

Crime Report

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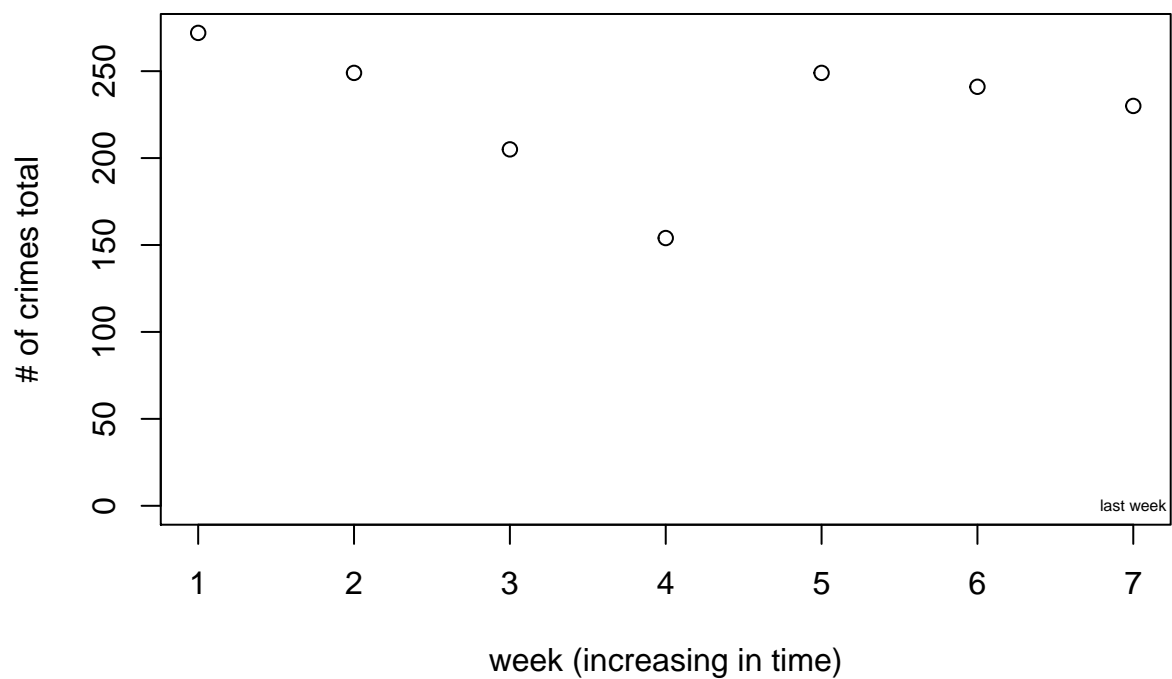
This is a report for the week

[1] "2015-04-20 20:00:00 EDT"

[1] "2015-04-27 20:00:00 EDT"

Overview

This is the total number of crimes for every week.



Crime types with high rates

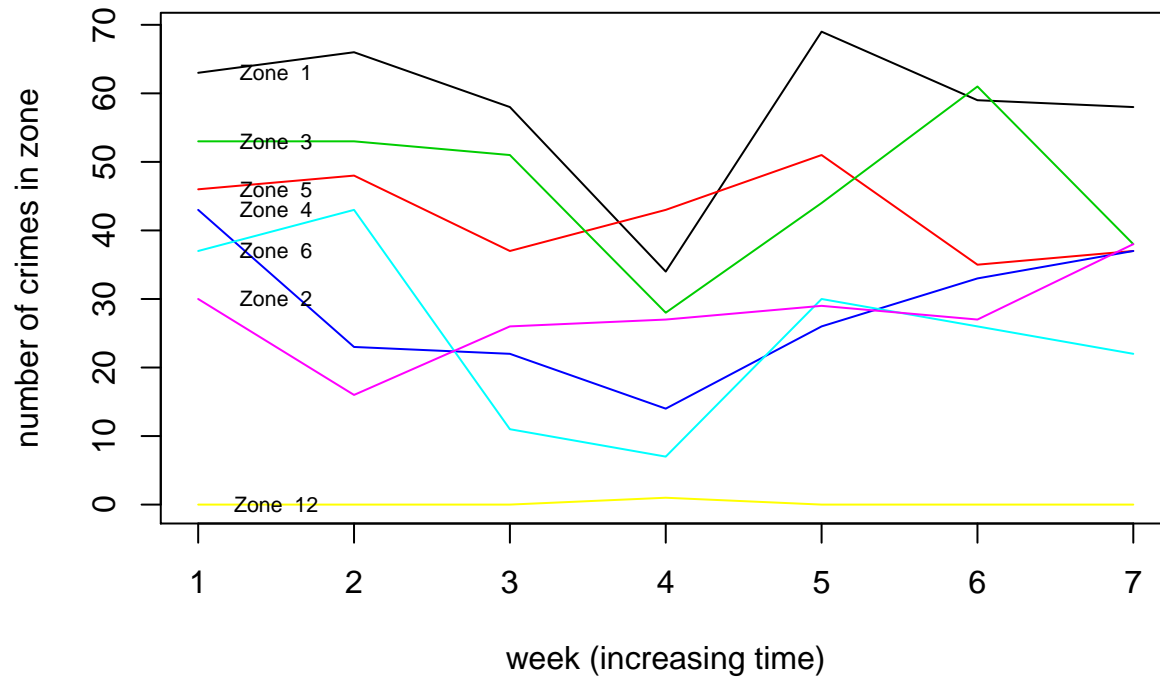
Here we list the crime types that had surprisingly high rates this week. We are interested if there is a crime type that is larger in the most recent week than in any of the weeks before. We list those in the table below.

Table 1: Crimes to watch this week

section	description	count	increase.over.max	historical.average
3304	Criminal mischief	15	1	12.00
2709	Harassment	65	2	49.50
3701	Robbery	12	3	7.17
2501	Homicide	3	1	0.83

Historical statistics in zones

In the following figure we list the number of committed crimes in every one of the six zones. The figure shows how the total number of crimes has developed over time in each zone.



Percentage changes

We then calculate how much the current week differs from the historical averages of relevant attributes. This is a percent difference.

We see that the percent increase of the crime types over the historical average roughly matches with the table of crime types to watch, because they exceeded their historical high.

Table 2: Percent increase of crimes types in the last week

	percent increase	type
2501	162.500000	Homicide
3701	52.727273	Robbery
3929	40.000000	Retail theft
3304	25.690608	Criminal mischief
3921(a)	23.529412	Theft of movable property
2709	20.689655	Harassment
2702	12.345679	Aggravated assault
3921	1.379310	Theft
3934	-3.289474	Theft from a motor vehicle
13(a)(30)	-4.938272	Possession w/ intent to deliver
13(a)(16)	-20.253165	Possession of a controlled substance
3502	-38.750000	Burglary
2701	-54.437870	Simple assault

The percentage increases in the zones with respect to the historical average are the following:

Table 3: Percent increase of crimes in the last week in each zone

2	4	1	6	5	3	12
37.82	30.81	-0.25	-12.5	-12.79	-18.9	-100

We compare this to the ten neighborhoods with the largest increase in the last week and the zones that they are in:

	percent increase	zone
Arlington Heights	600.00	3
Strip District	409.09	2
South Shore	366.67	3
Crawford-Roberts	273.33	2
South Oakland	250.00	4
Summer Hill	250.00	1
Point Breeze North	166.67	4
Oakwood	133.33	6
Stanton Heights	133.33	5
Homewood West	133.33	5