

# Census Tracts 2000 - Journey to Work - Maps Summary

This section analyzes Journey-to-Work trips at the Census Tract level for Bronx, Brooklyn, Queens, and Staten Island boroughs. Census tracts usually have a population between 2,500 and 8,000 and can vary in size depending on the population density. This section also analyzes the availability and proximity of public transportation to the workers in the Census Tracts, as well as an emphasis on the Downtown Brooklyn and JFK Airport; two large employment centers in the Brooklyn and Queens boroughs.

As previously noted, the largest number of inter-borough work trips, excluding Manhattan, were between Queens and Brooklyn boroughs.

Table 21 lists the total number of workers commuting between boroughs, excluding Manhattan. In 2000, the greatest flow of inter-borough workers lived in Queens and work in Brooklyn, with 83,722 workers.

**Table 21. Location of Residence and Location of Work, by Borough**

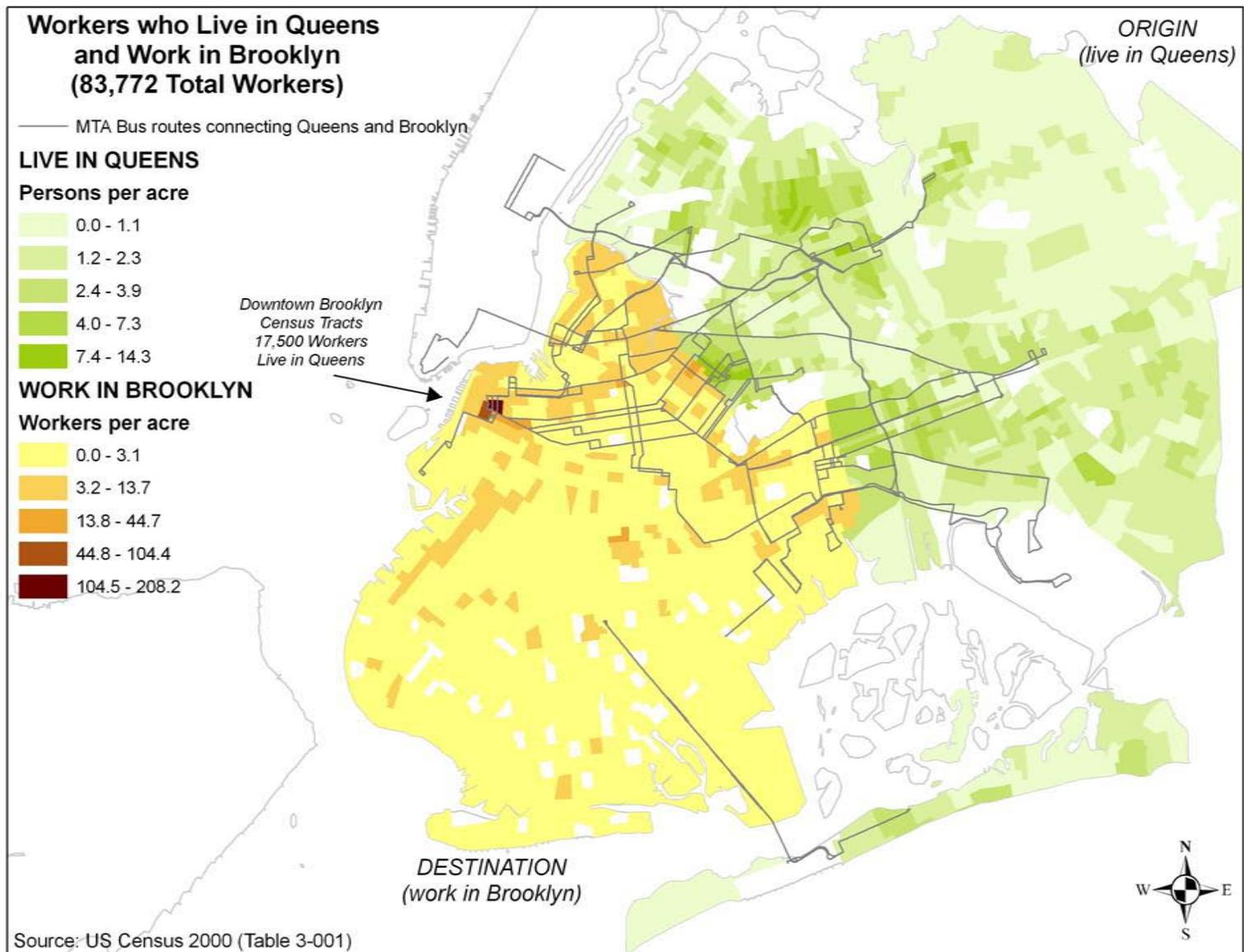
Source: U.S. Census 2000

LIVE	WORK	Total # of workers
Queens	Brooklyn	83,722
Brooklyn	Queens	59,711
Staten Island	Brooklyn	28,173
Queens	Bronx	17,479
Bronx	Queens	17,155
Bronx	Brooklyn	16,772
Brooklyn	Bronx	10,813
Brooklyn	Staten Island	8,832
Staten Island	Queens	5,368
Queens	Staten Island	5,002
Bronx	Staten Island	2,049
Staten Island	Bronx	1,028

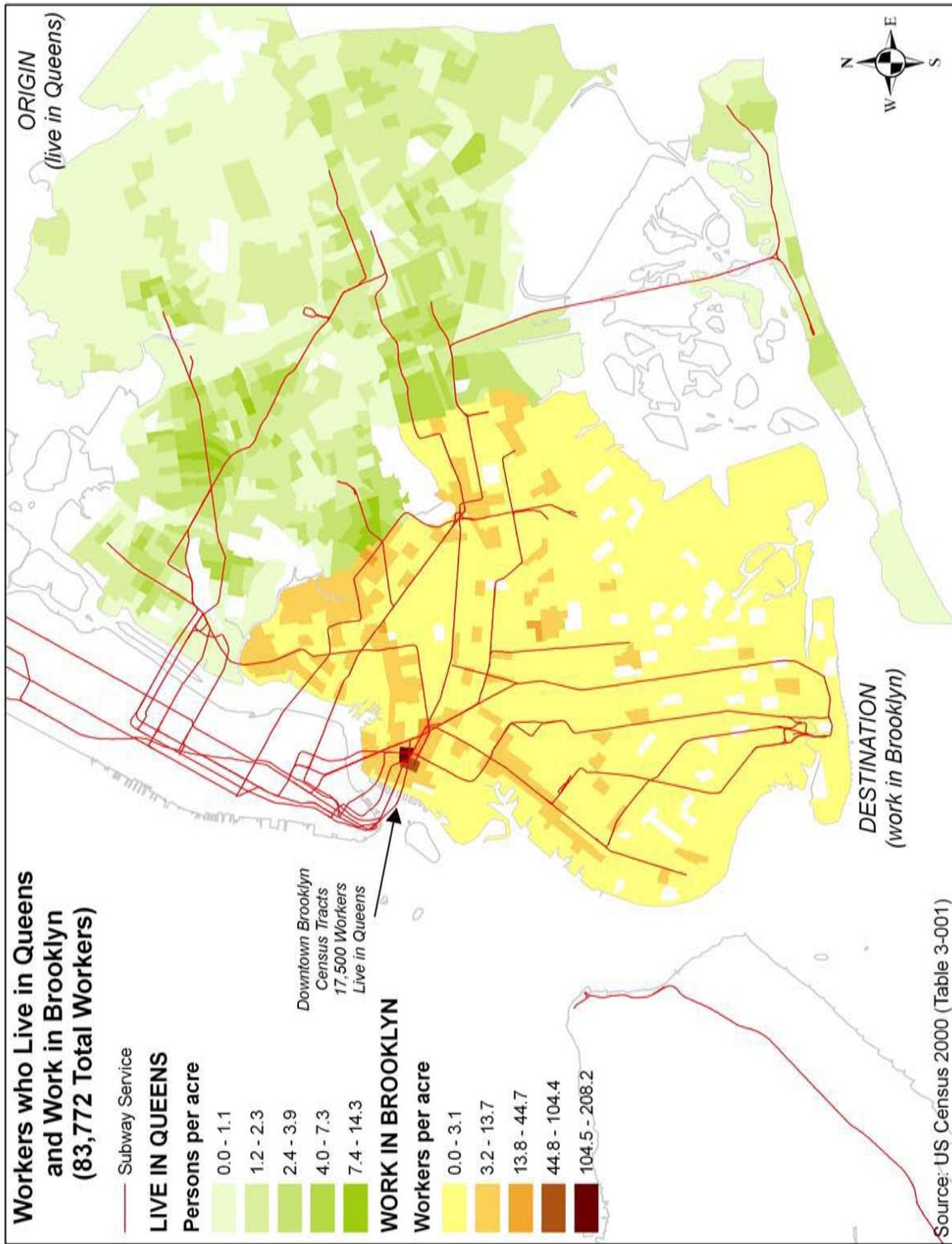
The “Census Transportation Planning Package” of 2000 US Census “Journey to Work” data was used to further study the concentrations of where workers both lived and worked, by census tracts, for inter-borough trips. The maps in this section display the density per acre of where the workers live and work in the respective census tracts in each borough. Maps 89 and 90 show the concentration of the 83,722 workers who live in Queens and work in Brooklyn, displayed by density per 2000 census tracts.

The greatest concentrations of workers, who live in Queens and work in Brooklyn, are the approximately 17,500 workers who work in the area of downtown Brooklyn. The network of MTA bus lines connecting Queens and Brooklyn, and the MTA subway routes, connect this high employment concentration in downtown Brooklyn with a majority of the high concentrations of where these workers live in Queens.

Map 89. Workers Who Live in Queens and Work in Brooklyn--(with Bus Routes)

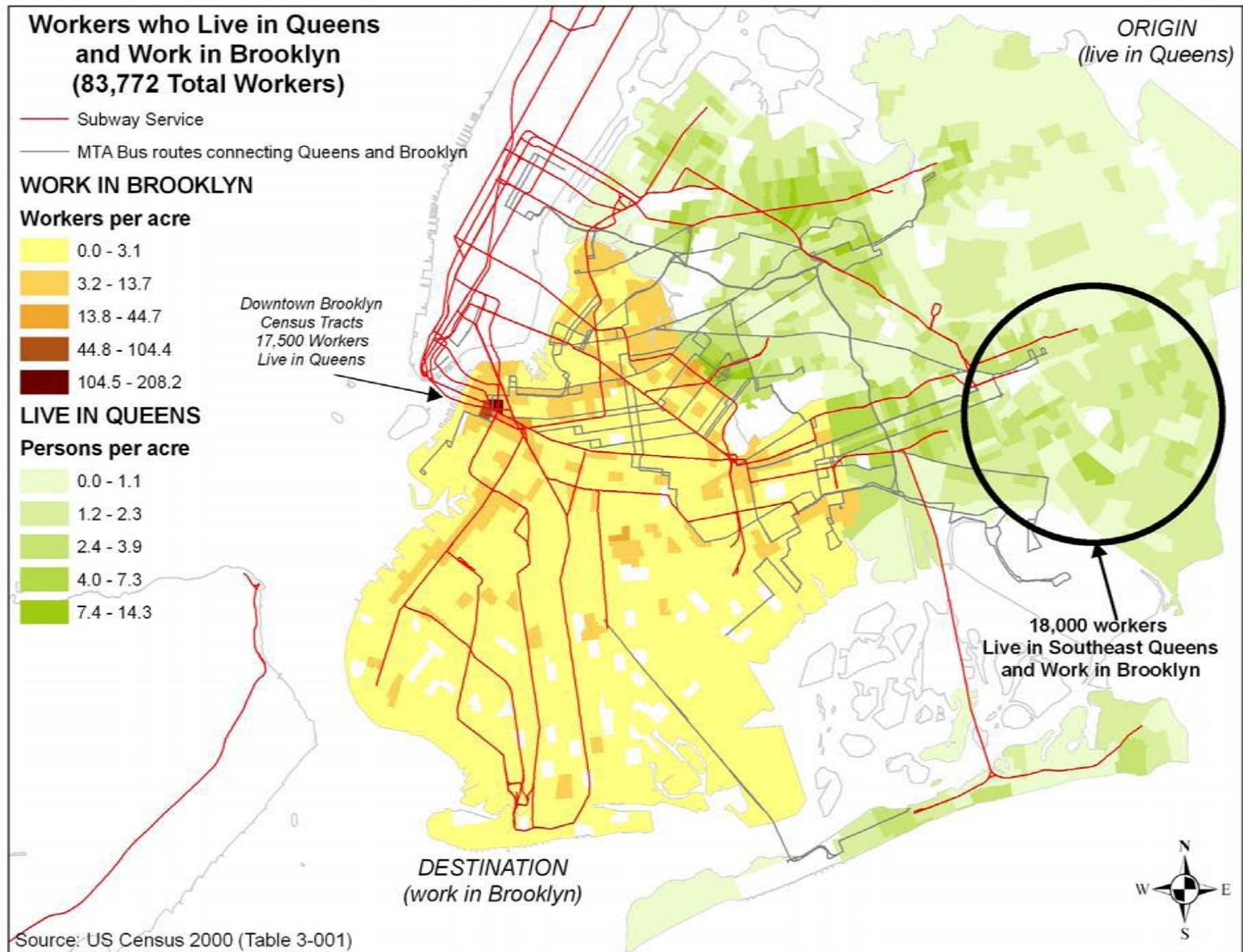


Map 90. Workers Who Live in Queens and Work in Brooklyn---(with Subway Routes)

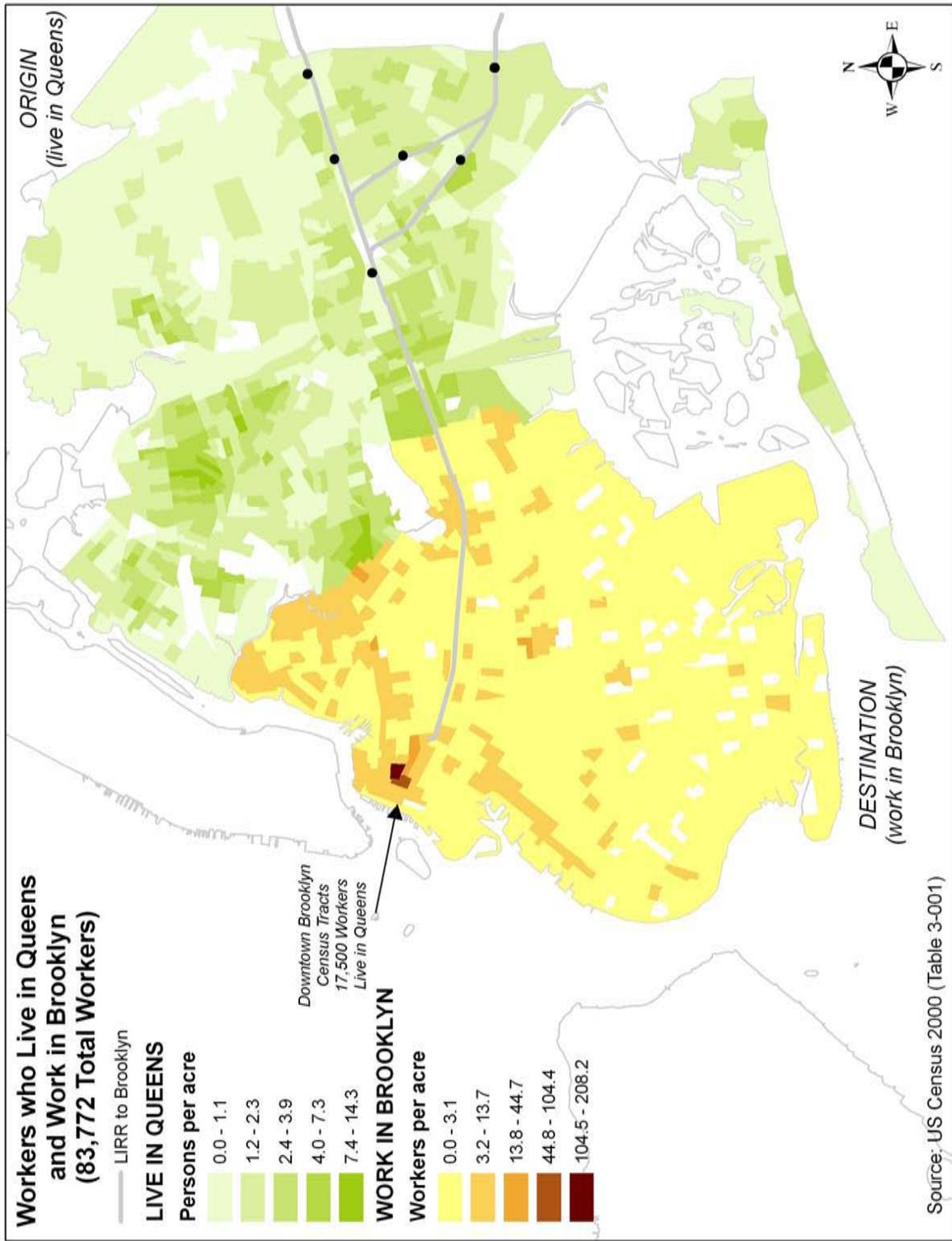


However, as noted on Map 91, the area of Southeast Queens contains approximately 18,000 workers that work in Brooklyn. This area is not directly connected with any subway routes, nor do any MTA bus routes in this area directly connect to Brooklyn. The Long Island Railroad (LIRR) does connect this area in Southeast Queens to the Atlantic Avenue station in Brooklyn, as shown on Map 92.

Map 91. Workers Who Live in Southeast Queens and Work in Brooklyn--(with Bus Routes)

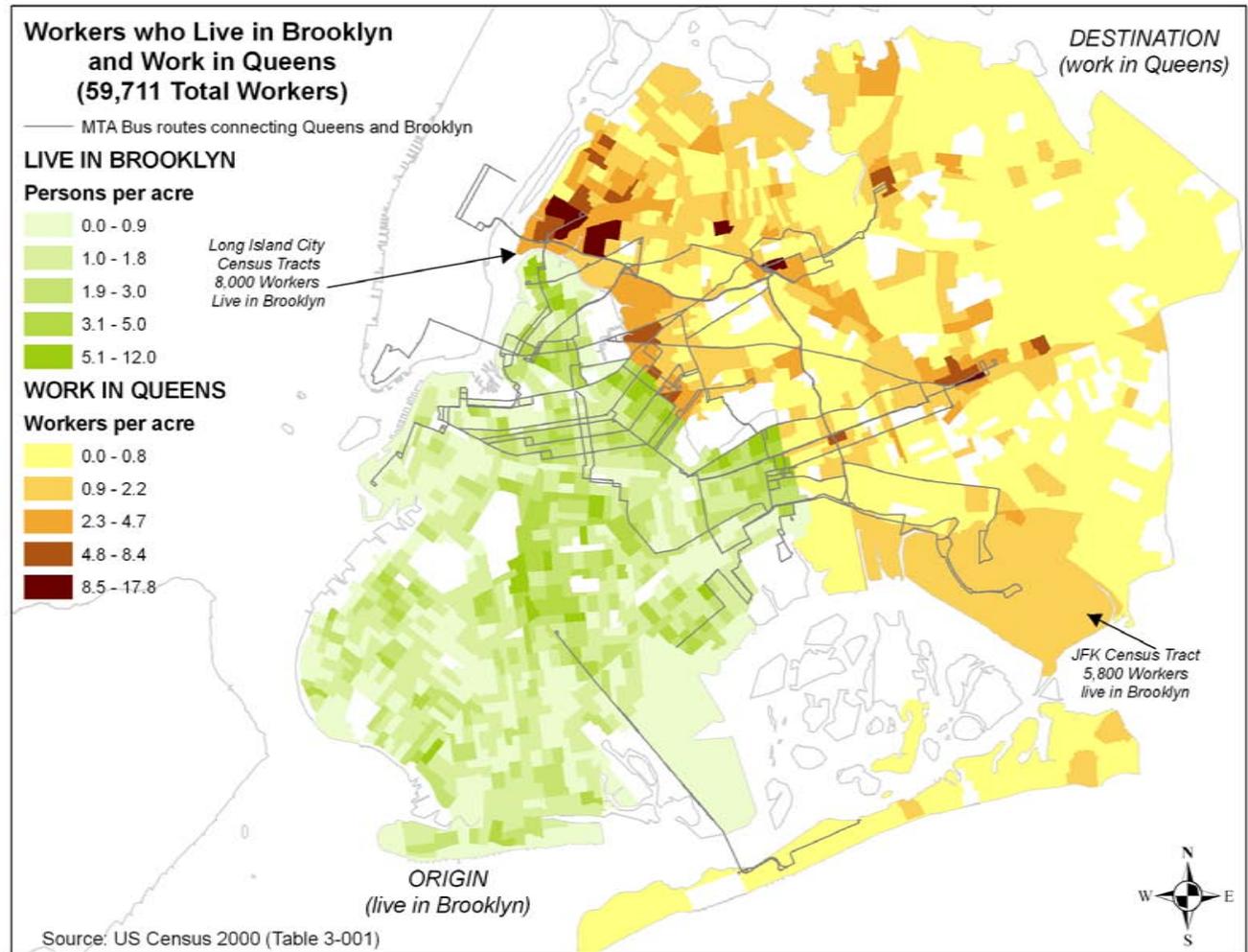


Map 92. Workers Who Live in Southeast Queens and Work in Brooklyn--(with LIRR Routes)

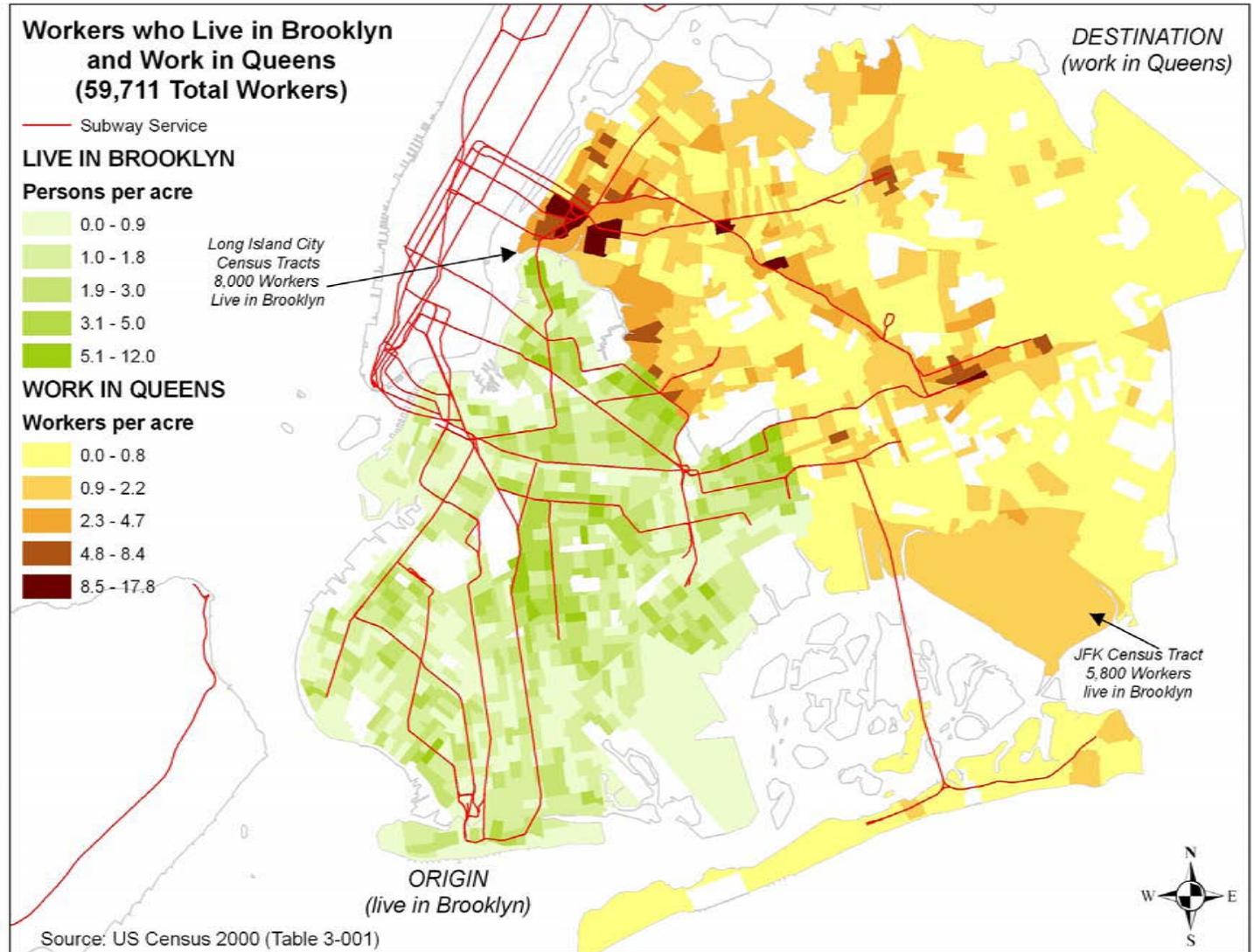


Maps 93 and 94 show the concentration of the 59,711 workers who live in Brooklyn and work in Queens, by 2000 census tracts. The greatest concentrations of workers, who live in Brooklyn and work in Queens, are the approximately 8,000 workers who work in Long Island City, and the 5,800 workers who work in JFK. The network of bus and subway lines appears to adequately connect these workers who live in Brooklyn and work in Long Island City.

Map 93. Workers Who Live in Brooklyn and Work in Queens--(with Bus Routes)

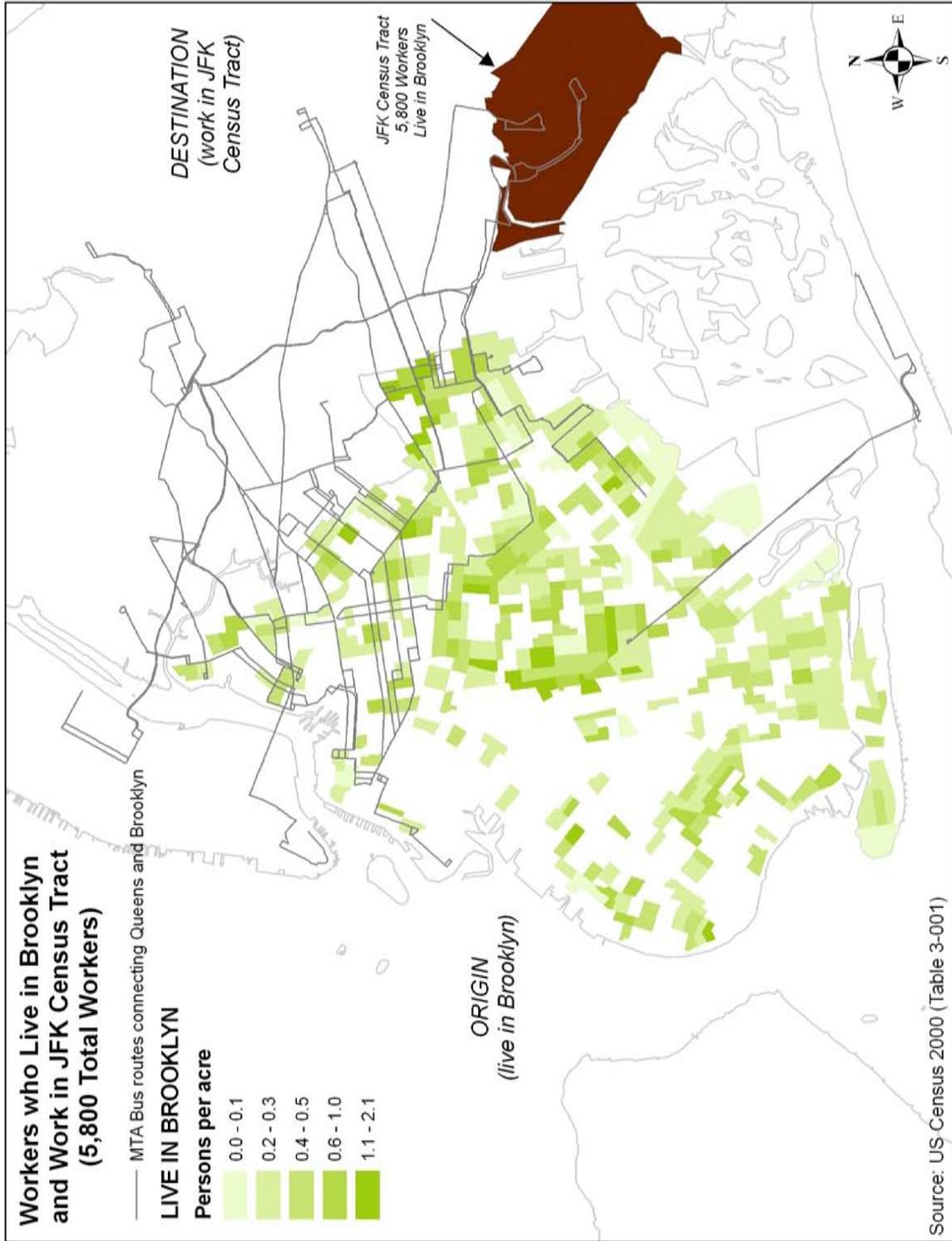


Map 94. Workers Who Live in Brooklyn and Work in Queens-- (with Subway Routes)

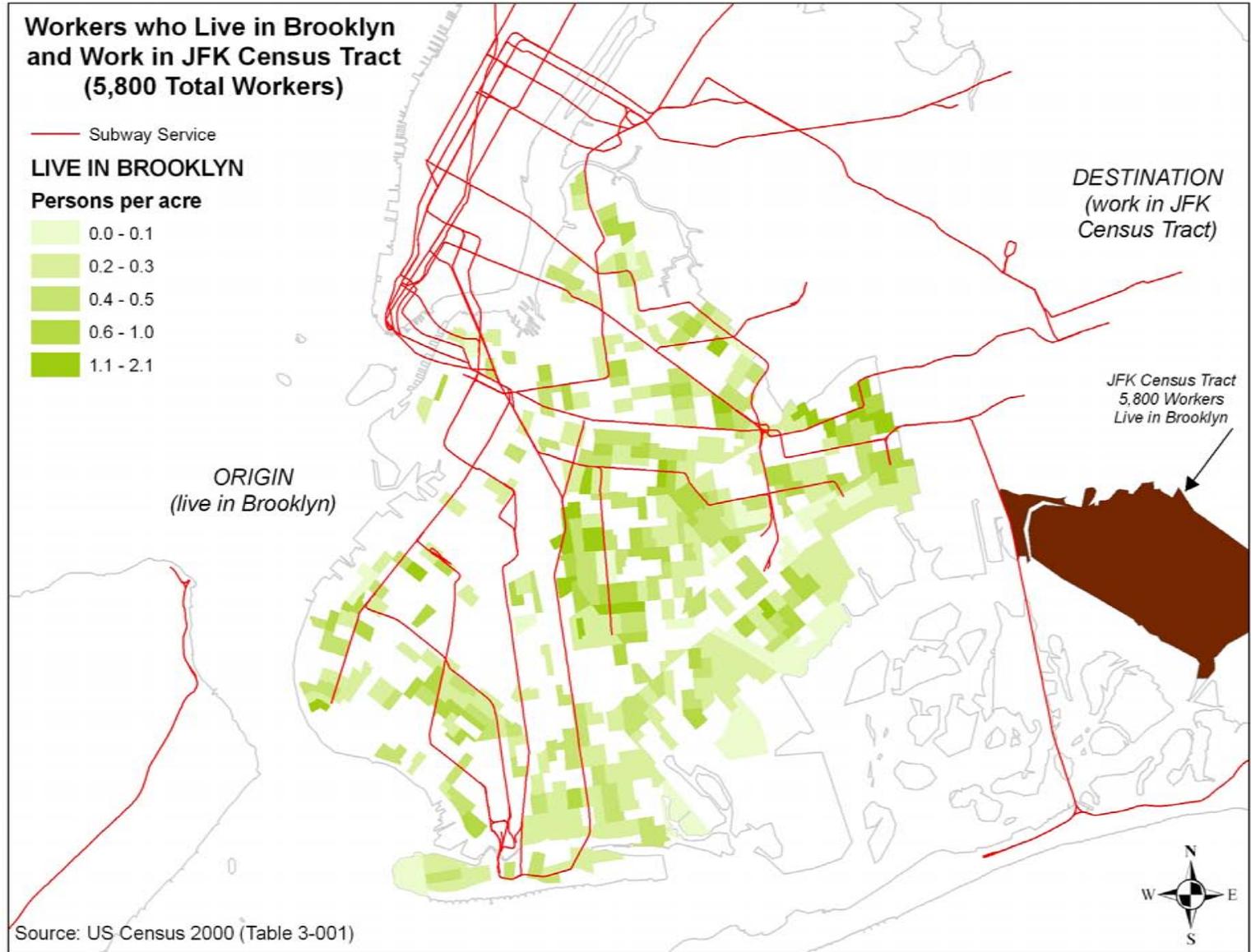


Map 95. Workers Who Live in Brooklyn and Work in JFK Census Tract-- (with Bus Routes)

Approximately 5,800 workers live in Brooklyn and work in the JFK census tract. Although JFK is connected by the MTA Subway "A" train and "AirTrain" from Brooklyn, there still exists a concentration of workers in Brooklyn who must make multiple bus and/or subway transfers to reach JFK. Maps 95 and 96 show the concentration of these 5,800 workers who live in Brooklyn and work in the JFK census tract, displayed by 2000 census tracts.



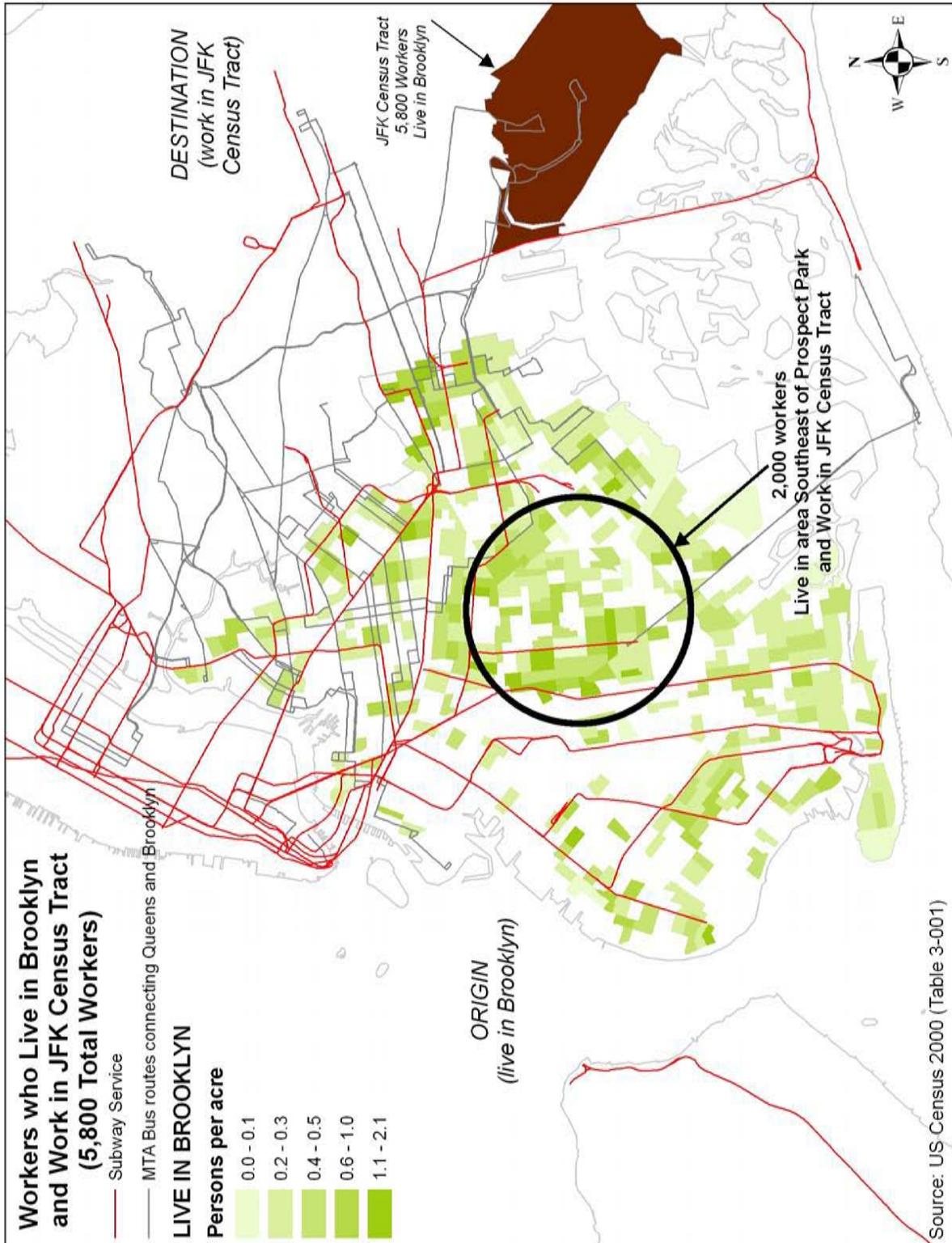
Map 96. Workers Who Live in Brooklyn and Work in JFK Census Tract--(with Subway Routes)



Map 97 illustrates, approximately 2,000 workers live in the area south east of Prospect Park and work in the JFK census tract. This area is served directly by the MTA Subway “2” and “5” routes, however these routes do not connect directly to JFK. Workers living in this area must travel in the opposite direction from JFK towards downtown Brooklyn to connect to the “A” subway route.

In addition, Map 97 illustrates there are no direct bus routes connecting this area to JFK. Thus workers residing in this area and working in the JFK census tract must make multiple connections via bus and/or subway routes. A direct bus route from this area in Brooklyn to the “A” train and/or the “AirTrain” would enhance work trips to JFK.

Map 97. Workers Who Live in Brooklyn and Work in JFK Census Tract --(with Bus & Subway Routes)



As noted in Table 21, excluding Manhattan, the trips of workers living in Staten Island and working in

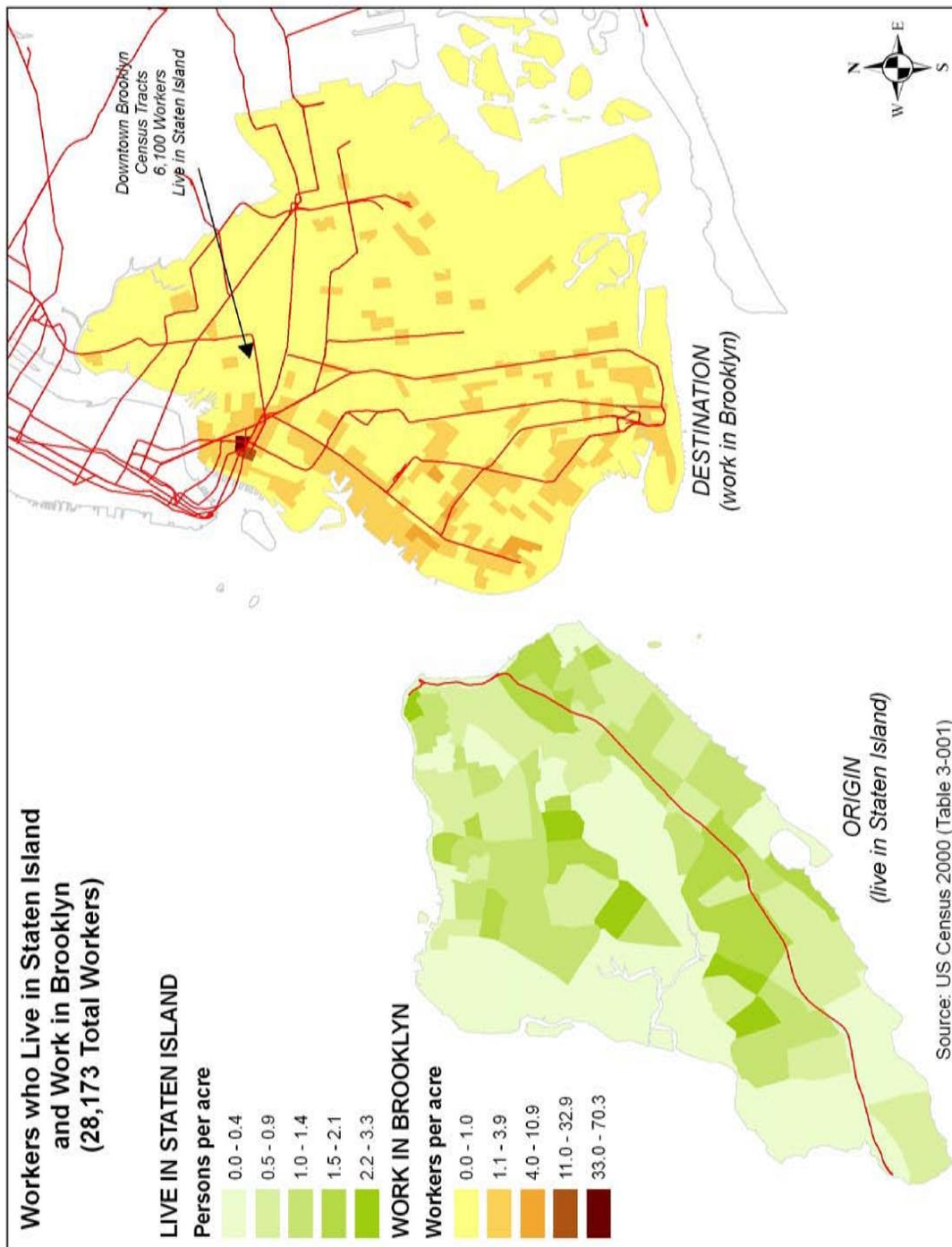
Brooklyn had the 3<sup>rd</sup> highest inter-borough work trip rate. Maps 98 and 99 display the concentration of the 28,173 workers who live in Staten Island and work in Brooklyn, by 2000 census tracts.

The greatest concentrations of workers, who live in Staten Island and work in Brooklyn, are the approximately 6,100 workers who work in downtown Brooklyn.

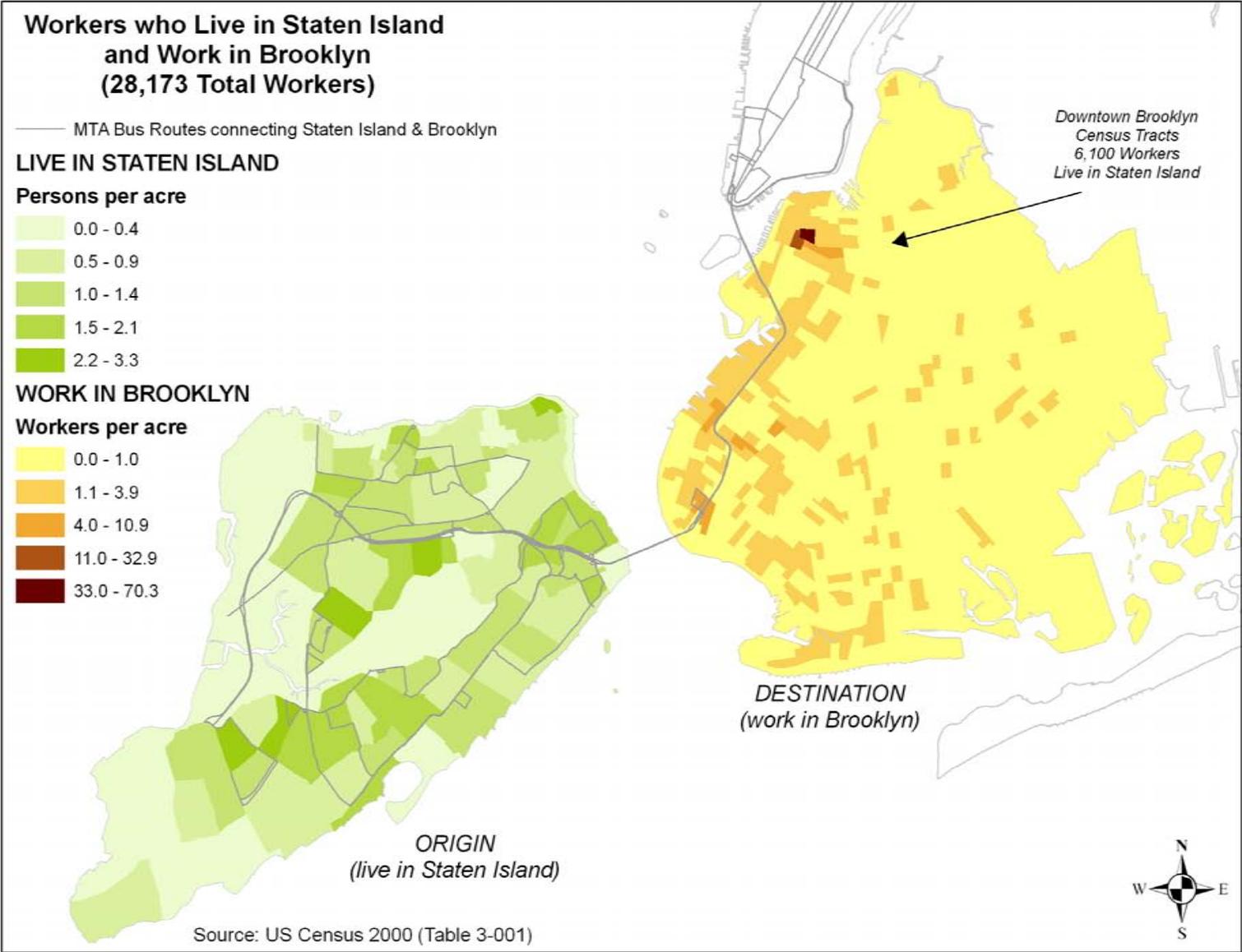
The network of bus routes connects workers who live in Staten Island and work in lower Manhattan, however there is no direct bus or subway route between Staten Island and downtown Brooklyn. Workers who live in Staten Island and work in downtown Brooklyn are required to make at least one transfer between bus and subway to connect to downtown Brooklyn.

A direct express bus between Staten Island and downtown Brooklyn would provide incentive to these 6,100 workers by decreasing the required transfer time.

Map 98. Workers Who Live in Staten Island and Work in Brooklyn—(with Subway Routes)



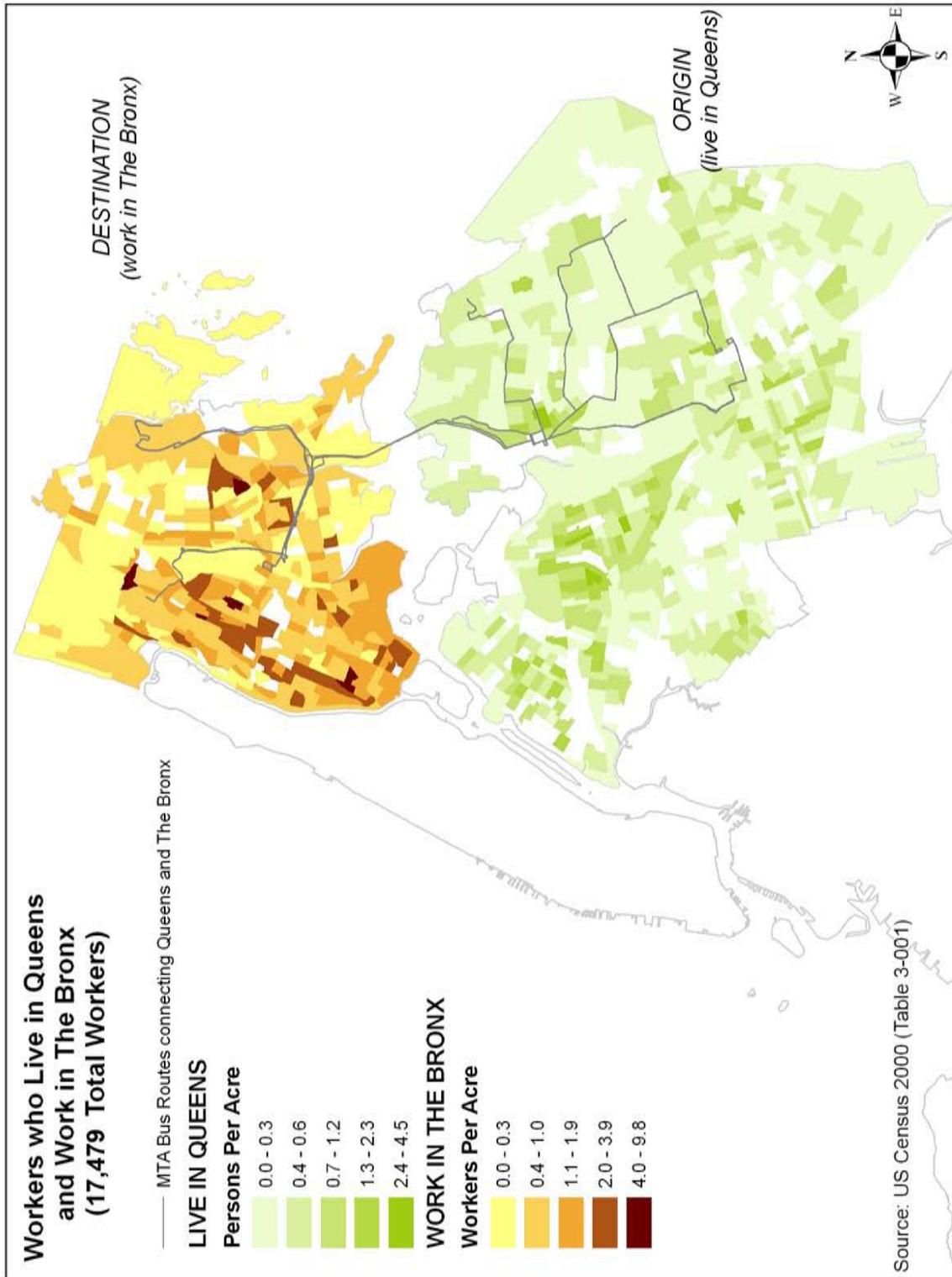
Map 99. Workers Who Live in Staten Island and Work in Brooklyn--(with Bus Routes)



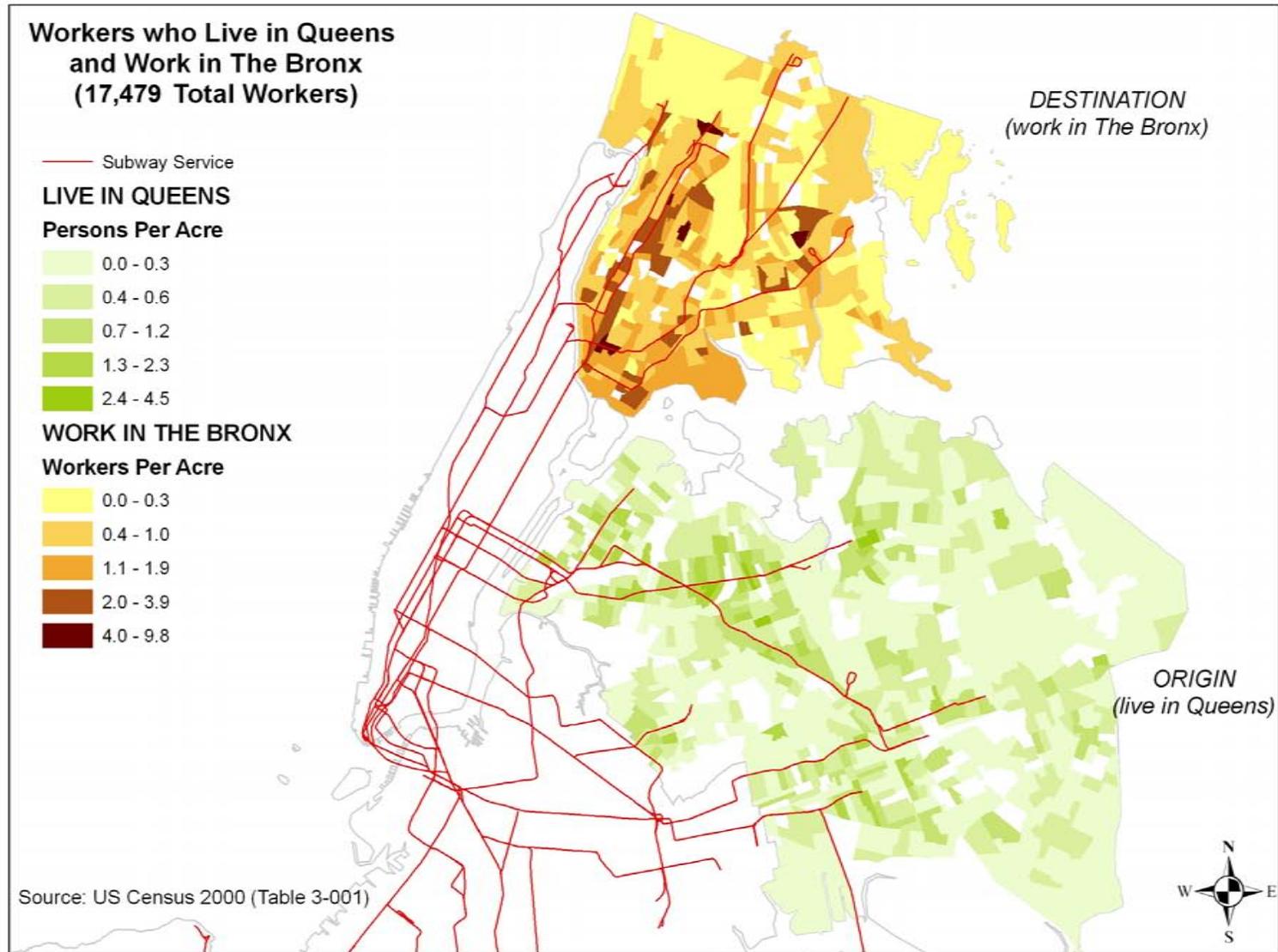
Map 100. Workers Who Live in Queens and Work in The Bronx--(with Bus Routes)

Maps 100 and 101 show the concentrations of the 17,479 workers who live in Queens and work in The Bronx. Due to the geographical separation of The Bronx and Queens only busses connecting the two boroughs travel over the Whitestone Bridge, as shown on Map 100. Map 101 shows the existing subway routes provide adequate connections from the higher residential and employment concentrations despite the limitations on direct bus service.

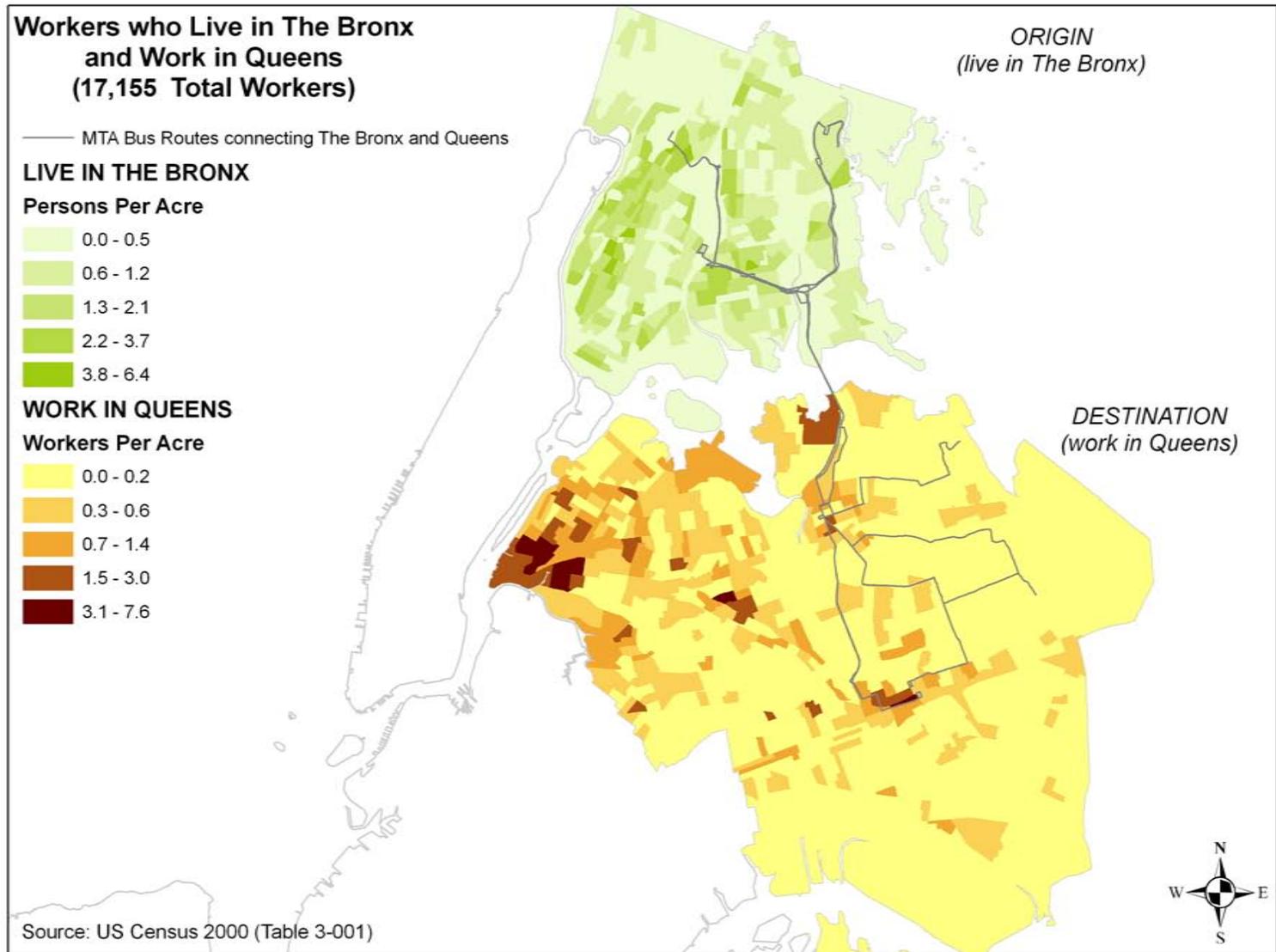
Equally important, Maps 102 and 103 show the concentration of the 17,155 workers who live in The Bronx and work in Queens. Map 102 shows bus routes, and the Map 103 the subway services.



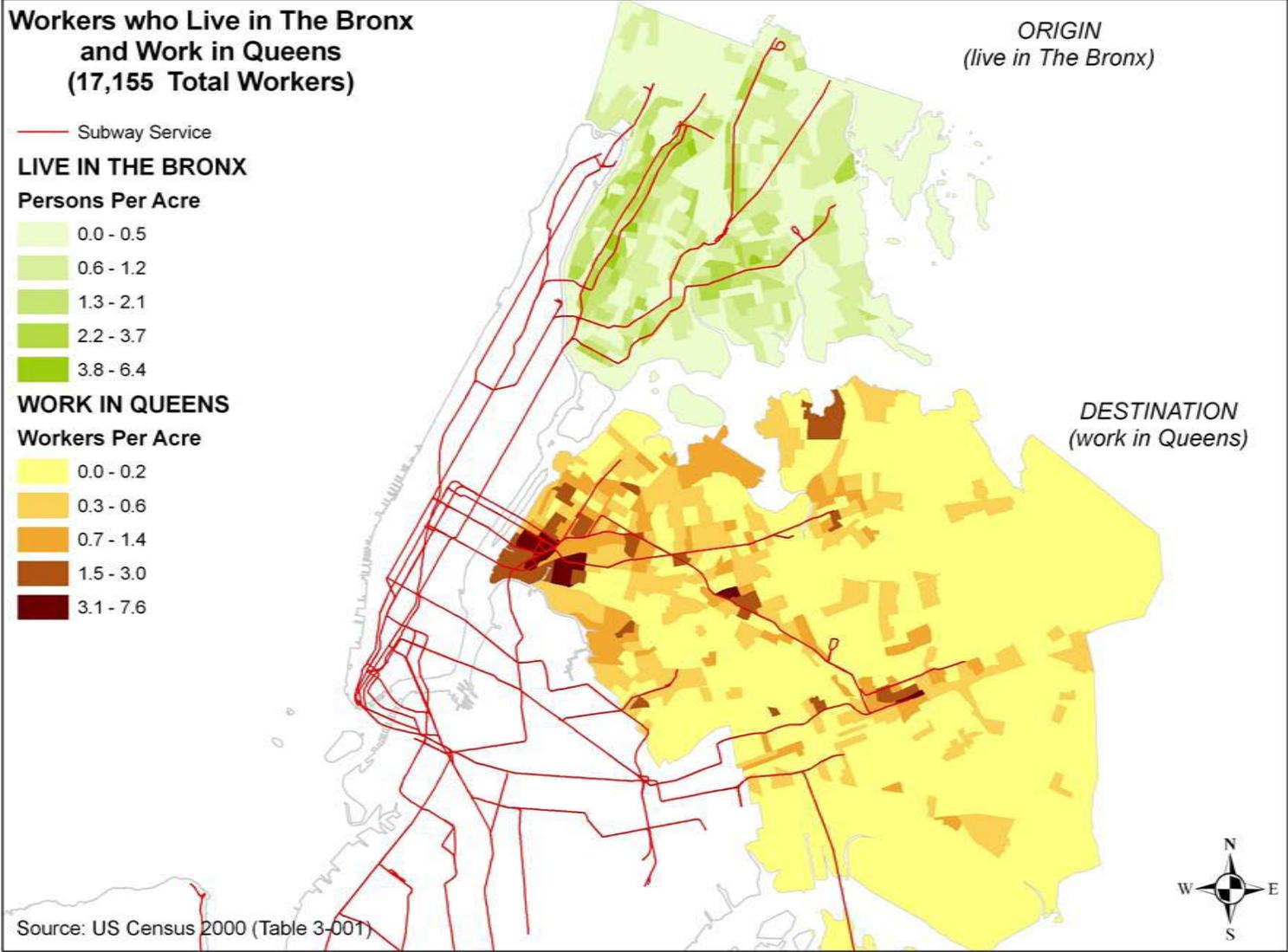
Map 101. Workers Who Live in Queens and Work in The Bronx--(with Subway Routes)



Map 102. Workers Who Live in The Bronx and Work in Queens--(with Bus Routes)

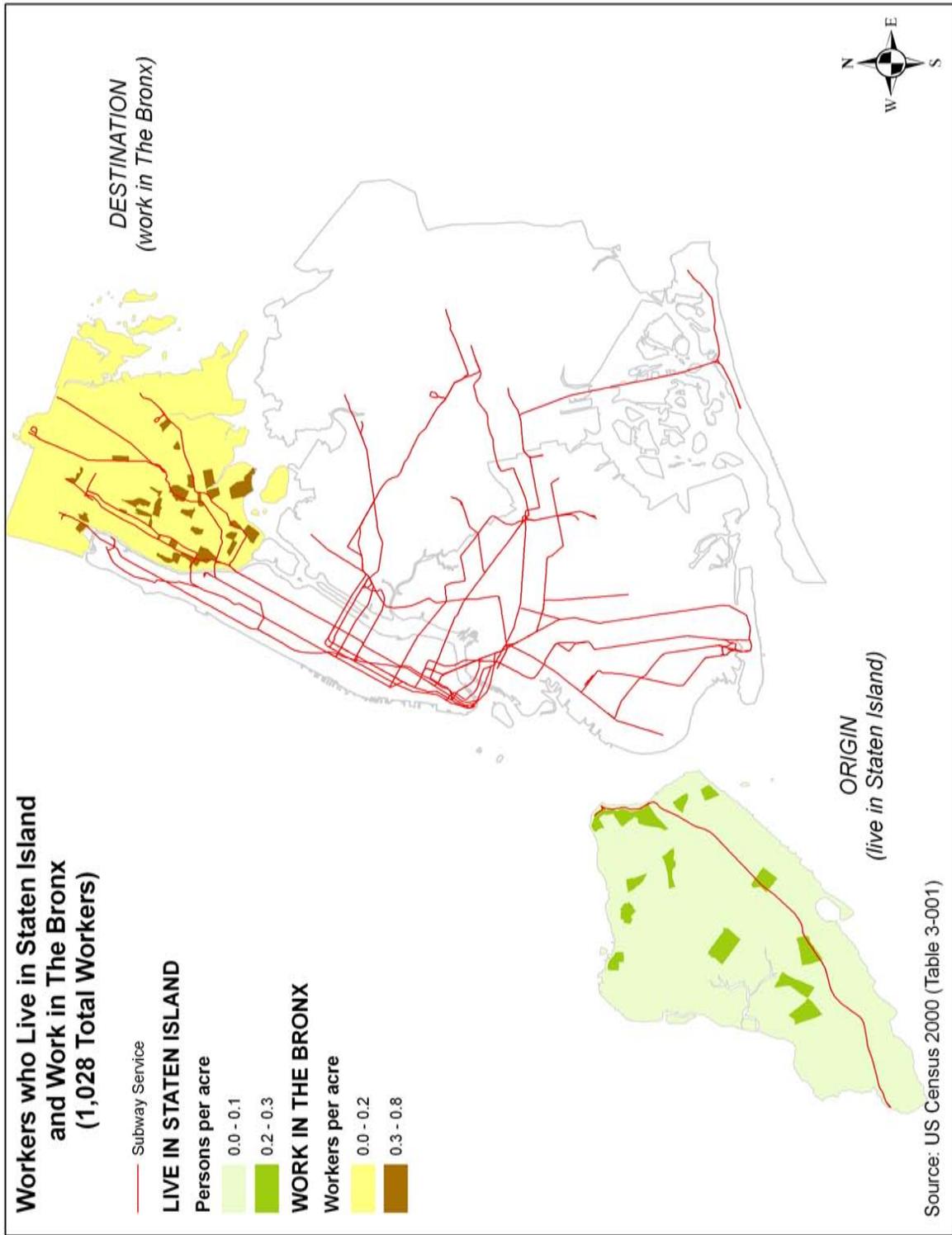


Map 103. Workers Who Live in The Bronx and Work in Queens--(with Subway Routes)

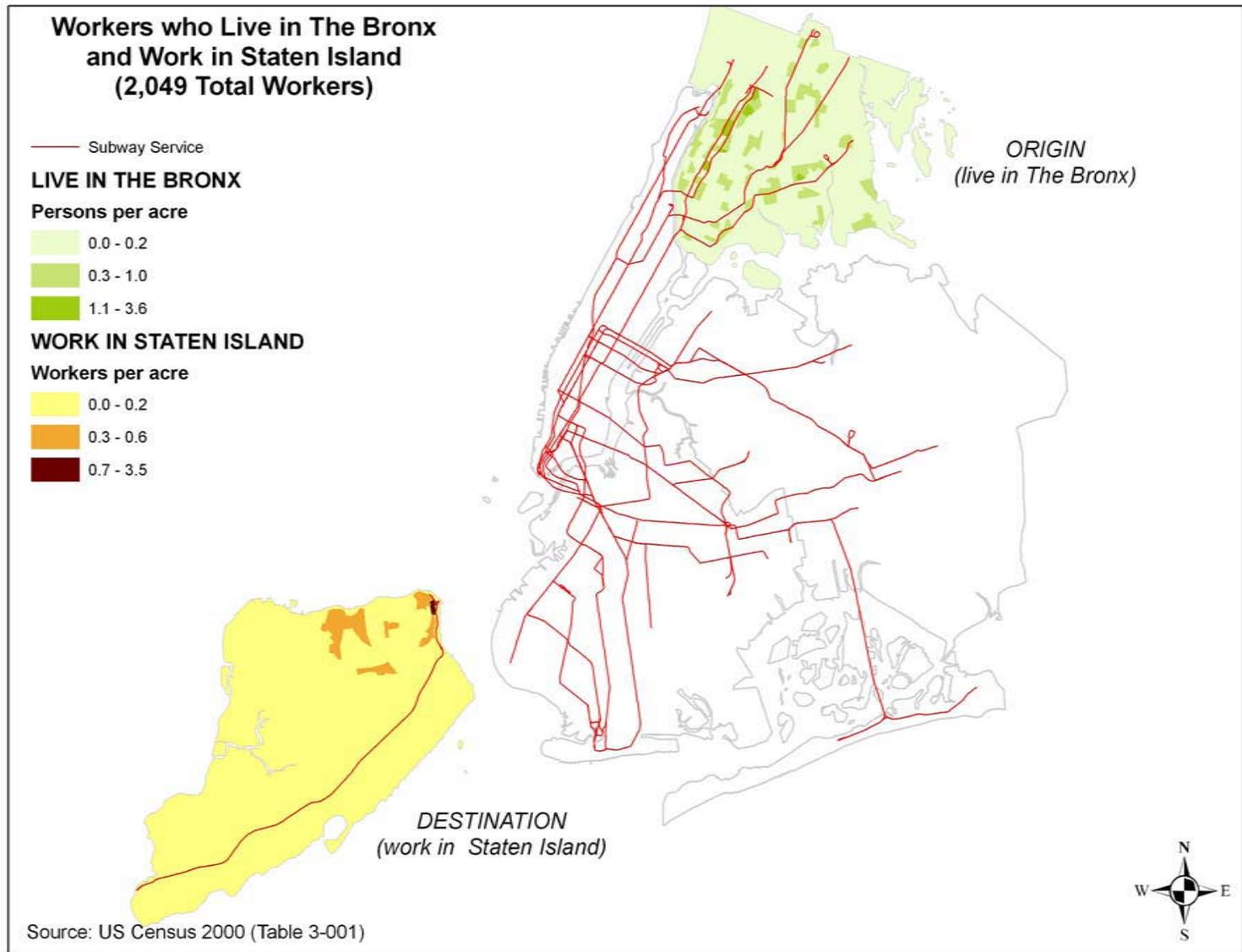


Maps 104 and 105 indicate the concentration of workers who commute between The Bronx and Staten Island. Map 104 shows 1,028 workers who live in Staten Island and work in The Bronx, and Map 105 indicates 2,049 workers commuting from The Bronx to Staten Island.

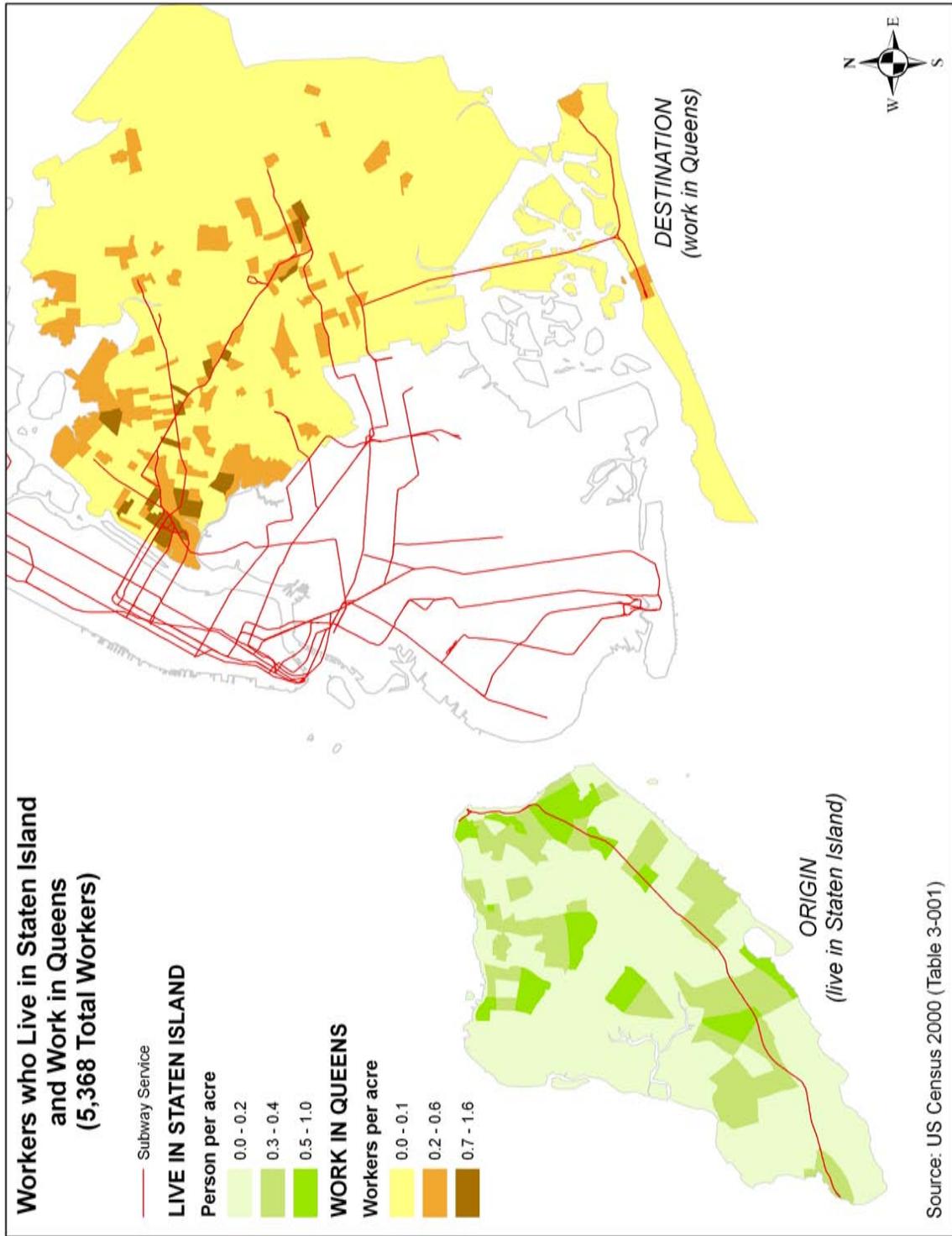
Map 104. Workers Who live in Staten Island and Work in Bronx—(with Subway Routes)



Map 105. Who Live in Bronx and Work in Staten Island --(with Subway Routes)



Map 106. Who Live in Staten Island and Work in Queens--(with Subway Routes)



Map 107. Workers Who Live in Queens and Work in Staten Island ---(with Subway Routes)

