Appendix A
Crash Characteristics - Tables and Maps

Year	Fatal	Severe	Total
2002	156	1,393	1,549
2003	147	1,391	1,538
2004	145	1,278	1,423
2005	148	1,240	1,388
2006	143	1,313	1,456

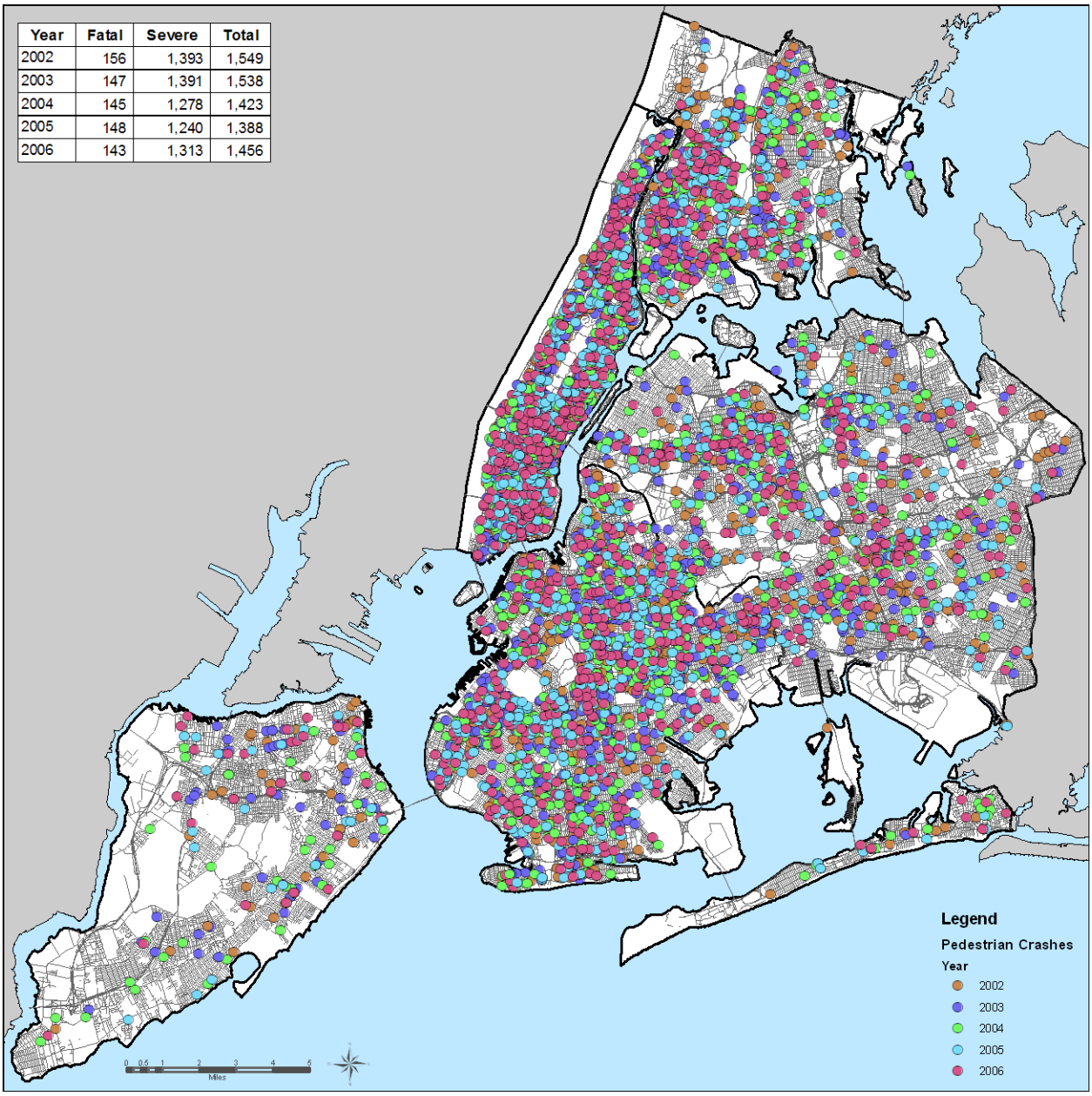


Figure A-1. Crashes by Year

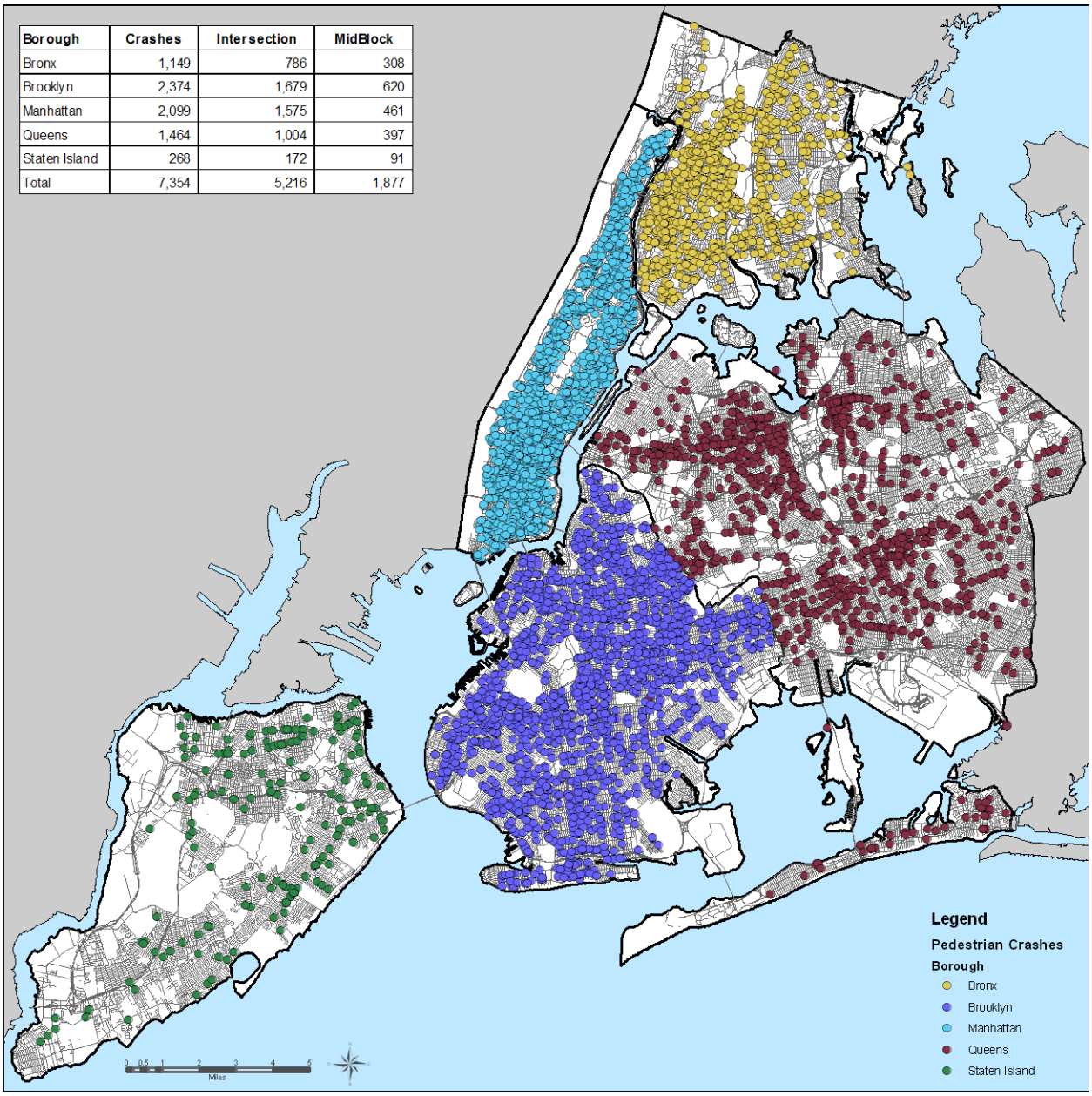


Figure A-2. Crashes by Borough

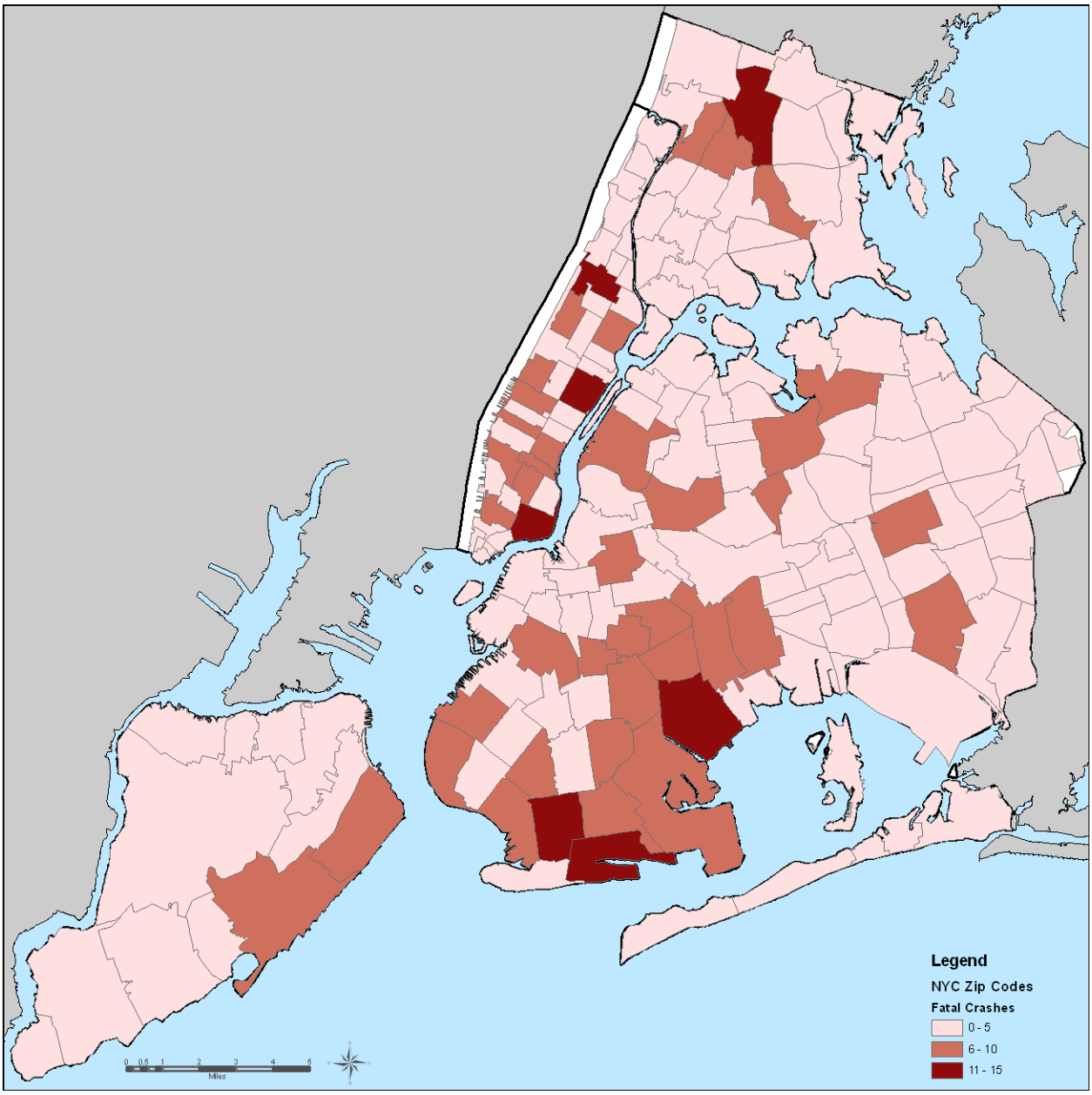


Figure A-3. Fatal Crashes by Zip Code

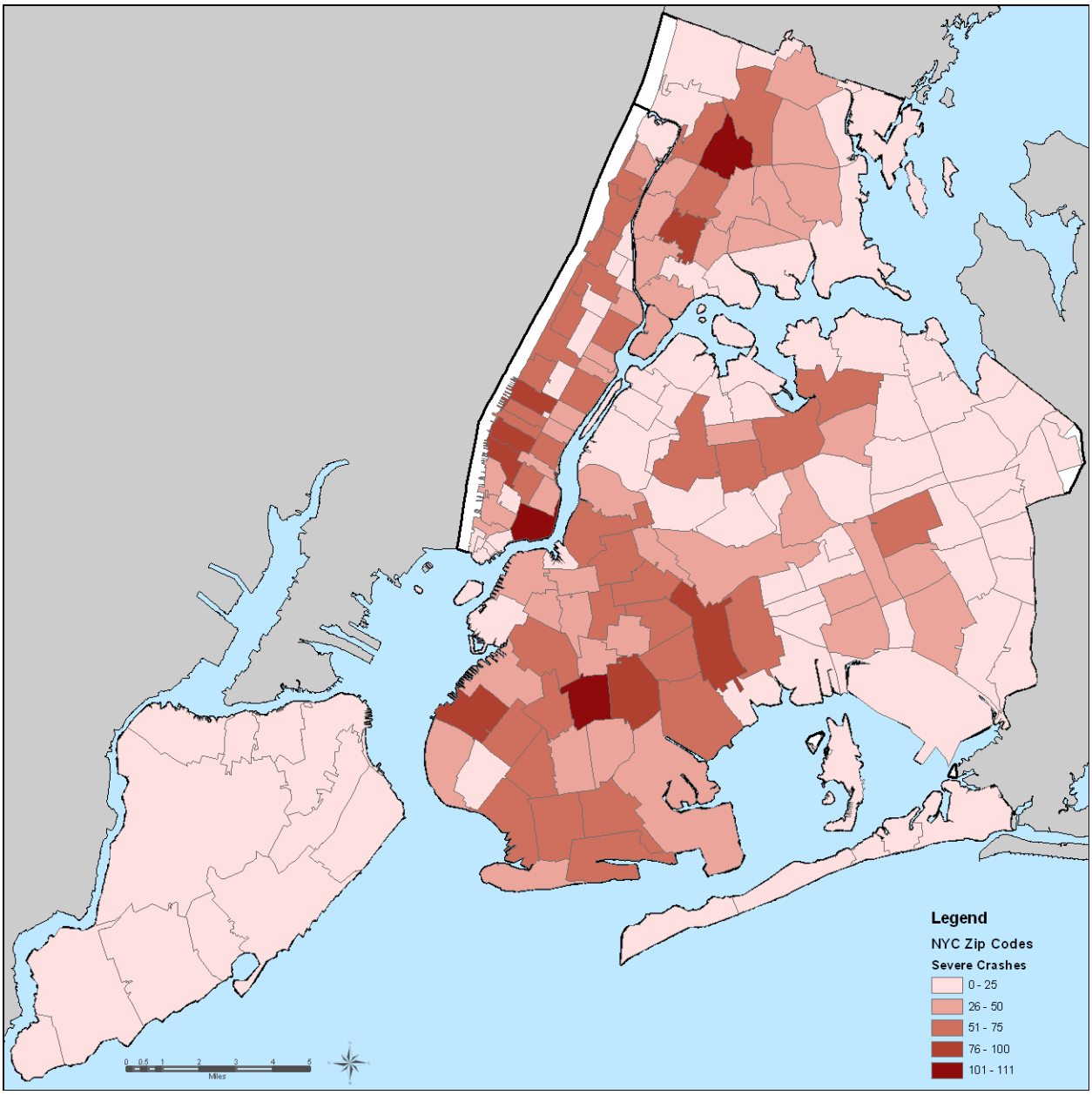


Figure A-4. Severe Crashes by Zip Code

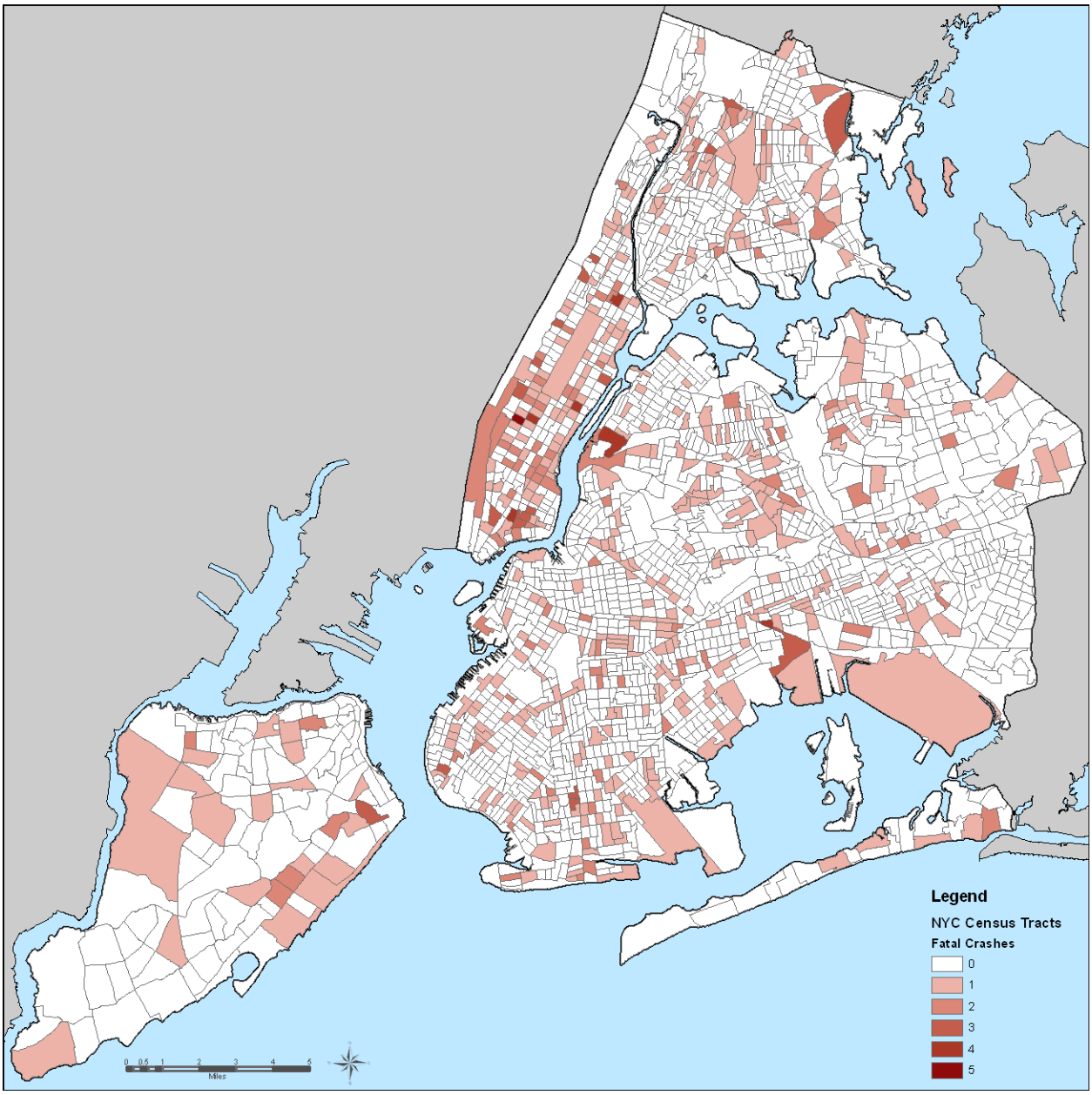


Figure A-5. Fatal Crashes by Census Tract

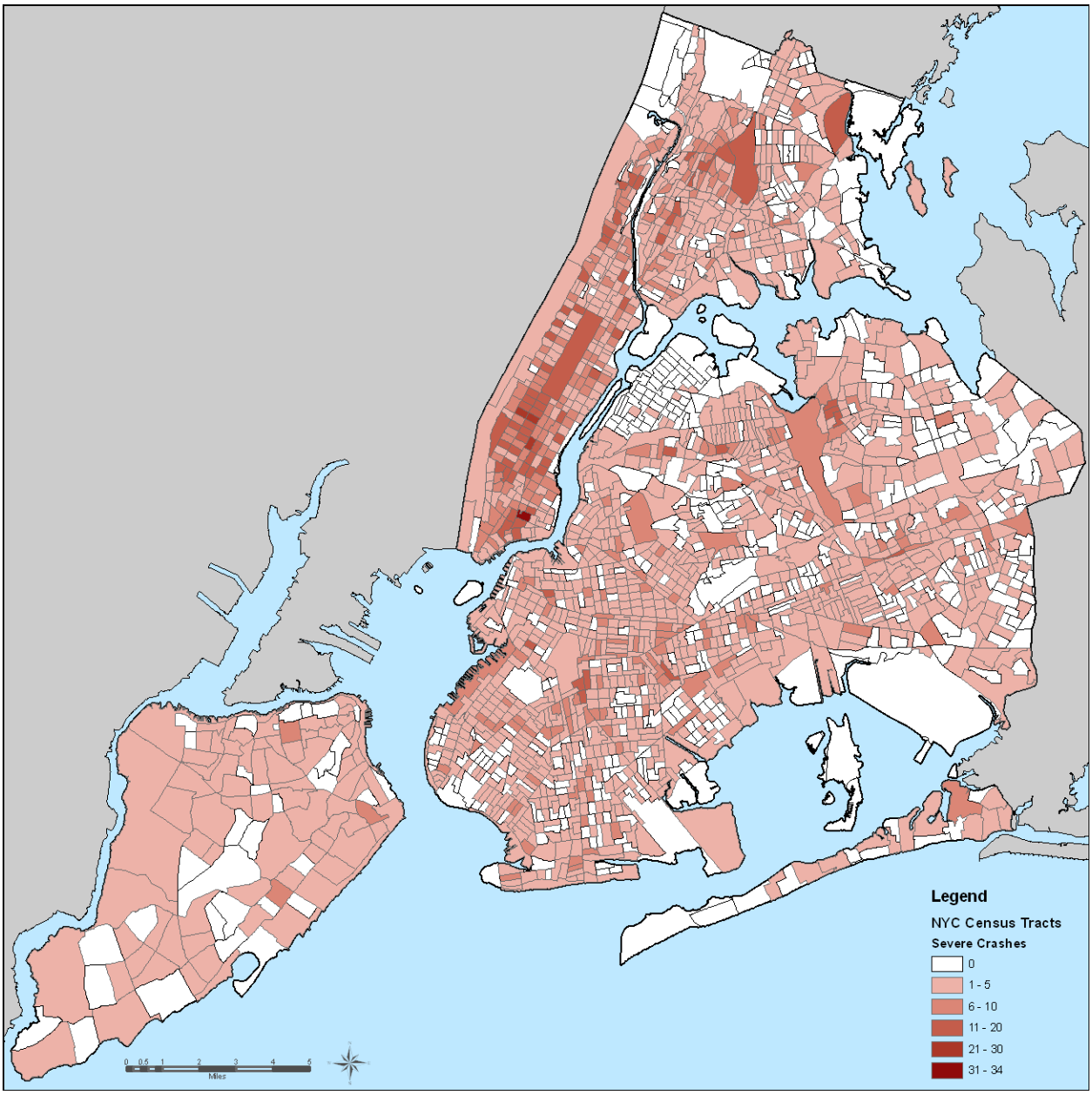


Figure A-6. Severe Crashes by Census Tract

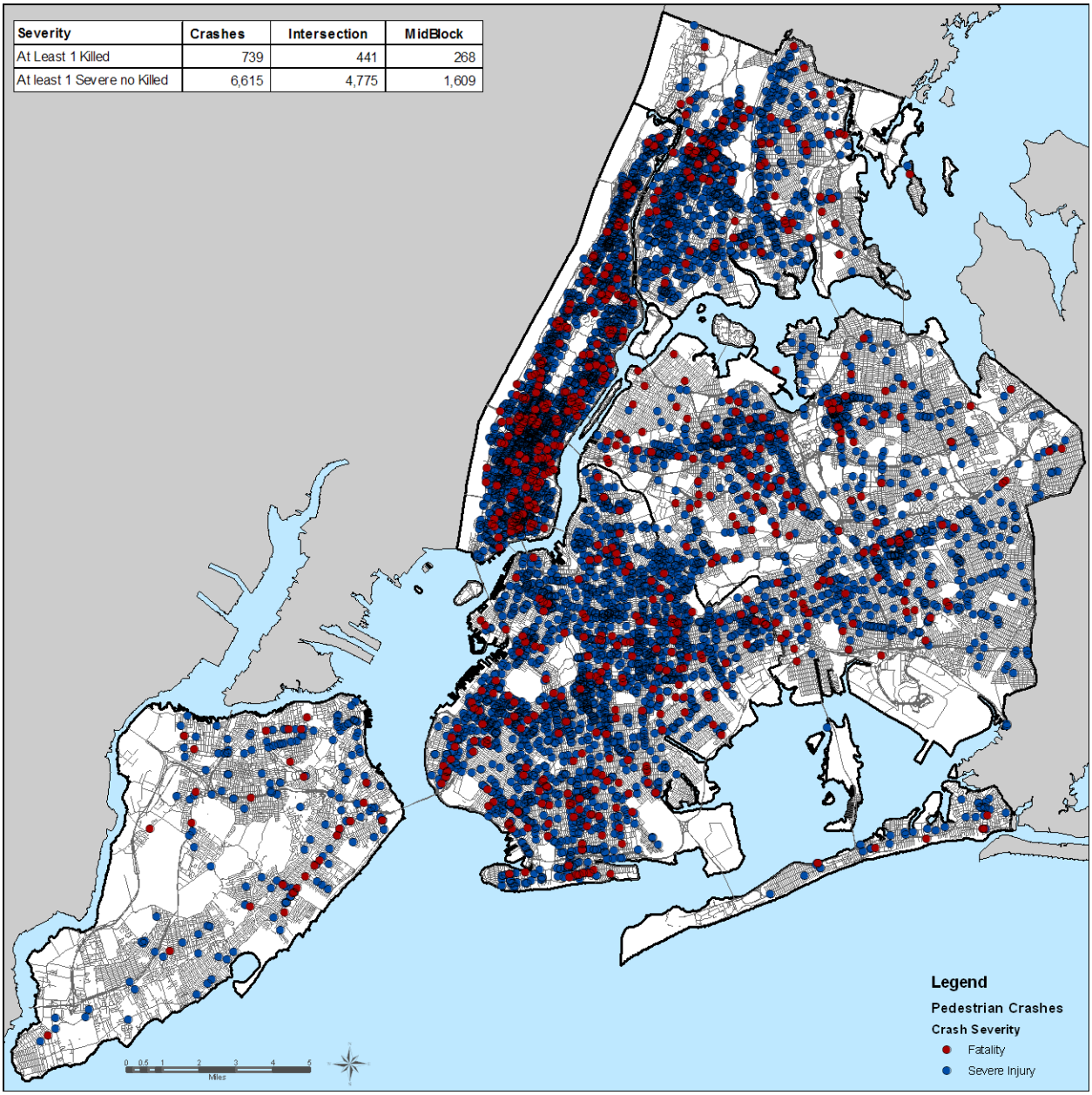


Figure A-7. Crashes by Crash Severity

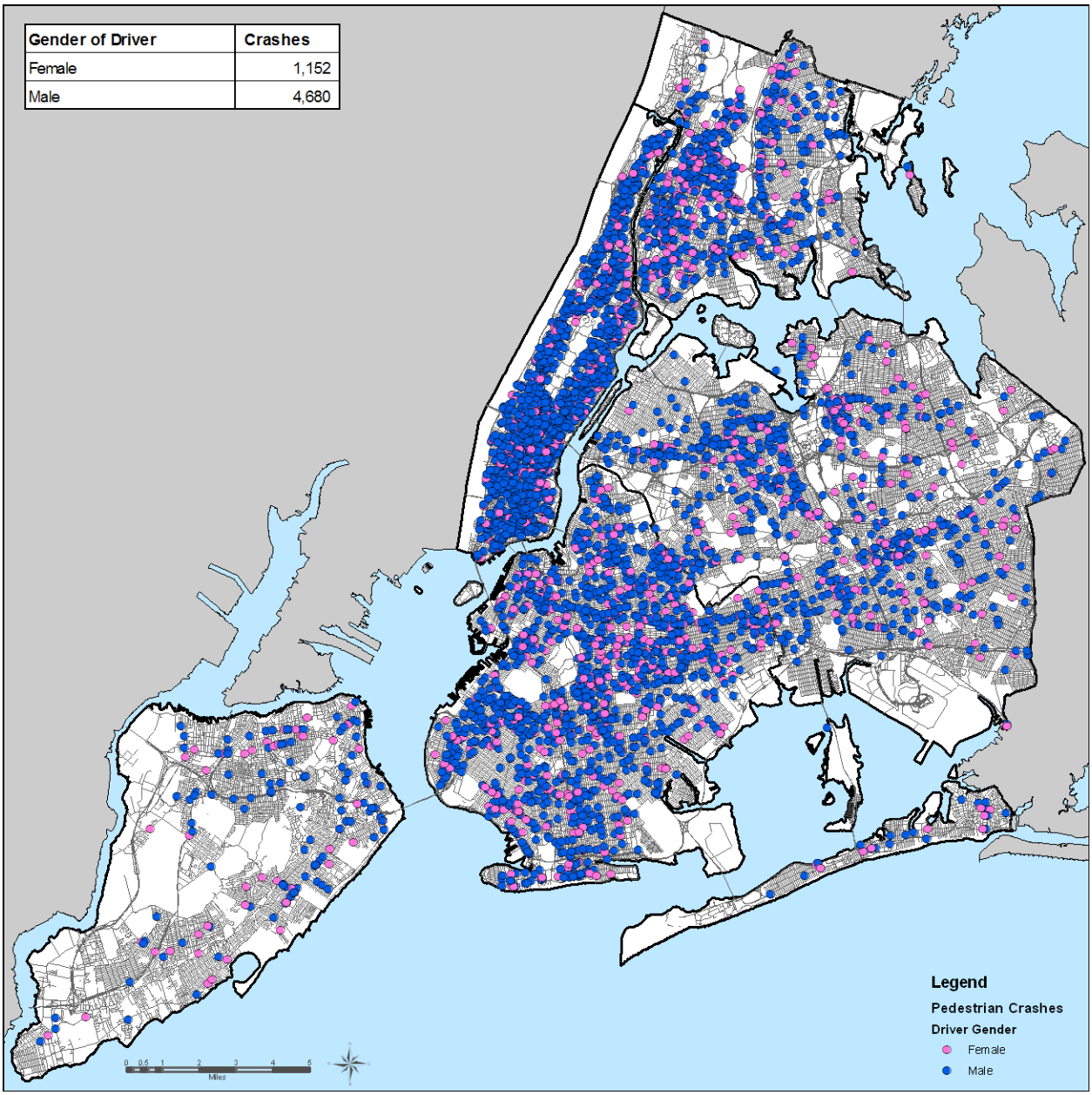


Figure A-8. Crashes by Gender of Driver

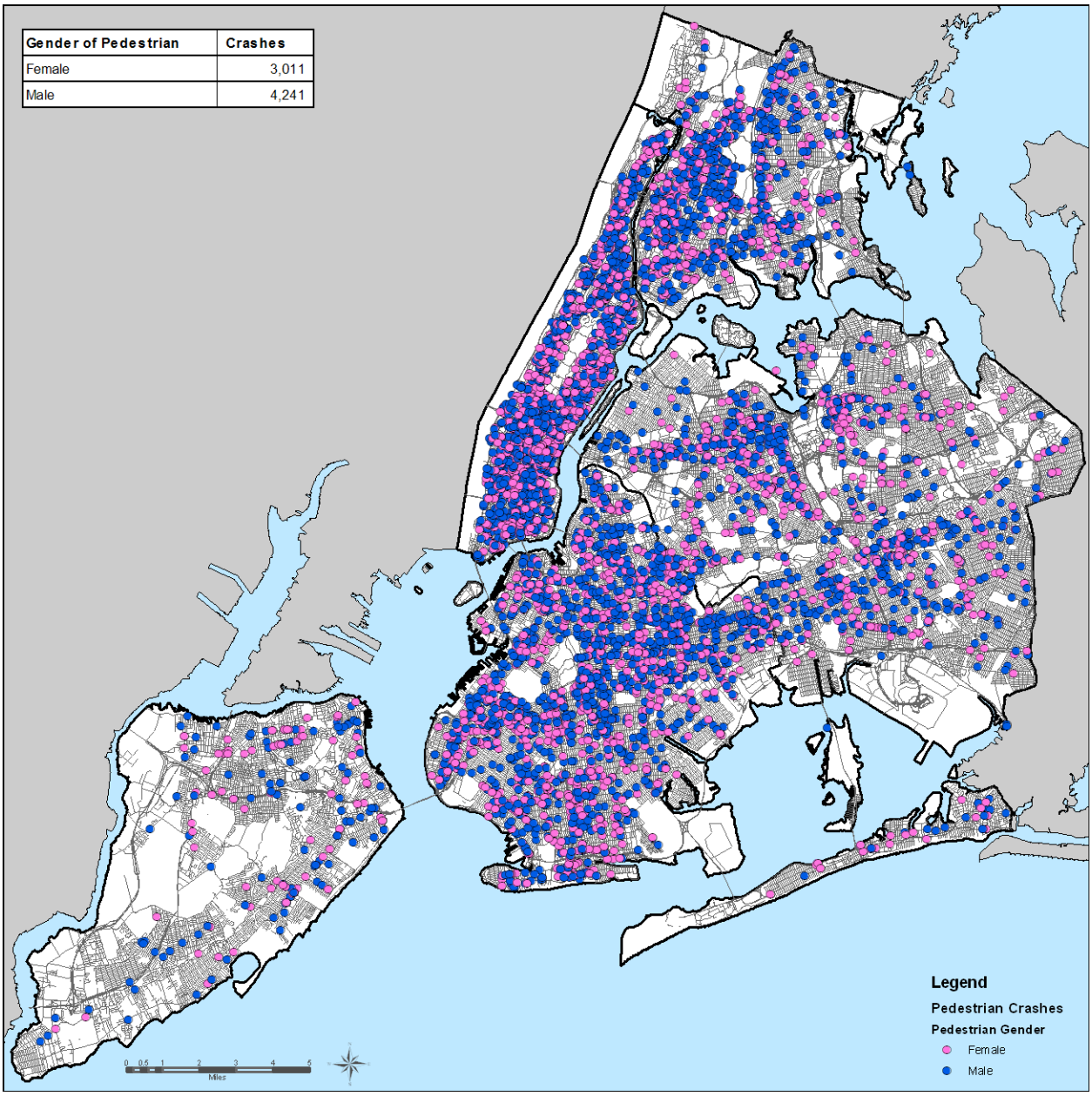
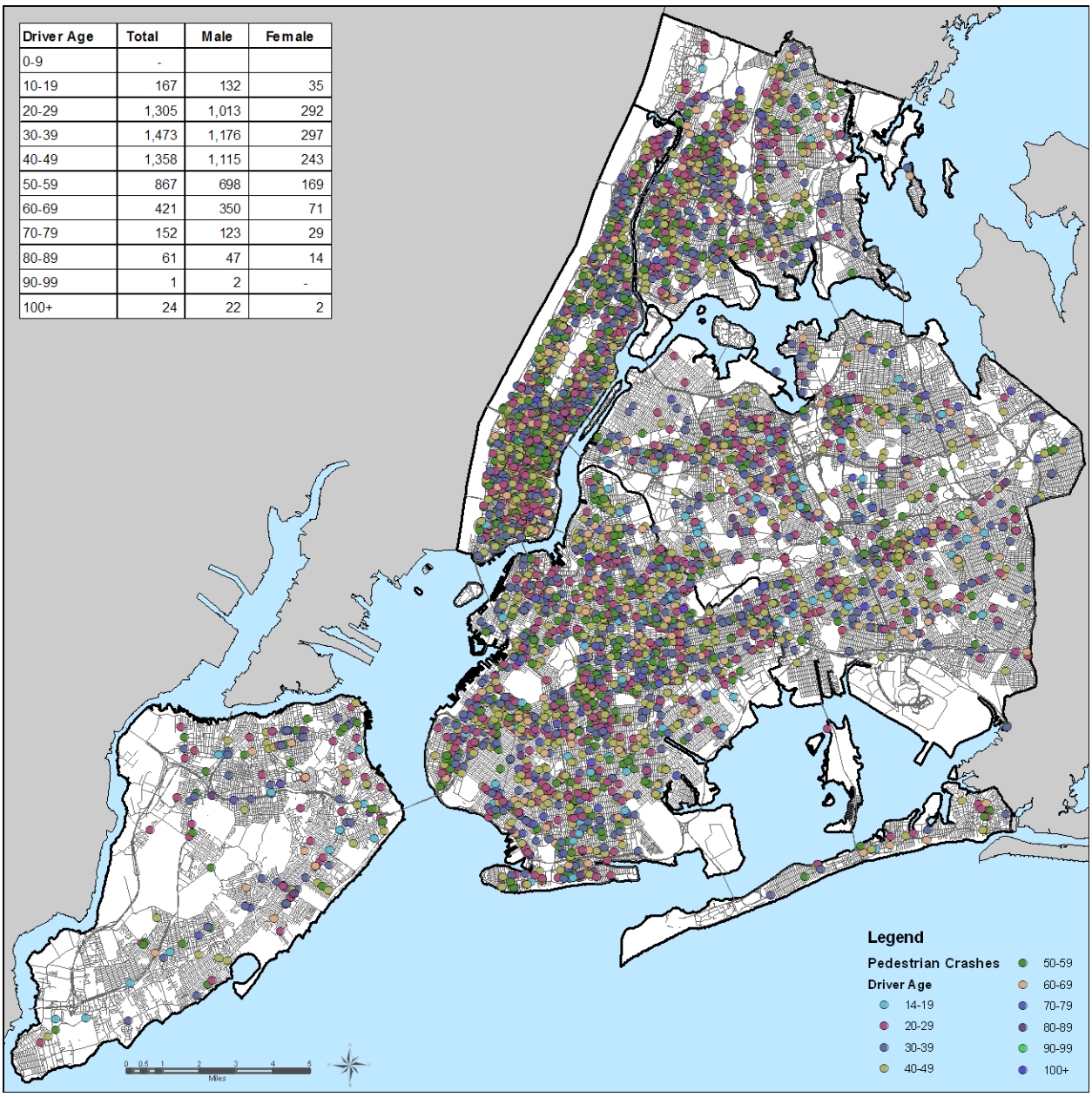
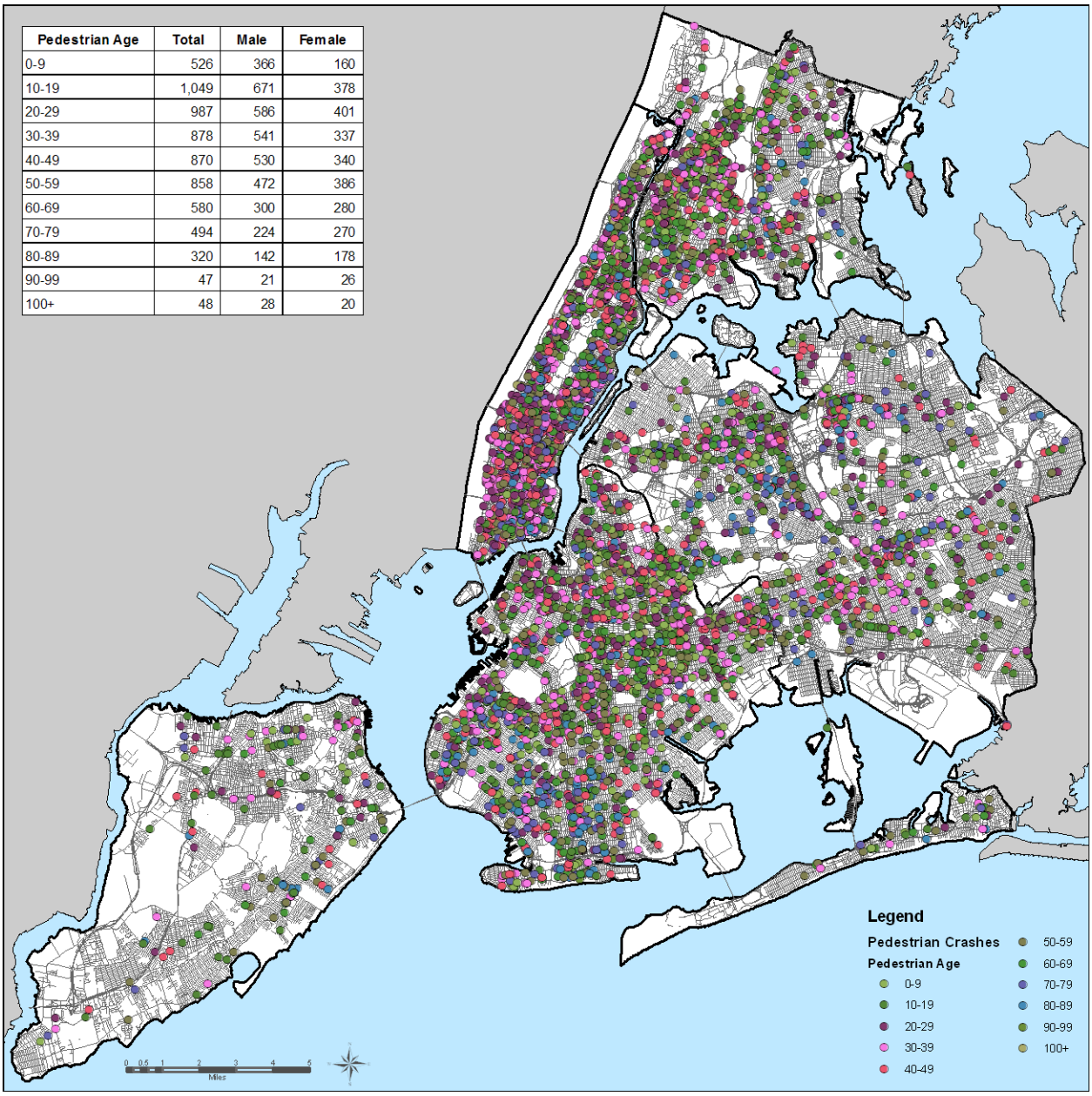


Figure A-9. Crashes by Gender of Pedestrian



Driver Age	Total	Male	Female
0-9	-		
10-19	167	132	35
20-29	1,305	1,013	292
30-39	1,473	1,176	297
40-49	1,358	1,115	243
50-59	867	698	169
60-69	421	350	71
70-79	152	123	29
80-89	61	47	14
90-99	1	2	-
100+	24	22	2

Figure A-10. Crashes by Age of Driver



Pedestrian Age	Total	Male	Female
0-9	526	366	160
10-19	1,049	671	378
20-29	987	586	401
30-39	878	541	337
40-49	870	530	340
50-59	858	472	386
60-69	580	300	280
70-79	494	224	270
80-89	320	142	178
90-99	47	21	26
100+	48	28	20

Figure A-11. Crashes by Age of Pedestrian

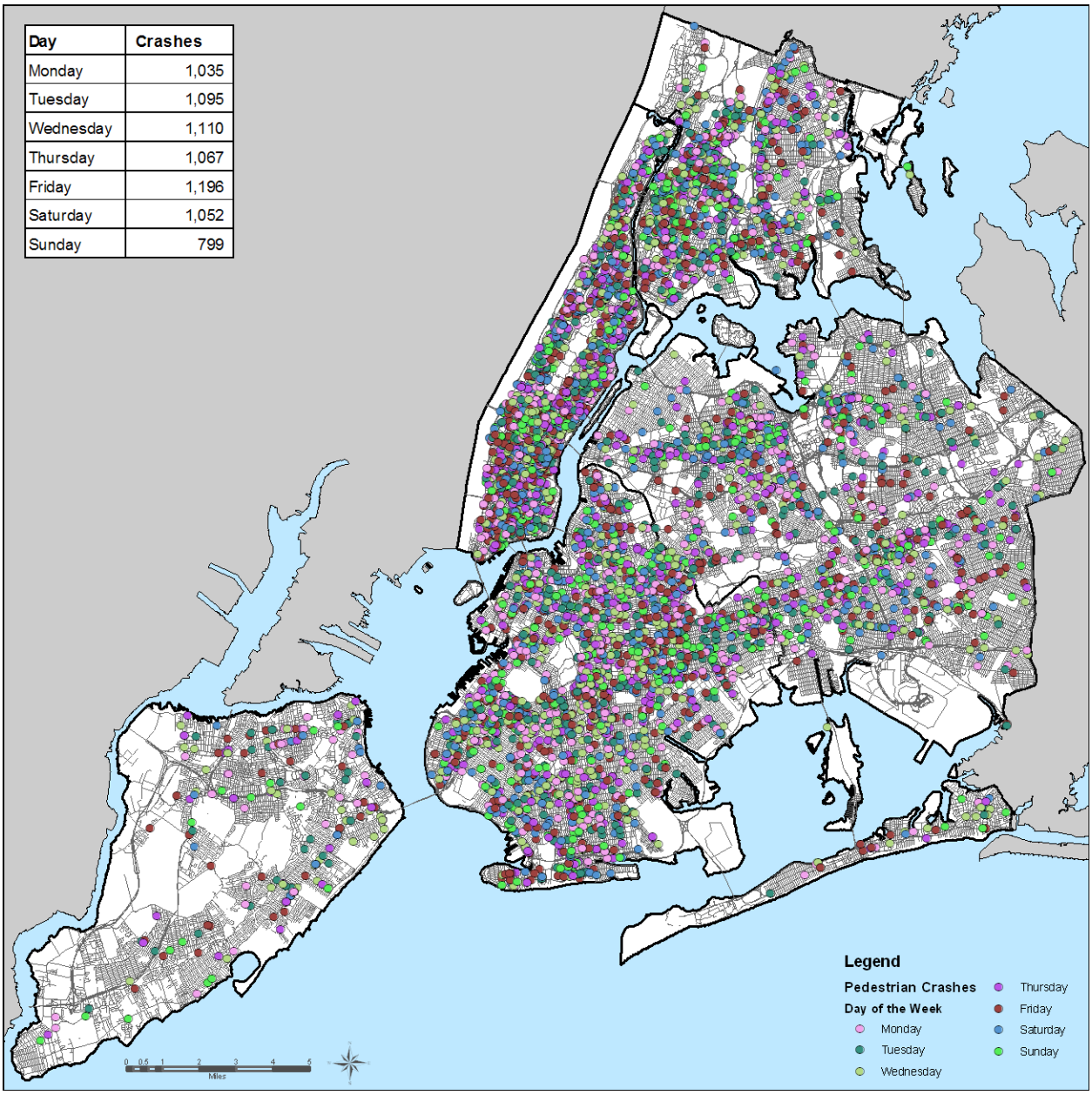


Figure A-12. Crashes by Day of the Week

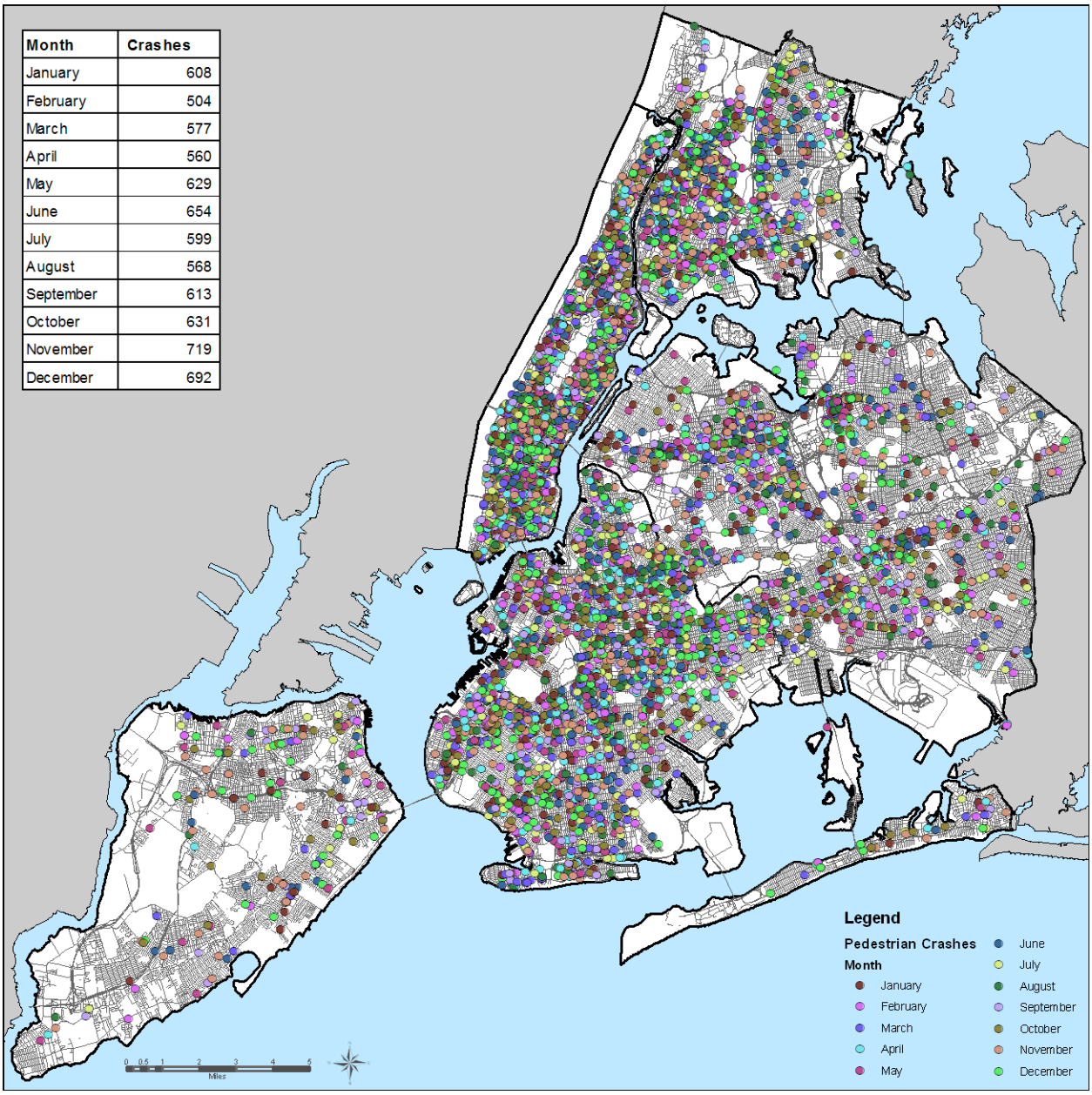


Figure A-13. Crashes by Month

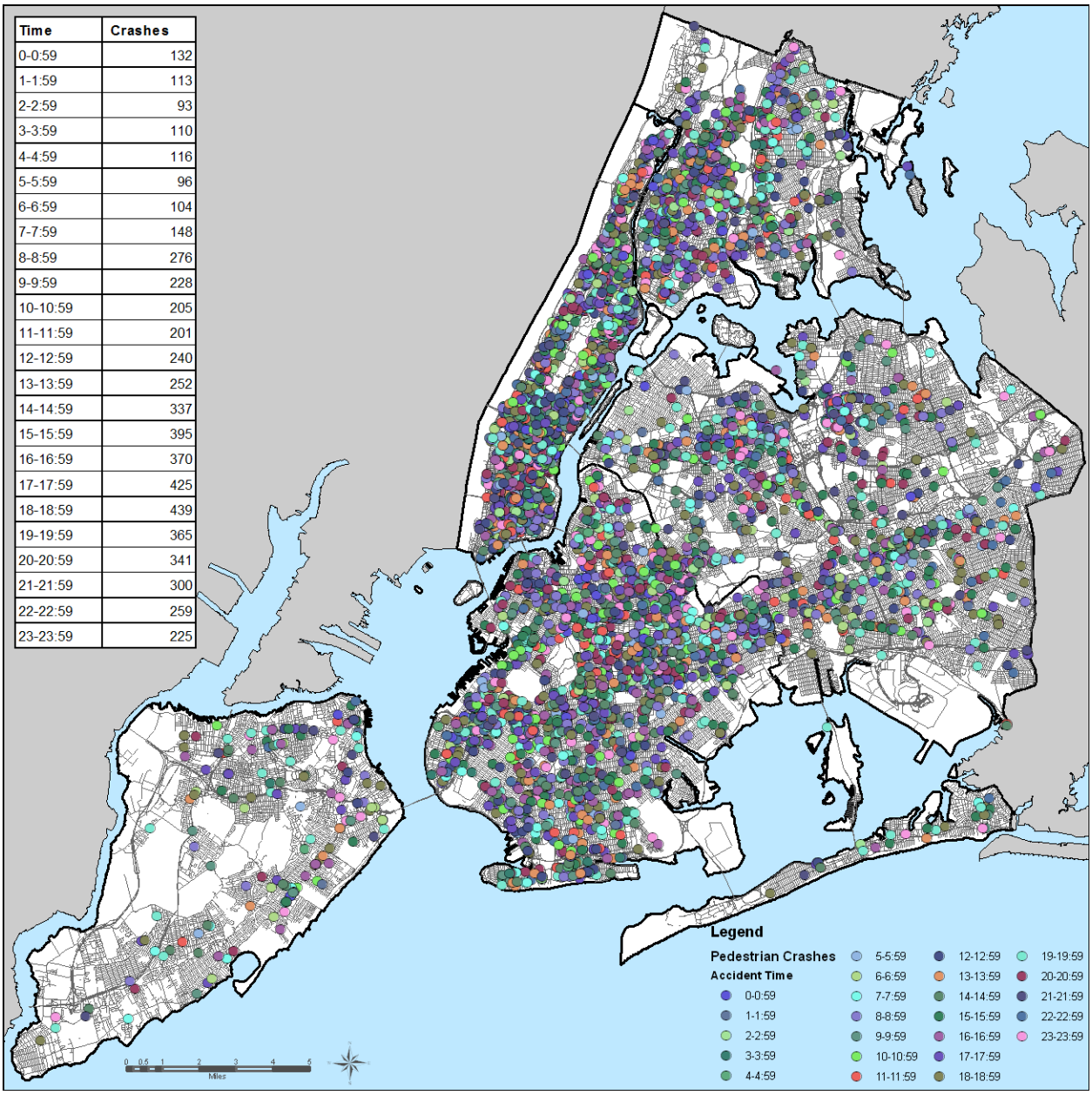
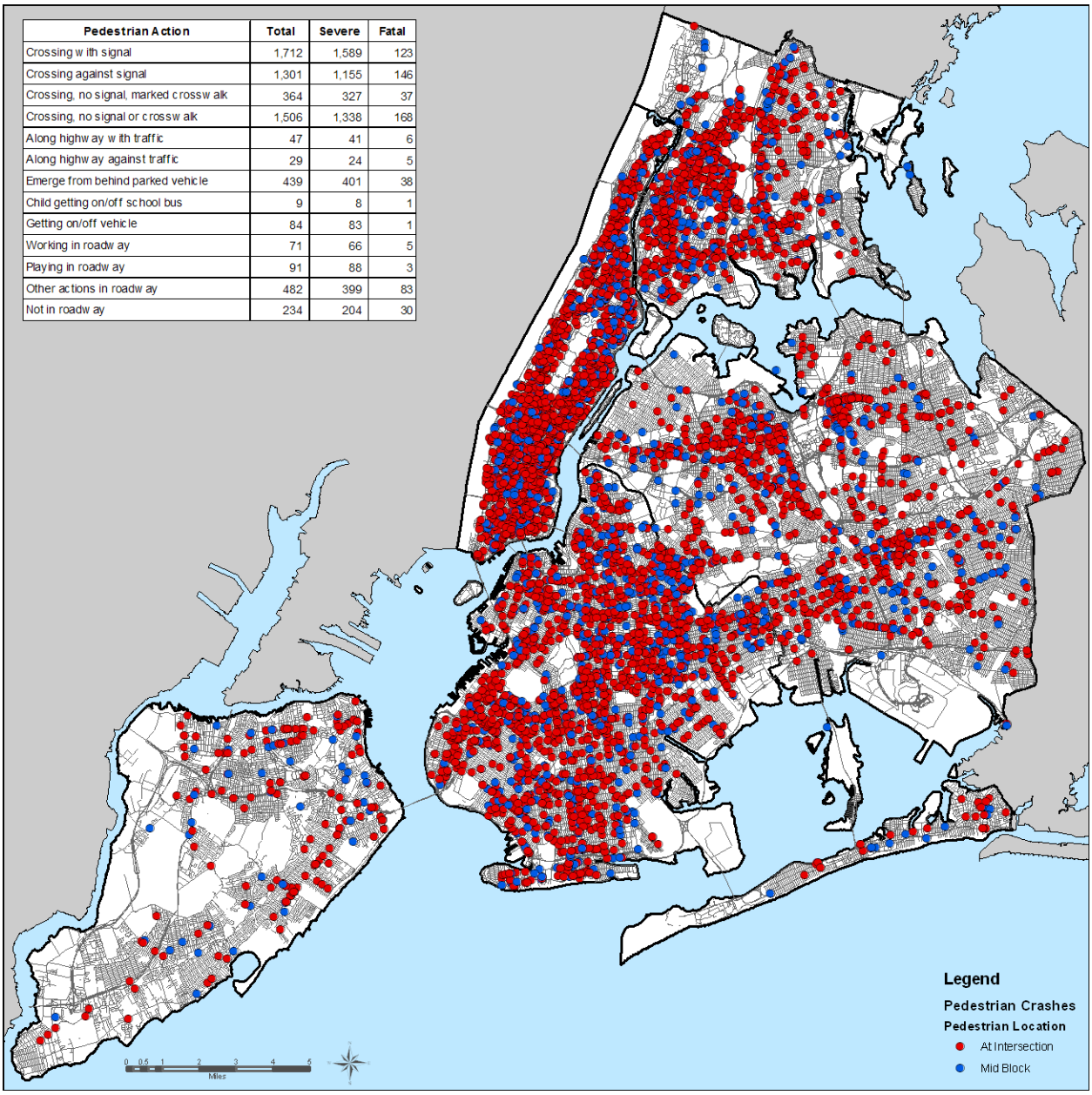


Figure A-14. Crashes by Time of Day



Pedestrian Action	Total	Severe	Fatal
Crossing w ith signal	1,712	1,589	123
Crossing against signal	1,301	1,155	146
Crossing, no signal, marked crossw alk	364	327	37
Crossing, no signal or crossw alk	1,506	1,338	168
Along highw ay w ith traffic	47	41	6
Along highw ay against traffic	29	24	5
Emerge from behind parked vehicle	439	401	38
Child getting on/off school bus	9	8	1
Getting on/off vehicle	84	83	1
Working in roadw ay	71	66	5
Playing in roadw ay	91	88	3
Other actions in roadw ay	482	399	83
Not in roadw ay	234	204	30

Figure A-15. Crashes by Location of Pedestrian & Severity

Pedestrian Action	Bronx	Brooklyn	Manhattan	Queens	Staten Island	5+ Crash
Crossing with signal	191	564	629	282	46	46
Crossing against signal	171	427	470	206	27	59
Crossing, no signal, marked crosswalk	67	120	58	102	17	5
Crossing, no signal or crosswalk	299	478	294	354	81	22
Along highway with traffic	4	15	117	8	3	
Along highway against traffic	4	11	7	7	0	
Emerge from behind parked vehicle	69	166	84	102	18	1
Child getting on/off school bus		4	1	2	2	
Getting on/off vehicle	17	27	26	11	3	
Working in roadway	7	27	23	9	5	
Playing in roadway	28	33	11	16	3	
Other actions in roadway	90	125	143	104	20	5
Not in roadway	33	73	52	63	13	1

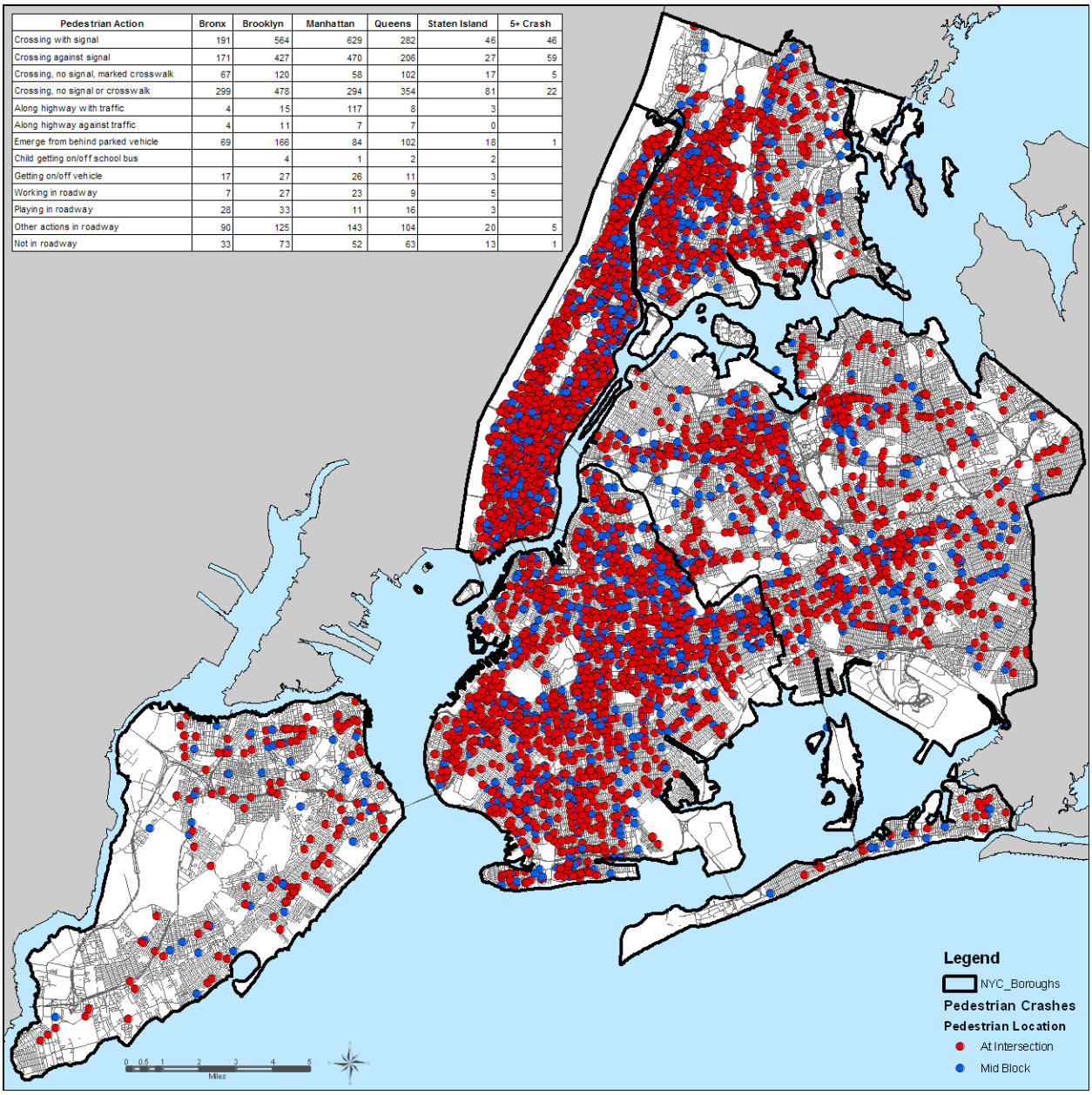


Figure A-16. Crashes by Location of Pedestrian & Borough

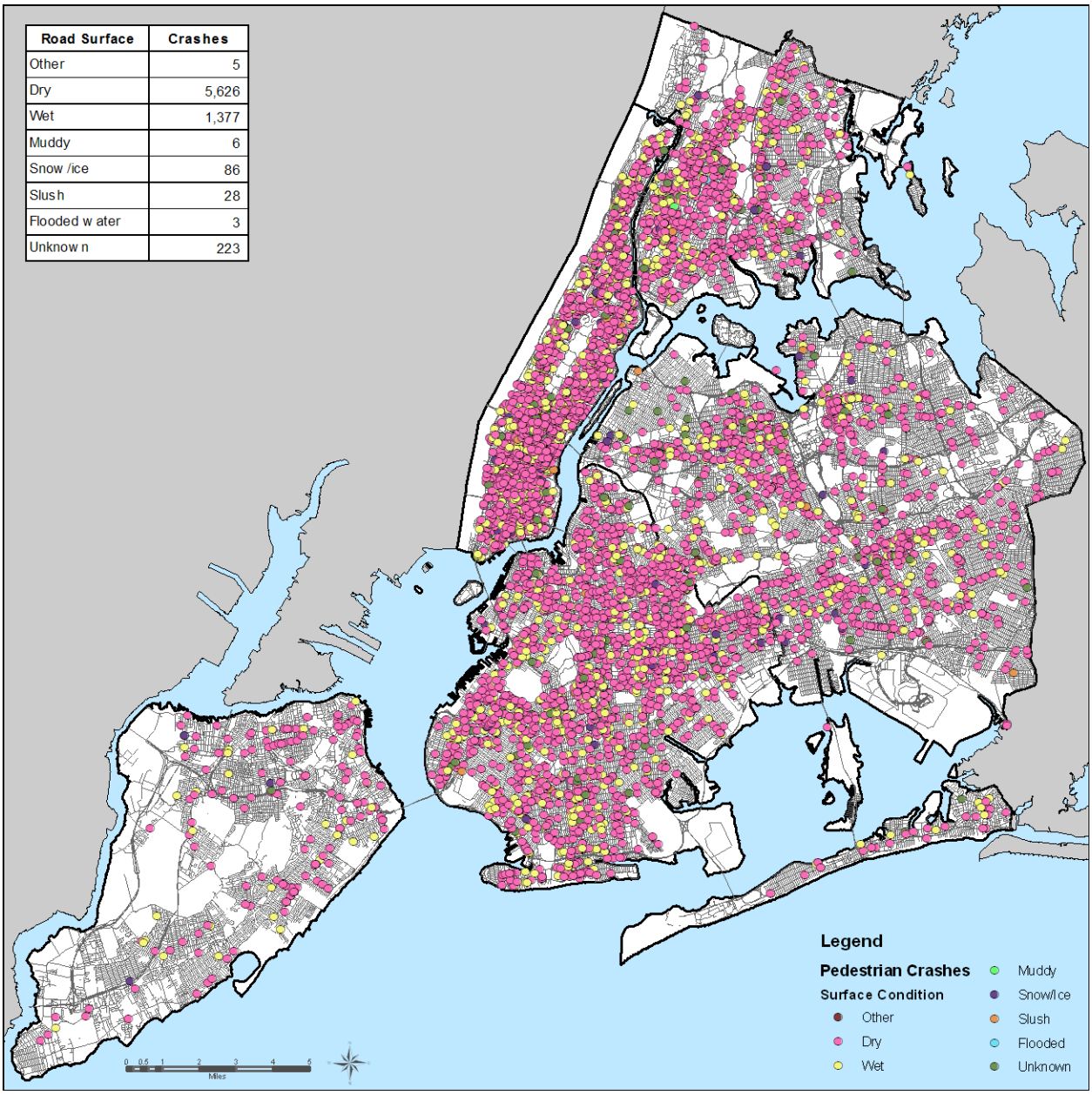


Figure A-17. Crashes by Roadway Surface Condition

Table A-1. Crashes by Apparent Factor (First number indicates vehicle/pedestrian, second number indicates primary or secondary apparent factor)

Apparent Factor	1-1	1-2	2-1	2-2	3-1	3-2	4-1	4-2	5-1	5-2	6-1	6-2	7-1	7-2	8-1	8-2
NONE																
ALCOHOL INVOLVEMENT	136	17	136	17	33	2	10									
BACKING UNSAFELY	219	20	219	20	20	3	3	1								
DRIVER INATTENTION	1,074	188	1,070	188	71	24	10	3	1	1						
DRIVER INEXPERIENCE	61	49	61	49	7	2	2		1		1		1		1	
DRUGS (ILLEGAL)	10	5	10	5	2	1	1									
FAILURE TO YIELD RIGHT OF WAY	534	185	533	185	34	19	4	3	1							
FELL ASLEEP	3	1	3	1		1										
FOLLOWING TOO CLOSELY	11	4	11	4	3	1				1		1		1		
ILLNESS	4		3		2		1									
LOST CONSCIOUSNESS	6	1	5	1	2		2									
PASSENGER DISTRACTION	11	7	11	7	1											
PASSING OR LANE USAGE IMPROPERLY	39	15	39	15	7	3				1						
PEDESTRIAN'S ERROR/CONFUSION	643	114	645	114	26	11	2	3	1							
PHYSICAL DISABILITY	6	2	6	2	3		1									
PRESCRIPTION MEDICATION	1		1		1		1									
TRAFFIC CONTROL DEVICES DISREGARDED	88	72	88	72	9	8	1	2								
TURNING IMPROPER	29	33	29	33	3	2		1	1	1		1		1		
UNSAFE SPEED	186	90	185	90	26	18	5	4		1						
UNSAFE LANE CHANGING	13	11	13	11	3	2		1								
FATIGUE/DROWSY		2		2		1										
CELL PHONE (HAND HELD)	1	5	1	5												
CELL PHONE (HANDS FREE)	1	2	1	2												
OTHER ELECTRONIC DEVICE	2		2													
OUTSIDE CAR DISTRACTION	23	12	23	12	7		2									
REACTION TO OTHER UNINVOLVED VEHICLE	22	9	22	9	3	2	1	1								
FAILURE TO KEEP RIGHT	6	5	6	5												

Table A-1. (Continued) Crashes by Apparent Factor (First number indicates vehicle/pedestrian, second number indicates primary or secondary apparent factor)

Apparent Factor (Cont')	1-1	1-2	2-1	2-2	3-1	3-2	4-1	4-2	5-1	5-2	6-1	6-2	7-1	7-2	8-1	8-2
AGGRESSIVE DRIVING/ROAD RAGE	80	45	80	45	19	4	5	2								
OTHER (HUMAN)	58	13	58	13	1											
ACCELERATOR DEFECTIVE	5	1	5	1	1											
BRAKES DEFECTIVE	8	7	8	7	2	2	1	2								
HEADLIGHTS DEFECTIVE																
OTHER LIGHTING DEFECTS	5	2	5	2												
OVERSIZED VEHICLE	9	4	9	4	1	1										
STEERING FAILURE	3	1	3	1	2		2									
TIRE FAILURE/INADEQUATE	3	1	3	1												
TOW HITCH DEFECTIVE	2	1	2	1	1		1									
WINDSHIELD INADEQUATE	2	1	2	1												
DRIVERLESS/RUNAWAY VEHICLE	7	5	7	5	1											
OTHER (VEHICLE)	112	45	112	45	11	6	2	2	1							
ANIMAL'S ACTION	1	2	1	2		1		1								
GLARE	76	26	76	26	4	1	1									
LANE MARKING IMPROPER/INADEQUATE																
OBSTRUCTION/DEBRIS	11	9	11	9												
PAVEMENT DEFECTIVE	3	1	3	1												
PAVEMENT SLIPPERY	69	58	69	58	9	9	2									
SHOULDERS DEFECTIVE/IMPROPER		1		1												
TRAFFIC CONTROL DEVICE NON-WORKING	2	3	2	2	1											
VIEW OBSTRUCTED/LIMITED	118	64	118	64	9	5	1									
OTHER (ENVIRONMENTAL)	2	3	2	3												
INVALID CODE																
NOT ENTERED	1,448	4,130	1,455	4,133	6,873	7,063	7,267	7,299	7,325	7,336	7,346	7,349	7,347	7,349	7,352	7,353
NOT APPLICABLE	1,464	985	1,464	984	99	73	15	12	16	5	6	2	5	2	1	1
UNKNOWN	737	1,097	736	1,096	57	89	11	17	7	8	1	1	1	1		

Table A-2. Crashes by Apparent Factor at Locations with 5 or more crashes

Apparent Factor	5+ Crash 1-1	5+ Crash 1-2
NONE		
ALCOHOL INVOLVEMENT	1	
BACKING UNSAFELY		1
DRIVER INATTENTION	13	4
DRIVER INEXPERIENCE	2	3
DRUGS (ILLEGAL)		
FAILURE TO YIELD RIGHT OF WAY	13	1
FELL ASLEEP		
FOLLOWING TOO CLOSELY		1
ILLNESS		
LOST CONSCIOUSNESS		
PASSENGER DISTRACTION	1	1
PASSING OR LANE USAGE IMPROPERLY		
PEDESTRIAN'S ERROR/CONFUSION	18	1
PHYSICAL DISABILITY		
PRESCRIPTION MEDICATION		
TRAFFIC CONTROL DEVICES DISREGARDED	3	1
TURNING IMPROPER		3
UNSAFE SPEED	5	
UNSAFE LANE CHANGING		
FATIGUE/DROWSY		
CELL PHONE (HAND HELD)		
CELL PHONE (HANDS FREE)		
OTHER ELECTRONIC DEVICE		
OUTSIDE CAR DISTRACTION	2	
REACTION TO OTHER UNINVOLVED VEHICLE	1	
FAILURE TO KEEP RIGHT		
AGGRESSIVE DRIVING/ROAD RAGE		
OTHER (HUMAN)	2	1
ACCELERATOR DEFECTIVE		
BRAKES DEFECTIVE		
HEADLIGHTS DEFECTIVE		
OTHER LIGHTING DEFECTS		
OVERSIZED VEHICLE		
STEERING FAILURE		
TIRE FAILURE/INADEQUATE		
TOW HITCH DEFECTIVE	1	
WINDSHIELD INADEQUATE		
DRIVERLESS/RUNAWAY VEHICLE		1
OTHER (VEHICLE)	4	2
ANIMAL'S ACTION		
GLARE	2	
LANE MARKING IMPROPER/INADEQUATE		
OBSTRUCTION/DEBRIS		
PAVEMENT DEFECTIVE		
PAVEMENT SLIPPERY	2	1
SHOULDERS DEFECTIVE/IMPROPER		
TRAFFIC CONTROL DEVICE NON-WORKING		
VIEW OBSTRUCTED/LIMITED	3	
OTHER (ENVIRONMENTAL)		
INVALID CODE		
NOT ENTERED	40	93
NOT APPLICABLE	35	26
UNKNOWN	20	28

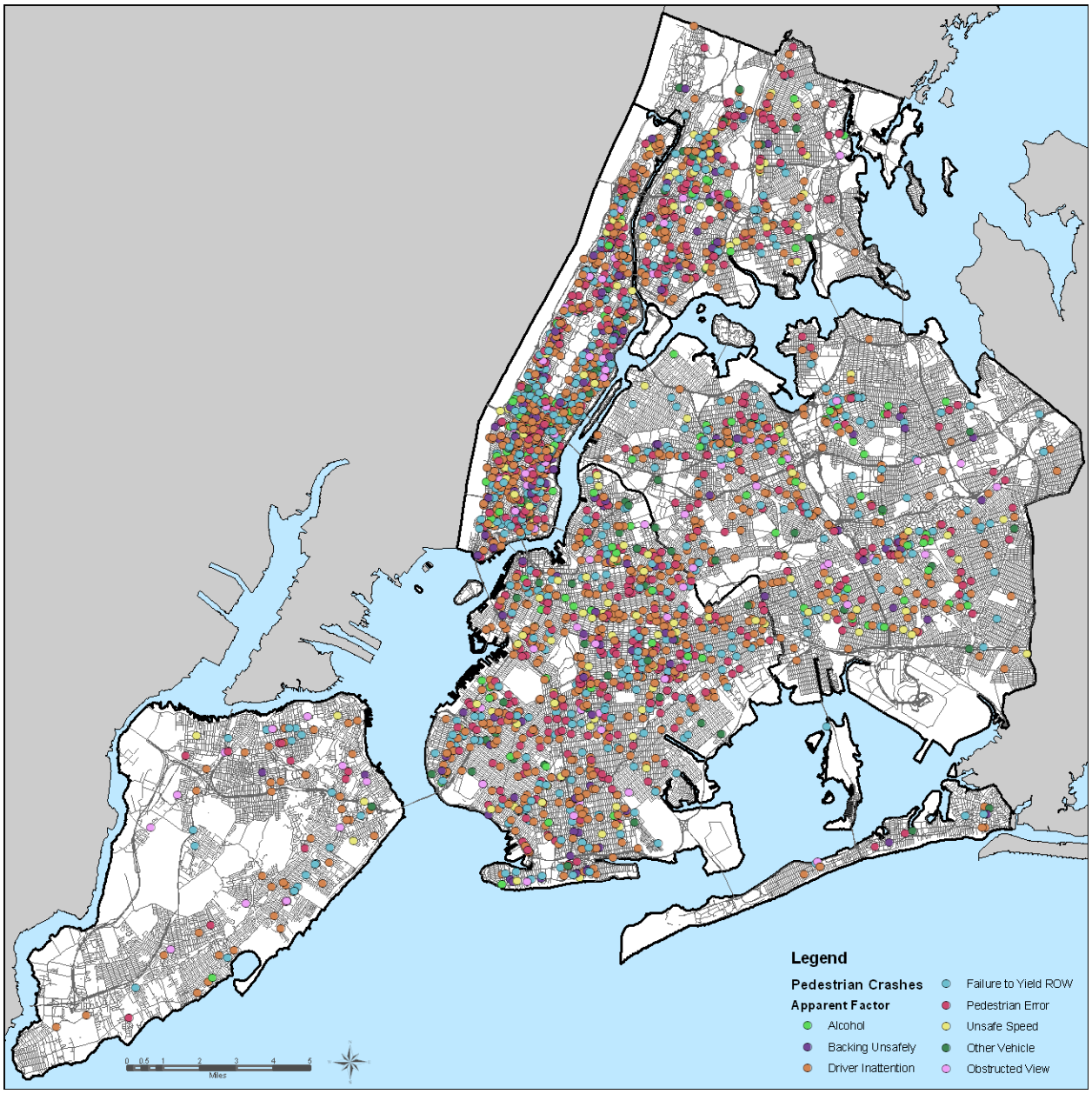


Figure A-18. Crashes by Apparent Factor (Top 8 Factors)

Figure A-19. Locations in New York City with 5 or more severe/fatal crashes from 2002-2006

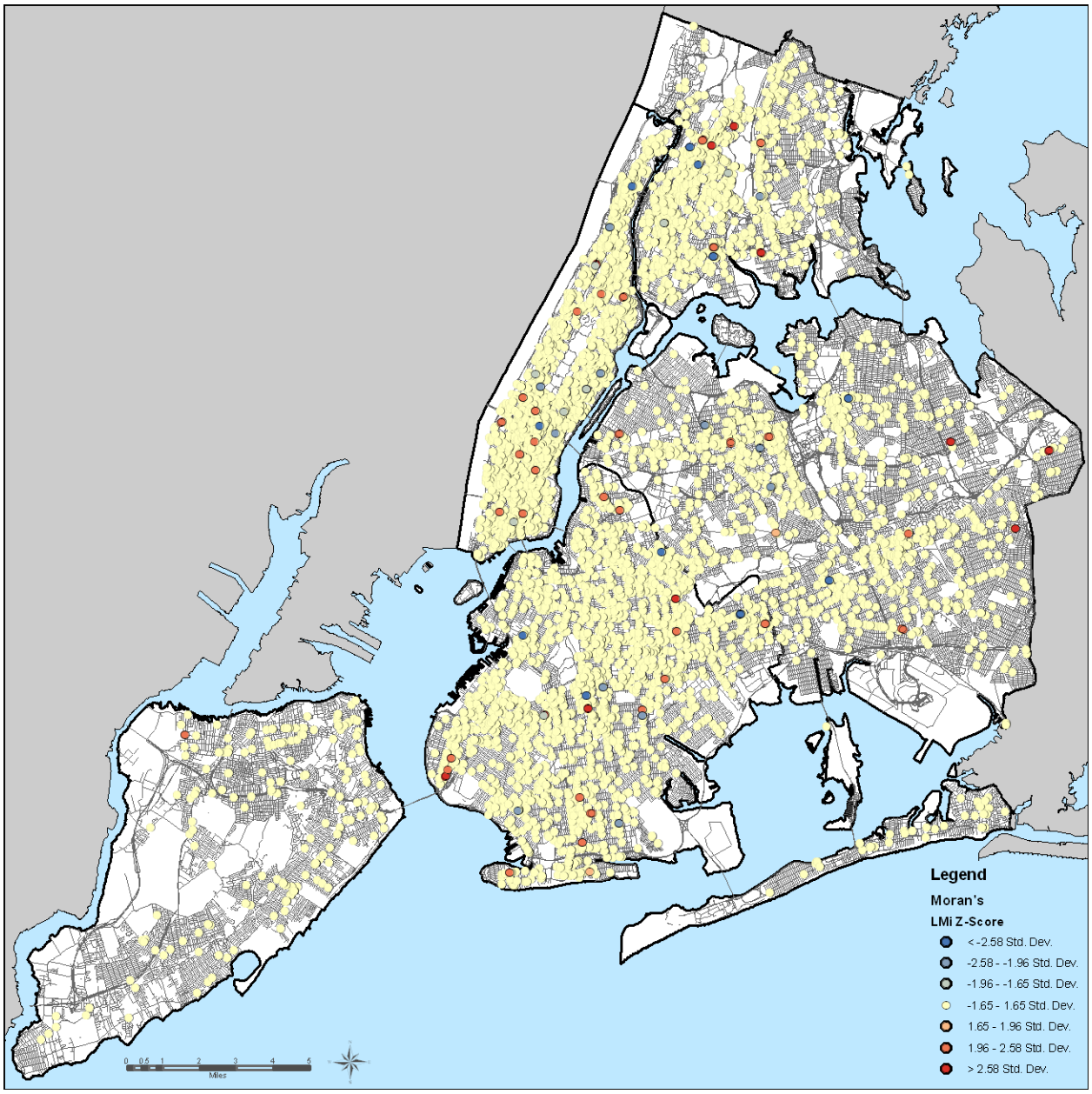


Figure A-20. Moran's I Calculation for all NYC, mean included

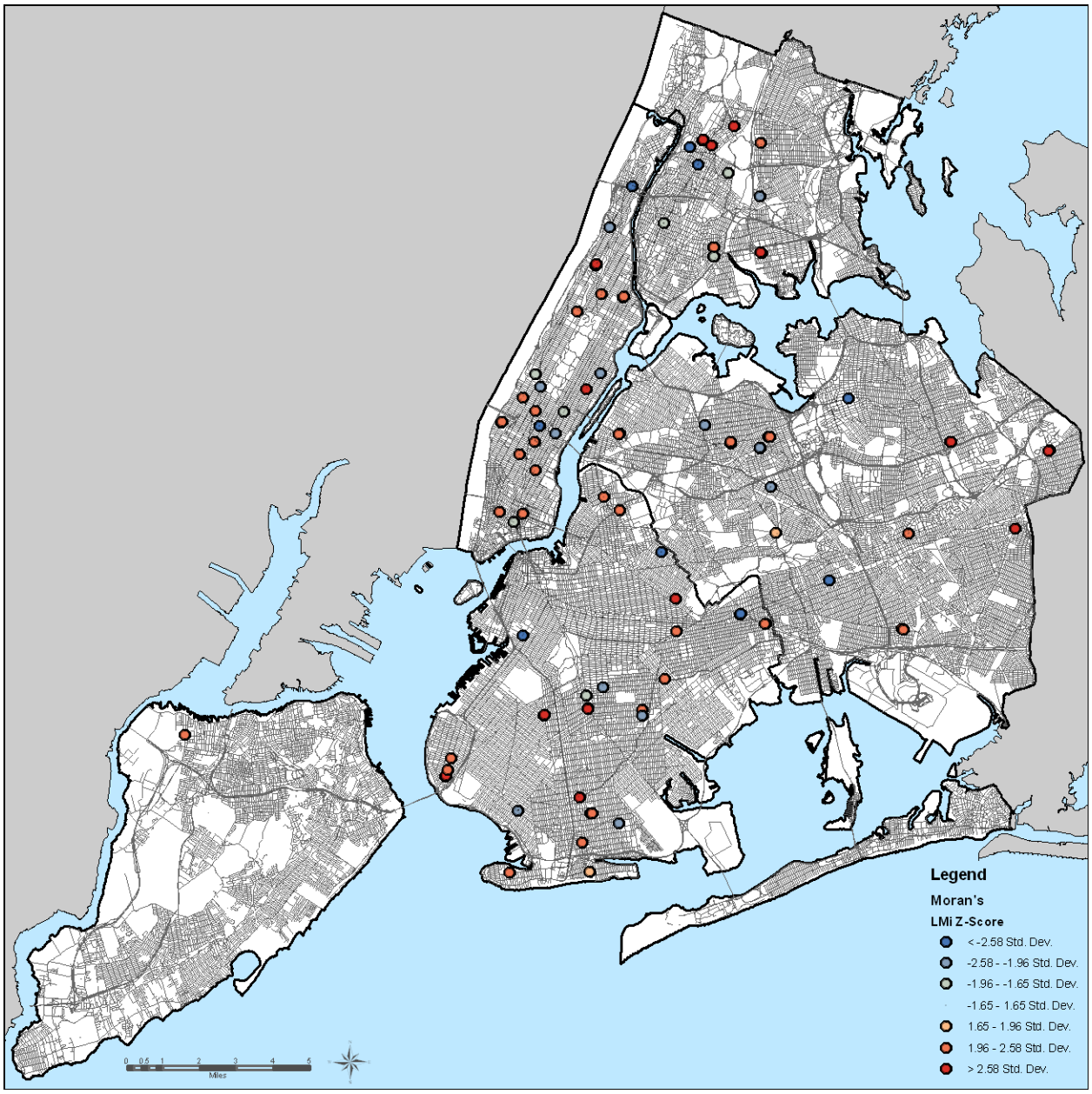


Figure A-21. Moran's I Calculation for all NYC, mean excluded

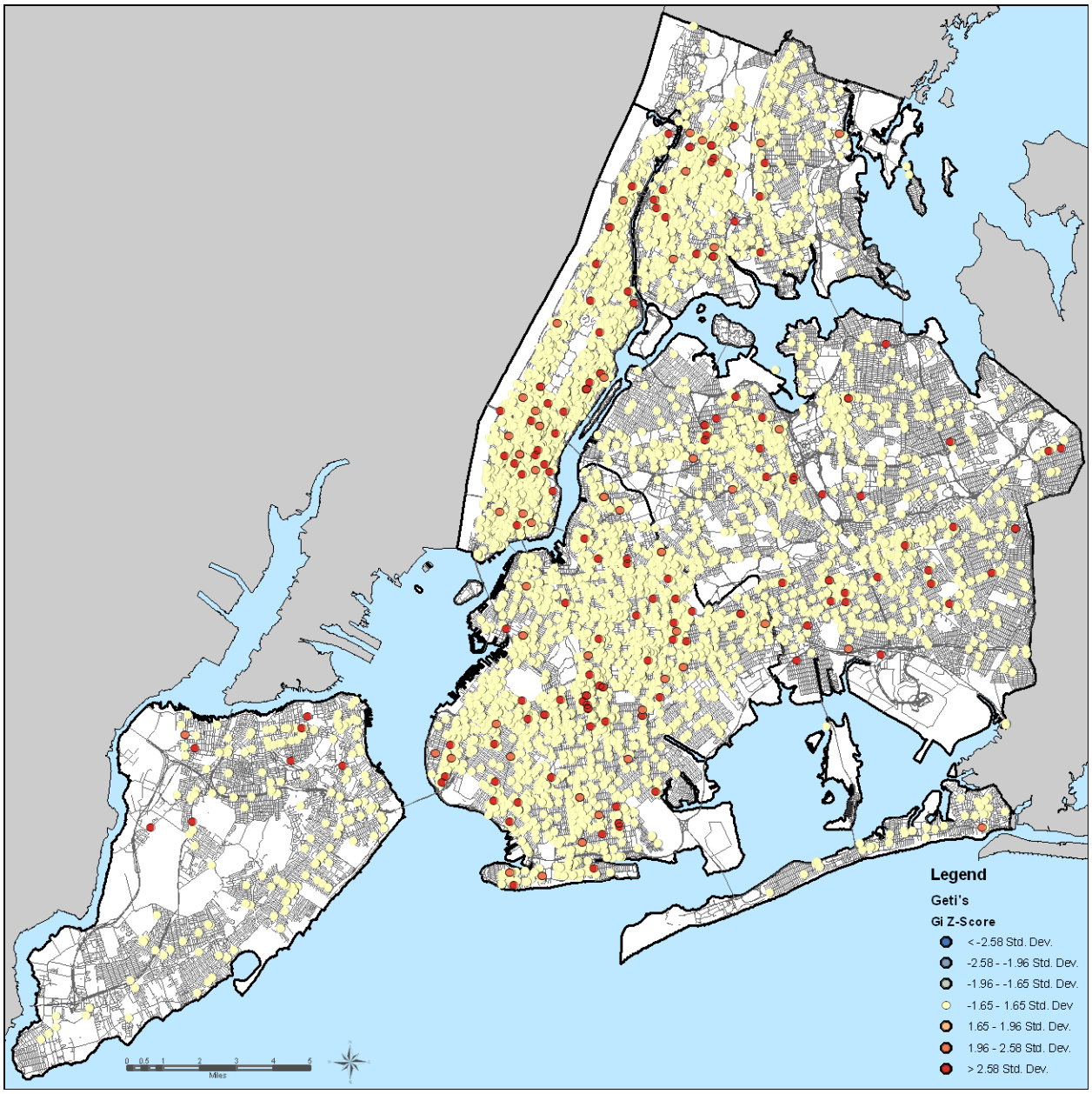


Figure A-22. Gettis' Gi* Calculation for all NYC, mean included

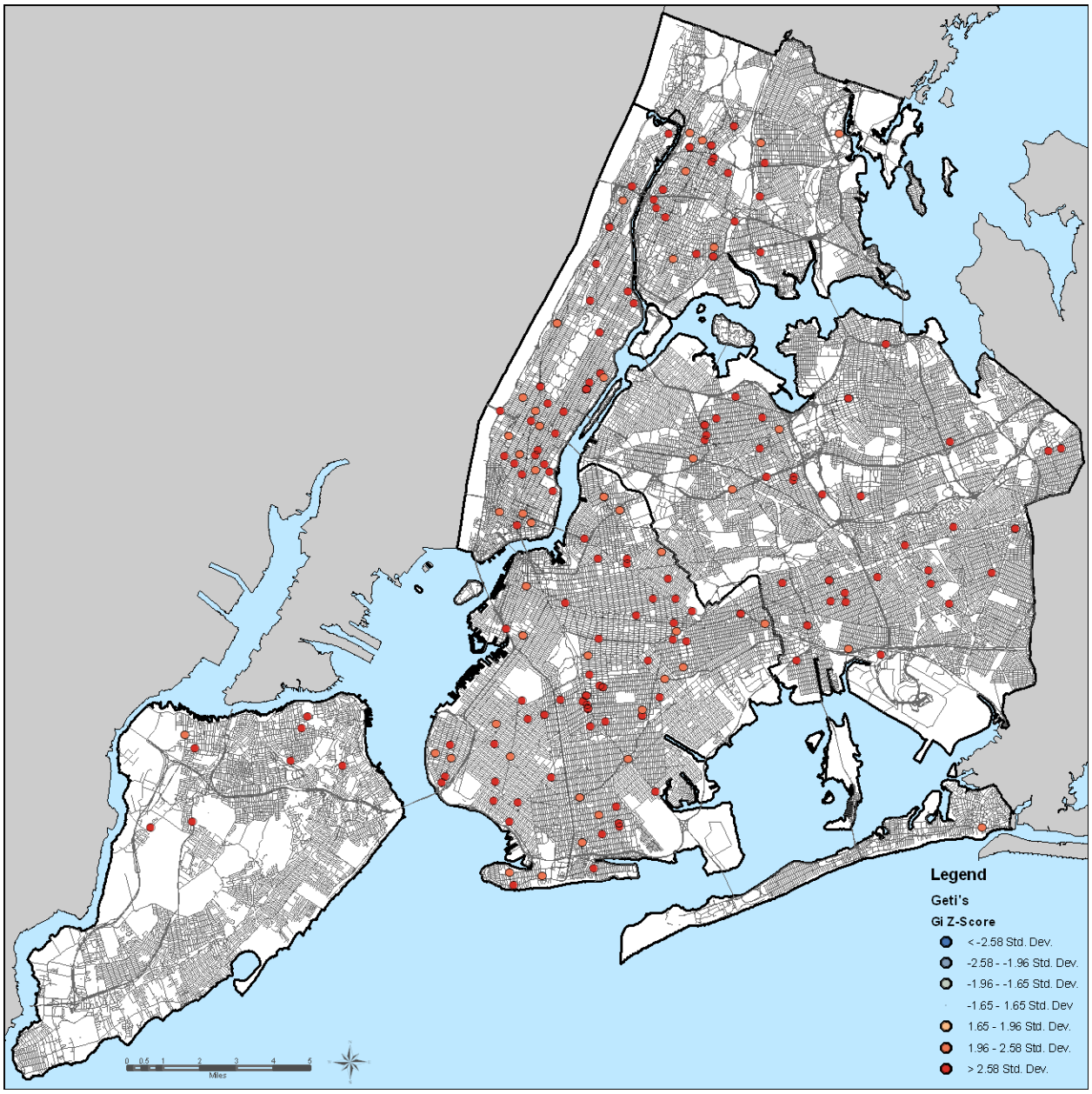


Figure A-23. Gettis' Gi* Calculation for all NYC, mean excluded

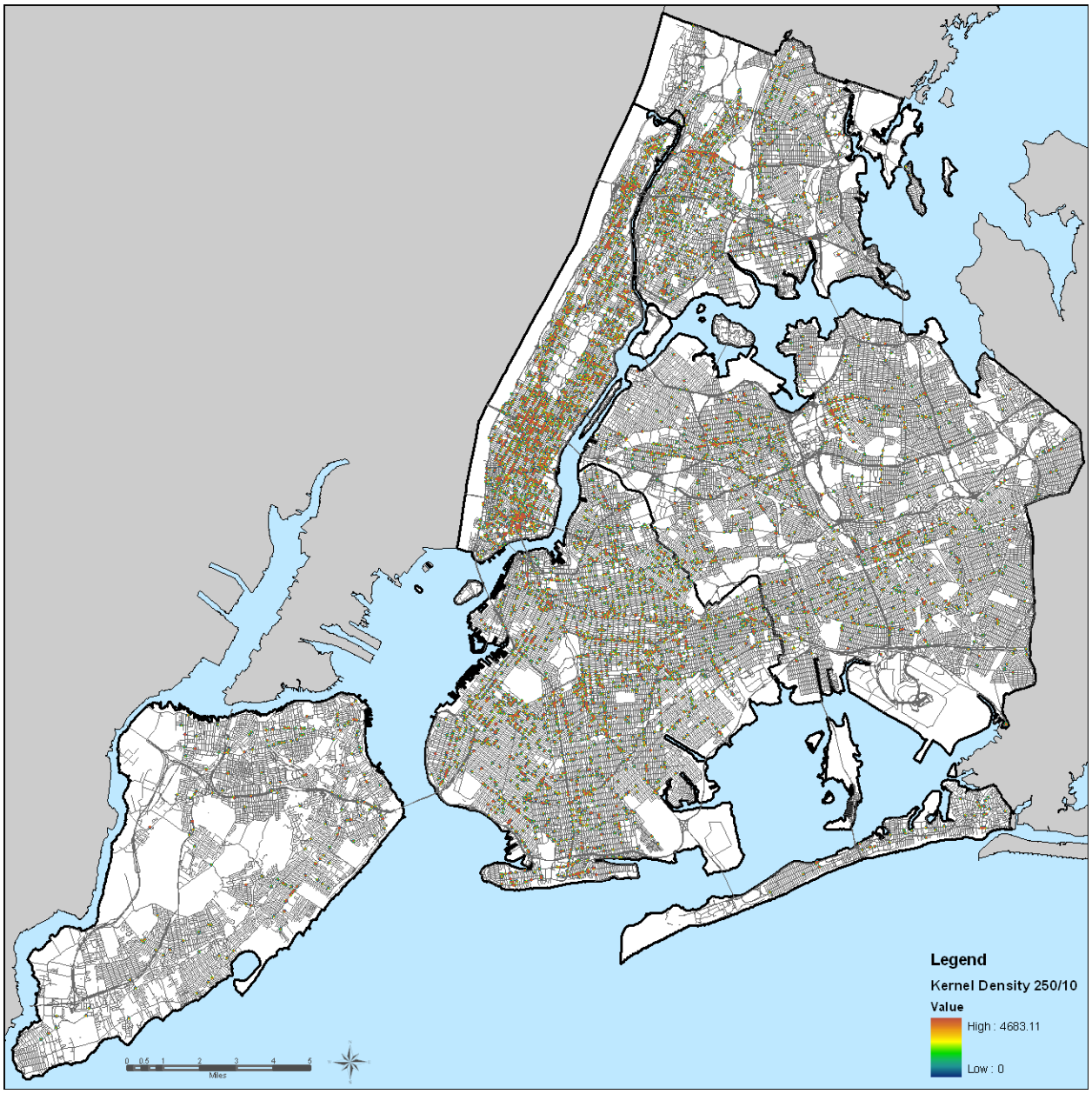


Figure A-24 Kernel Density 250' Search / 10' Grid New York City

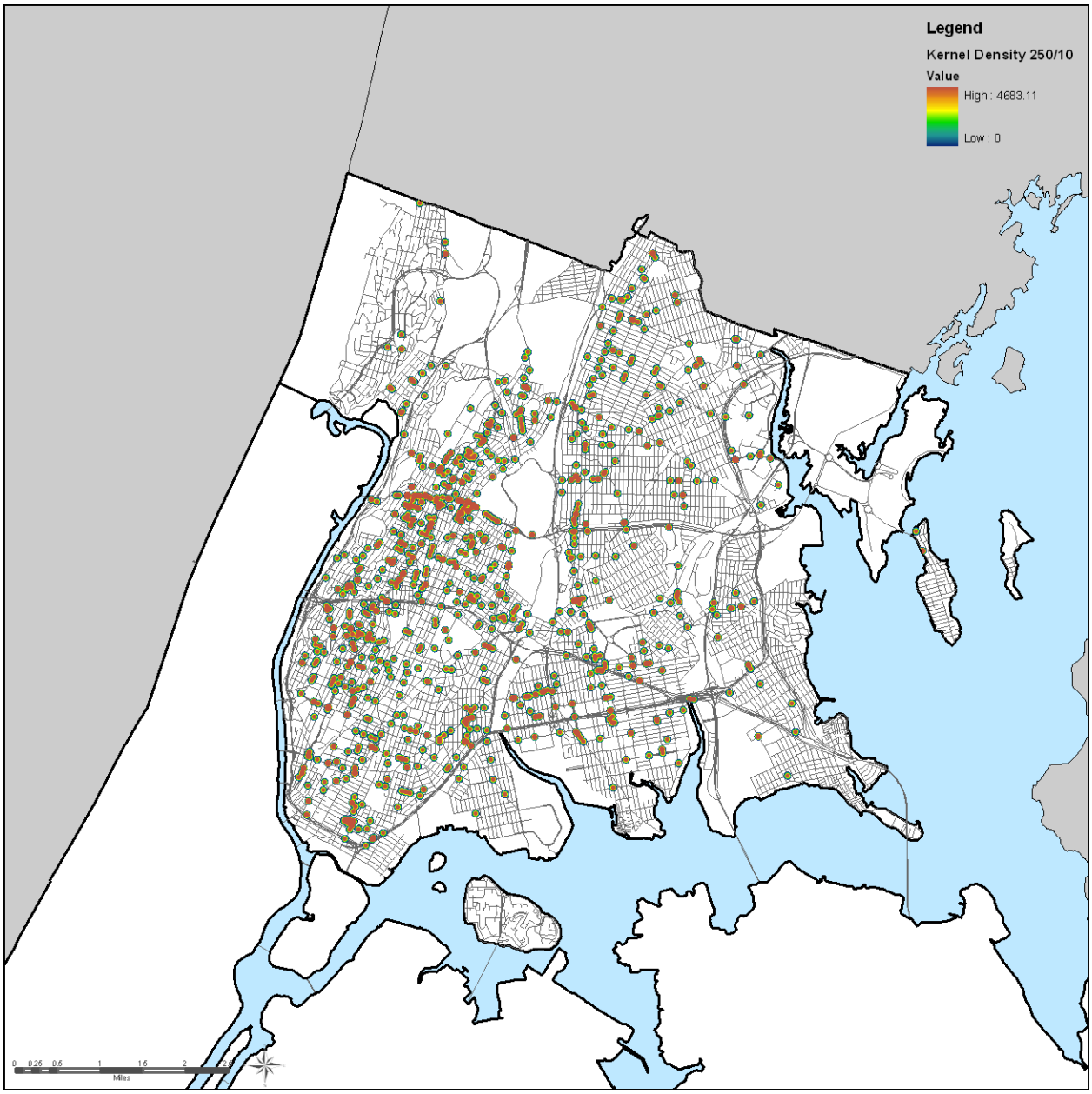


Figure A-25. Kernel Density 250' Search / 10' Grid – Bronx

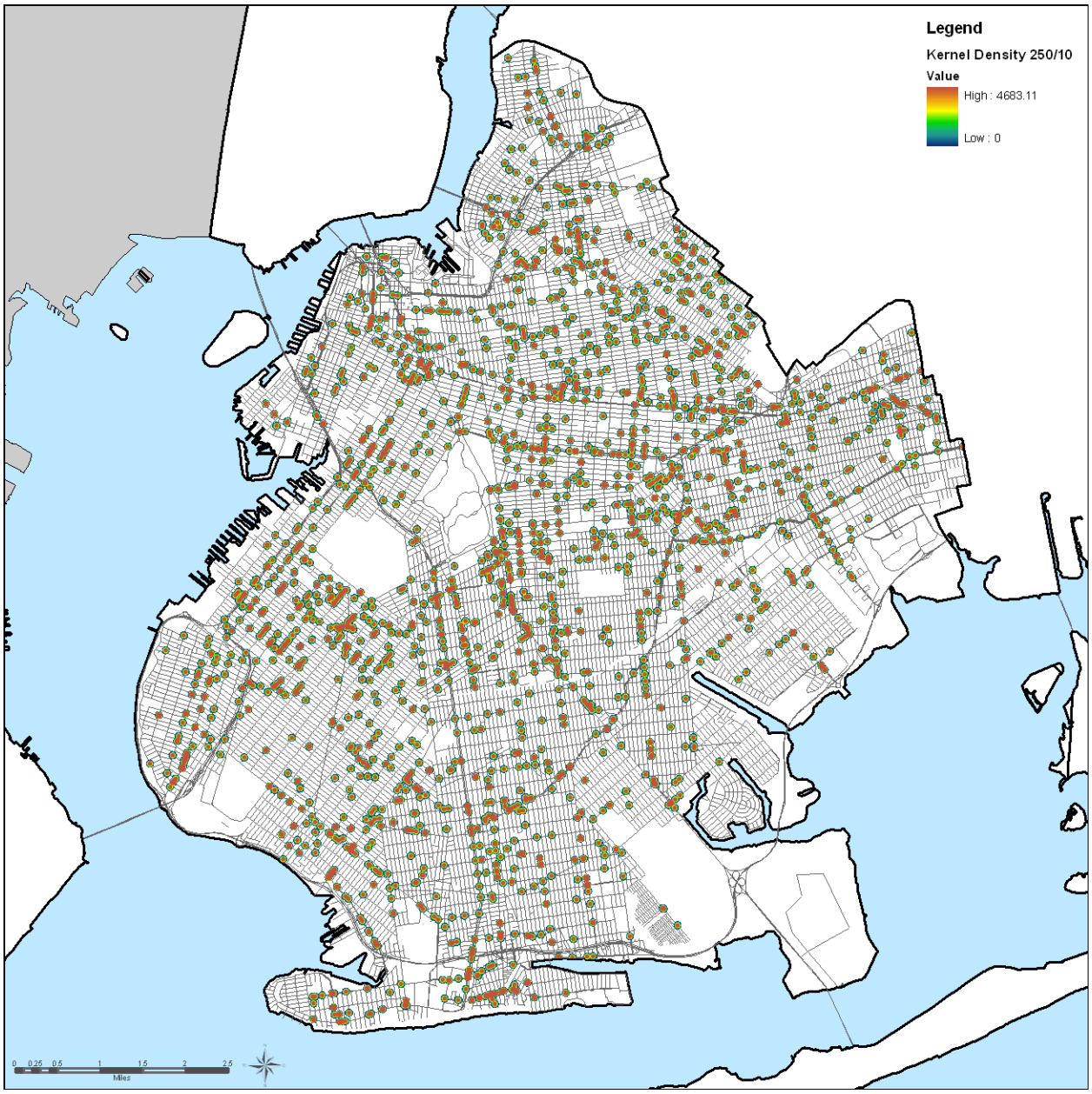


Figure A-26. Kernel Density 250' Search / 10' Grid – Brooklyn

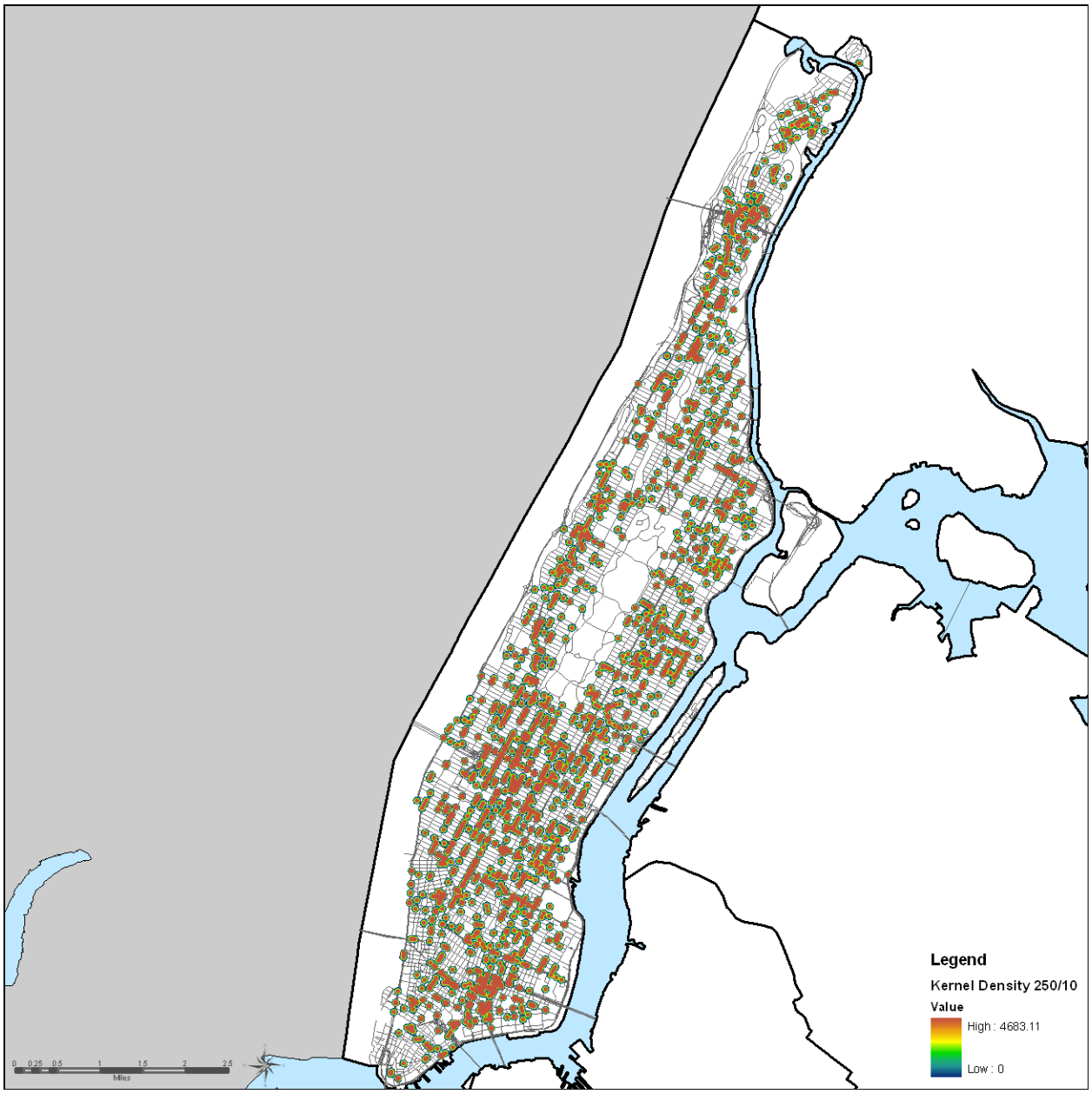


Figure A-27. Kernel Density 250' Search / 10' Grid – Manhattan

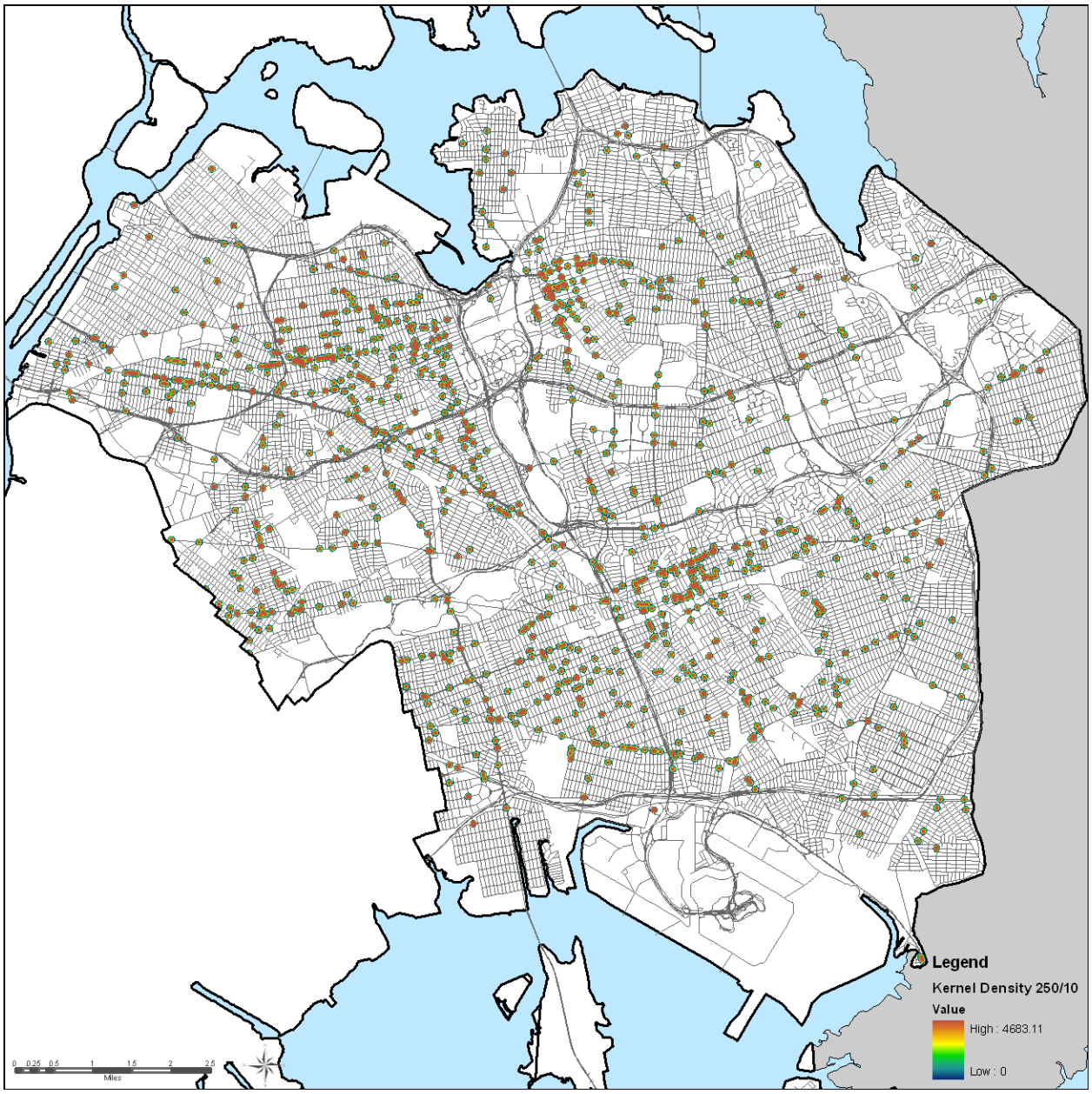


Figure A-28. Kernel Density 250' Search / 10' Grid – Queens

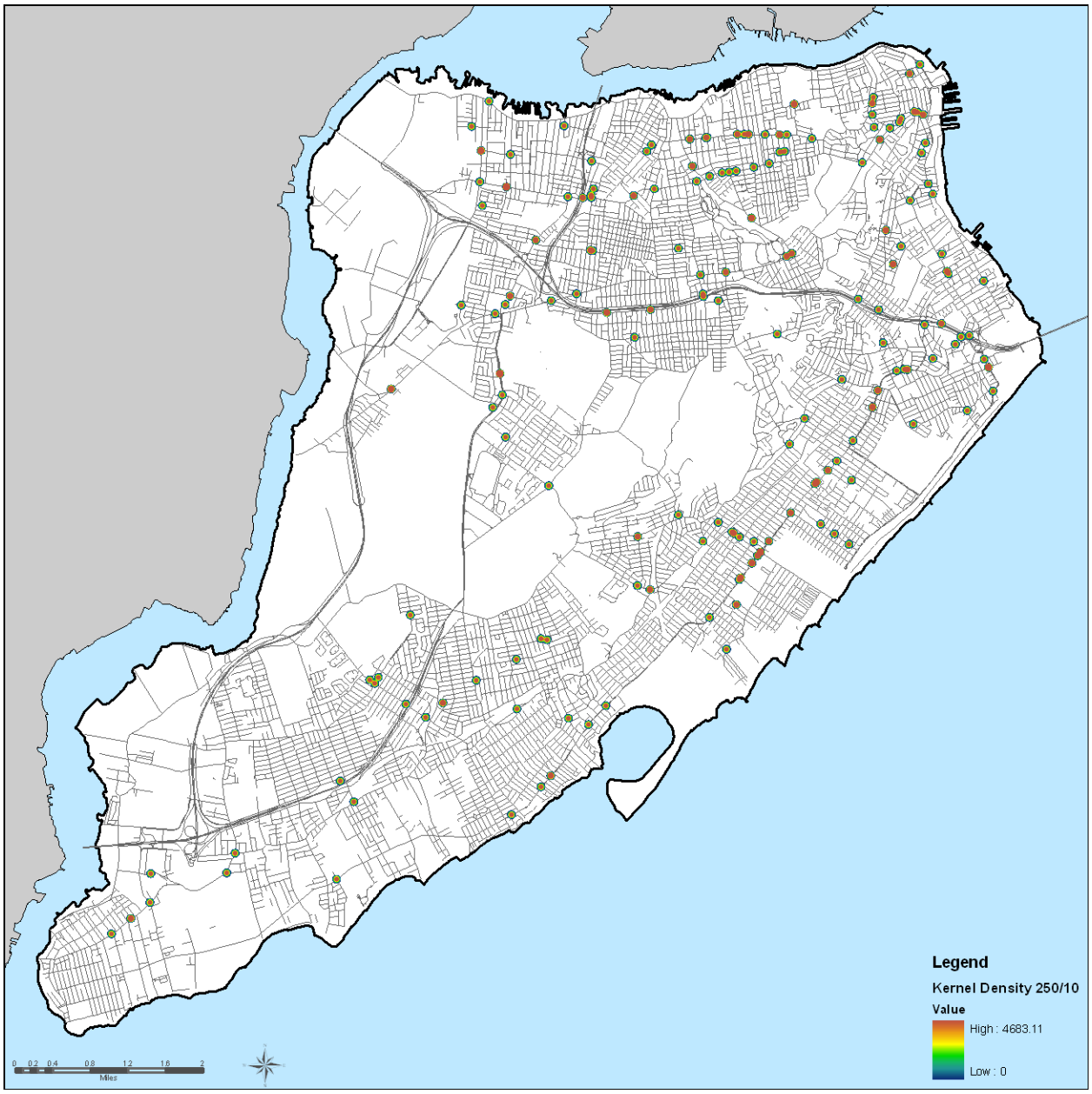


Figure A-29. Kernel Density 250' Search / 10' Grid – Staten Island

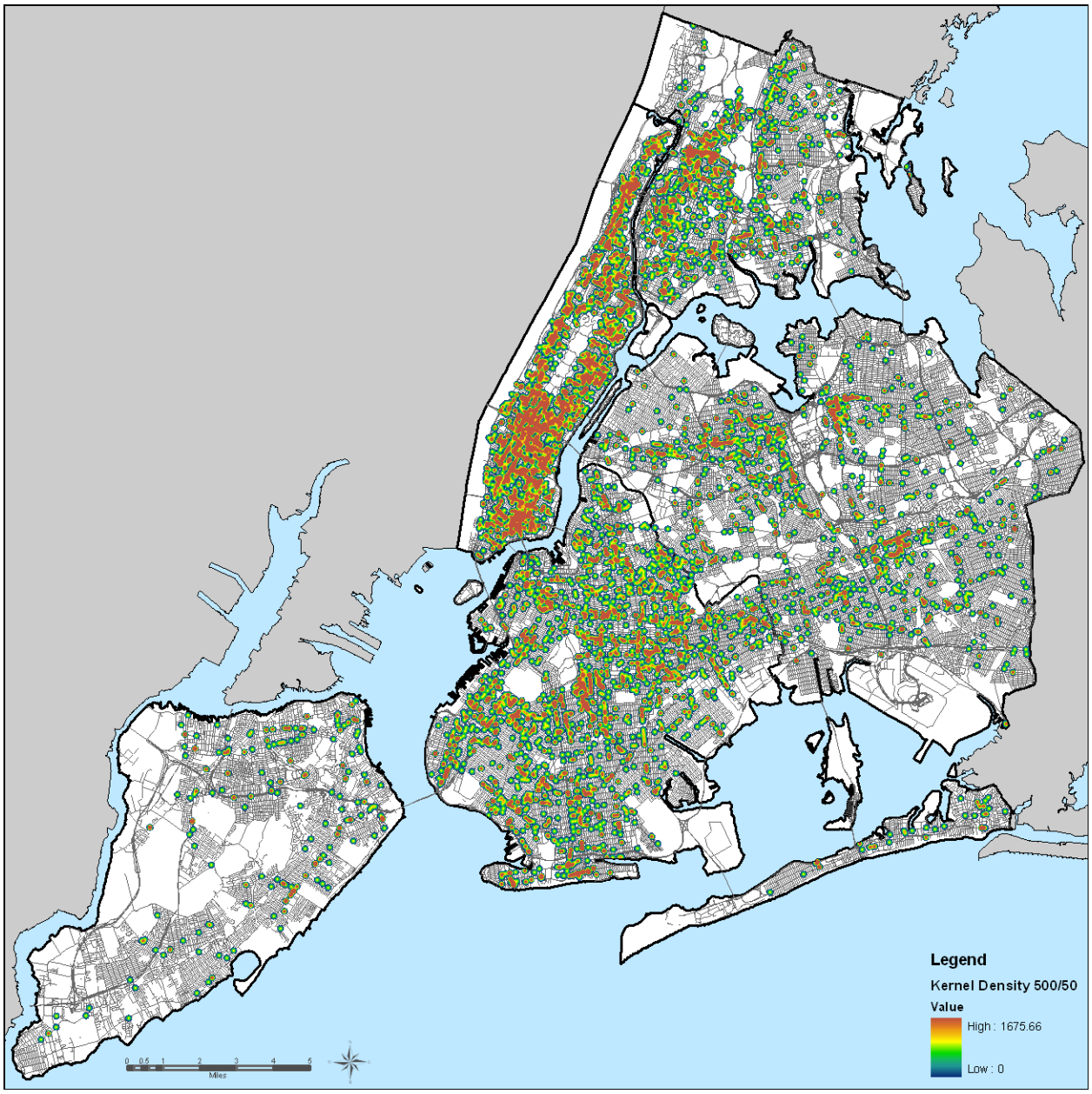


Figure A-30. Kernel Density 500' Search / 50' Grid – New York City

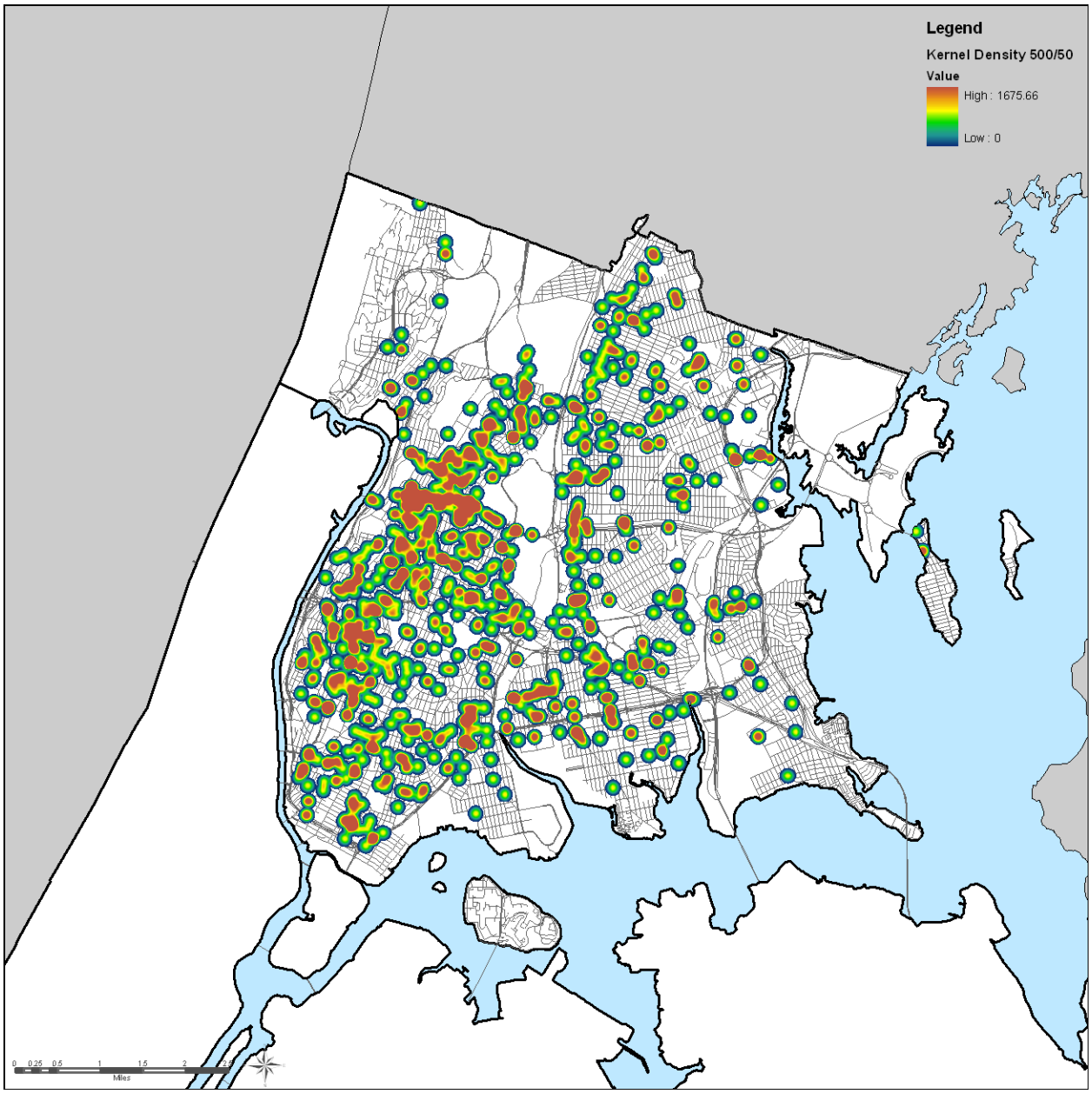


Figure A-31. Kernel Density 500' Search / 50' Grid – Bronx

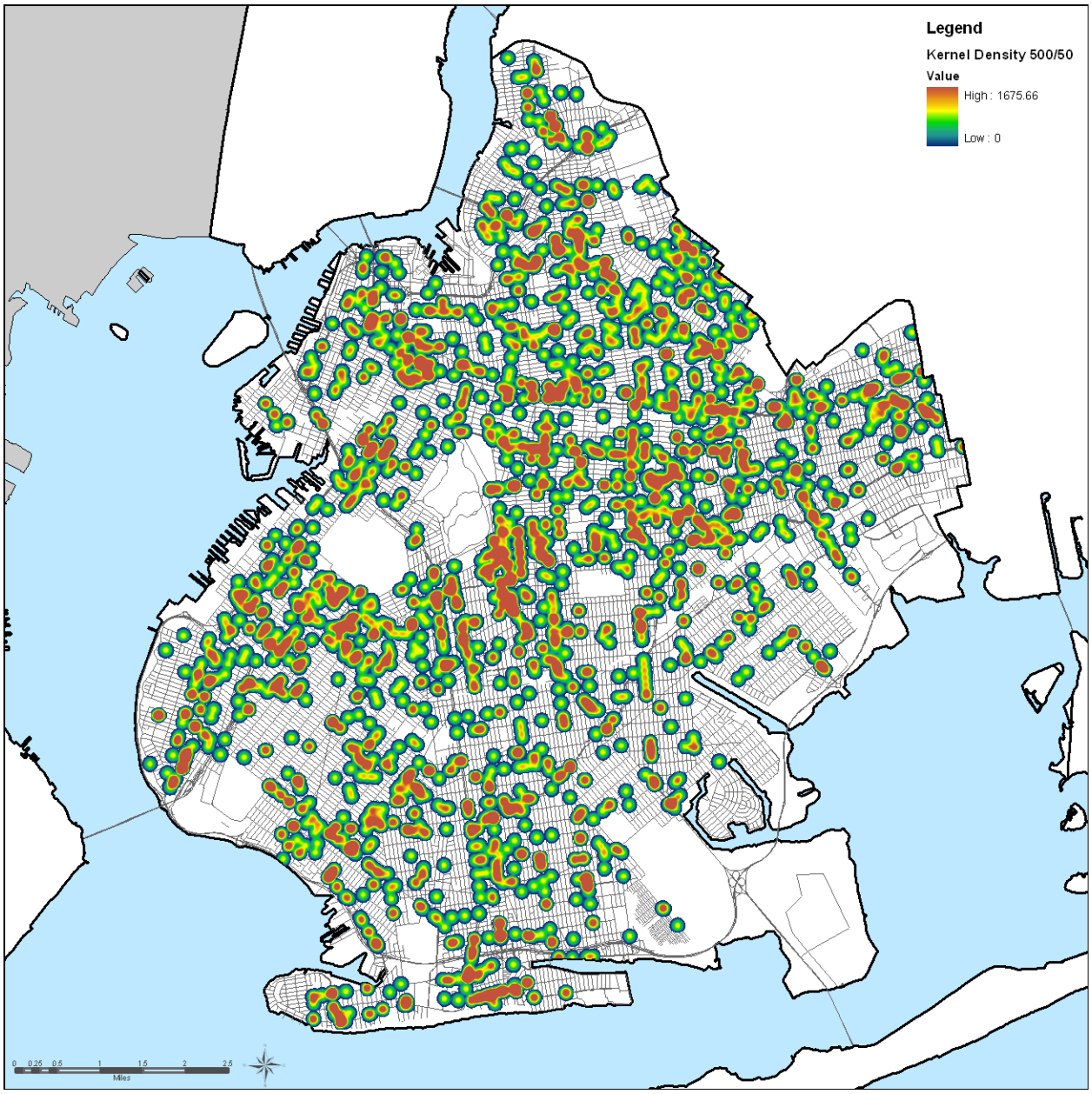


Figure A-32. Kernel Density 500' Search / 50' Grid – Brooklyn

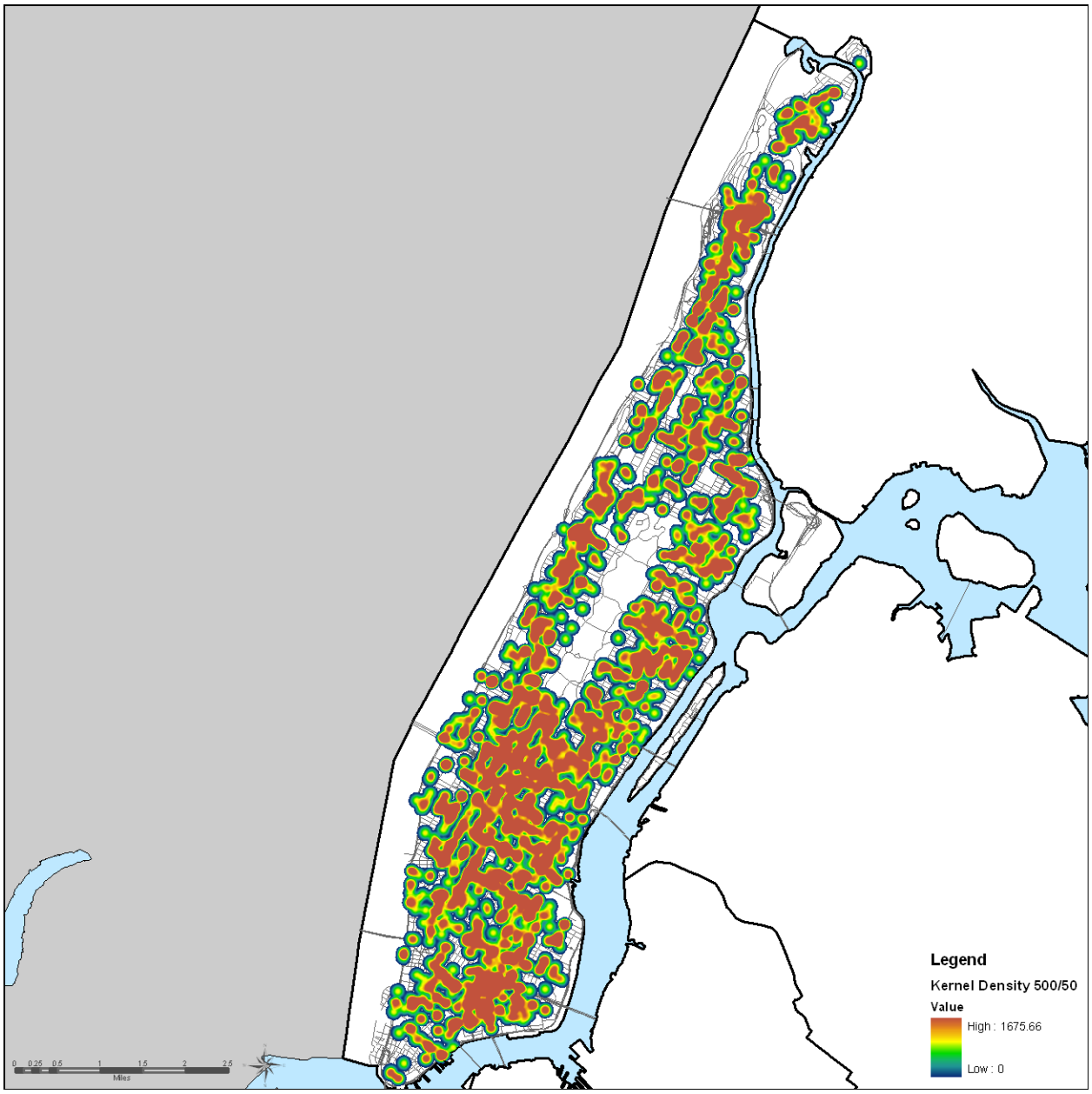


Figure A-33. Kernel Density 500' Search / 50' Grid – Manhattan

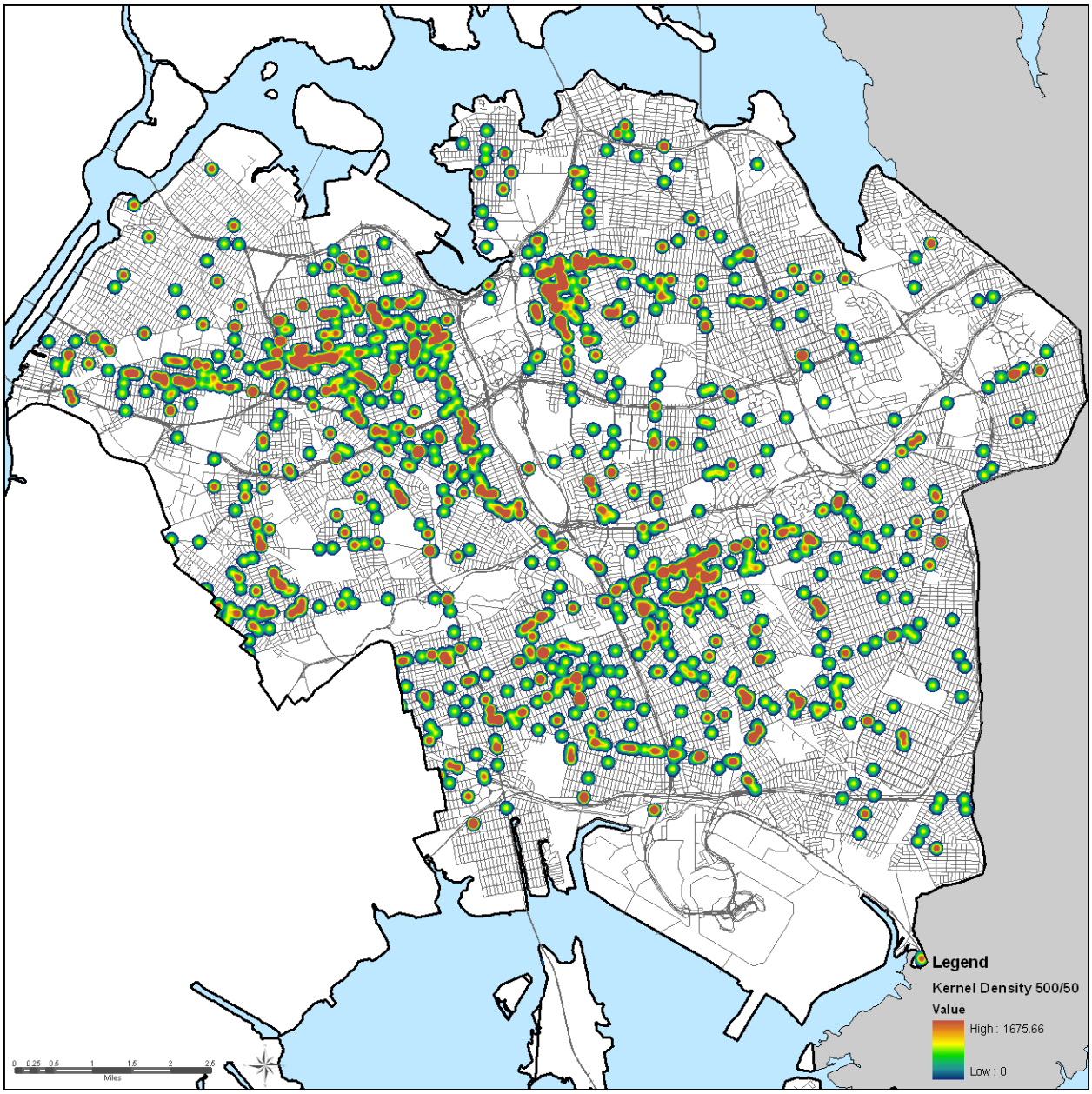


Figure A-34. Kernel Density 500' Search / 50' Grid – Queens

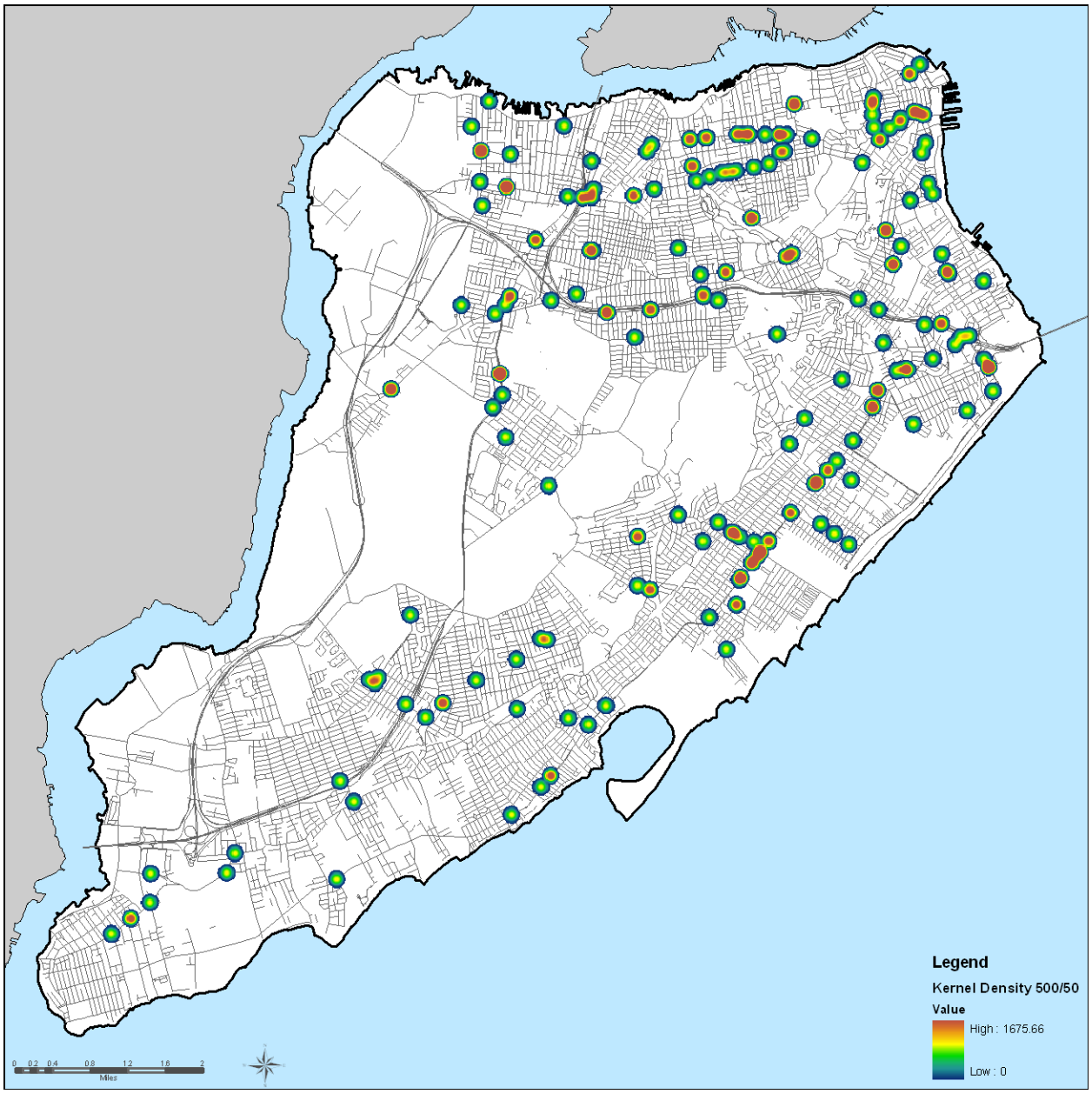


Figure A-35. Kernel Density 500' Search / 50' Grid – Staten Island

Appendix B
Model Process & Outputs

Table B-1. Fatal Crashes Controlled by Various Exposure Measures at Census Tract Level

Variable	Mean	St. Dev	COV
FC	0.2893	0.6105	2.11
FC/SQML	3.854	9.095	2.36
FC/POP2000	0.00102	0.02595	25.44
FC/POP_25T	0.000757	0.02175	28.73
FC/WRKRS_NAH	0.000463	0.005807	12.54
FC/TotalInter	0.017641	0.044574	2.53
FC/SIG	0.05525	0.15142	2.74
FC/Length	0.12742	0.33729	2.65

** FC stands for fatal crashes.
SQML is square miles in tract.
POP2000 is total population in tract in the year 2000.
POP_25T is total population over 25 years of age in the tract.
WRKRS_NAH is workers not working at home.
TotalInter is total intersections.
SIG stands for signalized intersections in the tract.
Length is total length in miles within the tract.

Table B-2. Fatal Crashes Controlled by Various Exposure Measures at Zip Code Level

Var	Mean	St. Dev.	COV
FC	3.561	3.210	0.90
FC/SQML	3.243	3.855	1.19
FC/POP2000	0.000279	0.002658	9.53
FC/POP_25T	0.000303	0.002479	8.18
FC/WRKRS_NAH	0.00051	0.004131	8.10
FC/TOT_INTER	0.01548	0.01734	1.12
FC/SIG	0.04862	0.03744	0.77
FC/LENGTH	0.09889	0.11418	1.15
FC/PAS	0.000453	0.000517	1.14
FC/pas+omt+com	0.000405	0.000423	1.04

** PAS is total passenger cars registered in the zip code.
OMT is total taxis registered at the zip code.
COM is total commercial vehicles registered at the zip code.

Table B-3. Severe Crashes Controlled by Various Exposure Measures at Census Tract Level

Variable	Mean	St. Dev	COV
SC	2.6286	3.1922	1.21
SC/SQML	37.05	49.94	1.35
SC/POP2000	0.00414	0.05101	12.32
SC/POP_25T	0.00516	0.08382	16.24
SC/WRKRS_NAH	0.00579	0.05364	9.26
SC/TotalInter	0.17128	0.24437	1.43
SC/SIG	0.4777	0.569	1.19
SC/Length	1.2615	2.1801	1.73

** SC stands for severe crashes.

Table B-4. Severe Crashes Controlled by Various Exposure Measures at Zip Code Level

Variable	Mean	St. Dev	COV
SC	32.36	26.02	0.80
SC/SQML	32.16	35.53	1.10
SC/POP2000	0.000786	0.001022	1.30
SC/POP_25T	0.001151	0.00136	1.18
SC/WRKRS_NAH	0.001972	0.002087	1.06
SC/TOT_INTER	0.1503	0.1705	1.13
SC/SIG	0.4255	0.2432	0.57
SC/LENGTH	0.9731	1.095	1.13
SC/PAS	0.004588	0.005123	1.12
SC/pas+omt+com	0.004127	0.004283	1.04

Table B-5. Intersection Types at Census Tract Level

Var	Mean	St. Dev	COV
AWS	1.5113	2.6328	1.74
SOM	16.75	21.352	1.27
SIG	5.586	4.758	0.85
3WAY_INT	12.355	16.166	1.31
4WAY_INT	10.769	8.539	0.79
5WAY_INT	0.3488	0.734	2.10

** AWS All way stop intersections
SOM Stop on minor intersections
3WAY_INT 3 approach intersections
4WAY_INT 4 approach intersections
5WAY_INT 5 approach intersections

Table B-6. Roadway Types at Census Tract Level

Var	Mean	St. Dev	COV
Length	3.895	5.695	1.46
TRAV_1	1.7983	2.1205	1.18
TRAV_2	0.9925	1.6742	1.69
TRAV_3	0.2358	0.7556	3.20
TRAV_4	0.1892	0.37982	2.01
TRAV_5	0.01591	0.07101	4.46
PRK_1	0.344	0.5803	1.69
PRK_2	2.1552	1.8075	0.84

** TRAV_1 Roadways with 1 travel lane.
TRAV_2 Roadways with 2 travel lanes.
TRAV_3 Roadways with 3 travel lanes.
TRAV_4 Roadways with 4 travel lanes.
TRAV_5 Roadways with 5 travel lanes.
PRK_1 Roadways with one parking lane.
PRK_2 Roadways with two parking lanes.
(All values in miles)

Table B-7. Intersection Types at Zip Code Level

Var	Mean	St. Dev	COV
AWS	18.61	18.5	0.99
SOM	206.2	195.5	0.95
SIG	68.77	44.44	0.65
3WAY_INT	152.1	131.14	0.86
4WAY_INT	132.57	83.71	0.63
5MWAY_INT	4.294	3.692	0.86

Table B-8. Roadway Type at Zip Code Level

Var	Mean	St. Dev	COV
Length	47.95	35.58	0.74
TRAV_1	22.14	16.1	0.73
TRAV_2	12.218	11.122	0.91
TRAV_3	2.903	2.993	1.03
TRAV_4	2.329	2.21	0.95
TRAV_5	0.1959	0.3624	1.85
PRK_1	4.235	3.662	0.86
PRK_2M	26.53	18.17	0.68

Table B-9. Transit Density at Census Tract Level

VAR	MEAN	St. Dev.	COV
Sub_St	0.2207	0.538	2.44
Sub_Rdr	996798	5656165	5.67
Bus_Rts	8.493	12.195	1.44
Bus_AMcap	331.6	734.6	2.22
Bus_Stops	7.114	5.922	0.83

** Sub_St Number of Subway Stations in tract
Sub_Rdr Yearly Subway ridership in tract
Bus_Rts Miles of bus routes in tract
Bus_AMcap AM capacity per hour in tract
Bus_Stops Number of bus stops in tract

Table B-10. Transit Density at Zip Code Level

VAR	MEAN	St. Dev.	COV
Sub_St	2.717	2.66	0.98
Sub_Rdr	12271685	24823320	2.02
Bus_Rts	104.56	84.44	0.81
Bus_AMcap	4083	4861	1.19
Bus_Stops	87.58	51.73	0.59

Table B-11. Descriptive Statistics for Selected Model Variables

Variable	Description	Units	Zip Code Level		Census Tract Level	
			Mean	Std. Dev.	Mean	Std. Dev.
Dependent Variables						
FATALCRA	Severe Accidents	Number of Crashses	3.443	3.278	0.289	0.611
SEVERECRA	Fatal Accidents	Number of Crashses	30.198	25.704	2.628	3.192
TOTALCRA	Total Accidents	Number of Crashses	33.642	28.138	0.917	3.454
Exposure Variables						
POP2000	Population of 2000	Total Population	41882.100	26410.400	3613.840	2462.590
SIG	Signalized Intersections	Total Signalized Intersections	62.991	40.943	5.586	4.758
Socio-demographic Variables						
BL_POP	Black/Population Ratio	Total Black Pop./Total Population	0.240	0.277	0.278	0.322
HIS_POP	Hispanic/Population Ratio	Total Hipanic Pop./Total Population	0.217	0.194	0.247	0.225
NS25_POP	No Education/Population	Non Educated Pop./Total Population	0.017	0.012	0.019	0.023
HSG_POP	High School Grad/Population	High School Grad Pop./Total Pop.	0.301	0.116	0.322	0.108
MED_AGE	Median Age	Median Age Population	0.023	0.133	0.109	1.187
Land Use Variables						
RES_LU	Residential Land Use/ Total Land Use	Square Foot of Land Use	0.247	0.183	0.326	0.207
COMOF_LU	Commercial Land Use/Total Land Use	Square Foot of Land Use	0.035	0.049	0.040	0.017
IND_LU	Industrial Land Use/ Total Land Use	Square Foot of Land Use	0.044	0.068	0.039	0.065
OPEN_LU	Open Land Use/Total Land Use	Square Foot of Land Use	0.034	0.050	0.026	0.082
SUM_OFFI	Office Space/Total Area	Square Foot of Area	0.296	1.258	0.135	0.691
SUM_RETA	Retail Space/Total Area	Square Foot of Area	0.051	0.016	0.058	0.281
SCHOOLS	Total Number of Schools	Number of Schools	12.311	9.004	1.062	1.405
PARKS	Total Number of Parks	Number of Parks	19.736	14.700	1.662	2.724
PRK_ACRE	Total Acres of Parks	Total Number of Acres of Parks	140.138	394.071	13.683	105.872
Road Netowrk and Travel Characteristics						
FCC_A1	Primary Hgwy/Total Length	Length of Roadways in Miles	0.052	0.061	0.032	0.089
FCC_A2	Primary Road/Total Length	Length of Roadways in Miles	0.036	0.054	0.030	0.117
FCC_A4	Local-Rural Road/Length	Length of Roadways in Miles	0.756	0.261	1.081	1.294
FCC_A7	Other Throughfare/Length	Length of Roadways in Miles	0.038	0.041	0.042	0.084
TRAV_1	One Lane/Length	Length of Roadways in Miles	0.465	0.147	0.517	0.201
TRAV_2	Two Lanes/Length	Length of Roadways in Miles	0.239	0.091	0.256	0.152
TRAV_4	Four Lanes/Length	Length of Roadways in Miles	0.057	0.054	0.063	0.096
TRAV_5	Five Lanes/Length	Length of Roadways in Miles	0.065	0.014	0.049	0.023
PRK_1	One Parking Lane/Length	Length of Roadways in Miles	0.100	0.067	0.085	0.102
W_LT_30	Less 30ft Width/Length	Length of Roadways in Miles	0.299	0.165	0.238	0.214
W_40_49	40 to 49ft Width/Length	Length of Roadways in Miles	0.113	0.065	0.141	0.124
W_50_59	50 to 59ft Width/Length	Length of Roadways in Miles	0.047	0.036	0.043	0.070
INT_3W	3Way Intersections	Number of 3 Approach Intersections	149.736	122.589	12.355	16.167
INT_5W	5Way Intersections	Number of 5 Approach Intersections	4.255	3.074	0.349	0.734
AWS	All Way Stop	Number of All Way Stop Intersections	17.142	16.698	1.511	2.633
SIG_DEN	Signalized Intersections/Total Inter	Number of Signalized/Total Intersection	0.318	0.282		
Vehicle Variables						
BUS_LENG	Bus Length/Length	Length of Bus Routes in Miles/Total Miles	2.617	2.565	2.979	5.102
BUS_RTS	Total Bus Stops	Length of Bus Routes in Miles	0.734	0.213	8.493	12.195
SBRDR	Subway Ridership/Population	Yearly Subway Ridership	1077.300	4970.110	2133.190	12.195
COM	Commercial Vehicles	Total Number of Commercial Vehicles	369.104	503.024		

B.2 Correlations Among Independent Variables

Table B-12 Zip Code Level Subsets Correlations

Subset 1 - Variable Subset for Zip Code Aggregation Level											
	POP2000	BL_POP	FCC_A2	FCC_A1	SUM_OFFI	W_LT_30	W_40_49	W_50_59	COM	MED_AGE	PARKS
POP2000	1.00	0.16	-0.02	-0.12	-0.24	-0.31	0.32	0.02	0.10	-0.16	0.36
BL_POP	0.16	1.00	-0.05	-0.12	-0.13	-0.19	0.13	-0.09	-0.17	-0.07	0.18
FCC_A2	-0.02	-0.05	1.00	0.27	0.27	-0.02	0.05	0.15	0.02	-0.06	-0.06
FCC_A1	-0.11	-0.04	0.00	1.00	-0.07	0.21	0.06	0.17	-0.05	0.05	0.01
SUM_OFFI	-0.23	-0.13	0.27	-0.07	1.00	0.27	-0.11	0.00	-0.06	-0.01	-0.17
W_LT_30	-0.30	-0.19	-0.02	0.22	0.27	1.00	-0.16	-0.05	-0.04	0.14	0.06
W_40_49	0.32	0.13	0.05	0.06	-0.12	-0.16	1.00	0.04	0.14	-0.01	0.01
W_50_59	0.01	-0.09	0.16	0.16	-0.01	-0.05	0.04	1.00	0.01	-0.01	0.02
COM	0.09	-0.16	0.02	-0.04	-0.06	-0.03	0.14	0.01	1.00	-0.01	0.23
MED_AGE	-0.16	-0.07	-0.05	0.05	0.00	0.14	0.00	-0.01	-0.02	1.00	-0.12
PARKS	0.36	0.18	-0.07	0.01	-0.17	0.06	0.01	0.03	0.24	-0.12	1.00

Subset 2 - Variable Subset for Zip Code Aggregation Level									
	POP2000	NS25_POP	BL_POP	INT_5W	TRAV_1	TRAV_2	SUBRDR	SIG_DEN	BUS_RTS
POP2000	1.00	0.33	0.16	0.19	0.13	0.05	-0.28	0.29	0.35
NS25_POP	0.33	1.00	0.02	0.19	0.04	0.15	-0.10	0.24	0.06
BL_POP	0.16	0.02	1.00	0.06	0.10	0.14	-0.11	0.02	-0.07
INT_5W	0.19	0.19	0.06	1.00	0.07	0.22	-0.13	-0.10	0.27
TRAV_1	0.13	0.04	0.10	0.07	1.00	0.02	-0.11	-0.22	0.04
TRAV_2	0.05	0.14	0.14	0.22	0.02	1.00	0.27	-0.01	0.13
SUBRDR	-0.28	-0.10	-0.11	-0.13	-0.11	0.27	1.00	0.17	-0.03
SIG_DEN	0.28	0.24	0.02	-0.10	-0.22	-0.02	0.17	1.00	0.01
BUS_RTS	0.35	0.06	-0.07	0.27	0.42	0.13	-0.03	0.02	1.00

Table B-13 Census Tract Level Subsets Correlations

Subset 1 - Final Variable Subset for Tract Aggregation Level

	BL_POP	HIS_POP	MED_AGE	HS25_POP	HSG_POP	RES_LU	IMD_LU	OPEN_LU	SCHOOLS	PRK_ACRE	AWS	SNG	IMT_3W	IMT_5W	FCC_A1	FCC_A2	FCC_A4	FCC_A7	TRAV_2	TRAV_4	TRAV_5	PRK_1	SUBRDR	BUS_LEING	POP2000
BL_POP	1.00	-0.09	0.05	-0.06	0.15	0.04	-0.11	0.01	0.02	-0.04	-0.09	-0.08	-0.09	-0.02	-0.07	0.01	0.05	-0.03	0.09	-0.02	-0.08	0.03	0.01	-0.06	-0.06
HIS_POP	-0.09	1.00	-0.04	0.30	0.30	-0.26	0.01	0.01	0.09	-0.04	-0.06	0.02	-0.13	-0.03	0.08	0.04	-0.02	-0.16	-0.03	0.07	-0.07	0.05	-0.02	-0.01	0.14
MED_AGE	0.05	-0.04	1.00	-0.06	-0.21	-0.13	0.08	0.09	-0.04	0.05	-0.03	0.03	0.05	0.01	0.09	0.03	-0.04	0.04	-0.01	-0.01	-0.01	-0.01	0.09	0.00	-0.12
HS25_POP	-0.05	0.30	-0.06	1.00	0.26	-0.09	-0.01	-0.05	0.04	-0.02	-0.04	0.02	-0.08	-0.02	0.01	-0.01	0.02	-0.05	0.04	0.02	-0.03	-0.01	-0.04	-0.03	0.07
HSG_POP	0.14	0.30	-0.21	0.26	1.00	0.20	-0.13	-0.09	-0.01	-0.03	0.06	-0.11	-0.03	-0.02	-0.07	-0.09	0.07	0.02	0.09	-0.09	-0.16	-0.06	-0.01	-0.11	0.03
RES_LU	0.04	-0.26	-0.13	-0.09	0.21	1.00	-0.31	-0.24	-0.16	-0.10	0.21	-0.31	-0.03	-0.12	-0.23	-0.15	0.15	0.14	-0.01	-0.23	-0.13	-0.17	-0.10	-0.21	-0.08
IMD_LU	-0.10	0.01	0.08	-0.01	-0.13	-0.31	1.00	-0.06	-0.01	-0.04	-0.05	0.26	-0.07	0.03	-0.05	0.19	-0.04	-0.06	-0.01	0.27	0.09	0.17	0.20	0.34	-0.02
OPEN_LU	0.01	0.01	0.09	-0.05	-0.09	-0.24	-0.07	1.00	-0.01	0.22	-0.06	0.15	0.29	0.15	0.06	-0.02	-0.09	0.01	-0.04	-0.06	-0.02	-0.01	0.08	-0.05	-0.09
SCHOOLS	0.02	0.08	-0.04	0.04	-0.01	-0.16	-0.01	-0.02	1.00	-0.01	-0.01	0.21	0.04	0.02	-0.03	0.01	-0.02	-0.11	0.01	0.03	0.04	0.02	-0.02	-0.02	0.27
PRK_ACRE	-0.04	-0.04	0.04	-0.02	-0.03	-0.10	-0.04	0.22	-0.01	1.00	0.02	0.16	0.29	0.14	0.04	-0.01	-0.05	0.02	-0.01	-0.04	-0.02	-0.02	0.06	-0.03	-0.01
AWS	-0.08	-0.06	-0.03	-0.04	0.05	0.21	0.25	-0.06	-0.01	0.02	1.00	-0.08	0.21	0.09	-0.03	-0.01	-0.02	-0.01	-0.01	-0.16	-0.07	-0.01	-0.02	-0.09	0.08
SNG	-0.08	0.02	0.03	0.01	-0.11	-0.31	-0.07	0.14	0.21	0.16	-0.08	1.00	0.30	0.23	0.20	0.13	-0.11	-0.13	0.02	0.18	0.15	0.06	0.21	0.08	0.27
IMT_3W	-0.09	-0.12	0.05	-0.08	-0.01	-0.03	0.03	0.29	0.04	0.30	0.21	0.30	1.00	0.31	0.14	-0.03	-0.14	0.06	0.01	-0.14	-0.06	0.14	0.11	-0.09	0.09
IMT_5W	-0.02	-0.03	0.01	-0.02	-0.02	-0.12	-0.05	0.15	0.02	0.15	0.09	0.23	0.31	1.00	0.14	0.02	-0.10	-0.02	0.06	-0.02	-0.01	0.15	0.03	-0.04	0.03
FCC_A1	-0.07	0.07	0.09	0.01	-0.07	-0.23	0.00	0.06	-0.33	0.04	-0.03	0.02	0.14	0.13	1.00	-0.02	-0.11	-0.06	0.18	-0.11	-0.02	0.06	-0.01	0.13	-0.05
FCC_A2	0.01	0.04	0.03	-0.01	-0.09	-0.15	0.19	-0.03	0.01	-0.01	-0.01	0.13	-0.02	-0.02	-0.02	1.00	0.08	-0.05	-0.01	0.12	0.07	0.09	0.05	0.24	0.08
FCC_A4	0.05	-0.02	-0.04	0.02	0.07	0.15	-0.04	-0.09	-0.02	-0.05	-0.02	-0.11	-0.14	-0.11	-0.12	0.08	1.00	0.03	0.01	0.17	-0.04	-0.08	-0.02	0.27	-0.04
FCC_A7	-0.03	-0.16	0.04	-0.05	0.02	0.14	-0.06	0.01	-0.10	0.02	-0.01	-0.13	0.06	-0.02	-0.06	-0.05	0.03	1.00	-0.05	-0.11	-0.06	-0.09	-0.01	0.02	-0.07
TRAV_2	0.08	-0.03	-0.01	0.04	0.09	-0.01	-0.01	-0.04	0.01	-0.01	-0.01	0.02	0.01	0.06	0.02	-0.01	0.01	-0.05	1.00	-0.23	-0.12	0.03	0.01	-0.07	-0.04
TRAV_4	-0.02	0.06	-0.01	0.02	-0.09	-0.24	0.27	-0.05	0.03	-0.04	-0.02	0.18	-0.14	-0.01	-0.01	0.12	0.18	-0.11	-0.23	1.00	0.03	-0.03	0.05	0.27	0.10
TRAV_5	-0.08	-0.07	-0.01	-0.03	-0.16	-0.13	0.09	-0.02	0.05	-0.02	-0.07	0.15	-0.06	-0.01	-0.01	0.06	-0.04	-0.06	-0.12	0.03	1.00	-0.04	0.01	0.12	0.09
PRK_1	0.03	0.05	-0.01	-0.02	-0.06	-0.18	0.17	-0.01	0.02	-0.02	-0.01	0.06	0.14	0.15	0.06	0.10	-0.08	-0.09	0.03	-0.02	-0.04	1.00	0.05	0.14	0.40
SUBRDR	0.01	-0.02	0.09	-0.04	-0.01	-0.09	0.20	0.08	-0.02	0.06	-0.02	0.21	0.11	0.03	-0.01	0.05	-0.02	-0.01	0.01	0.05	0.01	0.05	1.00	0.10	-0.08
BUS_LEING	-0.06	-0.01	-0.01	-0.03	-0.11	-0.21	0.33	-0.05	-0.02	-0.03	-0.09	0.09	-0.09	-0.04	0.13	0.24	0.27	0.02	-0.07	0.27	0.12	0.14	0.10	1.00	-0.04
POP2000	-0.06	0.15	-0.12	0.07	0.03	-0.08	-0.02	-0.09	0.27	-0.01	0.08	0.27	0.09	0.03	-0.05	0.08	-0.04	-0.08	-0.04	0.10	0.09	0.04	-0.08	-0.04	1.00

Subset 2 - Final Variable Subset for Tract Aggregation Level

	BL_POP	HIS_POP	MED_AGE	HS25_POP	HSG_POP	RES_LU	COMOF_LU	SUM_OFFI	SUM_RETA	PARKS	SCHOOLS	W_LT30	W_50_59	SUBRDR	IIIT_5W	FCC_A4	FCC_A7	POP2000	AWS	SIG
BL_POP	1.00	-0.10	0.05	-0.06	0.15	0.05	-0.09	-0.09	-0.06	0.01	0.02	-0.07	0.01	0.01	-0.02	0.04	-0.03	-0.06	-0.09	-0.08
HIS_POP	-0.10	1.00	-0.04	0.30	0.30	-0.26	0.11	-0.08	-0.03	0.03	0.08	0.01	-0.06	-0.02	-0.03	-0.02	-0.16	0.14	-0.06	0.02
MED_AGE	0.05	-0.04	1.00	-0.06	-0.21	-0.13	-0.06	-0.01	0.01	-0.01	-0.04	0.09	0.01	0.09	0.01	-0.04	0.04	-0.12	-0.03	0.03
HS25_POP	-0.06	0.30	-0.06	1.00	0.26	-0.09	0.10	-0.07	-0.02	-0.01	0.04	0.03	-0.03	-0.04	-0.02	0.02	-0.05	0.07	-0.04	0.02
HSG_POP	0.15	0.30	-0.20	0.26	1.00	0.20	-0.11	-0.22	-0.13	-0.02	-0.01	-0.07	-0.12	-0.01	-0.02	0.06	0.01	0.03	0.06	-0.11
RES_LU	0.04	-0.26	-0.13	-0.09	0.21	1.00	-0.25	-0.24	-0.15	-0.20	-0.16	-0.27	-0.22	-0.10	-0.12	0.15	0.13	-0.08	0.21	-0.31
COMOF_LU	-0.09	0.12	-0.06	0.10	-0.12	-0.25	1.00	0.06	0.12	-0.06	0.13	-0.08	0.07	-0.03	-0.08	-0.01	-0.11	0.37	-0.14	0.20
SUM_OFFI	-0.09	-0.09	-0.01	-0.07	-0.22	-0.24	0.06	1.00	0.27	-0.02	-0.01	-0.04	0.15	0.28	0.01	-0.03	-0.04	-0.06	-0.03	0.18
SUM_RETA	-0.06	-0.03	0.01	-0.02	-0.13	-0.15	0.12	0.27	1.00	-0.03	0.02	-0.07	0.11	0.06	-0.02	-0.01	-0.04	0.04	-0.06	-0.06
PARKS	0.01	0.03	-0.01	-0.01	-0.02	-0.20	-0.06	-0.02	-0.03	1.00	0.15	0.17	0.06	0.02	0.32	-0.11	-0.03	0.13	0.08	0.08
SCHOOLS	0.02	0.09	-0.04	0.40	-0.01	-0.16	0.12	-0.01	0.02	0.16	1.00	-0.06	0.07	-0.02	0.02	-0.02	-0.11	0.27	-0.01	-0.01
W_LT30	-0.07	0.01	0.09	0.03	-0.07	-0.27	-0.08	-0.04	-0.07	0.17	-0.05	1.00	-0.03	-0.01	0.14	-0.13	0.18	-0.08	-0.04	-0.05
W_50_59	0.01	-0.06	0.01	-0.03	-0.12	-0.22	0.06	0.15	0.10	0.06	0.07	-0.03	1.00	0.04	0.04	-0.07	-0.03	0.09	-0.03	-0.03
SUBRDR	0.01	-0.02	0.09	-0.04	-0.01	-0.09	-0.03	0.28	0.06	0.01	-0.02	-0.01	0.04	1.00	0.03	-0.02	-0.01	-0.08	-0.02	-0.02
IIIT_5W	-0.02	-0.03	0.01	-0.02	-0.02	-0.12	-0.08	0.01	-0.02	0.32	0.02	0.14	0.04	0.03	1.00	-0.10	-0.02	0.04	0.09	0.09
FCC_A4	0.05	-0.02	-0.04	0.02	0.07	0.15	-0.01	-0.03	-0.01	-0.11	-0.02	-0.13	-0.07	-0.02	-0.11	1.00	0.03	-0.05	-0.02	-0.02
FCC_A7	-0.03	-0.16	0.04	-0.05	0.02	0.14	-0.12	-0.04	-0.04	-0.03	-0.11	0.18	-0.02	-0.01	-0.02	0.03	1.00	-0.07	-0.01	-0.13
POP2000	-0.06	0.15	-0.12	0.07	0.03	-0.08	0.38	-0.07	0.05	0.14	0.28	-0.09	0.09	-0.08	0.03	-0.04	-0.07	1.00	0.08	0.27
AWS	-0.09	-0.06	-0.03	-0.04	0.06	0.21	-0.14	-0.03	-0.06	0.08	-0.01	-0.05	-0.03	-0.02	0.09	-0.02	-0.01	0.08	1.00	-0.08
SIG	-0.08	0.02	0.03	0.01	-0.12	-0.31	0.20	0.18	0.15	0.22	0.21	-0.03	0.12	0.21	0.23	-0.11	-0.13	0.27	-0.08	1.00

B.3 Frequency Modeling Results

Table B-14. Total Crashes Model – Census Tract Level

Variable	NB Model			NB+ Model			ZINB Model		
	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final
Constant	-0.396 (-4.77)	-0.039 (-0.39)	-0.302 (-3.48)	-0.524 (-5.88)	-0.284 (-2.75)	-0.419 (-4.55)	-0.225 (-3.69)	0.107 (1.71)	-0.154 (-2.43)
Exposure Variables									
POP2000	0.0001 (10.5)	0.0001 (9.47)	0.0001 (10.1)	0.0001 (9.52)	0.0001 (9.64)	0.0001 (9.39)	0.0001 (10.9)	0.0001 (9.84)	0.0001 (10.3)
SIG	0.08 (19.94)	0.09 (24.36)	0.078 (19.44)	0.09 (18.61)	0.099 (19.38)	0.089 (18.36)	0.073 (22.48)	0.086 (31.44)	0.073 (22.22)
Socio-demographic Variables									
BL_POP	0.2327 (3.57)	0.2365 (3.37)	0.2257 (3.46)	0.2639 (4.20)	0.2784 (4.33)	0.2508 (4.01)	0.1978 (4.02)	0.2163 (4.35)	0.1915 (3.90)
HIS_POP	0.2013 (2.19)	0.2032 (1.98)	0.2101 (2.29)	0.1867 (2.06)	0.2125 (2.17)	0.1898 (2.10)	0.1831 (2.43)	0.2476 (3.12)	0.2053 (2.73)
NS25_POP	2.7823 (4.95)	3.4644 (5.82)	3.0939 (5.66)	3.4667 (4.26)	3.5300 (4.00)	3.7254 (4.68)	2.3977 (4.83)	3.1759 (6.18)	2.7167 (5.63)
HSG_POP	0.5472 (2.70)	0.4872 (2.21)	0.5228 (2.59)	0.5996 (2.72)	0.6325 (2.75)	0.5910 (2.71)	0.3351 (2.17)		0.2714 (1.77)
Land-use Variables									
IND_LU	2.959 (10.24)		2.903 (9.99)	2.942 (10.22)		2.8839 (9.96)	2.597 (10.03)		2.5433 (9.74)
OPEN_LU	0.4275 (1.62)		0.6417 (2.39)	0.4830 (1.57)		0.7440 (2.38)	0.4761 (2.62)		0.6868 (3.63)
COMOF_LU	1.5047 (4.35)	1.8668 (5.07)	1.5962 (4.52)	1.5983 (4.97)	1.1143 (2.90)	1.6239 (4.93)	1.4115 (4.67)	1.8272 (5.59)	1.4845 (4.74)
RES_LU		-0.473 (-3.65)			-0.289 (-2.31)			-0.377 (-4.46)	
SUM_OFFI		0.1300 (4.25)						0.1221 (4.67)	
SUM_RETA		0.586 (13.71)			2.084 (11.43)			0.539 (18.04)	
SCHOOLS	0.0369 (2.59)		0.0366 (2.59)	0.0290 (2.11)		0.0292 (2.16)	0.0316 (2.60)		0.0309 (2.55)
PRK_ACRE	-0.0004 (-2.6)		-0.0004 (-2.4)	-0.0006 (-2.9)		-0.0005 (-2.6)	-0.0004 (-2.6)		-0.0004 (-2.4)
Road Network and Travel Characteristics									
INT_3W	-0.0044 (-3.2)		-0.0035 (-2.5)				-0.0028 (-2.5)		-0.0019 (-1.7)
INT_5W	0.0417 (1.60)		0.0492 (1.89)						
FCC_A1	-1.019 (-4.2)		-0.962 (-3.97)	-1.04 (-4.41)		-0.959 (-4.05)	-0.576 (-3.54)		-0.497 (-3.02)
FCC_A2	0.4490 (2.99)		0.4712 (2.75)	0.4017 (2.75)		0.4329 (2.58)	0.3653 (3.28)		0.3725 (3.10)
FCC_A4	-0.094 (-5.19)	-0.045 (-2.03)	-0.109 (-6.13)	-0.075 (-3.97)	-0.050 (-2.50)	-0.093 (-5.16)	-0.039 (-4.24)		-0.04 (-4.77)
FCC_A7	-0.862 (-3.30)	-0.668 (-2.39)	-0.691 (-2.61)	-0.882 (-3.44)	-0.606 (-2.27)	-0.701 (-2.70)	-0.431 (-2.44)		-0.261 (-1.48)
TRAV_4	1.3393 (6.42)		1.2642 (6.09)	1.3286 (6.79)		1.2350 (6.32)	1.1799 (6.56)		1.1319 (6.28)
TRAV_5	2.8170 (3.51)		2.8831 (3.75)	2.8519 (3.70)		2.8935 (3.91)	2.5052 (3.42)		2.5981 (3.68)

Variable	NB Model			NB+ Model			ZINB Model		
	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final
BUS_LENG							0.0070 (1.65)		0.0070 (1.73)
W_LT30		-0.651 (-6.08)	-0.369 (-3.48)		-0.472 (-4.42)	-0.379 (-3.69)		-0.533 (-7.32)	-0.338 (-4.38)
Dispersion parameter (α)									
Constant	0.315 (13.93)	0.398 (17.3)	0.313 (13.97)	0.293 (9.37)	0.3118 (9.89)	0.2941 (9.38)	0.2655 (8.65)	0.356 (11.06)	0.2690 (8.78)
BL_POP				-0.506 (-1.85)	-0.512 (-1.99)	-0.56 (-1.98)			
LENGTH				0.0393 (6.07)	0.0404 (6.47)	0.0383 (5.95)			
SUM_RETA					0.3434 (2.51)				
Tau							-4.403 (-7.06)	-5.545 (-5.92)	-4.718 (-6.75)
Log-likelihood	-4310.697	-4391.087	-4304.542	-4295.821	-4333.75	-4289.03	-4277.399	-4357.86	-4268.48
Number of parameters	21	15	22	21	17	22	22	13	23

Table B-15. Severe Injury Crash Model – Zip Code Level

Variable	NB Model			NB+ Model			ZINB Model		
	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final
Constant	0.8317 (4.29)	-0.257 (-0.67)	-0.203 (-0.59)	0.922 (4.034)	-0.067 (-0.18)	-0.085 (-0.24)	2.553 (12.82)	1.6140 (8.21)	1.6055 (7.61)
POP2000	3E-05 (10.25)	2.E-05 (7.61)	2.E-05 (8.04)	3E-05 (10.65)	2.E-05 (8.10)	2E-05 (8.00)	2E-05 (11.86)	2E-05 (12.18)	2E-05 (10.40)
COM	0.0004 (3.53)		0.0003 (3.28)	0.0004 (3.39)		0.0003 (3.32)			
HIS_POP	0.6801 (1.36)			0.646 (1.32)					
BL_POP	0.7332 (2.17)	0.5352 (1.82)	0.6742 (2.21)	0.6934 (2.14)	0.4992 (1.77)	0.6493 (2.18)	0.2376 (2.25)	0.2625 (1.99	0.1834 (1.27)
NS25_POP		18.091 (2.83)	16.589 (2.38)		16.806 (2.79)	15.93 (2.37)		9.0400 (1.67)	8.7246 (1.37)
IND_LU	5.8717 (6.53)		1.5631 (1.87)	5.6270 (7.13)		1.5333 (1.86)	4.1287 (2.42)		3.2380 (2.41)
RES_LU							-0.806 (-2.41)		
SUM_OFFI								0.4360 (2.40)	
PARKS									0.0032 (1.31)
INT_5W		0.0585 (2.30)	0.0485 (2.08)		0.0559 (2.26)	0.0470 (2.06)		0.0518 (3.23)	0.0495 (2.77)
TRAV_1		1.7655 (2.92)	1.3827 (2.46)		1.6068 (2.72)	1.2833 (2.31)			
FCC_A1									-1.961 (-2.24)
FCC_A2	3.7124 (3.04)		1.9099 (1.58)	3.6480 (3.31)		1.8603 (1.58)			
SUBRDR		2.E-05 (2.05)			2.E-05 (2.04)				
SIG_DEN		1.918 (10.54)	1.6098 (6.52)		1.842 (10.36)	1.5780 (6.60)		0.8840 (5.30)	1.0282 (5.53)
BUS_RTS		0.0024 (2.65)	0.0021 (2.60)		0.0023 (2.54)	0.0020 (2.54)			
Dispersion parameter (α)									
Constant	0.361 (6.40)	0.234 (5.78)	0.2157 (5.43)	6.0827 (1.99)	6.83 (1.68)	5.0773 (1.7)	0.34 (7.12)	0.217 (5.35)	0.2064 (5.41)
BL_POP				-2.091 (-2.49)	-4.215 (-3.69)	-4.967 (-3.65)			
SIG				-0.029 (4.68)	-0.029 (-4.04)	-0.025 (-3.76)			
RES_LU				-2.426 (-2.42)	-2.82 (-2.29)	-2.354 (-2.02)			
Tau							-1.632 (-1.59)	-1.68 (-2.35)	-1.986 (-1.46)
Log-likelihood	-414.77	-396.11	-391.78	-396.09	-378.44	-375.85	-411.52	-392.46	-388.41
Number of parameters	8	10	12	9	11	13	9	11	13

Table B-16. Fatal Crash Model – Zip Code Level

Variable	NB Model			NB+ Model			ZINB Model		
	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final	Subset-1	Subset-2	Final
Constant	-0.507 (-2.08)	-0.455 (-1.51)	-0.633 (-2.60)	0.2979 (1.07)		-0.444 (-2.02)	-0.013 (-0.06)	-0.148 (-0.61)	-0.299 (-1.54)
POP2000	3.E-05 (8.45)	2.E-05 (7.09)	2.E-05 (7.97)	2.E-05 (7.42)		2.E-05 (8.73)	2E-05 (10.76)	2.E-05 (7.39)	2.E-05 (8.90)
COM	0.0003 (1.47)			0.0002 (2.45)			0.0002 (1.48)		
HIS_POP	-0.893 (-1.95)		-0.858 (-2.07)	-1.199 (-3.14)		-1.058 (-3.37)	-0.915 (-2.31)		-0.843 (-2.39)
RES_LU							-0.585 (-1.32)		
SUM_OFFI						-0.649 (-2.52)			
PARKS	0.0092 (1.66)		0.0101 (2.01)				0.0078 (1.69)		0.0086 (1.90)
IND_LU	2.6966 (2.60)		1.8991 (1.59)	2.6020 (1.22)		9.9576 (3.39)	1.4380 (1.57)		0.9950 (1.07)
INT_5W		0.0524 (2.41)						0.0358 (2.02)	
FCC_A2	3.2563 (2.74)		2.1707 (1.53)	2.8199 (2.31)		2.5869 (2.02)	2.5461 (2.34)		1.9504 (1.72)
TRAV_2		-1.278 (-1.37)						-0.986 (-1.22)	
SUBRDR		3.E-05 (1.73)						2.E-05 (1.66)	
SIG_DEN		0.7880 (2.93)	0.6846 (2.21)			0.4611 (1.83)		0.6774 (2.98)	0.6554 (2.50)
BUS_RTS		0.0030 (3.51)	0.0026 (2.74)			0.0025 (3.94)		0.0026 (3.47)	0.0023 (2.72)
Dispersion parameter (α)									
Constant	0.1631 (2.29)	0.1443 (1.68)	0.1262 (1.67)	8.364 (1.61)		0.0057 (0.32)	0.1133 (1.30)	0.1086 (0.97)	0.0928 (0.99)
BL_POP				2.5632 (2.34)		6.07 (1.56)			
SIG				-0.033 (-3.46)					
HIS_POP				-16.29 (-8.47)					
Tau							-3.547 (-1.66)	-1.68 (-2.35)	-3.947 (-1.58)
Log-likelihood	-209.489	-207.35	-204.685	-203.085		-199.22	-205.561	-204.413	-201.331
Number of parameters	8	8	9	10		10	10	9	10

B.4 Descriptive Statistics and Cross-Tabulations for Severity Data

Fatal Accidents vs Intersection				
		Accident on Intersection		Total
		No	Yes	
Fatal Crash	Yes	146	221	367
	No	968	2342	3310
Total		1114	2563	**3677**

Table B-17. Fatal Crashes versus intersections

Fatal Accidents vs Traffic Control Type							
		Control Type					Total
		No Signal	Traffic light	Stop	Yield	Other	
Fatal Crash	Yes	159	178	12	1	7	357
	No	1332	1652	96	1	49	3130
Total		1491	1830	108	2	56	**3487**

Table B-18. Fatal Crashes versus different control types

Fatal Accidents vs Roadway Width					
		Width Range (feet)			Total
		0/30	31/59	60 and up	
Fatal Crash	Yes	130	147	90	367
	No	1241	1396	644	3281
Total		1371	1543	734	**3648**

Table B-19. Fatal Crashes by Roadway Width

Fatal Accidents vs Land Use						
		Land Use Type				Total
		RES	COM	IND	OTHER	
Fatal Crash	Yes	98	57	79	130	364
	No	813	597	684	1991	4085
Total		911	654	763	2121	**4449**

Table B-20. Fatal Crashes by Land Use Type

Fatal Accidents vs Truck Routes				
		Accident on Truck Routes		Total
		No	Yes	
Fatal Crash	Yes	193	174	367
	No	1826	1484	3310
Total		2019	1658	**3677**

Table B-21. Fatal Crashes on/off truck routes

Fatal Accidents vs Passenger Vehicle				
		Passenger Vehicle		Total
		No	Yes	
Fatal Crash	Yes	134	233	367
	No	975	2335	3310
Total		1109	2568	**3677**

Table B-22. Fatal Crashes with passenger car vehicles

Fatal Accidents vs Bus Vehicle				
		Bus		Total
		No	Yes	
Fatal Crash	Yes	349	18	367
	No	3250	60	3310
Total		3599	78	**3677**

Table B-23. Fatal Crashes with buses

Fatal Accidents vs Driver Under Influence (DUI)				
		Driver on DUI		Total
		No	Yes	
Fatal Crash	Yes	355	12	367
	No	3272	38	3310
Total		3627	50	**3677**

Table B-24. Fatal Crashes and driver/pedestrians under influence (DUI)

B.5 Severity Modeling Process

Dependendent Variable : Severe (Injury) Accidents																
INDEPENDENT VARIABLES		MODELING PHASE I				MODELING PHASE II						MODELING PHASE II				
Variable	**Description**	M1-1	M1-2	M1-3	M1-4	M2-1	M2-1	M2-3	M2-4	M2-5	M2-6	M3-1	M3-2	M3-3	M3-4	M3-5
ONE	Constant	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Environmental Variables																
BRONX	Bronx Borough					X	X	X	X	X		X	X	X	X	X
BRKLN	Brookling Borough											X	X		X	
MANHAT	Manhattan Borough										X	X	X	X		X
STATIS	Staten Island Borough										X					
QUEEN	Queens Borough										X	X	X			
WINTER	Winter (Dec-Jan-Feb)											X	X	X	X	X
AUTUMN	Autumn (Sep-Oct-Nov)											X	X	X	X	X
SUMMER	Summer (Jun-Jul-Aug)											X	X			
WK_DAY	Week Day		X													
WKEND	Weekend			X												

Table B-25. Environmental Variables Included Through the Severity Modeling Process

Dependendent Variable : Severe (Injury) Accidents																
INDEPENDENT VARIABLES		MODELING PHASE I				MODELING PHASE II						MODELING PHASE II				
Variable	**Description**	M1-1	M1-2	M1-3	M1-4	M2-1	M2-1	M2-3	M2-4	M2-5	M2-6	M3-1	M3-2	M3-3	M3-4	M3-5
Network Variables																
CT_STRT	City Streets											X	X	X	X	X
INTER_ST	Interstate Roads					X	X	X	X	X	X	X	X	X	X	X
ON_ROAD	Accidents on/off roads											X	X	X	X	X
ON_INTER	Accidents on/off intersection					X	X	X	X	X	X	X	X	X	X	X
STR_GR	straight and grade road				X	X	X	X	X	X	X	X	X	X	X	X
CUR_GR	curve and grade road		X	X	X	X	X	X	X	X	X	X	X	X	X	X
CUR_LV	Level curve		X	X	X											
CUR_HILL	Curved Hill				X											
STOP	Stop sign				X		X	X	X	X	X	X	X	X	X	X
YIELD	Yield Sign											X				
SIG	Traffic Signal	X		X								X	X			
NO_SIG	No Signal		X		X											
TWO_LN	Two Lane road				X					X						
MULT_LN	Multilane roads						X	X	X	X	X		X	X	X	X
AVE_SPD	Average speed of vehicles												X	X	X	X
BIKE_ONS	Near on-street bike lane							X	X	X	X			X	X	X

Table B-26. Network Variables Included Through the Severity Modeling Process

Dependendent Variable : Severe (Injury) Accidents																
INDEPENDENT VARIABLES		MODELING PHASE I				MODELING PHASE II						MODELING PHASE II				
Variable	**Description**	M1-1	M1-2	M1-3	M1-4	M2-1	M2-1	M2-3	M2-4	M2-5	M2-6	M3-1	M3-2	M3-3	M3-4	M3-5
Land Use and Environment Variables																
COM_LU	Commercial Land Use								X	X	X					
WET_RD	Wet Road		X													
SNOW_RD	Road with snow and ice			X		X										
FOG	Fog				X											
SNOW	Snow				X											
RAIN	Rain				X		X	X								
DAWN	Dawn (light)				X											
DARK_LGT	Dark lighted road					X	X	X	X		X		X			
DARK_UN	Dark unlighted road					X	X	X	X		X			X	X	X

Table B-27. Land Use and Environment Variables Included Through the Severity Modeling Process

Dependendent Variable : Severe (Injury) Accidents																
INDEPENDENT VARIABLES		MODELING PHASE I				MODELING PHASE II						MODELING PHASE II				
Variable	**Description**	M1-1	M1-2	M1-3	M1-4	M2-1	M2-1	M2-3	M2-4	M2-5	M2-6	M3-1	M3-2	M3-3	M3-4	M3-5
Pedestrian Characteristics																
AG_SIG	crossing against signal		X	X	X		X	X	X	X	X	X	X	X	X	X
CR_SIG	Crossing with signal				X											
BEH_PR	Emerged behind parked veh.		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ON_VEH	Getting on/off vehicles			X	X	X	X	X	X	X	X	X	X	X	X	X
CH_BUS	Child getting on/off bus		X													
WK_ROAD	Working in roadway		X	X												
PLAY_RD	Playing in roadway		X		X	X	X	X	X	X	X	X	X	X	X	X
AG_HGW	Agains Traffic Along Highway			X												
SCHOOLZ	School Zone		X													

Table B-28. Pedestrian Characteristics Included Through the Severity Modeling Process

Dependendent Variable : Severe (Injury) Accidents																
INDEPENDENT VARIABLES		MODELING PHASE I				MODELING PHASE II						MODELING PHASE II				
Variable	**Description**	M1-1	M1-2	M1-3	M1-4	M2-1	M2-1	M2-3	M2-4	M2-5	M2-6	M3-1	M3-2	M3-3	M3-4	M3-5
Vehicle and Driver Characteristics																
VOL_ADT	Average Daily Volume		X	X	X											
SPD_SPDL	Speed Limit					X	X	X	X	X	X					
TRUCK_RT	Truck Route	X	X	X	X											
TRUCK	Vehicle Type : Truck								X	X	X		X	X	X	X
BUS_RT	Bus Route					X	X	X								
BUS	Vehicle Type: Bus								X	X	X		X	X	X	X
SUBWAY_S	Subway Station	X	X	X	X			X	X	X	X			X	X	X
LTURN	Vehicle Turning Left									X	X			X	X	X
RTURN	Vehicle Turning Right		X							X				X	X	X
ST_PAR	Starting from parking									X	X					
ELDER	Pedestrian or driver over 51														X	X
POP2000	Population of 2000		X	X	X											
POP_DEN	Population Density	X														
WHITE	White Population							X	X	X	X					
BLACK	Black Population	X	X													
HISPANI	Hipanic Population	X		X	X			X	X	X	X					
AGE_O65	Population over 65 years	X														
MED_AGE	Medium Age Population		X	X	X											
OLD_DR	Old Driver										X			X		
ALCOH	Alcohol Involvement															X
DRINA1	Driver Innatention															X

Table B-29. Vehicle and Driver Characteristics Included Through the Severity Modeling Process

Dependendent Variable : Severe (Injury) Accidents																
INDEPENDENT VARIABLES		MODELING PHASE I				MODELING PHASE II						MODELING PHASE II				
Variable	**Description**	M1-1	M1-2	M1-3	M1-4	M2-1	M2-1	M2-3	M2-4	M2-5	M2-6	M3-1	M3-2	M3-3	M3-4	M3-5
Higher Order Variables																
OLD_SIG	Old Ped. X Crossing agains sig														X	X
OLD_MULT	Old Ped. X Multilane Road														X	X
BRX_BUS	Bronx x Bus accidents															X
MAN_BUS	Manhattan x Bus accidents															X
BK_RLAN	Bike lane x residential area															X

Table B-30. Higher Order Variables Included Through the Severity Modeling Process

Dependendent Variable : Severe (Injury) Accidents																
INDEPENDENT VARIABLES		MODELING PHASE I				MODELING PHASE II						MODELING PHASE II				
Variable	**Description**	M1-1	M1-2	M1-3	M1-4	M2-1	M2-1	M2-3	M2-4	M2-5	M2-6	M3-1	M3-2	M3-3	M3-4	M3-5
	Maximum Likelihood	**-1194**	**-1194**	**-1171**	**-1159**	**-1155**	**-1150**	**-1143**	**-1120**	**-1118**	**-1114**	**-1147**	**-1112**	**-1109**	**-1104**	**-1098**
	R^2	**0.01**	**0.02**	**0.02**	**0.03**	**0.03**	**0.04**	**0.04**	**0.06**	**0.06**	**0.07**	**0.04**	**0.07**	**0.07**	**0.07**	**0.08**

Table B-31. Statistical Values for Preliminary Models Created throughout the Severity Modeling Process

Dependent Variable: Severe (injury) Accidents			
Variable	Description	Coefficient	Significance
Constant	Severity Model Constant	5.02	3.49
BRONX	Bronx x Intersections	0.39	2.28
INTER_ST	Manhattan x Intersections	-1.58	-3.25
ON_INTER	Winter Season	0.61	5.04
SNOW_RD	Autumn Season	-0.59	-1.41
BEH_PR	City Streets	0.34	1.34
ON_VEH	Children x Signalized Inter.	1.25	1.33
PLAY_RD	Playing on Road	1.69	1.67
STR_GR	Grade Streets	-0.62	-2.98
CUR_GR	Dark Lighted Street	-0.84	-1.49
DARK_LGT	Dark Unlighted Street	-0.31	-2.69
DARK_UN	Dawn	-1.18	-3.42
BUS_RT	Average Speed	-0.19	-1.56
SPD_SPDL	Speed Above	-0.09	-2.06

Table B-32 Final Preliminary Model for Phase I of Severity Modeling Process

Dependent Variable: Severe Accidents			
Variable	Description	Constant	Significance
Constant	Severity Model Constant	2.89	7.166
BRONX	Accident at Bronx Borough	1.75	3.421
INTER_ST	Accident at Interstate Road	-2.71	3.582
ON_INTER	Accident on Intersection	4.86	-2.206
AG_SIG	Pedestrian Crossing Against Signal	-2.21	-2.226
BEH_PR	Ped. Coming behind parked vehicle	1.15	3.428
ON_VEH	Ped. Getting on/off vehicle	1.43	-2.145
PLAY_RD	Pedestrian playing on road	1.47	1.327
STR_GR	Straight maneuver on at grade street	-2.65	-2.781
CUR_GR	Curve maneuver on at grade street	-1.71	-2.725
STOP	Stop sign at intersection	-1.34	-2.753
DARK_LGT	Dark street with lighting	-3.32	-2.057
DARK_UN	Dark street unlighted	-3.35	-2.206
MULT_LN	Multilane Roadway	-2.67	2.031
SPD_SPDL	Driving at speeds above limit	-1.51	-6.61
WHITE	White pedestrian/driver	-0.45	1.684
HISPANI	Hispanic pedestrian/driver	1.82	-1.82
SUBWAY_S	Near subway station	1.39	-1.316
BIKE_ONS	Bike on street	2.05	1.331
COM_LU	Commercial Land Use	0.86	2.182
TRUCK	Crash with truck vehicle	-6.56	-2.517
BUS	Crash with bus	-4.05	-2.513

Table B-33. Final Preliminary Model for Phase II of Severity Modeling Process

Dependent Variable: Severe Accidents			
Variable	Description	Coefficient	Significance
Constant	Severity Model Constant	2.35	6.31
BRONX	Bronx Borough	0.53	2.85
MANHAT	Manhattan Borough	0.38	2.58
WINTER	Winter Season	-0.36	-2.54
AUTUMN	Autumn Season	-0.34	-2.53
CT_STRT	City Streets	0.98	3.37
INTER_ST	Interstate Road	-0.66	-1.19
ON_INTER	Crash on Intersection	0.73	5.46
ON_ROAD	Accident on/off road	-1.09	-3.53
AG_SIG	Pedestrian crossing against signal	-0.49	-3.19
BEH_PR	Ped. Coming behind parked vehicle	0.31	1.21
ON_VEH	Ped. Getting on/off vehicle	1.26	1.22
PLAY_RD	Pedestrian playing on road	1.43	1.41
STR_GR	Straight maneuver on at grade street	-0.59	-2.73
CUR_GR	curve maneuver on at grade street	-0.92	-1.59
STOP	stop sign at intersection	-0.28	-1.15
DARK_UN	dark street with illumination	-1.01	-2.84
MULT_LN	multilane road	-0.51	-3.91
AVE_SPD	average speed	-0.23	-1.09
TRUCK	crash with truck vehicle	-1.43	-6.71
BUS	crash with bus	-0.72	-1.63
SUBWAY_S	crash near subway station	0.52	1.08
BIKE_ONS	bike on street bike lane	0.51	1.82
LTURN	driver performing left turn maneuver	-0.22	-1.35
RTURN	driver performing right turn maneuver	-0.15	-0.56
ELDER	pedestrian over 65 years of age	-0.4	-1.68
OLD_SIG	elder pedestrian x crossing against signal	1.37	2.11
OLD_MULT	elder pedestrian x crossing multilane road	1.22	2.12
BRX_BUS	Bronx borough x bus accidents	-1.18	-1.37
MAN_BUS	Manhattan borough x bus accidents	-0.72	-1.15
BK_RLAN	bike lane x residential area	-0.67	-1.09

Table B-34. Final Preliminary Model for Phase III of Severity Modeling Process

Dependent Variable: Crash Severity[1]			
Variable	Description	Coefficient	Significance
Constant	Severity Model Constant	1.776	7.166
BRNX_INT	Bronx x Intersections	0.794	3.421
MANT_INT	Manhattan x Intersections	0.592	3.582
WINTER	Winter Season	-0.31	-2.206
AUTUMN	Autumn Season	-0.307	-2.226
CT_STRT	City Streets	0.821	3.428
CHL_SIG	Children x Signalized Inter.	-1.178	-2.145
PLAY_RD	Playing on Road	1.347	1.327
STR_GR	At Grade Streets (Grade = 0%)	-0.609	-2.781
DARK_LGT	Dark Lighted Street	-0.329	-2.725
DARK_UN	Dark Unlighted Street	-0.994	-2.753
DAWN	Dawn	-0.726	-2.057
AVE_SPD	Average Speed	-0.617	-2.206
SPD_ABOV	Speed Above	0.007	2.031
TRUCK	Crash with Truck	-1.424	-6.61
BIKE_ONS	Bike lane on Street	0.431	1.684
LN_CHAN	Lane Changing Action	-1.299	-1.82
ELDER	Pedestrian/Driver 65+ years	-0.316	-1.316
OLD_SIG	Over 65+ years x Signalized Inter	0.845	1.331
OLD_MULT	Over 65+ years x Multilane Road	1.268	2.182
ALCOH	Pedestrian/Driver under alcohol	-0.959	-2.517
DRINA1	Driver inattention	-1.391	-2.513
YIELD	Yield Control Sign	-2.546	-1.784
BUS_WI	Bus x Road Width over 60 feet	-1.664	-3.683
MULT_LN	Multilane Road	-0.467	-3.534
**A negative sign indicates a greater likelihood of fatality and a positive sign indicates a lower likelihood of a fatal crash			

Table B-35. Binary Logit Model For Severity of Pedestrian Crashes

[1] Here, Pfatal = 1 – Psevere and accordingly a positive sign on the models represents a lower likelihood of a fatality, and a negative sign will represent a greater likelihood of a fatality

Appendix C: Datasets and Data Dictionaries

C.1 Data Compilation

A crash database was built to support descriptive statistics, spatial analysis, and crash cause modeling procedures. The compilation of the datasets used in this study represents a significant cooperative effort by various agencies within New York City and New York State. In addition to the New York City Department of Transportation, these included the New York City Department of Health & Mental Hygiene, the New York State Department of Transportation, the New York State Department of Health, and the New York State Department of Motor Vehicles.

Geodatabases were used to store and analyze data from these sources. This structure provides an efficient and manageable way to collect, organize, and maintain the complex data related to pedestrian crashes which includes points (pedestrian crashes), lines (roadways), polygons (municipal boundaries etc.) and raster data (orthoimages of locations).

Information joined to the crash data includes socioeconomic information available from the decennial census of the U.S. Bureau of Census; vital statistics of NYCDOHMH; land use information from primary land use tax output (PLUTO) of the New York City Department of City Planning; transportation network and performance related GIS layers from NYCDOT; and ZIP code and census tract layers from StreetMap US of Environmental Systems Research Institute (ESRI).

The first step of data compilation is to geocode the NYSDOT crash data using GIS software (we used ArcGIS 9.3). Each crash record of the NYSDOT data was geocoded with the attributes of either Census Tracts or 5-digit Zip Codes. In order to have the most feature-rich attribute datasets available, pseudo zip code boundaries were used; that is, all census tracts that had their geographic centroids inside of a zip code were aggregated to that zip code. This allowed us to aggregate and use much of the demographic data that is only available for census designated areas. This layer is again overlaid with other GIS layers that include such information as detailed roadway characteristics, intersection characteristics, vehicle speed, and signal locations, among many others. All information that could not be directly linked to the single location of an accident, such as a roadway volume that may have been recorded a block away, were spatially joined to the dataset

and given a confidence interval in feet, which can be used to determine the appropriateness of the collocated measure. For the purposes of this study, it is recommended that only features located within 50 feet, the same distance that was found to be appropriate in the buffering method discussed in the next chapter, be considered as sources of measurements.

Using the above mentioned steps, three geodatabases were created. This appendix defines the variables included in each of the 3 separate databases produced for this project. These are (A) a disaggregate pedestrian severe injury & fatality crash database and aggregated databases of (B) pedestrian severe injury & fatality crashes by tract and (C) pedestrian severe injury & fatality crashes by zip code. In addition, all coding is defined and the source of each variable is given. Data compilation and its place in the study process, is described in figure C-1

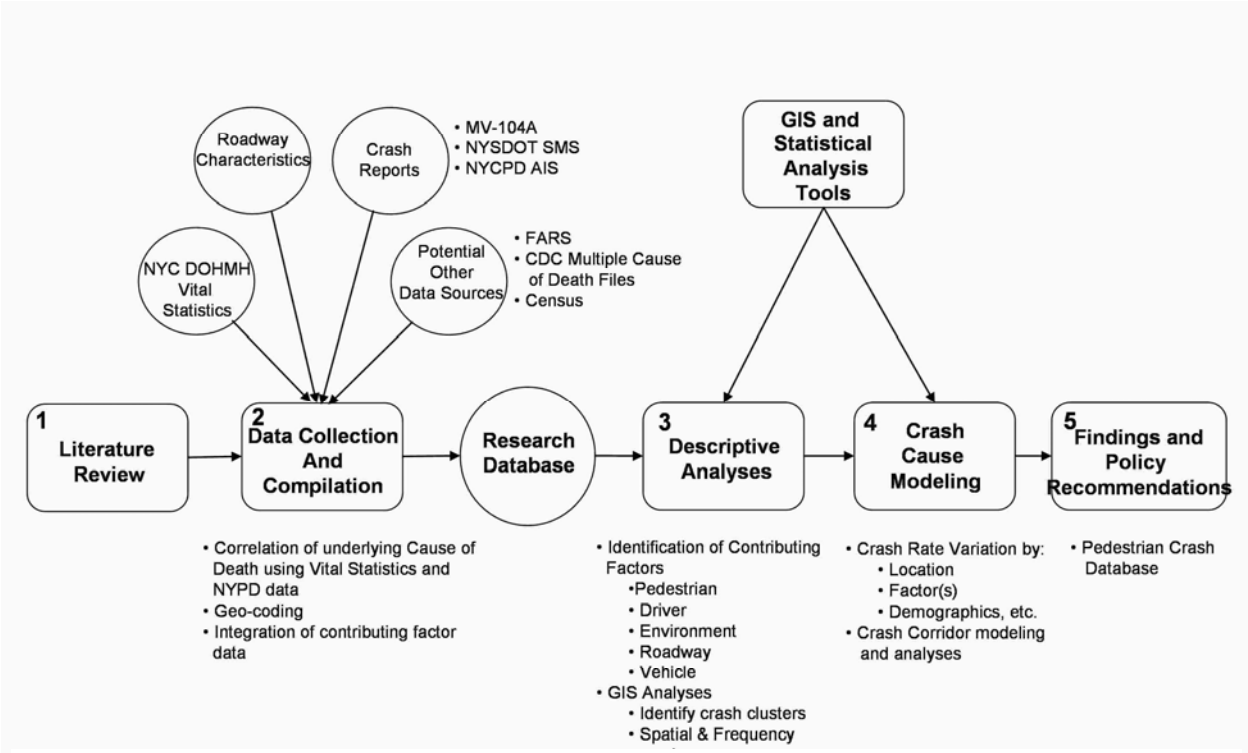


Figure C-1: Research Process

C.2 Disaggregate Research Database
New York City Pedestrian Severe Injury and Fatality Crashes

CASE_NUM
Case Number (Source: NYSDOT SMS)

ACCD_DATE
Date of Crash (Source: NYSDOT SMS)

DAY_WK
Day of the Week of Crash (Source: NYSDOT SMS)

Value	Definition
1	MONDAY
2	TUESDAY
3	WEDNESDAY
4	THURSDAY
5	FRIDAY
6	SATURDAY
7	SUNDAY

MONTH_
Month of Crash (Source: NYSDOT SMS)

Value	Definition
1	JANUARY
2	FEBRUARY
3	MARCH
4	APRIL
5	MAY
6	JUNE
7	JULY
8	AUGUST
9	SEPTEMBER
10	OCTOBER
11	NOVEMBER

12	DECEMBER

ACCD_TIME
Time of Crash (Source: NYSDOT SMS)

YEAR_
Year of Crash (Source: NYSDOT SMS)

REG_CNTY
Borough (Source: NYSDOT SMS)

Value	Definition
N1	BRONX
N2	BROOKLYN
N3	MANHATTAN
N4	QUEENS
N5	STATEN ISLAND

MUNI
Municipality (Source: NYSDOT SMS)

Value	Definition
01	NEW YORK CITY

ROAD_SYS
Roadway System (Source: NYSDOT SMS)

Value	Definition
01	STATE
02	COUNTY
03	TOWN
04	CITY STREET
05	PARKWAY
06	THRUWAY
07	NORTHWAY
08	LIMITED ACCESS
09	UKNOWN
10	PARKING LOT, OTHER NON-TRAFFIC
11	INTERSTATE

??	INVALID CODE
XX	NOT ENTERED

PRECINCT
NYCPD Precinct Code (Source: NYSDOT SMS)

ACC_CLSF
Accident Classification (Source: NYSDOT SMS)

Value	Definition
1	FATAL ACCIDENT
2	INJURY ACCIDENT
3	PROPERTY DAMAGE & INJURY

NUM_KILLED
Number of Persons Killed (Source: NYSDOT SMS)

NUM_INJURY
Number of Persons Injured (Source: NYSDOT SMS)

EXT_INJURY
Extent of Injuries (Source: NYSDOT SMS)

Value	Definition
K	KILLED
A	INCAPACITATING INJURY
B	NON-INCAPACITATING INJURY
C	POSSIBLE INJURY

NUM_VEH
Number of Vehicles Involved (Source: NYSDOT SMS)

LOCATION
Location where first event occurred (Source: NYSDOT SMS)

Value	Definition
Y	FIRST EVENT OCCURRED ON ROAD
N	FIRST EVENT OCCURRED OFF ROAD
?	INVALID CODE
X	NOT REPORTED

ACCD_TYPE
Accident Type (Source: NYSDOT SMS)

Value	Definition
02	COLLISION WITH A PEDESTRIAN

COLL_TYPE
Collision Type (Source: NYSDOT SMS)

Value	Definition
09	OTHER

PED_LOC
Pedestrian Location (Source: NYSDOT SMS)

Value	Definition
1	PEDESTRIAN AT INTERSECTION
2	PEDESTRIAN NOT AT INTERSECTION
?	INVALID CODE
X	NOT ENTERED
Y	NOT APPLICABLE
Z	UNKNOWN

PED_ACTION
Pedestrian Action (Source: NYSDOT SMS)

Value	Definition
01	CROSSING WITH SIGNAL
02	CROSSING AGAINST SIGNAL
03	CROSSING, NO SIGNAL, MARKED CROSSWALK
04	CROSSING, NO SIGNAL OR CROSSWALK
05	ALONG HIGHWAY WITH TRAFFIC
06	ALONG HIGHWAY AGAINST TRAFFIC
07	EMERGE FROM BEHIND PARKED VEHICLE
08	CHILD GETTING ON/OFF SCHOOL BUS
09	GETTING ON/OFF VEHICLE

10	PUSHING/WORKING ON CAR
11	WORKING IN ROADWAY
12	PLAYING IN ROADWAY
13	OTHER ACTIONS IN ROADWAY
14	NOT IN ROADWAY
??	INVALID CODE
XX	NOT ENTERED
YY	NOT APPLICABLE
ZZ	UNKNOWN

ROAD_SURF
Roadway Surface Condition (Source: NYSDOT SMS)

Value	Definition
0	OTHER
1	DRY
2	WET
3	MUDDY
4	SNOW/ICE
5	SLUSH
6	FLOODED WATER
?	INVALID CODE
X	NOT ENTERED
Y	NOT APPLICABLE
Z	UNKNOWN

WEATHER
Weather (Source: NYSDOT SMS)

Value	Definition
1	OTHER
1	CLEAR
2	CLOUDY
3	RAIN

4	SNOW
5	SLEET/HAIL/FREEZING RAIN
6	FOG/SMOG/SMOKE
?	INVALID CODE
X	NOT ENTERED
Z	NOT REPORTED

ROAD_CHAR
Roadway Characteristics (Source: NYSDOT SMS)

Value	Definition
1	STRAIGHT AND LEVEL
2	STRAIGHT/GRADE
3	STRAIGHT AT HILLCREST
4	CURVE AND LEVEL
5	CURVE AND GRADE
6	CURVE AND HILLCREST
?	INVALID CODE
X	NOT ENTERED
Y	NOT APPLICABLE
Z	UNKNOWN

TRAF_CNTL
Traffic Control Device (Source: NYSDOT SMS)

Value	Definition
01	NONE
02	TRAFFIC SIGNAL
03	STOP SIGN
04	FLASHING LIGHT
05	YIELD SIGN
06	OFFICER/FLAGMAN/GUARD
07	NO PASSING ZONE
08	RR CROSSING SIGN

09	RR CROSSING FLASH LIGHT
10	RR CROSSING GATES
11	STOPPED SCHOOL BUS WITH RED LIGHT FLASH
12	HIGHWAY WORK AREA (CONSTRUCTION)
13	MAINTENANCE WORK AREA
14	UTILITY WORK AREA
15	POLICE/FIRE EMERGENCY
16	SCHOOL ZONE
20	OTHER
??	INVALID CODE
XX	NOT ENTERED
YY	NOT APPLICABLE
ZZ	UNKNOWN

LIGHT_COND
Light Conditions (Source: NYSDOT SMS)

Value	Definition
1	Daylight
2	Dawn
3	Dusk
4	Dark road - lighted
5	dark road - unlighted
?	Invalid code
X	not entered
Z	Not reported

LION_N1
Low Node in LION (Source: NYSDOT SMS)

LION_N2
High Node in LION (Source: NYSDOT SMS)

LAT
Latitude in Decimal Degrees (Source: CUBRC)

LONG
Longitude in Decimal Degrees (Source: CUBRC)

TRAV_LN
Travel Lanes (Source: NYCDOT)

PARK_LN
Parking Lanes (Source: NYCDOT)

TOT_LN
Total Lanes (Source: NYCDOT)

WIDTH
Total street width in feet (Source: NYCDOT)

WIDTH_CONF
Distance away from crash in feet where land width was measured (Source: NYCDOT)

VOL_FILE
NYCDOT Volume File number (Source: NYCDOT)

VOL_LOCATI
primary location of volume measurement (Source: NYCDOT)

VOL_AT_BTW
volume measured at or between (Source: NYCDOT)

VOL_DATE
date when volume was measured (Source: NYCDOT)

VOL_ADT
Approximate Daily Volume (Source: NYCDOT)

VOL_CONF
Distance away from crash in feet where volume was measured (Source: NYCDOT)

SPD_STREET
Street on which speed information was recorded (Source: NYCDOT)

SPD_DIRECT
Direction of travel on street for which speed information was recorded (Source: NYCDOT)

SPD_DATE
Date speed information was recorded (Source: NYCDOT)

SPD_YEAR
Year speed information was recorded (Source: NYCDOT)

SPD_MONTH
Month speed information was recorded (Source: NYCDOT)

Value	Definition
1	JANUARY
2	FEBRUARY
3	MARCH
4	APRIL
5	MAY
6	JUNE
7	JULY
8	AUGUST
9	SEPTEMBER
10	OCTOBER
11	NOVEMBER
12	DECEMBER

SPD_TIME
Time period for which speed information was recorded (Source: NYCDOT)

SPD_ROADTY
Roadway type (one-way or two-way) where speed information was recorded (Source: NYCDOT)

SPD_WIDTH
Width of street where speed information was recorded (Source: NYCDOT)

SPD_TRAVLA
Number of travel lanes where speed information was recorded (Source: NYCDOT)

SPD_PARKLA
Number of parking lanes where speed information was recorded (Source: NYCDOT)

SPD_SPDLIM
Speed limit where speed information was recorded (Source: NYCDOT)

SPD_AVERAG

Average speed of vehicles (Source: NYCDOT)

SPD_PTILE8
Average speed of vehicles in the 85th percentile (Source: NYCDOT)

SPD_MIN
Minimum speed recorded (Source: NYCDOT)

SPD_MAX
Maximum speed recorded (Source: NYCDOT)

SPD_ABOVES
Number of vehicles exceeding the posted speed limit (Source: NYCDOT)

SPD_CONF
Distance away from crash in feet where speed information was measured (Source: NYCDOT)

FIPS
Block group FIPS (Source: US Census Bureau)

POP2000
Block group population in 2000 (Source: US Census Bureau)

POP_DEN
Population density for block group in persons per square mile (Source: US Census Bureau)

POP2003
Estimated population of block group in 2003 (Source: US Census Bureau)

WHITE
White population (Source: US Census Bureau)

BLACK
Black population (Source: US Census Bureau)

AMER_ESK
American Eskimo population (Source: US Census Bureau)

ASIAN
Asian population (Source: US Census Bureau)

HAWN_PI
Hawaiian or Pacific Islander population (Source: US Census Bureau)

OTHER

Other population (Source: US Census Bureau)

MULT_RA
Multiple race population (Source: US Census Bureau)

HISPANI
Hispanic population (Source: US Census Bureau)

MALES
Male population (Source: US Census Bureau)

FEMALES
Female population (Source: US Census Bureau)

AGE_U5
Population under the age of 5(Source: US Census Bureau)

AGE_5_17
Population age 5 to 17 (Source: US Census Bureau)

AGE_18_21
Population age 18 to 21 (Source: US Census Bureau)

AGE_22_29
Population age 22 to 29 (Source: US Census Bureau)

AGE_30_39
Population age 30 to 39 (Source: US Census Bureau)

AGE_40_49
Population age 40 to 49 (Source: US Census Bureau)

AGE_50_64
Population age 50 to 64 (Source: US Census Bureau)

AGE_O65
Population age 65 and over (Source: US Census Bureau)

MED_AGE
Median age (Source: US Census Bureau)

MED_AGE_M
Median age of males (Source: US Census Bureau)

MED_AGE_F
Median age of females (Source: US Census Bureau)

HOUSEHOLDS

Number of households (Source: US Census Bureau)

AVE_HH_SZ
Average household size (Source: US Census Bureau)

HSEHLD_1M
Households headed by 1 male (Source: US Census Bureau)

HSEHLD_1F
Households headed by 1 female (Source: US Census Bureau)

MARHH_CHD
Married households with children (Source: US Census Bureau)

MARHH_NO_C
Married households with no children (Source: US Census Bureau)

MHH_CHILD
Male head of household with children (Source: US Census Bureau)

FHH_CHILD
Female head of household with children (Source: US Census Bureau)

FAMILIES
Number of families (Source: US Census Bureau)

AVE_FAM_SZ
Average family size (Source: US Census Bureau)

HSE_UNITS
Number of housing units (Source: US Census Bureau)

VACANT
Vacant housing units (Source: US Census Bureau)

OWNER_OCC
Owner occupied housing units (Source: US Census Bureau)

RENTER_OCC
Renter occupied housing units (Source: US Census Bureau)

FATAL_CR
Number of fatal crashes in the block group from 2002-2006 (Source: US Census Bureau)

SEVERE_CR

Number of severe injury crashes in the block group from 2002-2006 (Source: US Census Bureau)

BG_CONF
Distance away from crash in feet to block group, zero indicates the crash occurred with the boundaries of the block group to which it was assigned (Source: US Census Bureau)

TRUCK_RT
Located on truck route (or within 50 feet) (Source: NYCDOT)

Value	Definition
0	No
1	Yes

BUS_RT
Located on bus route (or within 50 feet) (Source: NYCDOT)

Value	Definition
0	No
1	Yes

SUBWAY_ST
Located near subway station (within 50 feet) (Source: NYCDOT)

Value	Definition
0	No
1	Yes

MET_PRK
Located near metered parking (within 50 feet) (Source: NYCDOT)

Value	Definition
0	No
1	Yes

BIKE_ONST
Located near on street bicycle lanes (within 50 feet) (Source: NYCDOT)

Value	Definition
0	No
1	Yes

BIKE_OFFST

Located near off street bicycle lanes (within 50 feet) (Source: NYCDOT)

Value	Definition
0	No
1	Yes

LAND_USE

Land use of parcel nearest crash (Source: PLUTO)

Value	Definition
01	1 & 2 Family Residential
02	Multi Family Residential
03	Mixed Residential and Commercial
04	Commercial / Office
05	Industrial / Manufacturing
06	Transportation / Utility
07	Public Facilities and Institutions
08	Open Space
09	Parking Facilities
10	Vacant Land
11	Misc. Lots

USE_CONF

Distance away from crash in feet where parcel is located that determined land use (Source: PLUTO)

VEH_SEQ_1

Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_1

Vehicle Type (Source: NYSDOT SMS)

Value	Definition
0	OTHER
1	MOTORCYCLE
2	CAR/VAN/PICKUP
3	TRUCK
4	BUS

5	BICYCLE
6	PEDESTRIAN

PRE_ACCD_1

Motion of vehicle prior to accident (Source: NYSDOT SMS)

Value	Definition
01	GOING STRAIGHT AHEAD
02	MAKING RIGHT TURN
03	MAKING LEFT TURN
04	MAKING U-TURN
05	STARTING FROM PARKING
06	STARTING IN TRAFFIC
07	SLOWED OR STOPPING
08	STOPPED IN TRAFFIC
09	ENTERING PARKED POSITION
10	PARKED
11	AVOIDING OBJECT IN ROADWAY
12	CHANGING LANES
13	OVERTAKING
14	MERGING
15	BACKING
16	MAKING RIGHT TURN ON RED
17	MAKING LEFT TURN ON RED
18	POLICE PURSUIT
20	OTHER
??	INVALID CODE
XX	NOT ENTERED
YY	NOT APPLICABLE
ZZ	UNKNOWN

DIR_TRAV_1

Direction vehicle was travelling prior to accident (Source: NYSDOT SMS)

Value	Definition
1	NORTH
2	NORTH-EAST
3	EAST
4	SOUTH-EAST
5	SOUTH
6	SOUTH-WEST
7	WEST
8	NORTH-WEST
?	INVALID CODE
X	NOT ENTERED
Y	NOT APPLICABLE
Z	UNKNOWN

2ND_EVT_1
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_1
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_1
Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

NUM_OCC_1
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_1
Indicator which tells if a ticket was issued to the driver (Source: NYSDOT SMS)

Value	Definition
Y	YES
N	NO

VEH_LIC_1
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_1_1
Primary apparent factor associated with vehicle (Source: NYSDOT SMS)

Value	Definition
NONE	
1	NONE
2	ALCOHOL INVOLVEMENT
3	BACKING UNSAFELY
4	DRIVER INATTENTION
5	DRIVER INEXPERIENCE
6	DRUGS (ILLEGAL)
7	FAILURE TO YIELD RIGHT OF WAY
8	FELL ASLEEP
9	FOLLOWING TOO CLOSELY
10	ILLNESS
11	LOST CONSCIOUSNESS
12	PASSENGER DISTRACTION
13	PASSING OR LANE USAGE IMPROPERLY
14	PEDESTRIAN'S ERROR/CONFUSION
15	PHYSICAL DISABILITY
16	PRESCRIPTION MEDICATION
17	TRAFFIC CONTROL DEVICES DISREGARDED
18	TURNING IMPROPER
19	UNSAFE SPEED
20	UNSAFE LANE CHANGING
21	FATIGUE/DROWSY
22	CELL PHONE (HAND HELD)
23	CELL PHONE (HANDS FREE)
24	OTHER ELECTRONIC DEVICE
25	OUTSIDE CAR DISTRACTION
26	REACTION TO OTHER UNINVOLVED VEHICLE
27	FAILURE TO KEEP RIGHT
28	AGGRESSIVE DRIVING/ROAD RAGE

40	OTHER (HUMAN)
41	ACCELERATOR DEFECTIVE
42	BRAKES DEFECTIVE
43	HEADLIGHTS DEFECTIVE
44	OTHER LIGHTING DEFECTS
45	OVERSIZED VEHICLE
46	STEERING FAILURE
47	TIRE FAILURE/INADEQUATE
48	TOW HITCH DEFECTIVE
49	WINDSHIELD INADEQUATE
50	DRIVERLESS/RUNAWAY VEHICLE
60	OTHER (VEHICLE)
61	ANIMAL'S ACTION
62	GLARE
63	LANE MARKING IMPROPER/INADEQUATE
64	OBSTRUCTION/DEBRIS
65	PAVEMENT DEFECTIVE
66	PAVEMENT SLIPPERY
67	SHOULDERS DEFECTIVE/IMPROPER
68	TRAFFIC CONTROL DEVICE IMPROPER/NON-WORKING
69	VIEW OBSTRUCTED/LIMITED
80	OTHER (ENVIRONMENTAL)
??	INVALID CODE
XX	NOT ENTERED
YY	NOT APPLICABLE
ZZ	UNKNOWN

AFCTR_1_2
Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

VEH_SEQ_2
Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_2
Vehicle type see 'VEH_TYPE_1' for code (Source: NYSDOT SMS)

PRE_ACCD_2
Motion of vehicle prior to accident see 'PRE_ACCD_1' for code (Source: NYSDOT SMS)

DIR_TRAV_2
Direction vehicle was travelling prior to accident see 'DIR_TRAV_1' for code (Source: NYSDOT SMS)

2ND_EVT_2
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_2
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_2
Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

NUM_OCC_2
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_2
Indicator which tells if a ticket was issued to the driver see 'CIT_IND_1' for code (Source: NYSDOT SMS)

VEH_LIC_2
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_2_1
Primary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

AFCTR_2_2
Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

VEH_SEQ_3
Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_3
Vehicle type see 'VEH_TYPE_1' for code (Source: NYSDOT SMS)

PRE_ACCD_3

Motion of vehicle prior to accident see 'PRE_ACCD_1' for code (Source: NYSDOT SMS)

DIR_TRAV_3
Direction vehicle was travelling prior to accident see 'DIR_TRAV_1' for code (Source: NYSDOT SMS)

2ND_EVT_3
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_3
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_3
Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

NUM_OCC_3
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_3
Indicator which tells if a ticket was issued to the driver see 'CIT_IND_1' for code (Source: NYSDOT SMS)

VEH_LIC_3
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_3_1
Primary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

AFCTR_3_2
Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

VEH_SEQ_4
Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_4
Vehicle type see 'VEH_TYPE_1' for code (Source: NYSDOT SMS)

PRE_ACCD_4
Motion of vehicle prior to accident see 'PRE_ACCD_1' for code (Source: NYSDOT SMS)

DIR_TRAV_4
Direction vehicle was travelling prior to accident see 'DIR_TRAV_1' for code (Source: NYSDOT SMS)

2ND_EVT_4
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_4
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_4
Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

NUM_OCC_4
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_4
Indicator which tells if a ticket was issued to the driver see 'CIT_IND_1' for code (Source: NYSDOT SMS)

VEH_LIC_4
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_4_1
Primary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

AFCTR_4_2
Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

VEH_SEQ_5
Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_5
Vehicle type see 'VEH_TYPE_1' for code (Source: NYSDOT SMS)

PRE_ACCD_5
Motion of vehicle prior to accident see 'PRE_ACCD_1' for code (Source: NYSDOT SMS)

DIR_TRAV_5
Direction vehicle was travelling prior to accident see 'DIR_TRAV_1' for code (Source: NYSDOT SMS)

2ND_EVT_5
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_5
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_5

Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

NUM_OCC_5
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_5
Indicator which tells if a ticket was issued to the driver see 'CIT_IND_1' for code (Source: NYSDOT SMS)

VEH_LIC_5
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_5_1
Primary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

AFCTR_5_2
Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

VEH_SEQ_6
Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_6
Vehicle type see 'VEH_TYPE_1' for code (Source: NYSDOT SMS)

PRE_ACCD_6
Motion of vehicle prior to accident see 'PRE_ACCD_1' for code (Source: NYSDOT SMS)

DIR_TRAV_6
Direction vehicle was travelling prior to accident see 'DIR_TRAV_1' for code (Source: NYSDOT SMS)

2ND_EVT_6
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_6
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_6
Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)
NUM_OCC_6
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_6

Indicator which tells if a ticket was issued to the driver see 'CIT_IND_1' for code (Source: NYSDOT SMS)

VEH_LIC_6
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_6_1
Primary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

AFCTR_6_2
Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

VEH_SEQ_7
Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_7
Vehicle type see 'VEH_TYPE_1' for code (Source: NYSDOT SMS)

PRE_ACCD_7
Motion of vehicle prior to accident see 'PRE_ACCD_1' for code (Source: NYSDOT SMS)

DIR_TRAV_7
Direction vehicle was travelling prior to accident see 'DIR_TRAV_1' for code (Source: NYSDOT SMS)

2ND_EVT_7
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_7
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_7
Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

NUM_OCC_7
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_7
Indicator which tells if a ticket was issued to the driver see 'CIT_IND_1' for code (Source: NYSDOT SMS)

VEH_LIC_7
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_7_1
Primary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

AFCTR_7_2
Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

VEH_SEQ_8
Number for each vehicle involved in the accident (Source: NYSDOT SMS)

VEH_TYPE_8
Vehicle type see 'VEH_TYPE_1' for code (Source: NYSDOT SMS)

PRE_ACCD_8
Motion of vehicle prior to accident see 'PRE_ACCD_1' for code (Source: NYSDOT SMS)

DIR_TRAV_8
Direction vehicle was travelling prior to accident see 'DIR_TRAV_1' for code (Source: NYSDOT SMS)

2ND_EVT_8
Secondary collision, see 'ACCD-TYPE' for codes (Source: NYSDOT SMS)

AGE_8
Age of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

SEX_8
Gender of the driver, pedestrian, or bicyclist (Source: NYSDOT SMS)

NUM_OCC_8
Number of persons including the driver in the motor vehicle (Source: NYSDOT SMS)

CIT_IND_8
Indicator which tells if a ticket was issued to the driver see 'CIT_IND_1' for code (Source: NYSDOT SMS)

VEH_LIC_8
Two digit abbreviation where the vehicle is registered (Source: NYSDOT SMS)

AFCTR_8_1
Primary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

AFCTR_8_2

Secondary apparent factor associated with vehicle see 'AFCTR_1_1' for code (Source: NYSDOT SMS)

ZIP
Zip Code in which crash occurred (Source: CUBRC)

TRACT
Census Tract in which crash occurred (Source: CUBRC)

NYSDMV
Case number. Case Number provided by CUBRC. (Source: CUBRC)

Inj_Date
Injury date. (Source: NYCDOHMH)

Dth_Date
Death date. (Source: NYCDOHMH)

YEAR1
Year of death. Year Death Certificate filed, normally same year as year of death. (Source: NYCDOHMH)

mcause
Underlying cause. NCHS generated underlying cause of death. (Source: NYCDOHMH)
ICD-10 Code

A419	Septicaemia, unspecified: Septic shock
B171	Acute hepatitis C
E149	Unspecified diabetes mellitus without complications
F100	Mental and behavioural disorders due to use of alcohol: acute intoxication
F102	Mental and behavioural disorders due to use of alcohol: Dependence syndrome
F179	Mental and behavioural disorders due to use of tobacco: Unspecified mental and behavioural disorder
F191	Mental and behavioural disorders due to multiple drug use and use of other psychoactive substances: Harmful use
G931	Anoxic brain damage, not elsewhere classified
G936	Cerebral oedema
I10	Essential (primary) hypertension
I119	Hypertensive heart disease without (congestive) heart failure
I219	Acute myocardial infarction, unspecified
I250	Atherosclerotic cardiovascular disease, so described
I269	Pulmonary embolism without mention of acute cor pulmonale
I420	Dilated cardiomyopathy
I469	Cardiac arrest, unspecified
I48	Atrial fibrillation and flutter

I621	Nontraumatic extradural haemorrhage
I678	Other specified cerebrovascular diseases
I802	Phlebitis and thrombophlebitis of other deep vessels of lower extremities
I959	Hypotension, unspecified
J180	Bronchopneumonia, unspecified
J439	Emphysema, unspecified
J449	Chronic obstructive pulmonary disease, unspecified
J80	Adult respiratory distress syndrome
J988	Other specified respiratory disorders
O95	Obstetric death of unspecified cause
O96	Death from any obstetric cause occurring more than 42 days but less than one year after delivery
R58	Haemorrhage, not elsewhere classified
S018	Open wound of other parts of head
S019	Open wound of head, part unspecified
S027	Multiple fractures involving skull and facial bones
S029	Fracture of skull and facial bones, part unspecified
S060	Concussion
S061	Traumatic cerebral oedema
S062	Diffuse brain injury
S063	Focal brain injury
S064	Epidural haemorrhage
S065	Traumatic subdural haemorrhage
S066	Traumatic subarachnoid haemorrhage
S068	Other intracranial injuries
S069	Intracranial injury, unspecified
S079	Crushing injury of head, part unspecified
S097	Multiple injuries of head
S098	Other specified injuries of head
S099	Unspecified injury of head
S129	Fracture of neck, part unspecified
S141	Other and unspecified injuries of cervical spinal cord
S179	Crushing injury of neck, part unspecified
S199	Unspecified injury of neck
S220	Fracture of thoracic vertebra
S223	Fracture of rib
S224	Multiple fractures of ribs
S250	Injury of thoracic aorta
S255	Injury of intercostal blood vessels
S268	Other injuries of heart
S269	Injury of heart, unspecified
S270	Traumatic pneumothorax
S271	Traumatic haemothorax
S272	Traumatic haemopneumothorax
S273	Other injuries of lung
S276	Injury of pleura
S278	Injury of other specified intrathoracic organs

S280	Crushed chest
S299	Unspecified injury of thorax
S310	Open wound of lower back and pelvis
S327	Multiple fractures of lumbar spine and pelvis
S328	Fracture of other and unspecified parts of lumbar spine and pelvis
S355	Injury of iliac blood vessels
S360	Injury of spleen
S361	Injury of liver or gallbladder
S365	Injury of colon
S367	Injury of multiple intra-abdominal organs
S368	Injury of other intra-abdominal organs
S370	Injury of kidney
S372	Injury of bladder
S381	Crushing injury of other and unspecified parts of abdomen, lower back and pelvis
S398	Other specified injuries of abdomen, lower back and pelvis
S399	Unspecified injury of abdomen, lower back and pelvis
S423	Fracture of shaft of humerus
S720	Fracture of neck of femur
S727	Multiple fractures of femur
S729	Fracture of femur, part unspecified
S822	Fracture of shaft of tibia
S824	Fracture of fibula alone
T019	Multiple open wounds, unspecified
T029	Multiple fractures, unspecified
T041	Crushing injuries involving thorax with abdomen, lower back and pelvis
T07	Unspecified multiple injuries
T08	Fracture of spine, level unspecified
T093	Injury of spinal cord, level unspecified
T098	Other specified injuries of trunk, level unspecified
T099	Unspecified injury of trunk, level unspecified
T119	Unspecified injury of upper limb, level unspecified
T12	Fracture of lower limb, level unspecified
T134	Injury of unspecified blood vessel of lower limb, level unspecified
T136	Traumatic amputation of lower limb, level unspecified
T139	Unspecified injury of lower limb, level unspecified
T140	Superficial injury of unspecified body region
T141	Open wound of unspecified body region
T142	Fracture of unspecified body region
T145	Injury of blood vessel(s) of unspecified body region
T146	Injury of muscles and tendons of unspecified body region
T147	Crushing injury and traumatic amputation of unspecified body region
T148	Other injuries of unspecified body region
T149	Injury, unspecified
T71	Asphyxiation

T791	Fat embolism (traumatic)
T797	Traumatic subcutaneous emphysema
T913	Sequelae of injury of spinal cord
V011	Pedestrian injured in collision with pedal cycle: traffic accident
V021	Pedestrian injured in collision with two- or three-wheeled motor vehicle : traffic accident
V031	Pedestrian injured in collision with car, pick-up truck or van : traffic accident
V041	Pedestrian injured in collision with heavy transport vehicle or bus : traffic accident
V049	Pedestrian injured in collision with heavy transport vehicle or bus : Unspecified whether traffic or nontraffic accident
V090	Pedestrian injured in nontraffic accident involving other and unspecified motor vehicles
V091	Pedestrian injured in unspecified nontraffic accident
V092	Pedestrian injured in traffic accident involving other and unspecified motor vehicles
V099	Pedestrian injured in unspecified transport accident
V134	Pedal cyclist injured in collision with car, pick-up truck or van: Driver injured in traffic accident
V139	Pedal cyclist injured in collision with car, pick-up truck or van: Unspecified pedal cyclist injured in traffic accident
V144	Pedal cyclist injured in collision with heavy transport vehicle or bus: Driver injured in traffic accident
V149	Pedal cyclist injured in collision with heavy transport vehicle or bus: Unspecified pedal cyclist injured in traffic accident
V190	Driver injured in collision with other and unspecified motor vehicles in nontraffic accident
V192	Unspecified pedal cyclist injured in collision with other and unspecified motor vehicles in nontraffic accident
V194	Driver injured in collision with other and unspecified motor vehicles in traffic accident
V199	Pedal cyclist [any] injured in unspecified traffic accident
V239	Motorcycle rider injured in collision with car, pick-up truck or van: Unspecified motorcycle rider injured in traffic accident
V279	Motorcycle rider injured in collision with fixed or stationary object : Unspecified motorcycle rider injured in traffic accident
V435	Car occupant injured in collision with car, pick-up truck or van: Driver injured in traffic accident
V892	Person injured in unspecified motor-vehicle accident, traffic
W18	Other fall on same level
W20	Struck by thrown, projected or falling object
W23	Caught, crushed, jammed or pinched in or between objects
X59	Exposure to unspecified factor
X74	Intentional self-harm by other and unspecified firearm discharge
X80	Intentional self-harm by jumping from a high place
X81	Intentional self-harm by jumping or lying before moving object
X95	Assault by other and unspecified firearm discharge

Y09	Assault by unspecified means
Y34	Unspecified event, undetermined intent
Y579	Drug or medicament, unspecified
Y838	Other surgical procedures

CONDB1
Contributing cause 1. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB2
Contributing cause 2. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB3
Contributing cause 3. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB4
Contributing cause 4. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB5
Contributing cause 5. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB6
Contributing cause 6. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB7
Contributing cause 7. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB8
Contributing cause 8. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB9
Contributing cause 9. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

CONDB10
Contributing cause 10. (Source: NYCDOHMH)
ICD-10 Code. See attribute 'mcause' for list.

DOD
Date of death. Date of Death. (Source: NYCDOHMH)

DTIME
Time of death. Time of death expressed in 12 hour clock with A or P for AM or PM. Note: time not available for 2002 data.. (Source: NYCDOHMH)

DSEX
Sex. Sex. (Source: NYCDOHMH)

1 MALE
2 FEMALE

agegroup
Age group. Eight age group categories. (Source: NYCDOHMH)

1 0-4 years
2 5-7 years
3 8-21 years
4 22-29 years
5 30-39 years
6 40-49 years
7 50-64 years
8 65+ years

DETHB
Race/ethnicity. Coding changed in 2003. Multiple races allowed. (Source: NYCDOHMH)

1 PUERTO RICAN
2 OTHER HISPANIC
3 ASIAN AND PACIFIC ISLANDER
4 WHITE NON-HISPANIC
5 BLACK NON-HISPANIC
6 OTHER NON-HISPANIC
7 NON-HISPANIC OF TWO OR MORE RACES
9 UNKNOWN

DRACE
Race. Coding changed in 2003. Multiple races allowed.. (Source: NYCDOHMH)

1 WHITE ALONE
2 BLACK OR AFRICAN AMERICAN ALONE
3 AMERICAN INDIAN AND ALASKA NATIVE ALONE
4 ASIAN ALONE
5 NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER ALONE
6 SOME OTHER RACE ALONE
7 TWO OR MORE RACES
9 RACE UNKNOWN

WORKINJ

Injury at work. (Source: NYCDOHMH)

1	YES
2	NO
9	UNKNOWN OR NOT STATED
0	NOT OCME CERTIFICATE

DARMED

Served in Armed forces. (Source: NYCDOHMH)

0	NO
1	YES
9	UNKNOWN OR NOT STATED

DMARITAL

Marital status. Coding changed in 2003.. (Source: NYCDOHMH)

1	NEVER MARRIED
2	MARRIED
3	MARRIED, BUT SEPARATED
4	WIDOWED
5	DIVORCED
9	UNKNOWN OR NOT STATED

DEDUC

Years of education for deaths in 2002. (Source: NYCDOHMH)

00	NONE
01-16	YEARS COMPLETED
17	17 YEARS OR MORE
99	UNKNOWN OR NOT STATED

DEDUCB

Years of education for deaths in 2003-2006. (Source: NYCDOHMH)

1	8TH GRADE OR LESS; NONE
2	9TH - 12TH GRADE; NO DIPLOMA
3	HIGH SCHOOL GRADUATE OR GED
4	SOME COLLEGE CREDIT, BUT NO DEGREE
5	ASSOCIATE DEGREE
6	BACHELOR=S DEGREE
7	MASTER=S DEGREE
8	DOCTORATE OR PROFESSIONAL DEGREE
9	UNKNOWN

DBORORES

Borough of residence. (Source: NYCDOHMH)

1	MANHATTAN
2	BRONX
3	BROOKLYN

4 QUEENS
5 RICHMOND
6 NEW YORK STATE OUTSIDE OF N.Y.C.
8 OUTSIDE OF NEW YORK STATE
9 RESIDENCE UNKNOWN

DINST

Institute of death. Name of Institution where death occurred or home or other place. (Source: NYCDOHMH)

- 800 OTHER KNOWN PLACE
0000 AT HOME
1102 NEW YORK UNIVERSITY DOWNTOWN HOSPITAL (WAS BEEKMAN)
1107 BETH ISRAEL HOSPITAL
1116 CABRINI MEDICAL CENTER
1147 NORTH GENERAL HOSPITAL
1156 LENOX HILL HOSPITAL
1171 MOUNT SINAI HOSPITAL
1178 NEW YORK HOSPITAL
1191 PRESBYTERIAN HOSPITAL
1196 ROOSEVELT HOSPITAL
1199 ST CLARES HOSPITAL
1203 ST. LUKES HOSPITAL
1207 ST. VINCENTS HOSPITAL
1215 ALLEN PAVILION
1422 ST. BARNABAS HOSPITAL
1427 BRONX LEBANON HOSPITAL-CONCOURSE DIVISION
1429 MONTEFIORE HOSPITAL
1483 OUR LADY OF MERCY MEDICAL CENTER
1503 BETH ISRAEL, KINGS HIGHWAY DIVISION
1507 BROOKDALE HOSPITAL MEDICAL CENTER
1510 BROOKLYN HOSPITAL
1535 MAIMONIDES MEDICAL CENTER
1540 INTERFAITH HOSPITAL
1542 LONG ISLAND COLLEGE HOSPITAL
1545 COMMUNITY HOSPITAL
1547 METHODIST HOSPITAL
1550 LUTHERAN MEDICAL CENTER
1559 ST. MARY'S HOSPITAL
1569 VICTORY MEMORIAL HOSPITAL
1573 WYCKOFF HEIGHTS HOSPITAL
1601 MT. SINAI MC OF QUEENS
1609 FLUSHING HOSPITAL & MEDICAL CENTER
1610 ST. JOHNS EPISCOPAL HOSPITAL, SOUTH SHORE DIVISION
1612 JAMAICA HOSPITAL

1615 MARY IMMACULATE HOSPITAL
1625 PENINSULA GENERAL HOSPITAL
1626 LONG ISLAND JEWISH MEDICAL CENTER
1629 ST. JOHN'S QUEENS HOSPITAL
1647 NEW YORK HOSPITAL MEDICAL CENTER OF QUEENS
1707 STATEN ISLAND UNIVERSITY HOSPITAL, SOUTH
1711 ST. VINCENT'S HOSPITAL
1714 STATEN ISLAND UNIVERSITY HOSPITAL, NORTH
2659 PARKWAY HOSPITAL
3103 BELLEVUE HOSPITAL
3112 GOLDWATER MEMORIAL HOSPITAL
3134 HARLEM HOSPITAL CENTER
3165 METROPOLITAN HOSPITAL
3428 LINCOLN HOSPITAL
3463 BRONX MUNICIPAL HOSPITAL CENTER
3475 NORTH CENTRAL BRONX HOSPITAL
3522 CONEY ISLAND HOSPITAL
3538 KINGS COUNTY HOSPITAL
3539 WOODHULL HOSPITAL
3620 QUEENS CENTER HOSPITAL
3634 CITY HOSPITAL CENTER AT ELMHURST
5440 VETERANS ADMINISTRATION HOSPITAL
6473 FRANCES SCHERVIER HOME AND HOSPITAL
6589 LEMBERG HOME & GERIATRIC INSTITUTE
6801 BOOTH SILVERCREST ECF
7122 FLORENCE NIGHTINGALE NURSING HOME
7425 FIELDSTON LODGE NURSING HOME
7681 CLIFFSIDE NURSING HOME
7720 CLOVE LAKE NURSING HOME

DBIRPLA

Birth place. (Source: NYCDOHMH)

ANT	ANTIGUA & BARBUDA
ARG	ARGENTINA
AUL	AUSTRALIA
AUS	AUSTRIA
BAH	BAHAMAS
BAN	BANGLADESH
BAR	BARBADOS
BLA	BELARUS
BRA	BRAZIL
BUL	BULGARIA
CAN	CANADA
CHI	CHINA
COL	COLOMBIA
COS	COSTA RICA
CRO	CROATIA
CUB	CUBA

CZE	CZECH REPUBLIC
DOM	DOMINICAN REPUBLIC
ECU	ECUADOR
EGY	EGYPT
ELS	EL SALVADOR
ETH	ETHIOPIA
FRA	FRANCE
GER	GERMANY
GHA	GHANA
GRE	GREECE
GRD	GRENADA
GUA	GUATEMALA
GUI	GUINEA
GUY	GUYANA
HAI	HAITI
HON	HONDURAS
HOK	HONG KONG
HUN	HUNGARY
IND	INDIA
IRN	IRAN
IRE	IRELAND
ISR	ISRAEL
ITA	ITALY
JAM	JAMAICA
JAP	JAPAN
KOR	KOREA
MAY	MALAYSIA
MAL	MALI
MEX	MEXICO
MOD	MOLDOVA
NGA	NIGERIA
ZZZ	NULL
PAK	PAKISTAN
PAN	PANAMA
PER	PERU
PHI	PHILIPPINES
POL	POLAND
PUE	PUERTO RICO
RUM	ROMANIA
RUS	RUSSIA
SEN	SENEGAL
SIN	SINGAPORE
SRI	SRI LANKA
STL	ST. LUCIA
SYR	SYRIA
TAJ	TAJIKISTAN
TRI	TRINIDAD AND TOBAGO
TUR	TURKEY

UKR UKRAINE
UKG UNITED KINGDOM
AL USA - ALABAMA
CA USA - CALIFORNIA
CO USA - COLORADO
CT USA - CONNECTICUT
DC USA - WASHINGTON DC
FL USA - FLORIDA
GA USA - GEORGIA
IL USA - ILLINOIS
IN USA - INDIANA
KY USA - KENTUCKEY
LA USA - LOUISIANNA
MA USA - MASSACHUSETTS
MD USA - MARYLAND
MI USA - MICHIGAN
MO USA - MISSOURI
MS USA - MISSISSIPPI
NC USA - NORTH CAROLINA
NJ USA - NEW JERSEY
NY USA - NEW YORK
NYC USA - NEW YORK CITY
OH USA - OHIO
PA USA - PENNSYLVANIA
SC USA - SOUTH CAROLINA
TN USA - TENNESEE
TX USA - TEXAS
VA USA - VIRGINIA
WV USA - WEST VIRGINIA
VIE VIETNAM
VIR VIRGIN ISLANDS
YEM YEMEN ARAB REPUBLIC

PODEATH

Place of death 2002. (Source: NYCDOHMH)

0 NOT IN HOSPITAL
1 DOA
2 EMERGENCY
3 OUTPATIENT
4 INPATIENT
9 NOT STATED

DTYPLACE

Type of Place 2003-2006. (Source: NYCDOHMH)

1 Hospital Inpatient
2 Emergency / Outpatient
3 DOA
4 Nursing Home / Long Term Care Facility

5 Hospice Facility
6 Decedent=s Residence

MANDEAT

Manner of death. Manner of Death. (Source: NYCDOHMH)

0 NATURAL
1 ACCIDENT
2 HOMICIDE
3 SUICIDE
4 UNDETERMINED
5 THERAPEUTIC COMPLICATION
9 PENDING

DSTATE

State of residence at time of death. State of Residence at time of death. Data not available for 2002. Data sparse in the beginning of 2003. (Source: NYCDOHMH)

BAHRAIN	BAHRAIN
BRITISH COLUMBIA	BRITISH COLUMBIA
COLORADO	COLORADO
CONNECTICUT	CONNECTICUT
FLORIDA	FLORIDA
GEORGIA	GEORGIA
IRELAND	IRELAND
MARYLAND	MARYLAND
NEW JERSEY	NEW JERSEY
NEW YORK	NEW YORK
NJ	NEW JERSEY
NORTH CAROLINA	NORTH CAROLINA
NY	NEW YORK
PA	PENNSYLVANIA
PHILIPPINES	PHILIPPINES
RUSSIA	RUSSIA
TX	TEXAS
VERMONT	VERMONT

C.3 Census Tract Aggregate Database
New York City Pedestrian Severe Injury and Fatality Crashes

ObjectID
ESRI object type (Source: ESRI)

SQMI
square miles of tract (Source: ESRI)

STATE_FIPS
State FIPS code (Source: ESRI)

CNTY_FIPS
County FIPS code (Source: US Census Bureau)

STCOFIPS
State and County combined FIPS code (Source: US Census Bureau)

TRACT
Tract FIPS code (Source: US Census Bureau)

FIPS
Entire FIPS code of tract FIPS (Source: US Census Bureau)

POP2000
Tract population in 2000 (Source: US Census Bureau)

POP2003
Estimated population of tract in 2003 (Source: US Census Bureau)

POP00_SQMI
Population density for tract in persons per square mile (Source: US Census Bureau)

WHITE
White population (Source: US Census Bureau)

BLACK
Black population (Source: US Census Bureau)

AMERI_ES
American Eskimo population (Source: US Census Bureau)

ASIAN
Asian population (Source: US Census Bureau)

HAWN_PI
Hawaiian or Pacific Islander population (Source: US Census Bureau)

OTHER
Other population (Source: US Census Bureau)

MULT_RACE
Multiple race population (Source: US Census Bureau)

HISPANIC
Hispanic population (Source: US Census Bureau)

MALES
Male population (Source: US Census Bureau)

FEMALES
Female population (Source: US Census Bureau)

AGE_UNDER5
Population under the age of 5 (Source: US Census Bureau)

AGE_5_17
Population age 5 to 17 (Source: US Census Bureau)

AGE_18_21
Population age 18 to 21 (Source: US Census Bureau)

AGE_22_29
Population age 22 to 29 (Source: US Census Bureau)

AGE_30_39
Population age 30 to 39 (Source: US Census Bureau)

AGE_40_49
Population age 40 to 49 (Source: US Census Bureau)

AGE_50_64
Population age 50 to 64 (Source: US Census Bureau)

AGE_65_UP
Population age 65 and over (Source: US Census Bureau)

MED_AGE
Median age (Source: US Census Bureau)

MED_AGE_M
Median age of males (Source: US Census Bureau)

MED_AGE_F
Median age of females (Source: US Census Bureau)

HOUSEHOLDS
Number of households (Source: US Census Bureau)

AVE_HH_SZ
Average household size (Source: US Census Bureau)

HSEHLD_1_M
Households headed by 1 male (Source: US Census Bureau)

HSEHLD_1_F
Households headed by 1 female (Source: US Census Bureau)

MARHH_CHD
Married households with children (Source: US Census Bureau)

MARHH_NO_C
Married households with no children (Source: US Census Bureau)

MHH_CHILD
Male head of household with children (Source: US Census Bureau)

FHH_CHILD
Female head of household with children (Source: US Census Bureau)

FAMILIES
Number of families (Source: US Census Bureau)

AVE_FAM_SZ
Average family size (Source: US Census Bureau)

HSE_UNITS
Number of housing units (Source: US Census Bureau)

VACANT
Vacant housing units (Source: US Census Bureau)

OWNER_OCC
Owner occupied housing units (Source: US Census Bureau)

RENTER_OCC
Renter occupied housing units (Source: US Census Bureau)

FatalCrash
Number of fatal crashes in the tract from 2002-2006 (Source: US Census Bureau)

SeverCrash
Number of severe injury crashes in the tract from 2002-2006 (Source: NYSDMV)

WRKRS
Workers 16 years and over: Total (Source: NYSDMV)

WRKRS_NAH
Workers 16 years and over: Did not work at home (Source: US Census Bureau SF3)

WAH
Workers 16 years and over: Worked at home (Source: US Census Bureau SF3)

TW_0_29
Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes (Source: US Census Bureau SF3)

TW_0_29PT
Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Public transportation (Source: US Census Bureau SF3)

TW_0_29OM
Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Other means (Source: US Census Bureau SF3)

TW_30_44
Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes (Source: US Census Bureau SF3)

TW_30_44PT
Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Public transportation (Source: US Census Bureau SF3)

TW_30_44OM
Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Other means (Source: US Census Bureau SF3)

TW_45_59
Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes (Source: US Census Bureau SF3)

TW_45_59PT
Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Public transportation (Source: US Census Bureau SF3)

TW_45_59OM
Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Other means (Source: US Census Bureau SF3)

TW_60_M

Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes (Source: US Census Bureau SF3)

TW_60_M_PT
Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Public transportation (Source: US Census Bureau SF3)

TW_60_M_OM
Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Other means (Source: US Census Bureau SF3)

0000_0459
Workers 16 years and over: Time leaving home to go to work; 12:00 a.m. to 4:59 a.m. (Source: US Census Bureau SF3)

0500_0529
Workers 16 years and over: Time leaving home to go to work; 5:00 a.m. to 5:29 a.m. (Source: US Census Bureau SF3)

0530_0559
Workers 16 years and over: Time leaving home to go to work; 5:30 a.m. to 5:59 a.m. (Source: US Census Bureau SF3)

0600_0629
Workers 16 years and over: Time leaving home to go to work; 6:00 a.m. to 6:29 a.m. (Source: US Census Bureau SF3)

0630_0659
Workers 16 years and over: Time leaving home to go to work; 6:30 a.m. to 6:59 a.m. (Source: US Census Bureau SF3)

0700_0729
Workers 16 years and over: Time leaving home to go to work; 7:00 a.m. to 7:29 a.m. (Source: US Census Bureau SF3)

0730_0759
Workers 16 years and over: Time leaving home to go to work; 7:30 a.m. to 7:59 a.m. (Source: US Census Bureau SF3)

0800_0829
Workers 16 years and over: Time leaving home to go to work; 8:00 a.m. to 8:29 a.m. (Source: US Census Bureau SF3)

0830_0859
Workers 16 years and over: Time leaving home to go to work; 8:30 a.m. to 8:59 a.m. (Source: US Census Bureau SF3)

0900_0959

Workers 16 years and over: Time leaving home to go to work; 9:00 a.m. to 9:59 a.m. (Source: US Census Bureau SF3)

1000_1059
Workers 16 years and over: Time leaving home to go to work; 10:00 a.m. to 10:59 a.m. (Source: US Census Bureau SF3)

1100_1159
Workers 16 years and over: Time leaving home to go to work; 11:00 a.m. to 11:59 a.m. (Source: US Census Bureau SF3)

1200_1559
Workers 16 years and over: Time leaving home to go to work; 12:00 p.m. to 3:59 p.m. (Source: US Census Bureau SF3)

1600_2359
Workers 16 years and over: Time leaving home to go to work; 4:00 p.m. to 11:59 p.m. (Source: US Census Bureau SF3)

TW_PV
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van (Source: US Census Bureau SF3)

TW_PV_1
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; Drove alone (Source: US Census Bureau SF3)

TW_PV_CP
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; Carpooled (Source: US Census Bureau SF3)

TW_PV_CP2
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 2-person carpool (Source: US Census Bureau SF3)

TW_PV_CP3
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 3-person carpool (Source: US Census Bureau SF3)

TW_PV_CP4
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 4-person carpool (Source: US Census Bureau SF3)

TW_PV_CP56
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 5- or 6-person carpool (Source: US Census Bureau SF3)

TW_PV_CP7M

Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 7-or-more-person carpool (Source: US Census Bureau SF3)

TW_OM
Workers 16 years and over: Other means including those who worked at home (Source: US Census Bureau SF3)

POP_25T
Population 25 years and over: Total (Source: US Census Bureau SF3)

POP_25M
Population 25 years and over: Male (Source: US Census Bureau SF3)

25M_NS
Population 25 years and over: Male; No schooling completed (Source: US Census Bureau SF3)

25M_N_4
Population 25 years and over: Male; Educational attainment; Nursery to 4th grade (Source: US Census Bureau SF3)

25M_5_6
Population 25 years and over: Male; Educational attainment; 5th and 6th grade (Source: US Census Bureau SF3)

25M_7_8
Population 25 years and over: Male; Educational attainment; 7th and 8th grade (Source: US Census Bureau SF3)

25M_9
Population 25 years and over: Male; Educational attainment; 9th grade (Source: US Census Bureau SF3)

25M_10
Population 25 years and over: Male; Educational attainment; 10th grade (Source: US Census Bureau SF3)

25M_11
Population 25 years and over: Male; Educational attainment; 11th grade (Source: US Census Bureau SF3)

25M_12ND
Population 25 years and over: Male; Educational attainment; 12th grade; no diploma (Source: US Census Bureau SF3)

25M_HSG
Population 25 years and over: Male; High school graduate includes equivalency (Source: US Census Bureau SF3)

25M_L1C
Population 25 years and over: Male; Some college; less than 1 year (Source: US Census Bureau SF3)

25M_M1C_ND
Population 25 years and over: Male; Some college; 1 or more years; no degree (Source: US Census Bureau SF3)

25M_AD
Population 25 years and over: Male; Associate degree (Source: US Census Bureau SF3)

25M_BD
Population 25 years and over: Male; Bachelor's degree (Source: US Census Bureau SF3)

25M_MD
Population 25 years and over: Male; Master's degree (Source: US Census Bureau SF3)

25M_PD
Population 25 years and over: Male; Professional school degree (Source: US Census Bureau SF3)

25M_DD
Population 25 years and over: Male; Doctorate degree (Source: US Census Bureau SF3)

POP_25F
Population 25 years and over: Female (Source: US Census Bureau SF3)

25F_NS
Population 25 years and over: Female; Educational attainment; No schooling completed (Source: US Census Bureau SF3)

25F_N_4
Population 25 years and over: Female; Educational attainment; Nursery to 4th grade (Source: US Census Bureau SF3)

25F_5_6
Population 25 years and over: Female; Educational attainment; 5th and 6th grade (Source: US Census Bureau SF3)

25F_7_8
Population 25 years and over: Female; Educational attainment; 7th and 8th grade (Source: US Census Bureau SF3)

25F_9
Population 25 years and over: Female; Educational attainment; 9th grade (Source: US Census Bureau SF3)

25F_10
Population 25 years and over: Female; Educational attainment; 10th grade (Source: US Census Bureau SF3)

25F_11
Population 25 years and over: Female; Educational attainment; 11th grade (Source: US Census Bureau SF3)

25F_12ND
Population 25 years and over: Female; Educational attainment; 12th grade; no diploma (Source: US Census Bureau SF3)

25F_HSG
Population 25 years and over: Female; High school graduate includes equivalency(Source: US Census Bureau SF3)

25F_L1C
Population 25 years and over: Female; Some college; less than 1 year (Source: US Census Bureau SF3)

25F_M1C_ND
Population 25 years and over: Female; Some college; 1 or more years; no degree (Source: US Census Bureau SF3)

25F_AD
Population 25 years and over: Female; Associate degree (Source: US Census Bureau SF3)

25F_BD
Population 25 years and over: Female; Bachelor's degree (Source: US Census Bureau SF3)

25F_MD
Population 25 years and over: Female; Master's degree (Source: US Census Bureau SF3)

25F_PD
Population 25 years and over: Female; Professional school degree (Source: US Census Bureau SF3)

25F_DD
Population 25 years and over: Female; Doctorate degree (Source: US Census Bureau SF3)

POP_16T
Population 16 years and over: Total (Source: US Census Bureau SF3)

POP_16M
Population 16 years and over: Male (Source: US Census Bureau SF3)

16M_ILF
Population 16 years and over: Male; In labor force (Source: US Census Bureau SF3)

16M_IAF
Population 16 years and over: Male; In labor force; In Armed Forces (Source: US Census Bureau SF3)

16M_ILFC
Population 16 years and over: Male; In labor force; Civilian (Source: US Census Bureau SF3)

16M_ILFCE
Population 16 years and over: Male; In labor force; Civilian; Employed (Source: US Census Bureau SF3)

16M_ILFCU
Population 16 years and over: Male; In labor force; Civilian; Unemployed (Source: US Census Bureau SF3)

16M_NILF
Population 16 years and over: Male; Not in labor force (Source: US Census Bureau SF3)

POP_16F
Population 16 years and over: Female (Source: US Census Bureau SF3)

16F_ILF
Population 16 years and over: Female; In labor force (Source: US Census Bureau SF3)

16F_IAF
Population 16 years and over: Female; In labor force; In Armed Forces (Source: US Census Bureau SF3)

16F_ILFC
Population 16 years and over: Female; In labor force; Civilian (Source: US Census Bureau SF3)

16F_ILFCE
Population 16 years and over: Female; In labor force; Civilian; Employed (Source: US Census Bureau SF3)

16F_ILFCU
Population 16 years and over: Female; In labor force; Civilian; Unemployed (Source: US Census Bureau SF3)

16F_NILF
Population 16 years and over: Female; Not in labor force (Source: US Census Bureau SF3)

MED_HH_INC
Households: Median household income in 1999 (Source: US Census Bureau SF3)

POP_PVSTD

Population for whom poverty status is determined: Total (Source: US Census Bureau SF3)

POP_BPVL
Population for whom poverty status is determined: Income in 1999 below poverty level (Source: US Census Bureau SF3)

BPVL_0_4
Population for whom poverty status is determined: Income in 1999 below poverty level; Under 5 years (Source: US Census Bureau SF3)

BPVL_5
Population for whom poverty status is determined: Income in 1999 below poverty level; 5 years (Source: US Census Bureau SF3)

BPVL_6_11
Population for whom poverty status is determined: Income in 1999 below poverty level; 6 to 11 years (Source: US Census Bureau SF3)

BPVL_12_17
Population for whom poverty status is determined: Income in 1999 below poverty level; 12 to 17 years (Source: US Census Bureau SF3)

BPVL_18_64
Population for whom poverty status is determined: Income in 1999 below poverty level; 18 to 64 years (Source: US Census Bureau SF3)

BPVL_65_74
Population for whom poverty status is determined: Income in 1999 below poverty level; 65 to 74 years (Source: US Census Bureau SF3)

BPVL_75_O
Population for whom poverty status is determined: Income in 1999 below poverty level; 75 years and over (Source: US Census Bureau SF3)

POP_APVL
Population for whom poverty status is determined: Income in 1999 at or above poverty level (Source: US Census Bureau SF3)

APVL_0_4
Population for whom poverty status is determined: Income in 1999 at or above poverty level; Under 5 years (Source: US Census Bureau SF3)

APVL_5
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 5 years (Source: US Census Bureau SF3)

APVL_6_11

Population for whom poverty status is determined: Income in 1999 at or above poverty level; 6 to 11 years (Source: US Census Bureau SF3)

APVL_12_17
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 12 to 17 years (Source: US Census Bureau SF3)

APVL_18_64
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 18 to 64 years (Source: US Census Bureau SF3)

APVL_65_74
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 65 to 74 years (Source: US Census Bureau SF3)

APVL_75_O
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 75 years and over (Source: US Census Bureau SF3)

P020001
Households: Total (Source: US Census Bureau)

P020002
Households: English (Source: US Census Bureau SF3)

P020003
Households: Spanish (Source: US Census Bureau SF3)

P020004
Households: Spanish; Linguistically isolated (Source: US Census Bureau SF3)

P020005
Households: Spanish; Not linguistically isolated (Source: US Census Bureau SF3)

P020006
Households: Other Indo-European languages (Source: US Census Bureau SF3)

P020007
Households: Other Indo-European languages; Linguistically isolated (Source: US Census Bureau SF3)

P020008
Households: Other Indo-European languages; Not linguistically isolated (Source: US Census Bureau SF3)

P020009
Households: Asian and Pacific Island languages (Source: US Census Bureau SF3)

P020010
Households: Asian and Pacific Island languages; Linguistically isolated (Source: US Census Bureau SF3)

P020011
Households: Asian and Pacific Island languages; Not linguistically isolated (Source: US Census Bureau SF3)

P020012
Households: Other languages (Source: US Census Bureau SF3)

P020013
Households: Other languages; Linguistically isolated (Source: US Census Bureau SF3)

P020014
Households: Other languages; Not linguistically isolated (Source: US Census Bureau SF3)

P021001
Total population: Total (Source: US Census Bureau SF3)

P021002
Total population: Native (Source: US Census Bureau SF3)

P021003
Total population: Native; Born in state of residence (Source: US Census Bureau SF3)

P021004
Total population: Native; Born in other state in the United States (Source: US Census Bureau SF3)

P021005
Total population: Native; Born in other state in the United States; Northeast (Source: US Census Bureau SF3)

P021006
Total population: Native; Born in other state in the United States; Midwest (Source: US Census Bureau SF3)

P021007
Total population: Native; Born in other state in the United States; South (Source: US Census Bureau SF3)

P021008
Total population: Native; Born in other state in the United States; West (Source: US Census Bureau SF3)

P021009
Total population: Native; Born outside the United States (Source: US Census Bureau SF3)

P021010
Total population: Native; Born outside the United States; Puerto Rico (Source: US Census Bureau SF3)

P021011
Total population: Native; Born outside the United States; U.S. Island Areas (Source: US Census Bureau SF3)

P021012
Total population: Native; Born outside the United States; Born abroad of American parent (Source: US Census Bureau SF3)

P021013
Total population: Foreign born (Source: US Census Bureau SF3)

P021014
Total population: Foreign born; Naturalized citizen (Source: US Census Bureau SF3)

P021015
Total population: Foreign born; Not a citizen (Source: US Census Bureau SF3)

H046001
Occupied housing units: Aggregate number of vehicles available (Source: US Census Bureau SF3)

H046002
Occupied housing units: Aggregate number of vehicles available; Owner occupied (Source: US Census Bureau SF3)

H046003
Occupied housing units: Aggregate number of vehicles available; Renter occupied (Source: US Census Bureau SF3)

PCT020001
Foreign-born population: Total (Source: US Census Bureau SF3)

PCT020002
Foreign-born population: Place of Birth; Europe (Source: US Census Bureau SF3)

PCT020003
Foreign-born population: Place of Birth; Europe; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020004
Foreign-born population: Place of Birth; Europe; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020005
Foreign-born population: Place of Birth; Europe; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020006
Foreign-born population: Place of Birth; Europe; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020007
Foreign-born population: Place of Birth; Europe; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020008
Foreign-born population: Place of Birth; Europe; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020009
Foreign-born population: Place of Birth; Europe; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020010
Foreign-born population: Place of Birth; Europe; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020011
Foreign-born population: Place of Birth; Europe; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020012
Foreign-born population: Place of Birth; Asia (Source: US Census Bureau SF3)

PCT020013
Foreign-born population: Place of Birth; Asia; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020014
Foreign-born population: Place of Birth; Asia; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020015
Foreign-born population: Place of Birth; Asia; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020016
Foreign-born population: Place of Birth; Asia; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020017

Foreign-born population: Place of Birth; Asia; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020018
Foreign-born population: Place of Birth; Asia; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020019
Foreign-born population: Place of Birth; Asia; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020020
Foreign-born population: Place of Birth; Asia; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020021
Foreign-born population: Place of Birth; Asia; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020022
Foreign-born population: Place of Birth; Africa (Source: US Census Bureau SF3)

PCT020023
Foreign-born population: Place of Birth; Africa; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020024
Foreign-born population: Place of Birth; Africa; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020025
Foreign-born population: Place of Birth; Africa; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020026
Foreign-born population: Place of Birth; Africa; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020027
Foreign-born population: Place of Birth; Africa; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020028
Foreign-born population: Place of Birth; Africa; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020029

Foreign-born population: Place of Birth; Africa; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020030
Foreign-born population: Place of Birth; Africa; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020031
Foreign-born population: Place of Birth; Africa; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020032
Foreign-born population: Place of Birth; Oceania (Source: US Census Bureau SF3)

PCT020033
Foreign-born population: Place of Birth; Oceania; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020034
Foreign-born population: Place of Birth; Oceania; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020035
Foreign-born population: Place of Birth; Oceania; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020036
Foreign-born population: Place of Birth; Oceania; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020037
Foreign-born population: Place of Birth; Oceania; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020038
Foreign-born population: Place of Birth; Oceania; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020039
Foreign-born population: Place of Birth; Oceania; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020040
Foreign-born population: Place of Birth; Oceania; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020041

Foreign-born population: Place of Birth; Oceania; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020042
Foreign-born population: Place of Birth; Americas (Source: US Census Bureau SF3)

PCT020043
Foreign-born population: Place of Birth; Latin America (Source: US Census Bureau SF3)

PCT020044
Foreign-born population: Place of Birth; Caribbean (Source: US Census Bureau SF3)

PCT020045
Foreign-born population: Place of Birth; Caribbean; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020046
Foreign-born population: Place of Birth; Caribbean; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020047
Foreign-born population: Place of Birth; Caribbean; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020048
Foreign-born population: Place of Birth; Caribbean; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020049
Foreign-born population: Place of Birth; Caribbean; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020050
Foreign-born population: Place of Birth; Caribbean; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020051
Foreign-born population: Place of Birth; Caribbean; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020052
Foreign-born population: Place of Birth; Caribbean; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020053
Foreign-born population: Place of Birth; Caribbean; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020054
Foreign-born population: Place of Birth; Central America (Source: US Census Bureau SF3)

PCT020055
Foreign-born population: Place of Birth; Central America; Mexico (Source: US Census Bureau SF3)

PCT020056
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020057
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020058
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020059
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020060
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020061
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020062
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020063
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020064
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020065
Foreign-born population: Place of Birth; Central America; Other Central America (Source: US Census Bureau SF3)

PCT020066

Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020067
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020068
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020069
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020070
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020071
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020072
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020073
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020074
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020075
Foreign-born population: Place of Birth; South America (Source: US Census Bureau SF3)

PCT020076
Foreign-born population: Place of Birth; South America; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020077
Foreign-born population: Place of Birth; South America; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020078

Foreign-born population: Place of Birth; South America; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020079
Foreign-born population: Place of Birth; South America; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020080
Foreign-born population: Place of Birth; South America; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020081
Foreign-born population: Place of Birth; South America; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020082
Foreign-born population: Place of Birth; South America; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020083
Foreign-born population: Place of Birth; South America; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020084
Foreign-born population: Place of Birth; South America; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020085
Foreign-born population: Place of Birth; Northern America (Source: US Census Bureau SF3)

PCT020086
Foreign-born population: Place of Birth; Northern America; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020087
Foreign-born population: Place of Birth; Northern America; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020088
Foreign-born population: Place of Birth; Northern America; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020089
Foreign-born population: Place of Birth; Northern America; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020090

Foreign-born population: Place of Birth; Northern America; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020091
Foreign-born population: Place of Birth; Northern America; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020092
Foreign-born population: Place of Birth; Northern America; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020093
Foreign-born population: Place of Birth; Northern America; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020094
Foreign-born population: Place of Birth; Northern America; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020095
Foreign-born population: Born at sea (Source: US Census Bureau SF3)

PCT020096
Foreign-born population: Born at sea; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020097
Foreign-born population: Born at sea; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020098
Foreign-born population: Born at sea; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020099
Foreign-born population: Born at sea; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020100
Foreign-born population: Born at sea; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020101
Foreign-born population: Born at sea; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020102

Foreign-born population: Born at sea; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020103
Foreign-born population: Born at sea; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020104
Foreign-born population: Born at sea; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT021001
Population 5 years and over: Total (Source: US Census Bureau SF3)

PCT021002
Population 5 years and over: Same house in 1995 (Source: US Census Bureau SF3)

PCT021003
Population 5 years and over: Different house in 1995 (Source: US Census Bureau SF3)

PCT021004
Population 5 years and over: Different house in 1995; In United States in 1995 (Source: US Census Bureau SF3)

PCT021005
Population 5 years and over: Different house in 1995; In United States in 1995; Same city or town (Source: US Census Bureau SF3)

PCT021006
Population 5 years and over: Different house in 1995; In United States in 1995; Same city or town; Same county (Source: US Census Bureau SF3)

PCT021007
Population 5 years and over: Different house in 1995; In United States in 1995; Same city or town; Different county same state (Source: US Census Bureau SF3)

PCT021008
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town (Source: US Census Bureau SF3)

PCT021009
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Same county (Source: US Census Bureau SF3)

PCT021010
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county (Source: US Census Bureau SF3)

PCT021011
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Same state (Source: US Census Bureau SF3)

PCT021012
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state (Source: US Census Bureau SF3)

PCT021013
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; Northeast (Source: US Census Bureau SF3)

PCT021014
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; Midwest (Source: US Census Bureau SF3)

PCT021015
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; South (Source: US Census Bureau SF3)

PCT021016
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; West (Source: US Census Bureau SF3)

PCT021017
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995 (Source: US Census Bureau SF3)

PCT021018
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; same city or town (Source: US Census Bureau SF3)

PCT021019
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; Not same city or town (Source: US Census Bureau SF3)

PCT021020
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; Not same city or town; Same municipality (Source: US Census Bureau SF3)

PCT021021
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; Not same city or town; Different municipality (Source: US Census Bureau SF3)

PCT021022
Population 5 years and over: Different house in 1995; Elsewhere in 1995 (Source: US Census Bureau SF3)

PCT021023
Population 5 years and over: Different house in 1995; Elsewhere in 1995; U.S. Island Areas (Source: US Census Bureau SF3)

PCT021024
Population 5 years and over: Different house in 1995; Elsewhere in 1995; Foreign country or at sea (Source: US Census Bureau SF3)

CPZ_AL
All Workers who commute to tract for work; For All 8 Categories Of Means Of Transportation To Work; For All 4 Categories Of Time Leaving Home To Go To Work (Source: US Census Bureau SF3)

CPZ_D1
All Workers who commute to tract for work; Who Drove Alone; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_D2
All Workers who commute to tract for work; Who Travel To Work By 2-Person Carpool; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_3M
All Workers who commute to tract for work; Who Travel To Work By 3-Or-More-Person Carpool; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_BUS
All Workers who commute to tract for work; Who Travel To Work By Bus Or Trolley Bus; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_RAIL
All Workers who commute to tract for work; Who Travel To Work By Streetcar, Subway, Railroad Or Ferryboat; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_OTH
All Workers who commute to tract for work; Who Travel To Work By Bicycle, Walked, Taxicab, Motorcycle Or Other Means; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

Sum_LotAre
Square footage of lots in tract (Source: CTPP)

Sum_BldgAr
Square footage of buildings in tract (Source: PLUTO)

Sum_ComAre
square footage of commercial area (Source: PLUTO)

Sum_ResAre
square footage of residential area (Source: PLUTO)

Sum_Office
square footage of office area (Source: PLUTO)

Sum_Retail
square footage of retail area (Source: PLUTO)

Sum_Garage
square footage of garage area (Source: PLUTO)

Sum_StrgeA
square footage of storage area (Source: PLUTO)

Sum_Factry
square footage of factory area (Source: PLUTO)

Sum_OtherA
square footage of other area (Source: PLUTO)

Sum_NumBld
Total Number of buildings on tract (Source: PLUTO)

Sum_NumFlo
Total Number of floors on tract (Source: PLUTO)

Sum_UnitsR
Total Number of residential units on tract (Source: PLUTO)

Sum_UnitsT
Total Number of all units on tract (Source: PLUTO)

Sum_LU_01
square footage of 1 & 2 family residential land use in tract (Source: PLUTO)

Sum_LU_02
square footage of multi family residential land use in tract (Source: PLUTO)

Sum_LU_03
square footage of mixed residential and commercial land use in tract (Source: PLUTO)

Sum_LU_04
square footage of commercial/office land use in tract (Source: PLUTO)

Sum_LU_05
square footage of industrial/manufacturing land use in tract (Source: PLUTO)

Sum_LU_06
square footage of transportation/utility land use in tract (Source: PLUTO)

Sum_LU_07
square footage of public facilities and institutions land use in tract (Source: PLUTO)

Sum_LU_08
square footage of open space land use in tract (Source: PLUTO)

Sum_LU_09
square footage of parking facilities land use in tract (Source: PLUTO)

Sum_LU_10
square footage of vacant land use in tract (Source: PLUTO)

Sum_LU_11
square footage of miscellaneous land use in tract (Source: PLUTO)

Schools
Number of schools in tract (Source: PLUTO)

Parks
Number of parks in tract (Source: NYCDCP)

Prk_Acres
Total number of acres of parks in tract (Source: NYCDCP)

AWS
All way stop intersections (Source: NYCDCP)

SOM
Stop on minor intersections (Source: NYCDOT)

SIG
Signalized intersections (Source: NYCDOT)

3WAY_INT
3 approach intersections (Source: NYCDOT)

4WAY_INT
4 approach intersections (Source: NYCDOT)

5MWAY_INT
5 or more approach intersections (Source: NYCDOT)

FCC_A1
Length of roadways in miles in tract classified as primary highways with limited access (Source: NYCDOT)

FCC_A2
Length of roadways in miles in tract classified as primary roads without limited access (Source: NYS ALIS, GDT:FCC)

FCC_A3
Length of roadways in miles in tract classified as secondary and connecting roads (Source: NYS ALIS, GDT:FCC)

FCC_A4
Length of roadways in miles in tract classified as local, neighborhood, and rural roads (Source: NYS ALIS, GDT:FCC)

FCC_A6
Length of roadways in miles in tract classified as roads with special characteristics (Source: NYS ALIS, GDT:FCC)

FCC_A7
Length of roadways in miles in tract classified as other thoroughfare (Source: NYS ALIS, GDT:FCC)

Length
Length of roads in miles in tract (Source: NYS ALIS, GDT:FCC)

TRAV_1
Length of roads in miles in tract with 1 travel lane (Source: NYCDOT)

TRAV_2
Length of roads in miles in tract with 2 travel lanes (Source: NYCDOT)

TRAV_3
Length of roads in miles in tract with 3 travel lanes (Source: NYCDOT)

TRAV_4
Length of roads in miles in tract with 4 travel lanes (Source: NYCDOT)

TRAV_5
Length of roads in miles in tract with 5 or more travel lanes (Source: NYCDOT)

PRK_1
Length of roads in miles in tract with 1 parking lane (Source: NYCDOT)

PRK_2M
Length of roads in miles in tract with 2 or more parking lanes (Source: NYCDOT)

W_LT30
Length of roads in miles in tract with lane widths less than 30 feet (Source: NYCDOT)

W_30_34
Length of roads in miles in tract with lane widths of 30 to 34 feet (Source: NYCDOT)

W_35_39
Length of roads in miles in tract with lane widths of 35 to 39 feet (Source: NYCDOT)

W_40_44
Length of roads in miles in tract with lane widths of 40 to 44 feet (Source: NYCDOT)

W_45_49
Length of roads in miles in tract with lane widths of 45 to 49 feet (Source: NYCDOT)

W_50_54
Length of roads in miles in tract with lane widths of 50 to 54 feet (Source: NYCDOT)

W_55_59
Length of roads in miles in tract with lane widths of 55 to 59 feet (Source: NYCDOT)

W_60_64
Length of roads in miles in tract with lane widths of 60 to 64 feet (Source: NYCDOT)

W_65_69
Length of roads in miles in tract with lane widths of 65 to 69 feet (Source: NYCDOT)

W_70M
Length of roads in miles in tract with lane widths 70 feet or more (Source: NYCDOT)

Trck_Rts
Length of truck routes in miles in tract (Source: NYCDOT)

OneWay
Length of one-way streets in miles in tract (Source: NYCDOT)

TwoWay
Length of two-way streets in miles in tract (Source: NYCDOT)

Sub_St
Subway stations in tract (Source: NYCDOT)

Sub_Rdr
Yearly subway ridership for tract (Source: NYCDOT)

Bus_Rts
Length of bus routes in miles in tract (Source: NYCDOT)

Bus_AMcap
AM capacity of buses per hour in tract (Source: NYCDOT)

Bus_Stops
Bus stops in tract (Source: NYCDOT)

OW1L
Length of One-Way, 1 travel lane roads in tract (Source: NYCDOT)

OW2L
Length of One-Way, 2 travel lane roads in tract (Source: NYCDOT)

OW3L
Length of One-Way, 3 travel lane roads in tract (Source: NYCDOT)

OW4L
Length of One-Way, 4 or more travel lane roads in tract (Source: NYCDOT)

TW1L
Length of Two-Way, 1 travel lane roads in tract (Source: NYCDOT)

TW2L
Length of Two-Way, 2 travel lane roads in tract (Source: NYCDOT)

TW3L
Length of Two-Way, 3 travel lane roads in tract (Source: NYCDOT)

TW4L
Length of Two-Way, 4 or more travel lane roads in tract (Source: NYCDOT)

C.3 Zip Code Aggregate Database
New York City Pedestrian Severe Injury and Fatality Crashes

ObjectID
ESRI object type (Source: ESRI)

ZIP
5 Digit Zip Code (actual boundaries are those of census tracts that have their centroids within particular zip code boundaries) (Source: USPS)

PO_NAME
Zip code place name (Source: USPS)

SQMI
square miles of tracts that fall inside zip (Source: ESRI)

POP2000
Zip population in 2000 (Source: US Census Bureau)

POP2003
Estimated population of zip in 2003 (Source: US Census Bureau)

POP00_SQMI
Population density for zip in persons per square mile (Source: US Census Bureau)

WHITE
White population (Source: US Census Bureau)

BLACK
Black population (Source: US Census Bureau)

AMERI_ES
American Eskimo population (Source: US Census Bureau)

ASIAN
Asian population (Source: US Census Bureau)

HAWN_PI
Hawaiian or Pacific Islander population (Source: US Census Bureau)

OTHER
Other population (Source: US Census Bureau)

MULT_RACE
Multiple race population (Source: US Census Bureau)

HISPANIC

Hispanic population (Source: US Census Bureau)

MALES
Male population (Source: US Census Bureau)

FEMALES
Female population (Source: US Census Bureau)

AGE_UNDER5
Population under the age of 5 (Source: US Census Bureau)

AGE_5_17
Population age 5 to 17 (Source: US Census Bureau)

AGE_18_21
Population age 18 to 21 (Source: US Census Bureau)

AGE_22_29
Population age 22 to 29 (Source: US Census Bureau)

AGE_30_39
Population age 30 to 39 (Source: US Census Bureau)

AGE_40_49
Population age 40 to 49 (Source: US Census Bureau)

AGE_50_64
Population age 50 to 64 (Source: US Census Bureau)

AGE_65_UP
Population age 65 and over (Source: US Census Bureau)

MED_AGE
Median age (Source: US Census Bureau)

MED_AGE_M
Median age of males (Source: US Census Bureau)

MED_AGE_F
Median age of females (Source: US Census Bureau)

HOUSEHOLDS
Number of households (Source: US Census Bureau)

AVE_HH_SZ
Average household size (Source: US Census Bureau)

HSEHLD_1_M
Households headed by 1 male (Source: US Census Bureau)

HSEHLD_1_F
Households headed by 1 female (Source: US Census Bureau)

MARHH_CHD
Married households with children (Source: US Census Bureau)

MARHH_NO_C
Married households with no children (Source: US Census Bureau)

MHH_CHILD
Male head of household with children (Source: US Census Bureau)

FHH_CHILD
Female head of household with children (Source: US Census Bureau)

FAMILIES
Number of families (Source: US Census Bureau)

AVE_FAM_SZ
Average family size (Source: US Census Bureau)

HSE_UNITS
Number of housing units (Source: US Census Bureau)

VACANT
Vacant housing units (Source: US Census Bureau)

OWNER_OCC
Owner occupied housing units (Source: US Census Bureau)

RENTER_OCC
Renter occupied housing units (Source: US Census Bureau)

FatalCrash
Number of fatal crashes in the zip from 2002-2006 (Source: US Census Bureau)

SeverCrash
Number of severe injury crashes in the zip from 2002-2006 (Source: NYSDMV)

WRKRS
Workers 16 years and over: Total (Source: NYSDMV)

WRKRS_NAH
Workers 16 years and over: Did not work at home (Source: US Census Bureau SF3)

WAH
Workers 16 years and over: Worked at home (Source: US Census Bureau SF3)

TW_0_29
Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes (Source: US Census Bureau SF3)

TW_0_29PT
Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Public transportation (Source: US Census Bureau SF3)

TW_0_29OM
Workers 16 years and over who did not work at home: Travel time to work; Less than 30 minutes; Other means (Source: US Census Bureau SF3)

TW_30_44
Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes (Source: US Census Bureau SF3)

TW_30_44PT
Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Public transportation (Source: US Census Bureau SF3)

TW_30_44OM
Workers 16 years and over who did not work at home: Travel time to work; 30 to 44 minutes; Other means (Source: US Census Bureau SF3)

TW_45_59
Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes (Source: US Census Bureau SF3)

TW_45_59PT
Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Public transportation (Source: US Census Bureau SF3)

TW_45_59OM
Workers 16 years and over who did not work at home: Travel time to work; 45 to 59 minutes; Other means (Source: US Census Bureau SF3)

TW_60_M
Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes (Source: US Census Bureau SF3)

TW_60_M_PT
Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Public transportation (Source: US Census Bureau SF3)

TW_60_M_OM
Workers 16 years and over who did not work at home: Travel time to work; 60 or more minutes; Other means (Source: US Census Bureau SF3)

0000_0459
Workers 16 years and over: Time leaving home to go to work; 12:00 a.m. to 4:59 a.m. (Source: US Census Bureau SF3)

0500_0529
Workers 16 years and over: Time leaving home to go to work; 5:00 a.m. to 5:29 a.m. (Source: US Census Bureau SF3)

0530_0559
Workers 16 years and over: Time leaving home to go to work; 5:30 a.m. to 5:59 a.m. (Source: US Census Bureau SF3)

0600_0629
Workers 16 years and over: Time leaving home to go to work; 6:00 a.m. to 6:29 a.m. (Source: US Census Bureau SF3)

0630_0659
Workers 16 years and over: Time leaving home to go to work; 6:30 a.m. to 6:59 a.m. (Source: US Census Bureau SF3)

0700_0729
Workers 16 years and over: Time leaving home to go to work; 7:00 a.m. to 7:29 a.m. (Source: US Census Bureau SF3)

0730_0759
Workers 16 years and over: Time leaving home to go to work; 7:30 a.m. to 7:59 a.m. (Source: US Census Bureau SF3)

0800_0829
Workers 16 years and over: Time leaving home to go to work; 8:00 a.m. to 8:29 a.m. (Source: US Census Bureau SF3)

0830_0859
Workers 16 years and over: Time leaving home to go to work; 8:30 a.m. to 8:59 a.m. (Source: US Census Bureau SF3)

0900_0959
Workers 16 years and over: Time leaving home to go to work; 9:00 a.m. to 9:59 a.m. (Source: US Census Bureau SF3)

1000_1059
Workers 16 years and over: Time leaving home to go to work; 10:00 a.m. to 10:59 a.m. (Source: US Census Bureau SF3)

1100_1159
Workers 16 years and over: Time leaving home to go to work; 11:00 a.m. to 11:59 a.m. (Source: US Census Bureau SF3)

1200_1559
Workers 16 years and over: Time leaving home to go to work; 12:00 p.m. to 3:59 p.m. (Source: US Census Bureau SF3)

1600_2359
Workers 16 years and over: Time leaving home to go to work; 4:00 p.m. to 11:59 p.m. (Source: US Census Bureau SF3)

TW_PV
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van (Source: US Census Bureau SF3)

TW_PV_1
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; Drove alone (Source: US Census Bureau SF3)

TW_PV_CP
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; Carpooled (Source: US Census Bureau SF3)

TW_PV_CP2
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 2-person carpool (Source: US Census Bureau SF3)

TW_PV_CP3
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 3-person carpool (Source: US Census Bureau SF3)

TW_PV_CP4
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 4-person carpool (Source: US Census Bureau SF3)

TW_PV_CP56
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 5- or 6-person carpool (Source: US Census Bureau SF3)

TW_PV_CP7M
Workers 16 years and over: Private vehicle occupancy; Car; truck; or van; In 7-or-more-person carpool (Source: US Census Bureau SF3)

TW_OM
Workers 16 years and over: Other means including those who worked at home (Source: US Census Bureau SF3)

POP_25T
Population 25 years and over: Total (Source: US Census Bureau SF3)

POP_25M
Population 25 years and over: Male (Source: US Census Bureau SF3)

25M_NS
Population 25 years and over: Male; No schooling completed (Source: US Census Bureau SF3)

25M_N_4
Population 25 years and over: Male; Educational attainment; Nursery to 4th grade (Source: US Census Bureau SF3)

25M_5_6
Population 25 years and over: Male; Educational attainment; 5th and 6th grade (Source: US Census Bureau SF3)

25M_7_8
Population 25 years and over: Male; Educational attainment; 7th and 8th grade (Source: US Census Bureau SF3)

25M_9
Population 25 years and over: Male; Educational attainment; 9th grade (Source: US Census Bureau SF3)

25M_10
Population 25 years and over: Male; Educational attainment; 10th grade (Source: US Census Bureau SF3)

25M_11
Population 25 years and over: Male; Educational attainment; 11th grade (Source: US Census Bureau SF3)

25M_12ND
Population 25 years and over: Male; Educational attainment; 12th grade; no diploma (Source: US Census Bureau SF3)

25M_HSG
Population 25 years and over: Male; High school graduate includes equivalency (Source: US Census Bureau SF3)

25M_L1C
Population 25 years and over: Male; Some college; less than 1 year (Source: US Census Bureau SF3)

25M_M1C_ND

Population 25 years and over: Male; Some college; 1 or more years; no degree (Source: US Census Bureau SF3)

25M_AD
Population 25 years and over: Male; Associate degree (Source: US Census Bureau SF3)

25M_BD
Population 25 years and over: Male; Bachelor's degree (Source: US Census Bureau SF3)

25M_MD
Population 25 years and over: Male; Master's degree (Source: US Census Bureau SF3)

25M_PD
Population 25 years and over: Male; Professional school degree (Source: US Census Bureau SF3)

25M_DD
Population 25 years and over: Male; Doctorate degree (Source: US Census Bureau SF3)

POP_25F
Population 25 years and over: Female (Source: US Census Bureau SF3)

25F_NS
Population 25 years and over: Female; Educational attainment; No schooling completed (Source: US Census Bureau SF3)

25F_N_4
Population 25 years and over: Female; Educational attainment; Nursery to 4th grade (Source: US Census Bureau SF3)

25F_5_6
Population 25 years and over: Female; Educational attainment; 5th and 6th grade (Source: US Census Bureau SF3)

25F_7_8
Population 25 years and over: Female; Educational attainment; 7th and 8th grade (Source: US Census Bureau SF3)

25F_9
Population 25 years and over: Female; Educational attainment; 9th grade (Source: US Census Bureau SF3)

25F_10
Population 25 years and over: Female; Educational attainment; 10th grade (Source: US Census Bureau SF3)

25F_11

Population 25 years and over: Female; Educational attainment; 11th grade (Source: US Census Bureau SF3)

25F_12ND
Population 25 years and over: Female; Educational attainment; 12th grade; no diploma (Source: US Census Bureau SF3)

25F_HSG
Population 25 years and over: Female; High school graduate includes equivalency(Source: US Census Bureau SF3)

25F_L1C
Population 25 years and over: Female; Some college; less than 1 year (Source: US Census Bureau SF3)

25F_M1C_ND
Population 25 years and over: Female; Some college; 1 or more years; no degree (Source: US Census Bureau SF3)

25F_AD
Population 25 years and over: Female; Associate degree (Source: US Census Bureau SF3)

25F_BD
Population 25 years and over: Female; Bachelor's degree (Source: US Census Bureau SF3)

25F_MD
Population 25 years and over: Female; Master's degree (Source: US Census Bureau SF3)

25F_PD
Population 25 years and over: Female; Professional school degree (Source: US Census Bureau SF3)

25F_DD
Population 25 years and over: Female; Doctorate degree (Source: US Census Bureau SF3)

POP_16T
Population 16 years and over: Total (Source: US Census Bureau SF3)

POP_16M
Population 16 years and over: Male (Source: US Census Bureau SF3)

16M_ILF
Population 16 years and over: Male; In labor force (Source: US Census Bureau SF3)

16M_IAF
Population 16 years and over: Male; In labor force; In Armed Forces (Source: US

Census Bureau SF3)

16M_ILFC
Population 16 years and over: Male; In labor force; Civilian (Source: US Census Bureau SF3)

16M_ILFCE
Population 16 years and over: Male; In labor force; Civilian; Employed (Source: US Census Bureau SF3)

16M_ILFCU
Population 16 years and over: Male; In labor force; Civilian; Unemployed (Source: US Census Bureau SF3)

16M_NILF
Population 16 years and over: Male; Not in labor force (Source: US Census Bureau SF3)

POP_16F
Population 16 years and over: Female (Source: US Census Bureau SF3)

16F_ILF
Population 16 years and over: Female; In labor force (Source: US Census Bureau SF3)

16F_IAF
Population 16 years and over: Female; In labor force; In Armed Forces (Source: US Census Bureau SF3)

16F_ILFC
Population 16 years and over: Female; In labor force; Civilian (Source: US Census Bureau SF3)

16F_ILFCE
Population 16 years and over: Female; In labor force; Civilian; Employed (Source: US Census Bureau SF3)

16F_ILFCU
Population 16 years and over: Female; In labor force; Civilian; Unemployed (Source: US Census Bureau SF3)

16F_NILF
Population 16 years and over: Female; Not in labor force (Source: US Census Bureau SF3)

MED_HH_INC
Households: Median household income in 1999 (Source: US Census Bureau SF3)

POP_PVSTD
Population for whom poverty status is determined: Total (Source: US Census Bureau SF3)

POP_BPVL
Population for whom poverty status is determined: Income in 1999 below poverty level

(Source: US Census Bureau SF3)

BPVL_0_4
Population for whom poverty status is determined: Income in 1999 below poverty level; Under 5 years (Source: US Census Bureau SF3)

BPVL_5
Population for whom poverty status is determined: Income in 1999 below poverty level; 5 years (Source: US Census Bureau SF3)

BPVL_6_11
Population for whom poverty status is determined: Income in 1999 below poverty level; 6 to 11 years (Source: US Census Bureau SF3)

BPVL_12_17
Population for whom poverty status is determined: Income in 1999 below poverty level; 12 to 17 years (Source: US Census Bureau SF3)

BPVL_18_64
Population for whom poverty status is determined: Income in 1999 below poverty level; 18 to 64 years (Source: US Census Bureau SF3)

BPVL_65_74
Population for whom poverty status is determined: Income in 1999 below poverty level; 65 to 74 years (Source: US Census Bureau SF3)

BPVL_75_O
Population for whom poverty status is determined: Income in 1999 below poverty level; 75 years and over (Source: US Census Bureau SF3)

POP_APVL
Population for whom poverty status is determined: Income in 1999 at or above poverty level (Source: US Census Bureau SF3)

APVL_0_4
Population for whom poverty status is determined: Income in 1999 at or above poverty level; Under 5 years (Source: US Census Bureau SF3)

APVL_5
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 5 years (Source: US Census Bureau SF3)

APVL_6_11
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 6 to 11 years (Source: US Census Bureau SF3)

APVL_12_17

Population for whom poverty status is determined: Income in 1999 at or above poverty level; 12 to 17 years (Source: US Census Bureau SF3)

APVL_18_64
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 18 to 64 years (Source: US Census Bureau SF3)

APVL_65_74
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 65 to 74 years (Source: US Census Bureau SF3)

APVL_75_O
Population for whom poverty status is determined: Income in 1999 at or above poverty level; 75 years and over (Source: US Census Bureau SF3)

P020001
Households: Total (Source: US Census Bureau)

P020002
Households: English (Source: US Census Bureau SF3)

P020003
Households: Spanish (Source: US Census Bureau SF3)

P020004
Households: Spanish; Linguistically isolated (Source: US Census Bureau SF3)

P020005
Households: Spanish; Not linguistically isolated (Source: US Census Bureau SF3)

P020006
Households: Other Indo-European languages (Source: US Census Bureau SF3)

P020007
Households: Other Indo-European languages; Linguistically isolated (Source: US Census Bureau SF3)

P020008
Households: Other Indo-European languages; Not linguistically isolated (Source: US Census Bureau SF3)

P020009
Households: Asian and Pacific Island languages (Source: US Census Bureau SF3)

P020010
Households: Asian and Pacific Island languages; Linguistically isolated (Source: US Census Bureau SF3)

P020011
Households: Asian and Pacific Island languages; Not linguistically isolated (Source: US Census Bureau SF3)

P020012
Households: Other languages (Source: US Census Bureau SF3)

P020013
Households: Other languages; Linguistically isolated (Source: US Census Bureau SF3)

P020014
Households: Other languages; Not linguistically isolated (Source: US Census Bureau SF3)

P021001
Total population: Total (Source: US Census Bureau SF3)

P021002
Total population: Native (Source: US Census Bureau SF3)

P021003
Total population: Native; Born in state of residence (Source: US Census Bureau SF3)

P021004
Total population: Native; Born in other state in the United States (Source: US Census Bureau SF3)

P021005
Total population: Native; Born in other state in the United States; Northeast (Source: US Census Bureau SF3)

P021006
Total population: Native; Born in other state in the United States; Midwest (Source: US Census Bureau SF3)

P021007
Total population: Native; Born in other state in the United States; South (Source: US Census Bureau SF3)

P021008
Total population: Native; Born in other state in the United States; West (Source: US Census Bureau SF3)

P021009
Total population: Native; Born outside the United States (Source: US Census Bureau SF3)

P021010
Total population: Native; Born outside the United States; Puerto Rico (Source: US Census Bureau SF3)

P021011
Total population: Native; Born outside the United States; U.S. Island Areas (Source: US Census Bureau SF3)

P021012
Total population: Native; Born outside the United States; Born abroad of American parent (Source: US Census Bureau SF3)

P021013
Total population: Foreign born (Source: US Census Bureau SF3)

P021014
Total population: Foreign born; Naturalized citizen (Source: US Census Bureau SF3)

P021015
Total population: Foreign born; Not a citizen (Source: US Census Bureau SF3)

H046001
Occupied housing units: Aggregate number of vehicles available (Source: US Census Bureau SF3)

H046002
Occupied housing units: Aggregate number of vehicles available; Owner occupied (Source: US Census Bureau SF3)

H046003
Occupied housing units: Aggregate number of vehicles available; Renter occupied (Source: US Census Bureau SF3)

PCT020001
Foreign-born population: Total (Source: US Census Bureau SF3)

PCT020002
Foreign-born population: Place of Birth; Europe (Source: US Census Bureau SF3)

PCT020003
Foreign-born population: Place of Birth; Europe; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020004
Foreign-born population: Place of Birth; Europe; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020005
Foreign-born population: Place of Birth; Europe; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020006
Foreign-born population: Place of Birth; Europe; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020007
Foreign-born population: Place of Birth; Europe; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020008
Foreign-born population: Place of Birth; Europe; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020009
Foreign-born population: Place of Birth; Europe; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020010
Foreign-born population: Place of Birth; Europe; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020011
Foreign-born population: Place of Birth; Europe; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020012
Foreign-born population: Place of Birth; Asia (Source: US Census Bureau SF3)

PCT020013
Foreign-born population: Place of Birth; Asia; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020014
Foreign-born population: Place of Birth; Asia; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020015
Foreign-born population: Place of Birth; Asia; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020016
Foreign-born population: Place of Birth; Asia; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020017
Foreign-born population: Place of Birth; Asia; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020018

Foreign-born population: Place of Birth; Asia; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020019
Foreign-born population: Place of Birth; Asia; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020020
Foreign-born population: Place of Birth; Asia; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020021
Foreign-born population: Place of Birth; Asia; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020022
Foreign-born population: Place of Birth; Africa (Source: US Census Bureau SF3)

PCT020023
Foreign-born population: Place of Birth; Africa; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020024
Foreign-born population: Place of Birth; Africa; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020025
Foreign-born population: Place of Birth; Africa; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020026
Foreign-born population: Place of Birth; Africa; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020027
Foreign-born population: Place of Birth; Africa; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020028
Foreign-born population: Place of Birth; Africa; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020029
Foreign-born population: Place of Birth; Africa; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020030
Foreign-born population: Place of Birth; Africa; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020031
Foreign-born population: Place of Birth; Africa; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020032
Foreign-born population: Place of Birth; Oceania (Source: US Census Bureau SF3)

PCT020033
Foreign-born population: Place of Birth; Oceania; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020034
Foreign-born population: Place of Birth; Oceania; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020035
Foreign-born population: Place of Birth; Oceania; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020036
Foreign-born population: Place of Birth; Oceania; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020037
Foreign-born population: Place of Birth; Oceania; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020038
Foreign-born population: Place of Birth; Oceania; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020039
Foreign-born population: Place of Birth; Oceania; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020040
Foreign-born population: Place of Birth; Oceania; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020041
Foreign-born population: Place of Birth; Oceania; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020042
Foreign-born population: Place of Birth; Americas (Source: US Census Bureau SF3)

PCT020043
Foreign-born population: Place of Birth; Latin America (Source: US Census Bureau SF3)

PCT020044
Foreign-born population: Place of Birth; Caribbean (Source: US Census Bureau SF3)

PCT020045
Foreign-born population: Place of Birth; Caribbean; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020046
Foreign-born population: Place of Birth; Caribbean; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020047
Foreign-born population: Place of Birth; Caribbean; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020048
Foreign-born population: Place of Birth; Caribbean; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020049
Foreign-born population: Place of Birth; Caribbean; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020050
Foreign-born population: Place of Birth; Caribbean; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020051
Foreign-born population: Place of Birth; Caribbean; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020052
Foreign-born population: Place of Birth; Caribbean; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020053
Foreign-born population: Place of Birth; Caribbean; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020054
Foreign-born population: Place of Birth; Central America (Source: US Census Bureau SF3)

PCT020055
Foreign-born population: Place of Birth; Central America; Mexico (Source: US Census Bureau SF3)

PCT020056
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020057
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020058
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020059
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020060
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020061
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020062
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020063
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020064
Foreign-born population: Place of Birth; Central America; Mexico; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020065
Foreign-born population: Place of Birth; Central America; Other Central America (Source: US Census Bureau SF3)

PCT020066
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020067
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020068
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020069
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020070
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020071
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020072
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020073
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020074
Foreign-born population: Place of Birth; Central America; Other Central America; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020075
Foreign-born population: Place of Birth; South America (Source: US Census Bureau SF3)

PCT020076
Foreign-born population: Place of Birth; South America; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020077
Foreign-born population: Place of Birth; South America; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020078
Foreign-born population: Place of Birth; South America; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020079

Foreign-born population: Place of Birth; South America; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020080
Foreign-born population: Place of Birth; South America; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020081
Foreign-born population: Place of Birth; South America; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020082
Foreign-born population: Place of Birth; South America; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020083
Foreign-born population: Place of Birth; South America; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020084
Foreign-born population: Place of Birth; South America; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020085
Foreign-born population: Place of Birth; Northern America (Source: US Census Bureau SF3)

PCT020086
Foreign-born population: Place of Birth; Northern America; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020087
Foreign-born population: Place of Birth; Northern America; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020088
Foreign-born population: Place of Birth; Northern America; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020089
Foreign-born population: Place of Birth; Northern America; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020090
Foreign-born population: Place of Birth; Northern America; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020091

Foreign-born population: Place of Birth; Northern America; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020092
Foreign-born population: Place of Birth; Northern America; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020093
Foreign-born population: Place of Birth; Northern America; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020094
Foreign-born population: Place of Birth; Northern America; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT020095
Foreign-born population: Born at sea (Source: US Census Bureau SF3)

PCT020096
Foreign-born population: Born at sea; Year of entry 1990 to March 2000 (Source: US Census Bureau SF3)

PCT020097
Foreign-born population: Born at sea; Year of entry 1990 to March 2000; Naturalized citizen (Source: US Census Bureau SF3)

PCT020098
Foreign-born population: Born at sea; Year of entry 1990 to March 2000; Not a citizen (Source: US Census Bureau SF3)

PCT020099
Foreign-born population: Born at sea; Year of entry 1980 to 1989 (Source: US Census Bureau SF3)

PCT020100
Foreign-born population: Born at sea; Year of entry 1980 to 1989; Naturalized citizen (Source: US Census Bureau SF3)

PCT020101
Foreign-born population: Born at sea; Year of entry 1980 to 1989; Not a citizen (Source: US Census Bureau SF3)

PCT020102
Foreign-born population: Born at sea; Year of entry before 1980 (Source: US Census Bureau SF3)

PCT020103
Foreign-born population: Born at sea; Year of entry before 1980; Naturalized citizen (Source: US Census Bureau SF3)

PCT020104
Foreign-born population: Born at sea; Year of entry before 1980; Not a citizen (Source: US Census Bureau SF3)

PCT021001
Population 5 years and over: Total (Source: US Census Bureau SF3)

PCT021002
Population 5 years and over: Same house in 1995 (Source: US Census Bureau SF3)

PCT021003
Population 5 years and over: Different house in 1995 (Source: US Census Bureau SF3)

PCT021004
Population 5 years and over: Different house in 1995; In United States in 1995 (Source: US Census Bureau SF3)

PCT021005
Population 5 years and over: Different house in 1995; In United States in 1995; Same city or town (Source: US Census Bureau SF3)

PCT021006
Population 5 years and over: Different house in 1995; In United States in 1995; Same city or town; Same county (Source: US Census Bureau SF3)

PCT021007
Population 5 years and over: Different house in 1995; In United States in 1995; Same city or town; Different county same state (Source: US Census Bureau SF3)

PCT021008
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town (Source: US Census Bureau SF3)

PCT021009
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Same county (Source: US Census Bureau SF3)

PCT021010
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county (Source: US Census Bureau SF3)

PCT021011

Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Same state (Source: US Census Bureau SF3)

PCT021012
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state (Source: US Census Bureau SF3)

PCT021013
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; Northeast (Source: US Census Bureau SF3)

PCT021014
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; Midwest (Source: US Census Bureau SF3)

PCT021015
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; South (Source: US Census Bureau SF3)

PCT021016
Population 5 years and over: Different house in 1995; In United States in 1995; Not same city or town; Different county; Different state; West (Source: US Census Bureau SF3)

PCT021017
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995 (Source: US Census Bureau SF3)

PCT021018
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; same city or town (Source: US Census Bureau SF3)

PCT021019
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; Not same city or town (Source: US Census Bureau SF3)

PCT021020
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; Not same city or town; Same municipality (Source: US Census Bureau SF3)

PCT021021
Population 5 years and over: Different house in 1995; In Puerto Rico in 1995; Not same city or town; Different municipality (Source: US Census Bureau SF3)

PCT021022
Population 5 years and over: Different house in 1995; Elsewhere in 1995 (Source: US Census Bureau SF3)

PCT021023

Population 5 years and over: Different house in 1995; Elsewhere in 1995; U.S. Island Areas (Source: US Census Bureau SF3)

PCT021024
Population 5 years and over: Different house in 1995; Elsewhere in 1995; Foreign country or at sea (Source: US Census Bureau SF3)

CPZ_AL
All Workers who commute to zip for work; For All 8 Categories Of Means Of Transportation To Work; For All 4 Categories Of Time Leaving Home To Go To Work (Source: US Census Bureau SF3)

CPZ_D1
All Workers who commute to zip for work; Who Drove Alone; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_D2
All Workers who commute to zip for work; Who Travel To Work By 2-Person Carpool; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_3M
All Workers who commute to zip for work; Who Travel To Work By 3-Or-More-Person Carpool; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_BUS
All Workers who commute to zip for work; Who Travel To Work By Bus Or Trolley Bus; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_RAIL
All Workers who commute to zip for work; Who Travel To Work By Streetcar, Subway, Railroad Or Ferryboat; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

CPZ_OTH
All Workers who commute to zip for work; Who Travel To Work By Bicycle, Walked, Taxicab, Motorcycle Or Other Means; For All 4 Categories Of Time Leaving Home To Go To Work (Source: CTPP)

Sum_LotAre
Square footage of lots in zip (Source: CTPP)

Sum_BldgAr
Square footage of buildings in zip (Source: PLUTO)

Sum_ComAre
square footage of commercial area (Source: PLUTO)

Sum_ResAre

square footage of residential area (Source: PLUTO)

Sum_Office
square footage of office area (Source: PLUTO)

Sum_Retail
square footage of retail area (Source: PLUTO)

Sum_Garage
square footage of garage area (Source: PLUTO)

Sum_StrgeA
square footage of storage area (Source: PLUTO)

Sum_Factry
square footage of factory area (Source: PLUTO)

Sum_OtherA
square footage of other area (Source: PLUTO)

Sum_NumBld
Total Number of buildings on zip (Source: PLUTO)

Sum_NumFlo
Total Number of floors on zip (Source: PLUTO)

Sum_UnitsR
Total Number of residential units on zip (Source: PLUTO)

Sum_UnitsT
Total Number of all units on zip (Source: PLUTO)

Sum_LU_01
square footage of 1 & 2 family residential land use in zip (Source: PLUTO)

Sum_LU_02
square footage of multi family residential land use in zip (Source: PLUTO)

Sum_LU_03
square footage of mixed residential and commercial land use in zip (Source: PLUTO)

Sum_LU_04
square footage of commercial/office land use in zip (Source: PLUTO)

Sum_LU_05
square footage of industrial/manufacturing land use in zip (Source: PLUTO)

Sum_LU_06

square footage of transportation/utility land use in zip (Source: PLUTO)

Sum_LU_07
square footage of public facilities and institutions land use in zip (Source: PLUTO)

Sum_LU_08
square footage of open space land use in zip (Source: PLUTO)

Sum_LU_09
square footage of parking facilities land use in zip (Source: PLUTO)

Sum_LU_10
square footage of vacant land use in zip (Source: PLUTO)

Sum_LU_11
square footage of miscellaneous land use in zip (Source: PLUTO)

Schools
Number of schools in zip (Source: PLUTO)

Parks
Number of parks in zip (Source: NYCDCP)

Prk_Acres
Total number of acres of parks in zip (Source: NYCDCP)

AWS
All way stop intersections (Source: NYCDCP)

SOM
Stop on minor intersections (Source: NYCDOT)

SIG
Signalized intersections (Source: NYCDOT)

3WAY_INT
3 approach intersections (Source: NYCDOT)

4WAY_INT
4 approach intersections (Source: NYCDOT)

5MWAY_INT
5 or more approach intersections (Source: NYCDOT)

FCC_A1
Length of roadways in miles in zip classified as primary highways with limited access (Source: NYCDOT)

FCC_A2
Length of roadways in miles in zip classified as primary roads without limited access (Source: NYS ALIS, GDT:FCC)

FCC_A3
Length of roadways in miles in zip classified as secondary and connecting roads (Source: NYS ALIS, GDT:FCC)

FCC_A4
Length of roadways in miles in zip classified as local, neighborhood, and rural roads (Source: NYS ALIS, GDT:FCC)

FCC_A6
Length of roadways in miles in zip classified as roads with special characteristics (Source: NYS ALIS, GDT:FCC)

FCC_A7
Length of roadways in miles in zip classified as other thoroughfare (Source: NYS ALIS, GDT:FCC)

Length
Length of roads in miles in zip (Source: NYS ALIS, GDT:FCC)

TRAV_1
Length of roads in miles in zip with 1 travel lane (Source: NYCDOT)

TRAV_2
Length of roads in miles in zip with 2 travel lanes (Source: NYCDOT)

TRAV_3
Length of roads in miles in zip with 3 travel lanes (Source: NYCDOT)

TRAV_4
Length of roads in miles in zip with 4 travel lanes (Source: NYCDOT)

TRAV_5
Length of roads in miles in zip with 5 or more travel lanes (Source: NYCDOT)

PRK_1
Length of roads in miles in zip with 1 parking lane (Source: NYCDOT)

PRK_2M
Length of roads in miles in zip with 2 or more parking lanes (Source: NYCDOT)

W_LT30
Length of roads in miles in zip with lane widths less than 30 feet (Source: NYCDOT)

W_30_34

Length of roads in miles in zip with lane widths of 30 to 34 feet (Source: NYCDOT)

W_35_39
Length of roads in miles in zip with lane widths of 35 to 39 feet (Source: NYCDOT)

W_40_44
Length of roads in miles in zip with lane widths of 40 to 44 feet (Source: NYCDOT)

W_45_49
Length of roads in miles in zip with lane widths of 45 to 49 feet (Source: NYCDOT)

W_50_54
Length of roads in miles in zip with lane widths of 50 to 54 feet (Source: NYCDOT)

W_55_59
Length of roads in miles in zip with lane widths of 55 to 59 feet (Source: NYCDOT)

W_60_64
Length of roads in miles in zip with lane widths of 60 to 64 feet (Source: NYCDOT)

W_65_69
Length of roads in miles in zip with lane widths of 65 to 69 feet (Source: NYCDOT)

W_70M
Length of roads in miles in zip with lane widths 70 feet or more (Source: NYCDOT)

Trck_Rts
Length of truck routes in miles in zip (Source: NYCDOT)

OneWay
Length of one-way streets in miles in zip (Source: NYCDOT)

TwoWay
Length of two-way streets in miles in zip (Source: NYCDOT)

Sub_St
Subway stations in zip (Source: NYCDOT)

Sub_Rdr
Yearly subway ridership for zip (Source: NYCDOT)

Bus_Rts
Length of bus routes in miles in zip (Source: NYCDOT)

Bus_AMcap
AM capacity of buses per hour in zip (Source: NYCDOT)

Bus_Stops

Bus stops in zip (Source: NYCDOT)

OW1L
Length of One-Way, 1 travel lane roads in zip (Source: NYCDOT)

OW2L
Length of One-Way, 2 travel lane roads in zip (Source: NYCDOT)

OW3L
Length of One-Way, 3 travel lane roads in zip (Source: NYCDOT)

OW4L
Length of One-Way, 4 or more travel lane roads in zip (Source: NYCDOT)

TW1L
Length of Two-Way, 1 travel lane roads in zip (Source: NYCDOT)

TW2L
Length of Two-Way, 2 travel lane roads in zip (Source: NYCDOT)

TW3L
Length of Two-Way, 3 travel lane roads in zip (Source: NYCDOT)

TW4L
Length of Two-Way, 4 or more travel lane roads in zip (Source: NYCDOT)

COM
Number of commercial vehicles registered in zip code (Source: NYSDMV)

MOT
Number of motorcycles registered in zip code (Source: NYSDMV)

OMS
Number of private rental vehicles registered in zip code (Source: NYSDMV)

OMT
Number of taxis registered in zip code (Source: NYSDMV)

OTH
Number of other vehicles registered in zip code (Source: NYSDMV)

PAS
Number of passenger vehicles registered in zip code (Source: NYSDMV)

SRF
Number of special registration fee vehicle registered in zip code (Source: NYSDMV)

SCOF
Number of scofflaw violations to vehicles registered in zip code (Source: NYSDMV)

SUSP
Number of suspensions violations to vehicles registered in zip code (Source: NYSDMV)

REVK
Number of revocations violations to vehicles registered in zip code (Source: NYSDMV)

totcrsh
Total crashes per zip code (Source: NYSDOH)

edcrsh
Total crashes per zip code requiring treatment at an Emergency Department, which does not include patients admitted to hospital (Source: NYSDOH)

hospcrsh
Total crashes per zip code requiring admittance to hospital (Source: NYSDOH)

avgminEDchg
Average of the minimum ED charge per crash by zip (Source: NYSDOH)

avgmaxEDchg
Average of the maximum ED charge per crash by zip (Source: NYSDOH)

avgmeanEDchg
Average of the mean ED charge per crash by zip (Source: NYSDOH)

avgmedianEDchg
Average of the median ED charge per crash by zip (Source: NYSDOH)

avgsumEDchg
Average of the sum ED charge per crash by zip (Source: NYSDOH)

ziptotalEDchg
Total ED charge per zip (Source: NYSDOH)

avgminHOSPchg
Average of the minimum hospitalization charge per crash by zip (Source: NYSDOH)

avgmaxHOSPchg
Average of the maximum hospitalization charge per crash by zip (Source: NYSDOH)

avgmeanHOSPchg
Average of the mean hospitalization charge per crash by zip (Source: NYSDOH)

avgmedianHOSPchg
Average of the median hospitalization charge per crash by zip (Source: NYSDOH)

avgsumHOSPchg
Average of the sum hospitalization charge per crash by zip (Source: NYSDOH)

avgminlos
Total hospitalization charge per zip (Source: NYSDOH)

avgmaxlos
Average of the minimum hospital length of stay per crash by zip (Source: NYSDOH)

avgmeanlos
Average of the maximum hospital length of stay per crash by zip (Source: NYSDOH)

avgmedianlos
Average of the mean hospital length of stay per crash by zip (Source: NYSDOH)

avgsumlos
Average of the median hospital length of stay per crash by zip (Source: NYSDOH)

ziptotalHOSPchg
Average of the sum hospital length of stay per crash by zip (Source: NYSDOH)

ziptotalLOS
Total hospital length of stay per zip (Source: NYSDOH)

MAIS_0
Number of Cases with MAIS score of 0: Not Injured, within zip code (9999=1-5) (Source: NYSDOH)

MAIS_1
Number of Cases with MAIS score of 1: Minor, within zip code (9999=1-5) (Source: NYSDOH)

MAIS_2
Number of Cases with MAIS score of 2: Moderate, within zip code (9999=1-5) (Source: NYSDOH)

MAIS_3
Number of Cases with MAIS score of 3: Serious, within zip code (9999=1-5) (Source: NYSDOH)

MAIS_4
Number of Cases with MAIS score of 4: Severe, within zip code (9999=1-5) (Source: NYSDOH)

MAIS_5
Number of Cases with MAIS score of 5: Critical, within zip code (9999=1-5) (Source: NYSDOH)

MAIS_6
Number of Cases with MAIS score of 6: Maximum, within zip code (9999=1-5) (Source: NYSDOH)

MAIS_9
Number of Cases with MAIS score of 9: Injury with unknown severity, within zip code (9999=1-5) (Source: NYSDOH)

TBI_0
Number of Cases with NO Traumatic Brain Injury within zip code (Source: NYSDOH)

TBI_1
Number of Cases with Traumatic Brain Injury within zip code(Source: NYSDOH)