

# Ticket violations and neighborhood data (Buffalo)

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# Which ticket is the most common violation?

- (Frequency)
- The most common violation is alternate parking. This most likely happens because people don't notice the sign, or they forget to move their car in time.

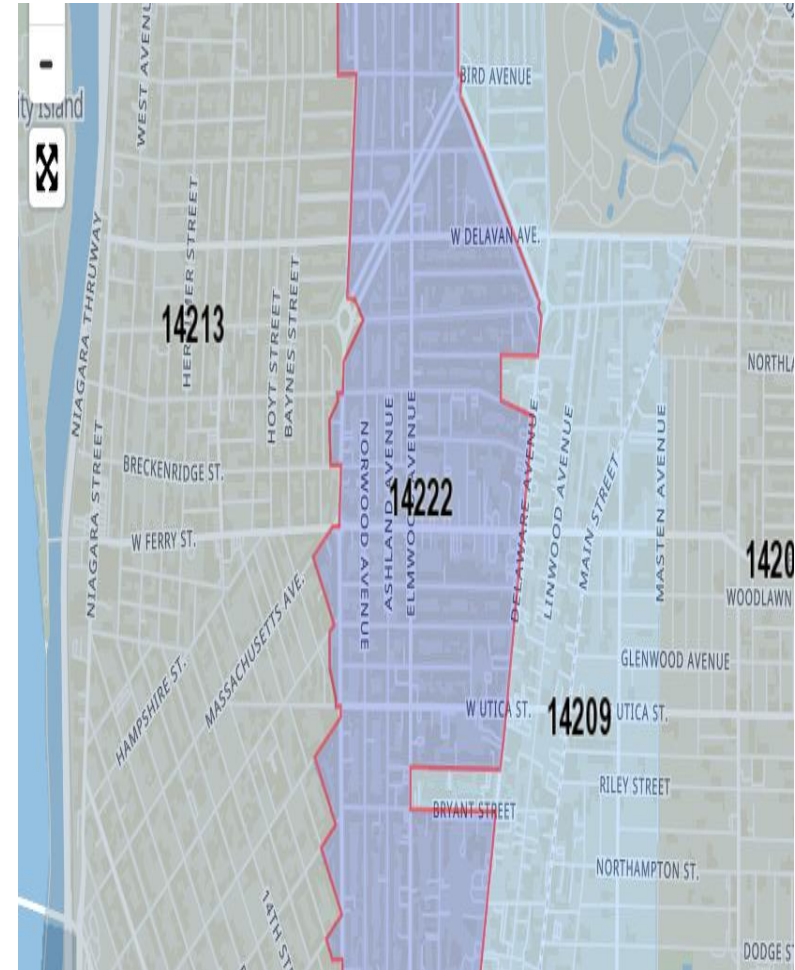
VIOLATIONDESCRIPTION					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ALTERNATE PARKING	913660	37.9	37.9	37.9
	METER OVERTIME	300743	12.5	12.5	50.3
	NO STANDING	229818	9.5	9.5	59.9
	NO PARKING	226273	9.4	9.4	69.2
	EXPIRED INSPECTION STICKER (ALL)	206267	8.5	8.5	77.8
	BUS RT. NO PARKING 1: 30 TO 7:00 AM 11/15-4/1	111971	4.6	4.6	82.4
	EXPIRED REGISTRATION STICKER	76840	3.2	3.2	85.6
	PARKING WITHOUT CONSENT (ALL)	62061	2.6	2.6	88.2
	LESS THAN 20 FT FROM CROSSWALK	49543	2.1	2.1	90.2
	PARKED ON SIDEWALK (ALL)	35969	1.5	1.5	91.7
	PARKED LESS THAN 15 FT - FIRE HYDRANT	33927	1.4	1.4	93.1
	BLOCKED DRIVEWAY (ALL)	27438	1.1	1.1	94.3
	PARKED IN HANDICAPPED AREA	21834	.9	.9	95.2
	VEHICLE PARKED ON UNPAVED PORTION OR	13957	.6	.6	95.8
	PARKED MORE THAN 12"FROM CURB	12225	.5	.5	96.3
	PARKING VIOLATION	11962	.5	.5	96.8
	ONE LICENSE PLATE MISSING (ALL)	11720	.5	.5	97.2



# Which zip code gets the most tickets?

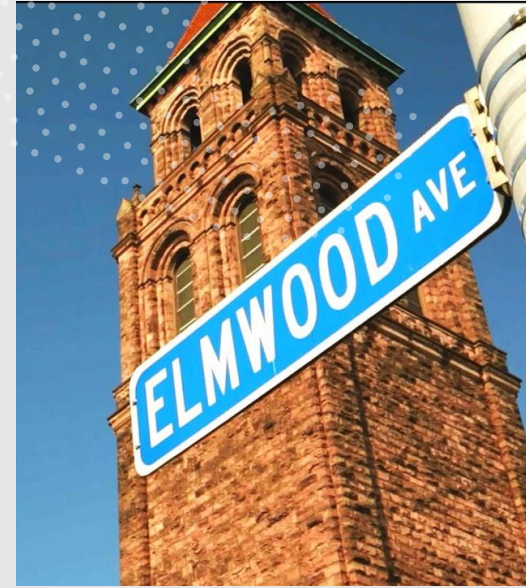
- (Compare means)
- The zip code that gets the most tickets is 14222. This is a popular area with parks, bars, restaurants, a college, museums, and overall entertainment

1	ZIPCODE	N
2	14222	364129
3	14202	336790
4	14203	219613
5	14213	198978
6	14216	181877
7	14201	159560
8	14214	152002
9	14215	118100
10	14220	113169
11	14209	108605
12	14207	94120
13	14208	86176
14	14211	58069
15	14206	57602
16	14210	51672
17	14204	38078
18	14212	24667
19	14225	188
20	14223	74
21	14218	59
22	Total	2363528



# Which street gets the most tickets?

- (Compare means)
- Elmwood is number one. This is because it is a very popular area. Delaware ranks second, and it is most likely due to the number of businesses in that area.



2	ELMWOOD	110315
3	DELAWARE	59207
4	PEARL	49430
5	HERTEL	34956
6	MAIN	34530
7	WASHINGTON	34106
8	ASHLAND	32142
9	ELLCOTT	31242
10	ALLEN	31012
11	FRANKLIN	29800
12	LINWOOD AVE	26361
13	BRYANT	25534
14	CLEVELAND AVE	24279
15	RICHMOND	23272
16	OAKLAND	21942
17	W CHIPPEWA	20340
18	POTOMAC	18502
19	HODGE	18256

# Do violations correlate with neighborhood population?

- Yes, the higher the population the more violations.



## Correlations

		Correlations	
		TotalPersons	Totalviolation
TotalPersons	Pearson Correlation	1	.425**
	Sig. (2-tailed)		.000
	N	2363521	2363521
Totalviolation	Pearson Correlation	.425**	1
	Sig. (2-tailed)	.000	
	N	2363521	2363521

\*\* . Correlation is significant at the 0.01 level (2-tailed).



# Wrap up



From this study we can see that popular areas, areas for entertainment, and areas where many businesses are located, get the most tickets.

Elmwood and the 14222 area are the most common places to receive a ticket. There are also other hotspots .

Alternate parking is the most ticketed violation by far.

