

CITY OF KIRKLAND PUBLIC WORKS

SIGNALIZED INTERSECTION CRASH RATES *

	LOCATION	2024			2023			2022			2021			2020			2019		
		# CRASHES	AADT (*)	CRASH RATE	# CRASHES	AADT (**)	CRASH RATE	# CRASHES	AADT (*)	CRASH RATE	# CRASHES	AADT (**)	CRASH RATE	# CRASHES	AADT (**)	CRASH RATE	# CRASHES	AADT (*)	CRASH RATE
1	NE 70TH AT 116TH AVE NE	10	26976	1.02	3	25399	0.32	4	24731	0.44	4	25585	0.43	4	24519	0.45	8	29423	0.74
2	TOTEM LAKE BLVD AT 120TH AVE NE	6	24387	0.67	3	25671	0.32	3	24996	0.33	2	23938	0.23	2	22941	0.24	3	27529	0.30
3	NE 124TH ST AT 116TH AVE NE	12	44624	0.74	12	43317	0.76	11	42178	0.71	10	40477	0.68	18	38790	1.27	13	46548	0.77
4	NE 85TH ST AT 114TH AVE NE	19	43866	1.19	7	43900	0.44	8	42746	0.51	12	37959	0.87	3	36378	0.23	6	43653	0.38
5	NE 116TH ST AT 124TH AVE NE	7	32373	0.59	17	30750	1.51	11	29942	1.01	5	29814	0.46	9	28572	0.86	15	34286	1.20
6	NE 68TH ST AT 108TH AVE NE	6	24699	0.67	2	21499	0.25	0	20934	0.00	3	22656	0.36	3	21712	0.38	2	26054	0.21
7	NE 124TH ST AT TOTEM LAKE BLVD	16	52317	0.84	14	51490	0.74	10	50136	0.55	12	48297	0.68	5	46284	0.30	11	55541	0.54
8	NE 116TH ST AT 98TH AVE NE	12	31398	1.05	5	30759	0.45	6	29950	0.55	8	31004	0.71	7	29713	0.65	5	35655	0.38
9	NE 116TH ST AT 120TH AVE NE	13	33912	1.05	3	30902	0.27	5	30090	0.46	4	30894	0.35	6	29607	0.56	8	35528	0.62
10	MARKET AT FORBES CR DR.	0	20147	0.00	1	19184	0.14	2	18680	0.29	0	18491	0.00	1	17721	0.15	2	21265	0.26
11	CENTRAL WAY AT 6TH STREET	9	28316	0.87	5	29030	0.47	0	28267	0.00	1	25746	0.11	3	24673	0.33	4	29608	0.37
12	NE 85TH ST AT 124TH AVE NE	11	40325	0.75	13	39092	0.91	7	38064	0.50	12	36351	0.90	3	34837	0.24	12	41804	0.79
13	LAKE ST AT KIRLAND AVE	2	15112	0.36	2	13719	0.40	1	13358	0.21	2	12797	0.43	1	12264	0.22	1	14717	0.19
14	97TH AVE NE AT JUANITA DRIVE	1	18141	0.15	2	18630	0.29	3	18140	0.45	2	18272	0.30	2	17511	0.31	1	21013	0.13
15	CENTRAL WAY AT LAKE STREET	4	20599	0.53	2	19529	0.28	2	19016	0.29	3	17539	0.47	1	16808	0.16	5	20170	0.68
16	124TH AVE AT NE 100TH ST	3	16535	0.50	1	14707	0.19	1	14320	0.19	0	13739	0.00	0	13167	0.00	4	15800	0.69
17	NE 85TH ST AT 120TH AVE NE	21	47767	1.20	19	46464	1.12	11	45242	0.67	12	43784	0.75	9	41960	0.59	14	50352	0.76
18	NE 70TH ST AT 132ND AVE NE	3	18570	0.44	2	17566	0.31	2	17104	0.32	1	17230	0.16	2	16513	0.33	5	19815	0.69
19	STATE ST AT NE 68TH ST	0	14799	0.00	0	15274	0.00	0	14872	0.00	0	17770	0.00	1	17029	0.16	0	20435	0.00
20	NE 85TH ST AT 128TH AVE NE	0	30177	0.00	2	31332	0.17	1	30508	0.09	2	28292	0.19	0	27113	0.00	1	32536	0.08
21	NE 85TH ST AT 122ND AVE NE	12	39150	0.84	3	39071	0.21	7	38044	0.50	10	34571	0.79	4	33131	0.33	9	39757	0.62
22	120TH AVE AT NE 118TH ST	2	12798	0.43	2	12608	0.43	0	12277	0.00	3	14814	0.55	2	14197	0.39	3	17036	0.48
23	NE 85TH ST AT 132ND AVE NE	5	39561	0.35	8	38491	0.57	4	37479	0.29	5	37298	0.37	3	35744	0.23	4	42893	0.26
24	120TH AVE AT NE 80TH ST	1	11886	0.23	1	10887	0.25	4	10601	1.03	2	10481	0.52	3	10044	0.82	3	12053	0.68
25	SLATER AVE AT NE 120TH ST	7	19658	0.98	4	18474	0.59	3	17988	0.46	3	18995	0.43	6	18203	0.90	5	21844	0.63
26	NE 132ND ST AT 116TH WAY NE	14	29330	1.31	5	20721	0.66	7	20176	0.95	5	22442	0.61	6	21507	0.76	8	25808	0.85
27	NE 130TH LANE AT 120TH AVE NE	2	11185	0.49	1	10540	0.26	1	10263	0.27	1	12151	0.23	0	11645	0.00	0	13974	0.00
28	NE 90TH ST AT 124TH AVE NE	6	16233	1.01	1	15105	0.18	0	14708	0.00	2	15163	0.36	1	14532	0.19	7	17438	1.10
29	NE 124TH ST AT 120TH PL NE	11	37895	0.80	10	36680	0.75	5	35716	0.38	5	34829	0.39	5	33378	0.41	3	40053	0.21
30	NE 120TH PL AT 98TH AVE NE	0	17373	0.00	1	17559	0.16	3	17097	0.48	3	16786	0.49	3	16087	0.51	1	19304	0.14
31	NE 124TH ST AT 100TH AVE NE	8	31518	0.70	10	31981	0.86	6	31140	0.53	5	30382	0.45	7	29116	0.66	5	34939	0.39
32	113TH PL AND NE 124TH ST	5	26784	0.51	6	25306	0.65	3	24641	0.33	4	24487	0.45	4	23467	0.47	5	28160	0.49
33	TOTEM LK AT NE 132ND AVE	13	28348	1.26	1	19541	0.14	6	19027	0.86	5	22605	0.61	1	21663	0.13	2	25996	0.21
34	CENTRAL WAY AT 3RD STREET	7	19934	0.96	1	19605	0.14	3	19090	0.43	2	17500	0.31	0	16771	0.00	5	20125	0.68
35	LAKE WASH BLVD AT NE 38TH PL	1	21993	0.12	3	19641	0.42	2	19125	0.29	0	22514	0.00	4	21576	0.51	5	25891	0.53
36	NE 132ND ST AT 124TH AVE NE	5	22873	0.60	6	22527	0.73	2	21935	0.25	7	21463	0.89	3	20568	0.40	5	24682	0.56
37	NE 124TH ST AT 128TH LANE	7	29980	0.64	3	27638	0.30	1	26911	0.10	0	28260	0.00	0	27083	0.00	0	32499	0.00
38	6TH ST AT 4TH AVE	2	12016	0.46	0	11982	0.00	1	11667	0.23	0	14442	0.00	2	13840	0.40	2	16608	0.33
39	NE 128TH ST AT 120TH AVE NE	7	22184	0.86	6	23694	0.69	4	23071	0.48	1	17202	0.16	4	16485	0.66	4	19782	0.55
40	NE 132ND ST AT 120TH AVE NE	2	17927	0.31	3	15836	0.52	2	15420	0.36	1	15362	0.18	1	14722	0.19	1	17666	0.16
41	SLATER AT NE 124TH ST	9	45789	0.54	12	41612	0.79	6	40518	0.41	4	41449	0.26	7	39722	0.48	7	47666	0.40
42	LAKE WASH BLVD AT LAKEVIEW DR	3	22172	0.37	1	19366	0.14	3	18857	0.44	1	22509	0.12	1	21571	0.13	1	25885	0.11
43	NE 132ND ST AT 100TH AVE NE	9	36596	0.67	20	35851	1.53	11	34908	0.86	8	35934	0.61	7	34437	0.56	15	41324	0.99
44	NE 120TH ST AT 124TH AVE NE	0	18484	0.00	0	18375	0.00	3	17892	0.46	0	22462	0.00	2	21526	0.25	2	25831	0.21
45	116TH AVE AT NE 128TH ST	4	22642	0.48	3	22665	0.36	3	22069	0.37	2	20798	0.26	0	19932	0.00	4	23918	0.46
46	TOTEM LAKE BLVD AT NE 128TH ST	6	26544	0.62	11	29628	1.02	11	28849	1.04	8	22345	0.98	6	21414	0.77	7	25697	0.75
47	KIRKLAND AVE AT 3RD ST	0	12685	0.00	4	12529	0.87	1	12200	0.22	2	11727	0.47	0	11238	0.00	2	13486	0.41
48	100TH AVE AT JUANITA-WOOD.	7	24677	0.78	2	25601	0.21	6	24928	0.66	1	24847	0.11	2	23812	0.23	3	28574	0.29
49	100TH AVE NE AT NE 137TH STREET	6	24177	0.68	4	23570	0.46	9	22950	1.07	4	20411	0.54	5	19561	0.70	5	23473	0.58
50	100TH AVE AT SIMONDS ROAD	9	24091	1.02	5	24758	0.55	2	24107	0.23	6	24617	0.67	4	23592	0.46	8	28310	0.77
51	100TH AVE AT NE 145TH STREET	3	19339	0.43	4	19817	0.55	0	19296	0.00	3	18457	0.45	4	17688	0.62	1	21226	0.13
52	JUANITA DRIVE AT 122ND/HOLMES POINT	3	11856	0.69	2	12333	0.44	0	12009	0.00	0	14025	0.00	0	13441	0.00	4	16129	0.68
53	JUANITA DRIVE AT NE 141ST STREET	1	11215	0.24	1	11007	0.25	1	10718	0.26	0	11610	0.00	0	11126	0.00	4	13351	0.82
54	NE 144TH STREET AT 124TH AVE NE	9	16862	1.46	2	17836	0.31	0	17367	0.00	2	16948	0.32	1	16242	0.17	4	19490	0.56
55	NE 145TH STREET AT JUANITA -WOOD	2	21652	0.25	2	20953	0.26	2	20402	0.27	2	19781	0.28	3	18957	0.43	4	22748	0.48
56	NE 132ND ST AT 132ND AVE NE	3	21512	0.38	2	20570	0.27	3	20029	0.41	5	21723	0.63	1	20818	0.13	9	24982	0.99
57	NE 140TH STREET AT 132ND AVE NE	0	9482	0.00	0	10699	0.00	0	10418	0.00	0	8990	0.00	0	8616	0.00	1	10339	0.26
58	NE 124TH STREET AT WILLOWS ROAD	3	39421	0.21	5	43904	0.31	5	42750	0.32	2	41912	0.13	1	37396	0.07	3	44875	0.18
59	NE 124TH STREET AT 134TH COURT NE	1	32393	0.08	1	33060	0.08	0	32191	0.00	4	29777	0.37	0	28537	0.00	0	34244	0.00
60	NE 132ND STREET AT 108TH AVE NE	2	17920	0.31	2	16584	0.33	1	16148	0.17	1	20077	0.14	1	19240	0.14	2	23088	0.24
AVERAGE CRASH RATE		352	1513175	0.64	273	1466819	0.51	219	1428256	0.42	214	1422782	0.41	184	1360730	0.37	283	1657369	0.47

*SIGNALIZED INTERSECTION CRASH RATE = ((#CRASHES)/(1000000))/(AADT)/(365))

AADT (*) = Average Annual Daily Traffic

AADT (**) = Estimated Average Annual Daily Traffic