.8% |
| N. BRUNSWICK | 15,299 | 15,782 | -483 | -3.1% |
| HILLSBOROUGH | 13,515 | 11,332 | 2,183 | 19.3% |
| MONROE | 11,570 | 11,042 | 528 | 4.8% |
| HOPEWELL TWP | 11,552 | 10,130 | 1,422 | 14.0% |
| MONTGOMERY | 10,584 | 10,208 | 376 | 3.7% |
| ROBBINSVILLE | 9,276 | 6,070 | 3,206 | 52.8% |
| EAST WINDSOR | 8,041 | 9,407 | -1,366 | -14.5% |
| CRANBURY | 7,970 | 7,650 | 320 | 4.2% |
| PENNINGTON | 5,646 | 4,052 | 1,594 | 39.3% |
| HIGHTSTOWN | 2,557 | 2,510 | 47 | 1.9% |
| JAMESBURG | 2,485 | 2,283 | 202 | 8.8% |
| HOPEWELL BORO | 1,507 | 1,445 | 62 | 4.3% |
| Total | 411,752 | 388,187 | 23,565 | 6.1% |

Source: 2008-2012 and 2013-2017 American Community Surveys; U.S. Bureau of Census

^{*}The decline in Princeton's daily workforce resulted from the relocation of the medical center from Princeton to Plainsboro and relocation of some Princeton University administrative employees to Carnegie Center in West Windsor.

Table 7.
Resident Commuters Rode Rail Transit to Work
Estimated Changes by Area Municipality, 2008-2017
Rt. 1 Growth Study Area

| | Rail Transit 2008-2012 | Rail Transit 2013-2017 | Change | Percent |
|-----------------|---------------------------|---------------------------|--------|---------|
| WEST WINDSOR | 2,375 | 3,088 | 713 | 30.0% |
| FRANKLIN | 889 | 1,387 | 498 | 56.0% |
| PRINCETON | 868 | 1,022 | 154 | 17.7% |
| HAMILTON | 783 | 969 | 186 | 23.8% |
| NORTH BRUNSWICK | 773 | 864 | 91 | 11.8% |
| PLAINSBORO | 692 | 1,049 | 357 | 51.6% |
| EAST WINDSOR | 645 | 534 | -111 | -17.2% |
| SOUTH BRUNSWICK | 635 | 807 | 172 | 27.1% |
| LAWRENCE | 609 | 757 | 148 | 24.3% |
| NEW BRUNSWICK | 589 | 419 | -170 | -28.9% |
| HILLSBOROUGH | 507 | 569 | 62 | 12.2% |
| TRENTON | 469 | 553 | 84 | 17.9% |
| ROBBINSVILLE | 439 | 445 | 6 | 1.4% |
| MONTGOMERY | 378 | 734 | 356 | 94.2% |
| EWING | 362 | 249 | -113 | -31.2% |
| HOPEWELL TWP | 267 | 420 | 153 | 57.3% |
| HIGHTSTOWN | 117 | 0 | -117 | -100.0% |
| CRANBURY | 98 | 88 | -10 | -10.2% |
| MONROE | 78 | 228 | 150 | 192.3% |
| PENNINGTON | 44 | 43 | -1 | -2.3% |
| JAMESBURG | 11 | 52 | 41 | |
| ROCKY HILL | 3 | 2 | -1 | |
| HOPEWELL BORO | 0 | 26 | 26 | |

Source: 2008-2012 and 2013-2017 American Community Surveys; U.S. Bureau of Census