Modal Split by Borough for NYC Residents

Except in Staten Island, New York City residents rely on transportation other than cars to get to work. For workers commuting outside the borough of their residence, Subway/RR/Ferry is the major mode and, when combined with Bus users, constitute more than half of each of these borough’s outgoing commuters. In Staten Island, the car is the primary means of traveling to worksites both within and outside of the borough but is more auto-dominant for travel within the borough accounting for three-fourths of all on-island commuters.

Residents that live in the Bronx, Brooklyn and Manhattan and work in the same borough they reside in do not rely primarily on transit options (Subway/RR/Ferry/Bus). In Manhattan more than half use Other (walking, biking, etc) whereas in Brooklyn and the Bronx the Other and Auto shares are more important. As in Staten Island, in Queens Autos are the dominant mode of commuting within the borough.

<table>
<thead>
<tr>
<th>FINDINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Except Staten Island, workers commuting to work rely on transportation other than cars</td>
</tr>
<tr>
<td>Subway/RR/Ferry is the largest mode among workers commuting outside of their borough of residence, except on Staten Island</td>
</tr>
<tr>
<td>Residents that live in Brooklyn and Manhattan do not use car, bus or subway as their main mode when commuting within their home boroughs, but rely heavily on subway when commuting outside of their home boroughs.</td>
</tr>
<tr>
<td>In Queens and Staten Island, the plurality of workers use cars for commuting within their borough of residence and to other boroughs.</td>
</tr>
</tbody>
</table>

Figure 20. NYC Residents - Modal Split

![Figure 20. NYC Residents - Modal Split](image-url)
### Borough to Study Areas Work Trips by NYC Workers

This section examines travel from one NYC borough to the smaller geography of a "Super-PUMA". As defined by the U.S. Census Bureau, a “Super-PUMA” is a geographic area, with a population of 400,000 or more. In all instances of this report, the term Study Area is used instead of “Super-PUMA” for simplicity. The term Study Area refers directly to the technical term of “Super-PUMA”. Appendix A lists these Study Area details with the corresponding “Super-PUMA” details.

Table 5 shows the concentration of travel by workers into each Study Area from each of the NYC boroughs and outside New York City. The largest source of inbound workers is represented in bold print.

#### Table 5. Workers in Each Study Area by Borough of Residence

<table>
<thead>
<tr>
<th>Destination:</th>
<th>Study Areas of Work</th>
<th>Origin: Workers’ Borough of Residence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bronx</td>
<td></td>
<td>Bronx</td>
</tr>
<tr>
<td>91: Northeast</td>
<td></td>
<td>177,871</td>
</tr>
<tr>
<td>92: Southwest</td>
<td></td>
<td>90,179</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>168,050</td>
</tr>
<tr>
<td>Brooklyn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>121: Greenpoint/Brownsville</td>
<td>2,487</td>
<td>65,340</td>
</tr>
<tr>
<td>122: Ft. Greene/Bay</td>
<td>9,348</td>
<td>160,915</td>
</tr>
<tr>
<td>124: Gravesend/East New York</td>
<td>1,616</td>
<td>60,415</td>
</tr>
<tr>
<td>125: Boro Park/Coney Island</td>
<td>1,015</td>
<td>64,058</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>16,772</td>
</tr>
<tr>
<td>Queens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>111: Northwest</td>
<td>9,034</td>
<td>23,018</td>
</tr>
<tr>
<td>112: Northeast</td>
<td>3,154</td>
<td>9,973</td>
</tr>
<tr>
<td>113: Southeast</td>
<td>2,684</td>
<td>15,131</td>
</tr>
<tr>
<td>114: Southwest</td>
<td>2,283</td>
<td>11,589</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>17,155</td>
</tr>
<tr>
<td>Manhattan</td>
<td></td>
<td></td>
</tr>
<tr>
<td>101: North</td>
<td>22,380</td>
<td>13,005</td>
</tr>
<tr>
<td>102: West &amp; Lower</td>
<td>92,889</td>
<td>240,895</td>
</tr>
<tr>
<td>103: East</td>
<td>41,934</td>
<td>79,479</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>157,203</td>
</tr>
<tr>
<td>Staten Island</td>
<td></td>
<td></td>
</tr>
<tr>
<td>130: Staten Island</td>
<td>2,049</td>
<td>8,832</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>2,049</td>
</tr>
</tbody>
</table>

Source: US Census 2000

---

Figure 21. NYC Peripheral Travel Study Areas
Workers in the Brooklyn Study Areas who commute from other boroughs primarily travel from Queens, with a total of 83,772 (Table 5).

The workers commuting from the other boroughs to the four Study Areas in Queens are primarily coming from Brooklyn, with a total of 59,711 workers (Table 5, Table 6, and Table 7).

The majority of workers commuting from other boroughs to Staten Island come from Brooklyn, with a total of 8,832 workers (Map 25 and Table 5).

More Bronx residents commute to Northwest Queens than any other Queens Study Area, with a total of 9,034 workers (Map 63, Map 64, and Table 5).

Maps 11-25 on the following pages correspond to Table 5 and display the number of workers who travel from their home borough to their place of work in a borough’s study area.
Workers Who Live Outside Northeast Bronx and Work In Northeast Bronx

Total Workers Who Work in Northeast Bronx 125,413

FROM:
Connecticut 3.0%
New Jersey 12.2%
Long Island 13.0%
Other NY State 69.2%
Other 1.7%

Outside NYC 28,822

*There are 58,577 workers who live and work in Northeast Bronx.

Source: US Census 2000 (Table 3-001)
Workers Who Live Outside Southwest Bronx and Work In Southwest Bronx

Total Workers Who Work in Southwest Bronx: 149,858

Source: US Census 2000 (Table 3-001)
Map 13. Workers Who Live Outside Greenpoint/Brownsville and Work in Greenpoint/Brownsville

Workers Who Live Outside Greenpoint/Brownsville and Work In Greenpoint/Brownsville

Total Workers Who Work in Greenpoint/Brownsville: 108,418

From:
- Connecticut: 2.5%
- New Jersey: 23.3%
- Long Island: 56.9%
- Other NY State: 12.7%
- Other: 4.7%

Outside NYC: 13,841

*There are 32,927 workers who live and work in Greenpoint/Brownsville.

Source: US Census 2000 (Table 3-001)
Workers Who Live Outside Ft. Greene/Bay Ridge and Work In Ft. Greene/Bay Ridge

Total Workers Who Work in Ft. Greene/Bay Ridge
266,627

FROM:
Connecticut 2.1%
New Jersey 33.7%
Long Island 46.7%
Other NY State 13.3%
Other 4.2%

Outside NYC 33,665

*There are 60,237 workers who live and work in Ft. Greene/Bay Ridge.

Source: US Census 2000 (Table 3-001)
Workers Who Live Outside Crown Heights/Flatbush and Work In Crown Heights/Flatbush

Total Workers Who Work in Crown Heights/Flatbush 94,841

*There are 31,550 workers who live and work in Crown Heights/Flatbush.

Source: US Census 2000 (Table 3-001)

Workers Who Live Outside Gravesend/East New York and Work In Gravesend/East New York

Total Workers Who Work in Gravesend/East New York: 89,119

*There are 28,650 workers who live and work in Gravesend/East New York.

Source: US Census 2000 (Table 3-001)
Workers Who Live Outside Boro Park/Coney Island and Work In Boro Park/Coney Island

Total Workers Who Work in Boro Park/Coney Island
84,990

FROM:
Connecticut 1.2%
New Jersey 34.2%
Long Island 49.7%
Other NY State 11.0%
Other 3.9%

Outside NYC 6,522

*There are 30,987 workers who live and work in Boro Park/Coney Island.

Source: US Census 2000 (Table 3-001)
Map 18. Workers Who Live Outside Northwest Queens and Work In Northwest Queens

Workers Who Live Outside Northwest Queens and Work In Northwest Queens

Total Workers Who Work in Northwest Queens
210,027

FROM
Connecticut 1.7%
New Jersey 17.1%
Long Island 62.5%
Other NY State 12.6%
Other 6.1%

Outside NYC 37,616

*There are 64,539 workers who live and work in Northwest Queens.

Source: US Census 2000 (Table 3-001)
Workers Who Live Outside Northeast Queens and Work In Northeast Queens

Total Workers Who Work in Northeast Queens 128,713

Workers' Origins

- Queens 66.92%
- The Bronx 24.5%
- Manhattan 3.17%
- Outside NYC 19.04%
- Staten Island 0.68%

*There are 49,096 workers who live and work in Northeast Queens.

Source: US Census 2000 (Table 3-001)
Workers Who Live Outside Southeast Queens and Work In Southeast Queens

Total Workers Who Work in Southeast Queens 140,852

*There are 41,391 workers who live and work in Southeast Queens.

Source: US Census 2000 (Table 3-001)
Workers Who Live Outside Southwest Queens and Work in Southwest Queens

Total Workers Who Work in Southwest Queens 96,886

- Manhattan: 2,550
- Queens (outside Southwest Queens): 28,958
- The Bronx: 2,283
- Brooklyn: 11,589
- Staten Island: 712
- Outside NYC: 15,449

*There are 35,345 workers who live and work in Southwest Queens.

Source: US Census 2000 (Table 3-001)
Map 22. Workers Who Live Outside North Manhattan and Work in North Manhattan

Workers Who Live Outside North Manhattan and Work In North Manhattan

Total Workers Who Work in North Manhattan 134,021

FROM:
Connecticut 1.6%
New Jersey 39.2%
Long Island 17.1%
Other NY State 37.6%
Other 4.5%

Outside NYC 24,914

Staten Island 1,152

Workers' Origins

- Outside NYC 18.59%
- Queens 10.24%
- Brooklyn 9.7%
- Manhattan 43.91%
- The Bronx 16.7%

*There are 44,020 workers who live and work in North Manhattan.

Source: US Census 2000 (Table 3-001)
Map 23. Workers Who Live Outside West & Lower Manhattan and Work In West & Lower Manhattan

Workers Who Live Outside West & Lower Manhattan and Work In West & Lower Manhattan

Total Workers Who Work in West and Lower Manhattan
1,387,217

Workers’ Origins

- The Bronx 8.7%
- Manhattan 28.45%
- Brooklyn 17.37%
- Queens 16.63%
- Staten Island 2.88%
- Outside NYC 27.99%

*There are 183,040 workers who live and work in West & Lower Manhattan.

Source: US Census 2000 (Table 3-001)
Map 24. Workers Who Live Outside East Manhattan and Work in East Manhattan

Workers Who Live Outside East Manhattan and Work In East Manhattan

Total Workers Who Work in East Manhattan: 529,140

FROM:
- Connecticut: 6.3%
- New Jersey: 37.7%
- Long Island: 25.6%
- Other NY State: 25.5%
- Other: 3.6%

*There are 106,513 workers who live and work in East Manhattan.

Source: US Census 2000 (Table 3-001)
Map 25. Workers Who Live Outside Staten Island and Work in Staten Island

Workers Who Live Outside Staten Island and Work In Staten Island

Total Workers Who Work in Staten Island 116,930

FROM:
Connecticut 1.7%
New Jersey 71.9%
Long Island 12.5%
Other NY State 7.0%
Other 6.9%

Outside NYC 13,698

*There are 84,629 workers who live and work in Staten Island.

Source: US Census 2000 (Table 3-001)