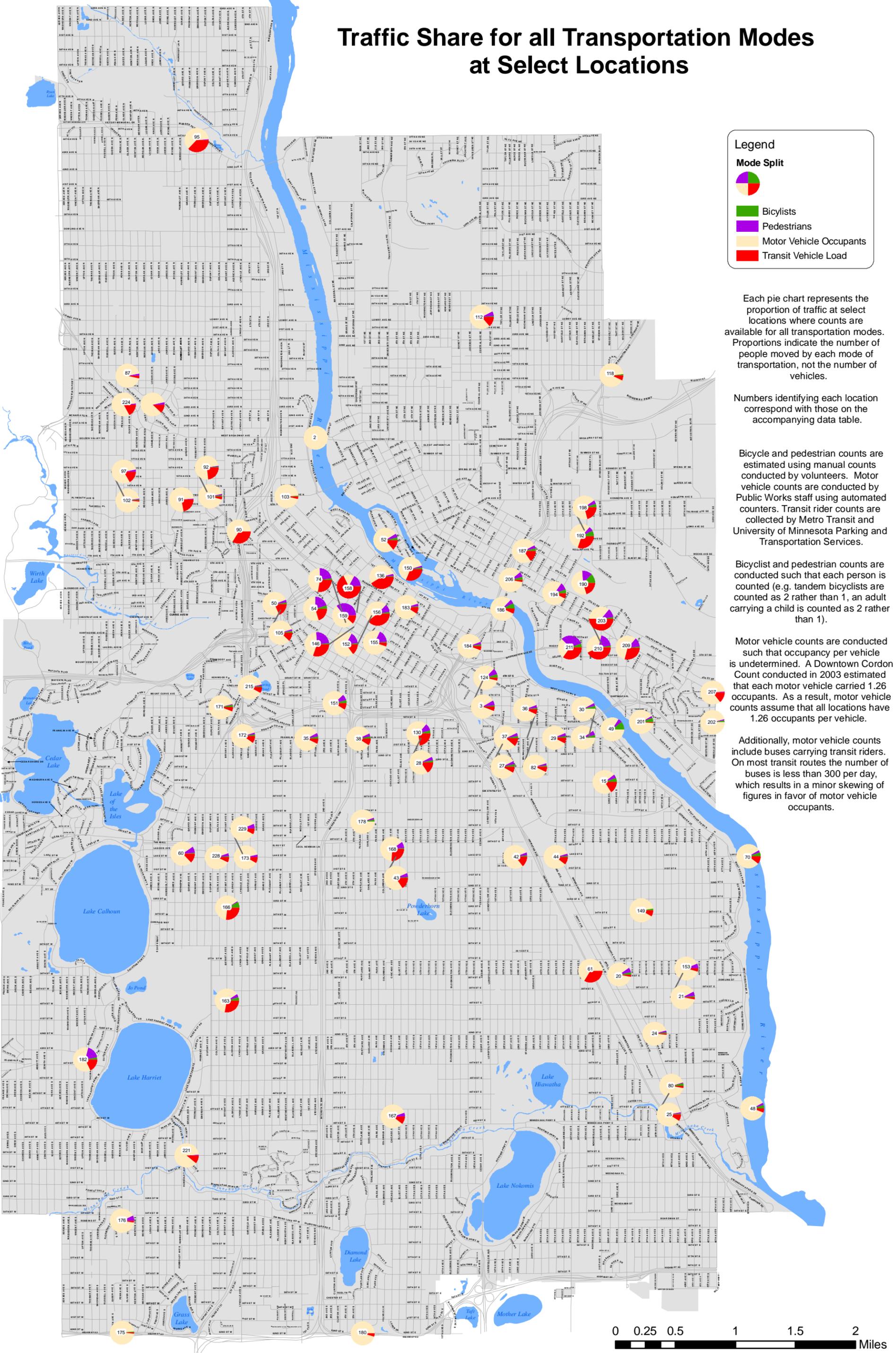


Traffic Share for all Transportation Modes at Select Locations



Legend

Mode Split

-  Bicyclists
-  Pedestrians
-  Motor Vehicle Occupants
-  Transit Vehicle Load

Each pie chart represents the proportion of traffic at select locations where counts are available for all transportation modes. Proportions indicate the number of people moved by each mode of transportation, not the number of vehicles.

Numbers identifying each location correspond with those on the accompanying data table.

Bicycle and pedestrian counts are estimated using manual counts conducted by volunteers. Motor vehicle counts are conducted by Public Works staff using automated counters. Transit rider counts are collected by Metro Transit and University of Minnesota Parking and Transportation Services.

Bicyclist and pedestrian counts are conducted such that each person is counted (e.g. tandem bicyclists are counted as 2 rather than 1, an adult carrying a child is counted as 2 rather than 1).

Motor vehicle counts are conducted such that occupancy per vehicle is undetermined. A Downtown Cordon Count conducted in 2003 estimated that each motor vehicle carried 1.26 occupants. As a result, motor vehicle counts assume that all locations have 1.26 occupants per vehicle.

Additionally, motor vehicle counts include buses carrying transit riders. On most transit routes the number of buses is less than 300 per day, which results in a minor skewing of figures in favor of motor vehicle occupants.

Appendix E-1: Traffic Share for All Modes at Select Locations

Sorted by Location Number

Location Number	Location	Bicyclists EDT	Pedestrians EDT	Motor Vehicle Occupants	Transit Vehicle Load	Total Travelers	Share of Bicyclists	Share of Pedestrians	Share of Motor Vehicle Occupants	Share of Transit Vehicle Load
2	Broadway Ave Bridge over Mississippi River	210	150	26840	182	27382	0.8%	0.5%	98.0%	0.7%
3	Cedar Ave south of Riverside Ave	300	1270	16010	1060	18640	1.6%	6.8%	85.9%	5.7%
15	E 25th St east of S 31st Ave	170	170	2400	517	3257	5.2%	5.2%	73.7%	15.9%
20	E 38th St east of Hiawatha Ave	330	680	9200	329	10539	3.1%	6.5%	87.3%	3.1%
21	E 38th St west of S 42nd Ave	150	430	6930	223	7733	1.9%	5.6%	89.6%	2.9%
24	E 42nd St east of Minnehaha Ave	180	230	8690	150	9250	1.9%	2.5%	93.9%	1.6%
25	E 46th St west of Minnehaha Ave	240	420	18650	1810	21120	1.1%	2.0%	88.3%	8.6%
27	E Franklin Ave east of Minnehaha Ave	490	900	16130	2350	19870	2.5%	4.5%	81.2%	11.8%
28	E Franklin Ave east of S 11th Ave	630	1220	17900	3816	23566	2.7%	5.2%	76.0%	16.2%
29	E Franklin Ave east of S 23rd Ave	280	600	16130	1384	18394	1.5%	3.3%	87.7%	7.5%
30	E Franklin Ave east of S 29th Ave	620	600	14870	101	16191	3.8%	3.7%	91.8%	0.6%
34	E Franklin Ave west of Riverside Ave	530	1070	14870	103	16573	3.2%	6.5%	89.7%	0.6%
35	E Franklin Ave west of S 1st Ave	640	1230	20920	1690	24480	2.6%	5.0%	85.5%	6.9%
36	E Franklin Ave west of S 23rd Ave	300	730	16130	1361	18521	1.6%	3.9%	87.1%	7.3%
37	E Franklin Ave west of S 26th Ave	500	780	16130	1382	18792	2.7%	4.2%	85.8%	7.4%
38	E Franklin Ave west of S Portland Ave	760	1090	20920	2280	25050	3.0%	4.4%	83.5%	9.1%
42	E Lake St east of S 21st Ave	520	1360	25200	4573	31653	1.6%	4.3%	79.6%	14.4%
43	E Lake St east of S Chicago Ave	400	1700	26840	5500	34440	1.2%	4.9%	77.9%	16.0%
44	E Lake St west of Minnehaha Ave	480	1000	29360	3711	34551	1.4%	2.9%	85.0%	10.7%
48	Ford Parkway Bridge over Mississippi River	1170	740	21290	1400	24600	4.8%	3.0%	86.5%	5.7%
49	Franklin Ave Bridge over Mississippi River	1600	770	11970	94	14434	11.1%	5.3%	82.9%	0.7%
50	Glenwood Ave west of N Royalston Ave	210	420	8190	2020	10840	1.9%	3.9%	75.6%	18.6%
52	Hennepin Ave Bridge over Mississippi River	1320	2070	29490	5463	38343	3.4%	5.4%	76.9%	14.2%
54	Hennepin Ave north of N 7th St	1540	7010	18770	6820	34140	4.5%	20.5%	55.0%	20.0%
60	Hennepin Ave north of W Lake St	340	2880	25580	4230	33030	1.0%	8.7%	77.4%	12.8%
61	Hiawatha Ave north of E 38th St	290	140	36420	18325	55175	0.5%	0.3%	66.0%	33.2%
70	Lake St Bridge over Mississippi River	1450	780	21420	2770	26420	5.5%	3.0%	81.1%	10.5%
80	Minnehaha Ave north of E 46th St	360	150	10960	390	11860	3.0%	1.3%	92.4%	3.3%
82	Minnehaha Ave south of E Franklin Ave	300	370	7310	690	8670	3.5%	4.3%	84.3%	8.0%
87	N 26th Ave east of W Penn Ave	50	160	5540	220	5970	0.8%	2.7%	92.8%	3.7%
90	N 7th St over I-94	120	80	11840	6030	18070	0.7%	0.4%	65.5%	33.4%
91	N 7th St south of N Plymouth Ave	110	200	15250	4373	19933	0.6%	1.0%	76.5%	21.9%
92	N Emerson Ave north of N Plymouth Ave	120	90	6300	1966	8476	1.4%	1.1%	74.3%	23.2%
95	N Fremont Ave south of N 44th Ave	80	100	5040	3047	8267	1.0%	1.2%	61.0%	36.9%
97	N Penn Ave north of N Plymouth Ave	120	400	12860	2669	16049	0.7%	2.5%	80.1%	16.6%
98	N Penn Ave south of W Broadway Ave	90	180	11340	2410	14020	0.6%	1.3%	80.9%	17.2%
101	N Plymouth Ave east of N Emerson Ave	150	170	8570	372	9262	1.6%	1.8%	92.5%	4.0%
102	N Plymouth Ave east of N Penn Ave	170	190	14120	260	14740	1.2%	1.3%	95.8%	1.8%
103	N Plymouth Ave west of N 2nd St	120	50	10460	440	11070	1.1%	0.5%	94.5%	4.0%
105	N Royalston Ave south of Glenwood Ave	250	260	9320	1340	11170	2.2%	2.3%	83.4%	12.0%
112	NE Central Ave north of NE Lowry Ave	280	1450	18270	3260	23260	1.2%	6.2%	78.5%	14.0%
118	New Brighton Blvd east of Stinson Blvd	260	60	16130	1260	17710	1.5%	0.3%	91.1%	7.1%
121	S Park Ave north of E Franklin Ave	620	970	14740	590	16920	3.7%	5.7%	87.1%	3.5%
122	S Portland Ave north of E Franklin Ave	650	370	16250	510	17780	3.7%	2.1%	91.4%	2.9%
123	S Portland Ave south of E Franklin Ave	630	980	16380	50	18040	3.5%	5.4%	90.8%	0.3%
124	Riverside Ave east of Cedar Ave	810	1550	14870	687	17917	4.5%	8.7%	83.0%	3.8%
130	S 11th Ave north of E Franklin Ave	310	720	4670	1763	7463	4.2%	9.6%	62.6%	23.6%
136	S 1st St west of S 3rd Ave	290	580	11850	9019	21739	1.3%	2.7%	54.5%	41.5%
136	S 1st St west of S 3rd Ave	230	460	11840	10130	22660	1.0%	2.0%	52.3%	44.7%
149	S 36th Ave north of E 34th St	100	30	4160	400	4690	2.1%	0.6%	88.7%	8.5%
150	S 3rd Ave Bridge over Mississippi River	580	820	20410	9780	31590	1.8%	2.6%	64.6%	31.0%
151	S 3rd Ave south of E 16th St	470	890	8820	978	11158	4.2%	8.0%	79.0%	8.8%
152	S 3rd Ave south of S 4th St	360	3240	14110	3085	20795	1.7%	15.6%	67.9%	14.8%
153	S 42nd Ave north of E 38th St	30	380	5300	267	5977	0.5%	6.4%	88.7%	4.5%
155	S 4th Ave north of S 6th St	130	1850	8450	595	11025	1.2%	16.8%	76.6%	5.4%
156	S 4th St east of S 3rd Ave	560	2290	10460	8866	22176	2.5%	10.3%	47.2%	40.0%
156	S 4th St east of S 3rd Ave	490	3110	10460	11890	25950	1.9%	12.0%	40.3%	45.8%
158	S 5th St west of S 2nd Ave	210	3300	2900	13478	19888	1.1%	16.6%	14.6%	67.8%
159	S 6th St east of Nicollet Mall	210	8860	12980	2949	24999	0.8%	35.4%	51.9%	11.8%
163	S Bryant Ave north of W 40th St	210	200	2900	1268	4578	4.6%	4.4%	63.3%	27.7%
166	S Bryant Ave south of W 33rd St	490	90	4040	1674	6294	7.8%	1.4%	64.2%	26.6%
167	S Chicago Ave north of E 48th St	120	640	10210	1320	12290	1.0%	5.2%	83.1%	10.7%
168	S Chicago Ave north of E Lake St	190	1430	10580	4260	16460	1.2%	8.7%	64.3%	25.9%
171	S Lyndale Ave north of Loring Bikeway Bridge	1300	550	37300	2276	41426	3.1%	1.3%	90.0%	5.5%
172	S Lyndale Ave north of W Franklin Ave	710	1030	30370	3620	35730	2.0%	2.9%	85.0%	10.1%
173	S Lyndale Ave north of W Lake St	290	1920	25710	2276	30196	1.0%	6.4%	85.1%	7.5%
175	S Penn Ave over Hwy 62	230	120	18400	239	18989	1.2%	0.6%	96.9%	1.3%
176	S Penn Ave south of W 54th St	100	850	11090	268	12308	0.8%	6.9%	90.1%	2.2%
178	S Portland Ave north of E 28th St	480	370	15500	80	16430	2.9%	2.3%	94.3%	0.5%
180	S Portland Ave over Hwy 62	170	100	20540	990	21800	0.8%	0.5%	94.2%	4.5%
182	S Upton Ave south of W 43rd St	190	1150	3910	1120	6370	3.0%	18.1%	61.4%	17.6%
183	S Washington Ave east of S 5th Ave	340	1210	29360	3030	33940	1.0%	3.6%	86.5%	8.9%
184	S Washington Ave over I-35W	890	1150	30240	1980	34260	2.6%	3.4%	88.3%	5.8%
186	SE 10th Ave Bridge over Mississippi River	1160	860	12730	1100	15850	7.3%	5.4%	80.3%	6.9%
187	SE 10th Ave north of SE 5th St	460	490	9700	1940	12590	3.7%	3.9%	77.0%	15.4%
190	SE 15th Ave north of SE 5th St	3570	3830	15120	5890	28410	12.6%	13.5%	53.2%	20.7%
192	SE 15th Ave south of SE Como Ave	1270	940	9200	5000	16410	7.7%	5.7%	56.1%	30.5%

Green indicates high values, Blue indicates low values

Appendix E-1: Traffic Share for All Modes at Select Locations Sorted by Location Number

Location Number	Location	Bicyclists EDT	Pedestrians EDT	Motor Vehicle Occupants	Transit Vehicle Load	Total Travelers	Share of Bicyclists	Share of Pedestrians	Share of Motor Vehicle Occupants	Share of Transit Vehicle Load
194	SE 4th St east of SE 14th Ave	1050	2040	15630	1497	20217	5.2%	10.1%	77.3%	7.4%
198	SE Como Ave east of SE 15th Ave	1140	1190	16380	5000	23710	4.8%	5.0%	69.1%	21.1%
201	SE Franklin Ave east of East River Pkwy	470	240	7560	120	8390	5.6%	2.9%	90.1%	1.4%
202	SE Franklin Ave west of SE Emerald St	230	230	10970	22	11452	2.0%	2.0%	95.8%	0.2%
203	SE Oak St north of SE Washington Ave	580	3040	9450	12839	25909	2.2%	11.7%	36.5%	49.6%
206	SE University Ave west of SE 10th Ave	1000	1970	23190	870	27030	3.7%	7.3%	85.8%	3.2%
207	SE University Ave west of SE Emerald St	300	580	32130	5509	38519	0.8%	1.5%	83.4%	14.3%
209	SE Washington Ave east of SE Oak St	430	3820	17900	9044	31194	1.4%	12.2%	57.4%	29.0%
210	SE Washington Ave west of SE Oak St	1160	9720	17900	21571	50351	2.3%	19.3%	35.6%	42.8%
211	SE Washington Ave west of SE Union St	3450	19990	17770	21807	63017	5.5%	31.7%	28.2%	34.6%
212	Stinson Blvd south of New Brighton Blvd	410	70	14110	1440	16030	2.6%	0.4%	88.0%	9.0%
215	W 15th St east of Hennepin Ave	250	270	13490	1208	15218	1.6%	1.8%	88.6%	7.9%
215	W 15th St east of Hennepin Ave	160	360	13480	130	14130	1.1%	2.5%	95.4%	0.9%
221	W 50th St east of Minnehaha Pkwy	60	130	7690	945	8825	0.7%	1.5%	87.1%	10.7%
224	W Broadway Ave east of N Penn Ave	130	540	13230	1871	15771	0.8%	3.4%	83.9%	11.9%
228	W Lake St east of S Bryant Ave	500	1370	29490	2212	33572	1.5%	4.1%	87.8%	6.6%
229	W Lake St east of S Lyndale Ave	270	1300	29490	2650	33710	0.8%	3.9%	87.5%	7.9%

Green indicates high values, Blue indicates low values