



04

APPENDICES



APPENDIX A.

Super-PUMA Names, Numbers and Study Areas

Super-PUMA Number	Super-PUMA Name	Study Area Name (for this report)
91	North & East Bronx	Northeast Bronx
92	South & West Bronx	Southwest Bronx
101	North Manhattan	North Manhattan
102	West & Lower Manhattan	West & Lower Manhattan
103	East Manhattan	East Manhattan
111	Northwest Queens	Northwest Queens
112	Northeast Queens	Northeast Queens
113	Southeast Queens	Southeast Queens
114	Southwest Queens	Southwest Queens
121	Greenpoint/Brownsville	Greenpoint/Brownsville
122	Ft. Greene/Bay Ridge	Ft. Greene/Bay Ridge
123	Crown Heights/Flatbush	Crown Heights/Flatbush
124	Gravesend/East New York	Gravesend/East New York
125	Boro Park/Coney Island	Boro Park/Coney Island
130	Staten Island	Staten Island

APPENDIX B.

Study Areas' Mode of Transportation to Work: Pie Percentages

Live	Work	Drive Alone	Carpool	Bus	SubRRFerry	Others	Total %
Northeast Bronx	Northeast Bronx	37.6	10.6	17.3	5.7	28.8	100
Northeast Bronx	Southwest Bronx	41.2	13.9	20.7	17.0	7.2	100
Northeast Bronx	North Manhattan	38.6	13.7	11.8	33.3	2.6	100
Northeast Bronx	West & Lower Manhattan	13.9	5.1	14.4	65.4	1.2	100
Northeast Bronx	East Manhattan	19.0	6.6	14.0	59.0	1.4	100
Northeast Bronx	Northwest Queens	47.6	8.6	7.4	34.3	2.1	100
Northeast Bronx	Northeast Queens	40.9	11.4	19.2	26.5	2.0	100
Northeast Bronx	Southeast Queens	53.9	12.8	12.5	18.8	2.0	100
Northeast Bronx	Southwest Queens	49.4	12.8	11.9	25.9	0.0	100
Northeast Bronx	Greenpoint/Brownsville	29.7	9.9	8.4	51.0	1.0	100
Northeast Bronx	Ft. Greene/Bay Ridge	24.7	9.8	8.4	55.3	1.8	100
Northeast Bronx	Crown Heights/Flatbush	27.3	6.9	15.2	49.2	1.4	100
Northeast Bronx	Gravesend/East New York	35.9	7.1	10.4	45.4	1.2	100
Northeast Bronx	Boro Park/Coney Island	34.4	7.6	13.9	38.9	5.2	100
Northeast Bronx	Staten Island	31.1	17.5	16.2	31.9	3.3	100
Southwest Bronx	Northeast Bronx	27.2	10.4	29.2	22.1	11.1	100
Southwest Bronx	Southwest Bronx	16.4	7.1	22.7	16.5	37.3	100
Southwest Bronx	North Manhattan	22.7	8.8	22.2	40.4	5.9	100
Southwest Bronx	West & Lower Manhattan	6.3	2.6	7.9	81.6	1.6	100
Southwest Bronx	East Manhattan	9.1	3.9	10.0	74.4	2.6	100
Southwest Bronx	Northwest Queens	22.5	10.0	7.5	56.0	4.0	100
Southwest Bronx	Northeast Queens	27.7	9.9	16.0	42.5	3.9	100
Southwest Bronx	Southeast Queens	26.2	10.0	6.4	54.0	3.4	100
Southwest Bronx	Southwest Queens	24.6	13.1	8.8	46.8	6.7	100
Southwest Bronx	Greenpoint/Brownsville	15.9	4.9	5.4	66.4	7.4	100
Southwest Bronx	Ft. Greene/Bay Ridge	14.4	6.7	7.1	66.6	5.2	100
Southwest Bronx	Crown Heights/Flatbush	14.6	6.7	12.5	62.2	4.0	100
Southwest Bronx	Gravesend/East New York	14.2	8.0	17.0	52.3	8.5	100
Southwest Bronx	Boro Park/Coney Island	16.6	8.3	9.4	58.8	6.9	100
Southwest Bronx	Staten Island	15.2	11.5	15.8	49.2	8.3	100
North Manhattan	Northeast Bronx	21.3	8.2	25.0	36.5	9.0	100
North Manhattan	Southwest Bronx	20.9	8.5	26.2	35.5	8.9	100
North Manhattan	North Manhattan	8.4	3.5	13.7	15.5	58.9	100
North Manhattan	West & Lower Manhattan	5.8	2.9	7.2	77.7	6.4	100
North Manhattan	East Manhattan	6.5	3.8	16.1	64.2	9.4	100
North Manhattan	Northwest Queens	21.2	6.9	5.7	59.9	6.3	100
North Manhattan	Northeast Queens	23.8	9.6	10.5	50.0	6.1	100
North Manhattan	Southeast Queens	27.0	12.7	7.4	43.0	9.9	100
North Manhattan	Southwest Queens	21.1	12.3	7.8	50.6	8.2	100

Live	Work	Drive Alone	Carpool	Bus	SubRRFerry	Others	Total %
North Manhattan	Greenpoint/Brownsville	20.0	8.4	7.2	56.0	8.4	100
North Manhattan	Ft. Greene/Bay Ridge	10.7	3.5	6.9	74.0	4.9	100
North Manhattan	Crown Heights/Flatbush	12.2	3.9	7.2	73.0	3.7	100
North Manhattan	Gravesend/East New York	21.3	3.9	12.4	53.8	8.6	100
North Manhattan	Boro Park/Coney Island	20.1	6.5	3.0	66.1	4.3	100
North Manhattan	Staten Island	9.9	4.3	10.9	67.2	7.7	100
West & Lower Manhattan	Northeast Bronx	30.0	8.5	2.7	53.8	5.0	100
West & Lower Manhattan	Southwest Bronx	25.9	4.9	2.8	63.2	3.2	100
West & Lower Manhattan	North Manhattan	9.5	1.9	13.8	49.3	25.5	100
West & Lower Manhattan	West & Lower Manhattan	1.9	0.9	4.4	47.1	45.7	100
West & Lower Manhattan	East Manhattan	3.5	1.7	12.9	55.7	26.2	100
West & Lower Manhattan	Northwest Queens	17.0	5.6	2.0	68.4	7.0	100
West & Lower Manhattan	Northeast Queens	30.5	4.3	3.1	46.2	15.9	100
West & Lower Manhattan	Southeast Queens	27.7	1.4	6.1	60.4	4.4	100
West & Lower Manhattan	Southwest Queens	12.5	9.0	5.2	62.6	10.7	100
West & Lower Manhattan	Greenpoint/Brownsville	21.5	1.6	3.8	59.3	13.8	100
West & Lower Manhattan	Ft. Greene/Bay Ridge	9.2	1.5	3.2	77.5	8.6	100
West & Lower Manhattan	Crown Heights/Flatbush	12.7	5.2	5.4	64.6	12.1	100
West & Lower Manhattan	Gravesend/East New York	24.4	5.1	5.4	59.0	6.1	100
West & Lower Manhattan	Boro Park/Coney Island	29.1	0.0	7.2	43.4	20.3	100
West & Lower Manhattan	Staten Island	17.0	2.6	7.8	52.9	19.7	100
East Manhattan	Northeast Bronx	33.2	7.2	17.7	35.0	6.9	100
East Manhattan	Southwest Bronx	20.5	9.9	9.9	51.4	8.3	100
East Manhattan	North Manhattan	10.6	4.4	16.6	32.0	36.4	100
East Manhattan	West & Lower Manhattan	3.4	2.3	13.7	49.6	31.0	100
East Manhattan	East Manhattan	3.3	1.7	12.2	21.0	61.8	100
East Manhattan	Northwest Queens	25.9	4.0	8.9	53.7	7.5	100
East Manhattan	Northeast Queens	29.7	7.0	11.5	36.9	14.9	100
East Manhattan	Southeast Queens	29.4	7.6	21.0	32.6	9.4	100
East Manhattan	Southwest Queens	31.3	7.2	5.2	49.9	6.4	100
East Manhattan	Greenpoint/Brownsville	20.9	7.1	14.8	40.3	16.9	100
East Manhattan	Ft. Greene/Bay Ridge	10.6	5.0	7.9	64.8	11.7	100
East Manhattan	Crown Heights/Flatbush	20.9	4.6	5.9	53.8	14.8	100
East Manhattan	Gravesend/East New York	36.6	5.5	6.9	29.8	21.2	100
East Manhattan	Boro Park/Coney Island	20.7	8.7	6.7	56.4	7.5	100
East Manhattan	Staten Island	14.4	11.8	5.6	40.8	27.4	100
Northwest Queens	Northeast Bronx	43.6	14.8	7.2	33.2	1.2	100
Northwest Queens	Southwest Bronx	31.7	14.4	1.7	47.5	4.7	100
Northwest Queens	North Manhattan	22.3	9.0	3.1	62.7	2.9	100
Northwest Queens	West & Lower Manhattan	6.4	2.8	3.0	86.2	1.6	100
Northwest Queens	East Manhattan	10.5	4.4	4.3	78.5	2.3	100
Northwest Queens	Northwest Queens	23.4	9.4	7.8	23.7	35.7	100
Northwest Queens	Northeast Queens	36.8	11.8	10.8	34.0	6.6	100

Live	Work	Drive Alone	Carpool	Bus	SubRRFerry	Others	Total %
Northwest Queens	Southeast Queens	40.6	14.4	6.9	30.0	8.1	100
Northwest Queens	Southwest Queens	37.0	12.4	9.4	30.8	10.4	100
Northwest Queens	Greenpoint/Brownsville	29.7	12.0	5.4	49.6	3.3	100
Northwest Queens	Ft. Greene/Bay Ridge	23.5	6.6	4.3	64.3	1.3	100
Northwest Queens	Crown Heights/Flatbush	27.9	9.5	4.9	55.4	2.3	100
Northwest Queens	Gravesend/East New York	40.3	10.1	5.6	36.6	7.4	100
Northwest Queens	Boro Park/Coney Island	36.0	12.8	1.8	44.0	5.4	100
Northwest Queens	Staten Island	29.1	8.0	4.6	46.8	11.5	100
Northeast Queens	Northeast Bronx	66.0	17.4	9.9	5.4	1.3	100
Northeast Queens	Southwest Bronx	60.0	14.8	10.7	12.9	1.6	100
Northeast Queens	North Manhattan	37.8	18.9	6.5	34.3	2.5	100
Northeast Queens	West & Lower Manhattan	17.3	7.2	13.5	61.0	1.0	100
Northeast Queens	East Manhattan	23.7	11.1	14.0	50.3	0.9	100
Northeast Queens	Northwest Queens	53.9	16.4	8.1	18.0	3.6	100
Northeast Queens	Northeast Queens	44.8	10.2	12.3	2.3	30.4	100
Northeast Queens	Southeast Queens	61.3	13.5	14.4	4.8	6.0	100
Northeast Queens	Southwest Queens	59.6	15.1	10.4	8.9	6.0	100
Northeast Queens	Greenpoint/Brownsville	64.3	17.7	4.1	13.7	0.2	100
Northeast Queens	Ft. Greene/Bay Ridge	46.0	12.5	7.2	32.9	1.4	100
Northeast Queens	Crown Heights/Flatbush	56.9	17.2	4.3	17.1	4.5	100
Northeast Queens	Gravesend/East New York	71.4	14.5	3.1	8.0	3.0	100
Northeast Queens	Boro Park/Coney Island	57.7	12.6	3.3	18.4	8.0	100
Northeast Queens	Staten Island	48.9	11.1	7.8	28.9	3.3	100
Southeast Queens	Northeast Bronx	61.4	13.3	7.1	16.0	2.2	100
Southeast Queens	Southwest Bronx	57.5	11.3	7.8	20.1	3.3	100
Southeast Queens	North Manhattan	36.6	15.1	10.6	35.3	2.4	100
Southeast Queens	West & Lower Manhattan	16.9	7.2	12.2	62.6	1.1	100
Southeast Queens	East Manhattan	22.9	7.4	14.4	54.5	0.8	100
Southeast Queens	Northwest Queens	48.8	12.8	13.6	21.4	3.4	100
Southeast Queens	Northeast Queens	50.6	12.2	25.1	6.9	5.2	100
Southeast Queens	Southeast Queens	41.6	11.9	21.4	4.4	20.7	100
Southeast Queens	Southwest Queens	46.6	11.2	22.5	15.8	3.9	100
Southeast Queens	Greenpoint/Brownsville	57.2	16.6	7.5	17.8	0.9	100
Southeast Queens	Ft. Greene/Bay Ridge	44.7	12.9	7.2	34.2	1.0	100
Southeast Queens	Crown Heights/Flatbush	59.3	19.8	6.1	13.5	1.3	100
Southeast Queens	Gravesend/East New York	58.6	15.7	9.0	15.0	1.7	100
Southeast Queens	Boro Park/Coney Island	62.9	13.6	8.9	11.4	3.2	100
Southeast Queens	Staten Island	47.5	17.3	16.5	14.3	4.4	100
Southwest Queens	Northeast Bronx	53.2	18.2	4.9	21.7	2.0	100
Southwest Queens	Southwest Bronx	46.4	13.0	3.1	33.9	3.6	100
Southwest Queens	North Manhattan	28.8	7.4	5.9	56.2	1.7	100
Southwest Queens	West & Lower Manhattan	11.3	4.9	7.7	75.2	0.9	100
Southwest Queens	East Manhattan	15.5	7.0	9.1	67.2	1.2	100

Live	Work	Drive Alone	Carpool	Bus	SubRRFerry	Others	Total %
Southwest Queens	Northwest Queens	48.5	12.6	11.8	20.8	6.3	100
Southwest Queens	Northeast Queens	57.6	10.8	13.8	12.6	5.2	100
Southwest Queens	Southeast Queens	50.3	12.0	21.4	10.9	5.4	100
Southwest Queens	Southwest Queens	36.1	9.7	10.7	6.3	37.2	100
Southwest Queens	Greenpoint/Brownsville	47.7	15.7	8.6	19.3	8.7	100
Southwest Queens	Ft. Greene/Bay Ridge	37.8	9.5	7.9	42.3	2.5	100
Southwest Queens	Crown Heights/Flatbush	53.8	13.4	8.9	21.3	2.6	100
Southwest Queens	Gravesend/East New York	57.9	14.1	8.2	15.2	4.6	100
Southwest Queens	Boro Park/Coney Island	54.8	14.9	5.2	21.2	3.9	100
Southwest Queens	Staten Island	41.4	18.4	6.1	31.7	2.4	100
Greenpoint/Brownsville	Northeast Bronx	21.1	12.6	6.6	54.6	5.1	100
Greenpoint/Brownsville	Southwest Bronx	28.9	14.8	1.3	48.8	6.2	100
Greenpoint/Brownsville	North Manhattan	18.0	8.1	3.6	67.0	3.3	100
Greenpoint/Brownsville	West & Lower Manhattan	5.3	2.5	4.8	85.4	2.0	100
Greenpoint/Brownsville	East Manhattan	8.0	3.3	5.9	80.8	2.0	100
Greenpoint/Brownsville	Northwest Queens	32.5	8.8	11.4	43.2	4.1	100
Greenpoint/Brownsville	Northeast Queens	32.2	9.2	11.0	41.0	6.6	100
Greenpoint/Brownsville	Southeast Queens	33.1	12.5	11.8	38.0	4.6	100
Greenpoint/Brownsville	Southwest Queens	25.5	9.7	19.8	28.7	16.3	100
Greenpoint/Brownsville	Greenpoint/Brownsville	15.6	6.5	13.3	15.1	49.5	100
Greenpoint/Brownsville	Ft. Greene/Bay Ridge	21.5	7.5	17.9	45.2	7.9	100
Greenpoint/Brownsville	Crown Heights/Flatbush	23.2	8.9	28.7	24.1	15.1	100
Greenpoint/Brownsville	Gravesend/East New York	30.2	8.6	21.0	26.0	14.2	100
Greenpoint/Brownsville	Boro Park/Coney Island	29.2	11.7	15.1	34.2	9.8	100
Greenpoint/Brownsville	Staten Island	17.7	9.2	18.0	52.2	2.9	100
Ft. Greene/Bay Ridge	Northeast Bronx	35.3	11.8	2.6	47.4	2.9	100
Ft. Greene/Bay Ridge	Southwest Bronx	30.4	12.1	0.9	53.4	3.2	100
Ft. Greene/Bay Ridge	North Manhattan	14.5	5.2	2.8	75.1	2.4	100
Ft. Greene/Bay Ridge	West & Lower Manhattan	4.8	2.4	4.4	86.0	2.4	100
Ft. Greene/Bay Ridge	East Manhattan	10.2	4.6	3.3	79.7	2.2	100
Ft. Greene/Bay Ridge	Northwest Queens	34.4	11.1	3.4	47.3	3.8	100
Ft. Greene/Bay Ridge	Northeast Queens	39.8	9.0	3.9	43.5	3.8	100
Ft. Greene/Bay Ridge	Southeast Queens	55.7	12.7	3.0	23.4	5.2	100
Ft. Greene/Bay Ridge	Southwest Queens	40.8	12.3	4.7	35.4	6.8	100
Ft. Greene/Bay Ridge	Greenpoint/Brownsville	34.8	11.0	9.3	32.0	12.9	100
Ft. Greene/Bay Ridge	Ft. Greene/Bay Ridge	19.1	6.4	7.5	23.0	44.0	100
Ft. Greene/Bay Ridge	Crown Heights/Flatbush	34.1	11.4	11.9	32.0	10.6	100
Ft. Greene/Bay Ridge	Gravesend/East New York	44.2	10.6	10.0	20.9	14.3	100
Ft. Greene/Bay Ridge	Boro Park/Coney Island	38.3	10.8	13.1	18.7	19.1	100
Ft. Greene/Bay Ridge	Staten Island	40.4	16.5	11.5	27.3	4.3	100
Crown Heights/Flatbush	Northeast Bronx	20.7	10.2	7.5	59.9	1.7	100
Crown Heights/Flatbush	Southwest Bronx	18.0	6.0	6.8	68.4	0.8	100
Crown Heights/Flatbush	North Manhattan	15.0	6.3	6.2	70.0	2.5	100

Live	Work	Drive Alone	Carpool	Bus	SubRRFerry	Others	Total %
Crown Heights/Flatbush	West & Lower Manhattan	5.9	3.0	5.9	83.9	1.3	100
Crown Heights/Flatbush	East Manhattan	7.7	4.4	5.7	81.2	1.0	100
Crown Heights/Flatbush	Northwest Queens	33.7	8.6	7.5	47.7	2.5	100
Crown Heights/Flatbush	Northeast Queens	33.3	10.0	5.6	47.3	3.8	100
Crown Heights/Flatbush	Southeast Queens	43.1	12.1	16.0	25.4	3.4	100
Crown Heights/Flatbush	Southwest Queens	32.5	13.6	12.8	35.9	5.2	100
Crown Heights/Flatbush	Greenpoint/Brownsville	27.4	10.3	31.7	24.0	6.6	100
Crown Heights/Flatbush	Ft. Greene/Bay Ridge	21.6	8.0	16.0	49.0	5.4	100
Crown Heights/Flatbush	Crown Heights/Flatbush	19.4	6.5	19.0	13.2	41.9	100
Crown Heights/Flatbush	Gravesend/East New York	33.8	9.2	31.4	16.1	9.5	100
Crown Heights/Flatbush	Boro Park/Coney Island	32.5	10.8	23.9	23.7	9.1	100
Crown Heights/Flatbush	Staten Island	21.4	10.0	10.1	55.2	3.3	100
Gravesend/East New York	Northeast Bronx	52.5	17.3	3.0	26.2	1.0	100
Gravesend/East New York	Southwest Bronx	36.9	14.6	2.2	44.3	2.0	100
Gravesend/East New York	North Manhattan	25.2	8.7	5.6	57.6	2.9	100
Gravesend/East New York	West & Lower Manhattan	12.5	5.1	10.1	71.3	1.0	100
Gravesend/East New York	East Manhattan	16.7	5.6	11.3	65.3	1.1	100
Gravesend/East New York	Northwest Queens	47.7	15.9	4.6	29.1	2.7	100
Gravesend/East New York	Northeast Queens	49.7	15.3	5.5	25.0	4.5	100
Gravesend/East New York	Southeast Queens	58.0	14.1	9.6	15.9	2.4	100
Gravesend/East New York	Southwest Queens	48.0	14.5	11.1	22.9	3.5	100
Gravesend/East New York	Greenpoint/Brownsville	42.4	13.8	15.6	21.6	6.6	100
Gravesend/East New York	Ft. Greene/Bay Ridge	37.9	11.8	11.2	35.5	3.6	100
Gravesend/East New York	Crown Heights/Flatbush	44.8	15.2	23.3	11.4	5.3	100
Gravesend/East New York	Gravesend/East New York	37.8	9.7	12.3	5.0	35.2	100
Gravesend/East New York	Boro Park/Coney Island	49.2	14.2	17.6	11.6	7.4	100
Gravesend/East New York	Staten Island	50.5	17.9	6.1	21.5	4.0	100
Boro Park/Coney Island	Northeast Bronx	56.2	7.8	0.0	33.1	2.9	100
Boro Park/Coney Island	Southwest Bronx	36.2	13.4	2.0	45.5	2.9	100
Boro Park/Coney Island	North Manhattan	19.9	10.4	6.9	59.5	3.3	100
Boro Park/Coney Island	West & Lower Manhattan	7.2	5.3	5.9	80.4	1.2	100
Boro Park/Coney Island	East Manhattan	12.3	6.8	5.8	73.6	1.5	100
Boro Park/Coney Island	Northwest Queens	35.5	9.9	3.7	44.2	6.7	100
Boro Park/Coney Island	Northeast Queens	45.2	16.2	3.5	27.2	7.9	100
Boro Park/Coney Island	Southeast Queens	62.6	10.4	4.4	18.3	4.3	100
Boro Park/Coney Island	Southwest Queens	45.7	16.2	5.9	28.0	4.2	100
Boro Park/Coney Island	Greenpoint/Brownsville	37.3	15.9	9.4	27.9	9.5	100
Boro Park/Coney Island	Ft. Greene/Bay Ridge	30.2	11.3	10.5	39.7	8.3	100
Boro Park/Coney Island	Crown Heights/Flatbush	35.0	12.2	20.5	20.7	11.6	100
Boro Park/Coney Island	Gravesend/East New York	38.5	14.1	20.9	14.6	11.9	100
Boro Park/Coney Island	Boro Park/Coney Island	24.6	8.5	9.6	9.5	47.8	100
Boro Park/Coney Island	Staten Island	47.3	15.2	7.2	28.3	2.0	100
Staten Island	Northeast Bronx	54.2	14.6	18.5	12.7	0.0	100

Live	Work	Drive Alone	Carpool	Bus	SubRRFerry	Others	Total %
Staten Island	Southwest Bronx	53.4	13.9	15.1	16.2	1.4	100
Staten Island	North Manhattan	50.7	16.3	13.3	18.2	1.5	100
Staten Island	West & Lower Manhattan	20.9	7.9	45.3	25.1	0.8	100
Staten Island	East Manhattan	31.1	10.2	37.6	19.6	1.5	100
Staten Island	Northwest Queens	69.4	17.5	6.3	4.7	2.1	100
Staten Island	Northeast Queens	65.7	11.4	14.9	5.2	2.8	100
Staten Island	Southeast Queens	81.9	12.4	2.1	3.6	0.0	100
Staten Island	Southwest Queens	68.8	14.1	5.8	7.9	3.4	100
Staten Island	Greenpoint/Brownsville	67.2	20.7	6.9	3.9	1.3	100
Staten Island	Ft. Greene/Bay Ridge	58.7	22.0	11.1	7.3	0.9	100
Staten Island	Crown Heights/Flatbush	60.3	23.1	8.8	7.3	0.5	100
Staten Island	Gravesend/East New York	72.2	19.4	3.8	3.3	1.3	100
Staten Island	Boro Park/Coney Island	69.9	23.1	5.3	0.9	0.8	100
Staten Island	Staten Island	64.9	10.2	11.7	2.2	11.0	100

Source: US Census 2000: Mean Travel Time by Means of Transportation (Table 3-008); Aggregate Travel Time by Means of Transportation (Table 3-014)

Credits

Department of City Planning

Amanda M. Burden, FAICP, Chair

Richard Barth, Executive Director

Sandy Hornick, Deputy Executive Director of Strategic Planning

Howard Slatkin, Deputy Director of Strategic Planning

Elizabeth Mackintosh, Director of Planning Coordination

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Population Division

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