Project CLEAN:
Research Partner Presentation

September 4, 2018
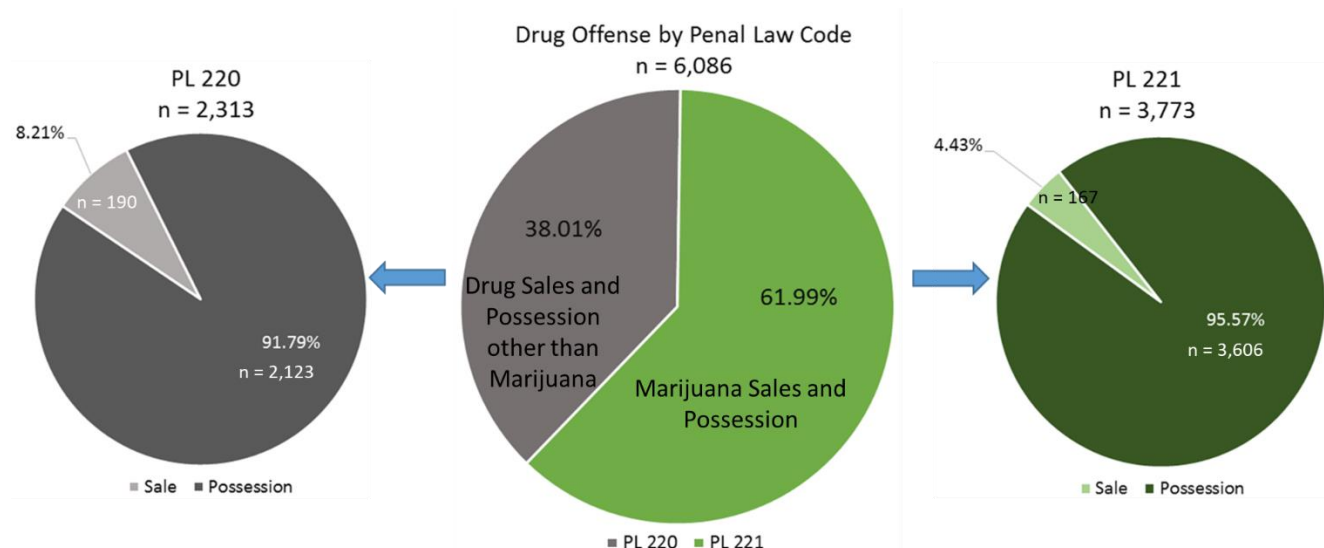Working Paper #CLEAN-2018-15

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The following pages contain the data presented at the Project CLEAN Steering committee meeting on September 4, 2018. At the request of the steering committee members, we added data to this document that include the breakdown of the types of drug arrests that occurred in the project area (i.e., possession, possession with intent to sell, and sales).

The data are from the Monroe Crime Analysis Center's Part II crimes database over the five most recent full years of data, 2013 – 2017. The goal is to provide police data on drug arrests in Rochester and in the project area. A limitation is that the data reflect arrests and therefore does not account for all drug activity – only instances in which someone was arrested. Also, the way that police data are captured makes it so that arrests due to heroin sales or heroin possession cannot be identified systematically in the database. Instead, we have tried to do the best that we can by separating marijuana arrests from all other drug arrests (which include arrests for heroin).
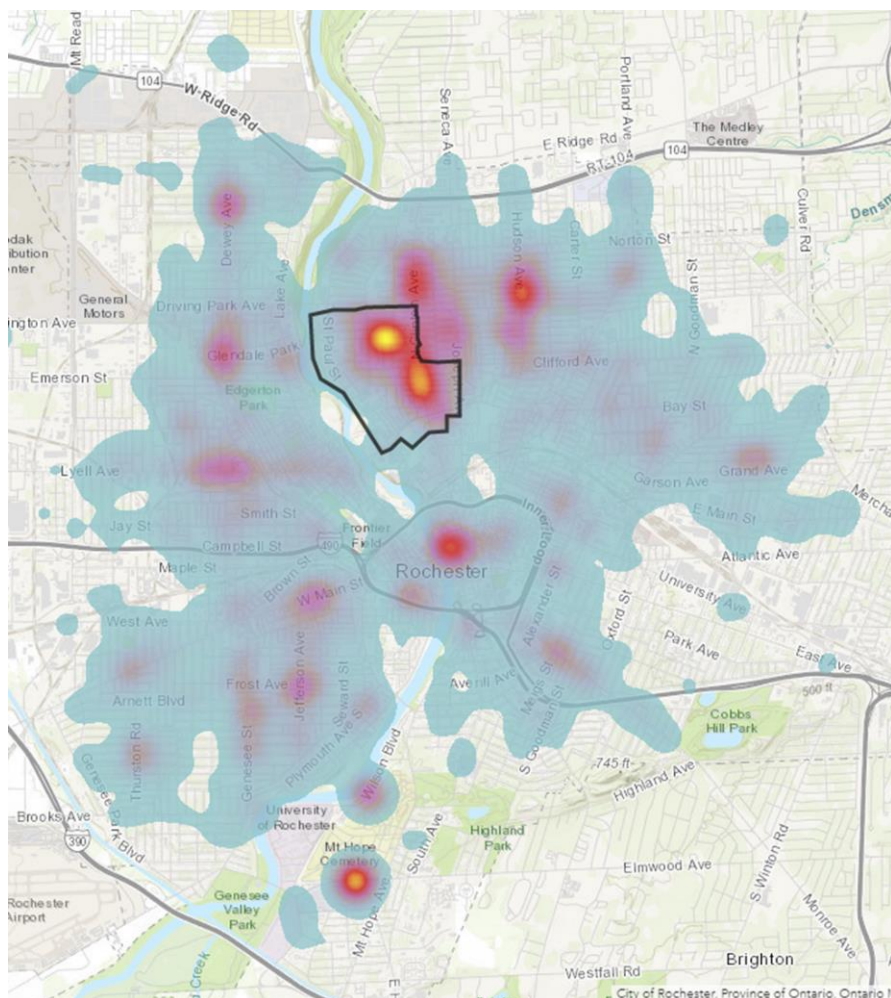
Drug Arrests in Rochester over 5 Years, 2013 - 2017

Over the most recent five years, there were 6,086 drug arrests in the City of Rochester. These data were identified by extracting cases under Penal Law (PL) 220 and 221 – these indicate drug sales or possession. PL 220 cases are categorized as arrests for drugs other than marijuana and all PL 221 cases are categorized as arrests for marijuana.

Arrests for marijuana possession or sales comprised 62% of total drug arrests across the city of Rochester. Of the marijuana arrests, 4% (167) are for marijuana sales. There were 190 arrests for drug sales other than marijuana across the city of Rochester over five years. The majority of arrests for drugs other than marijuana were for possession. Combined, there were 357 arrests for drug sales across the city of Rochester during these five years; this accounts for 6% of all drug arrests in Rochester.
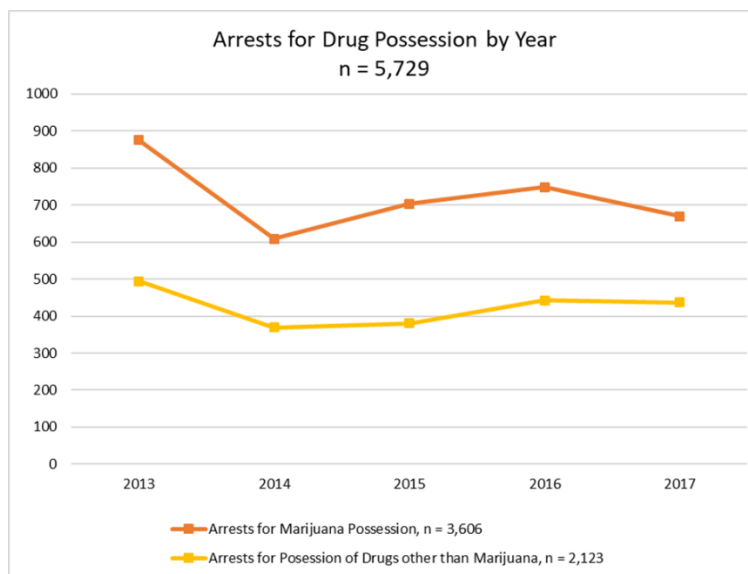
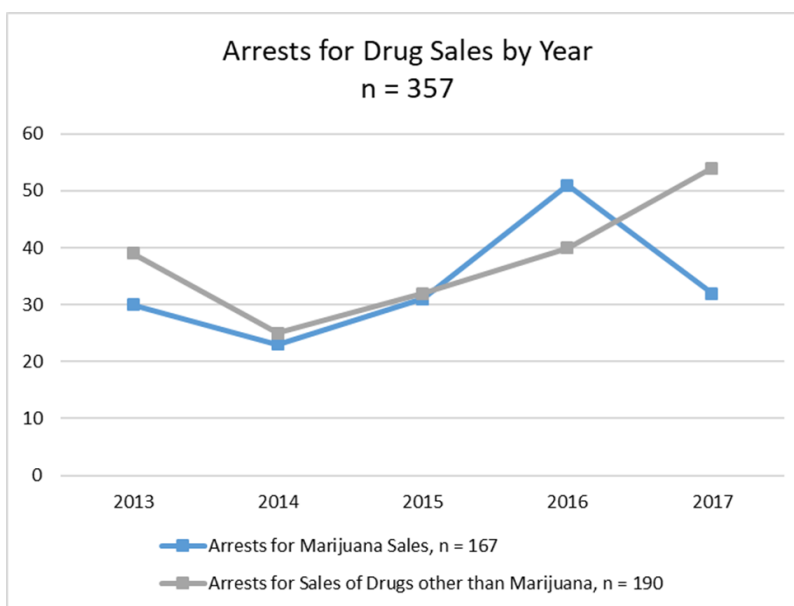**City of Rochester, All Drug Arrests, 2013 – 2017**
n = 5,633[1]

The heat map above indicates that the two largest hot spots for drug arrests in Rochester are located in the project area. Other hot spots emerge across the city, but the largest concentration of drug sales across Rochester over the last five years occurred in the project area.

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[1] this number represents the mappable cases; over 90% of the total drug arrests in Rochester were able to be mapped.

City of Rochester Possession and Sales Arrests, 2013 – 2017
n = 6,086

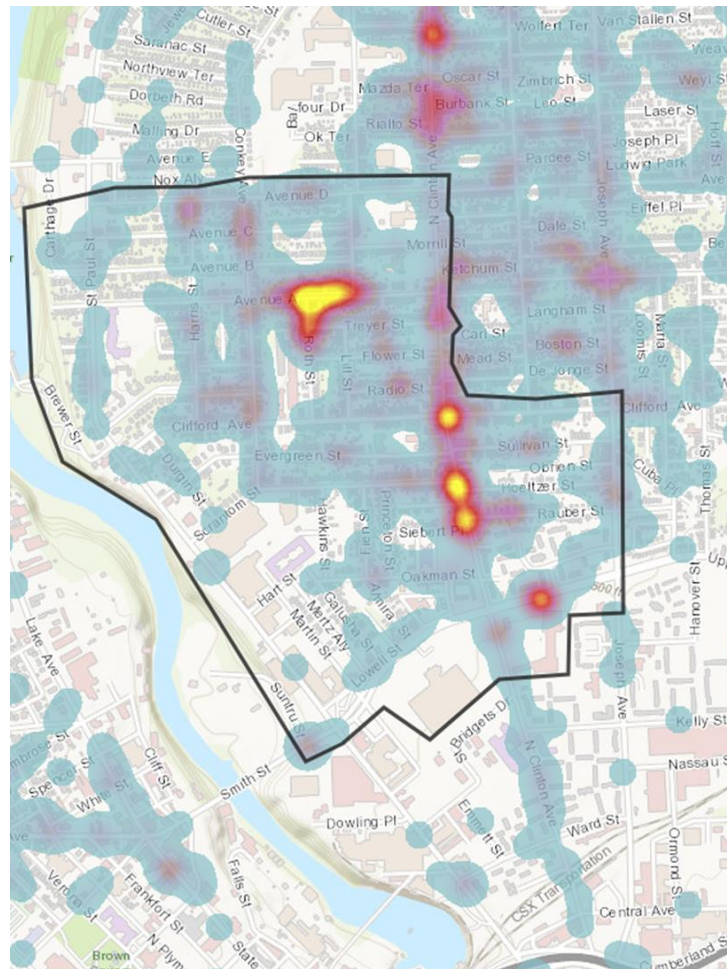Arrests for Drug Possession by Year
n = 5,729

This figure shows that after an initial drop in arrests for drug possession from 2013 – 2014, these arrests have remained generally steady for both marijuana possession and possession for drugs other than marijuana.

Arrests for Drug Sales by Year
n = 357

Of the 357 arrests for drug sales over five years, arrests for sales of drugs other than marijuana have been steadily increasing since 2014, from 25 in 2014 to more than doubling to 54 in 2017. Arrests for marijuana sales decreased from 2016 (50) to 2017 (31) across the city.

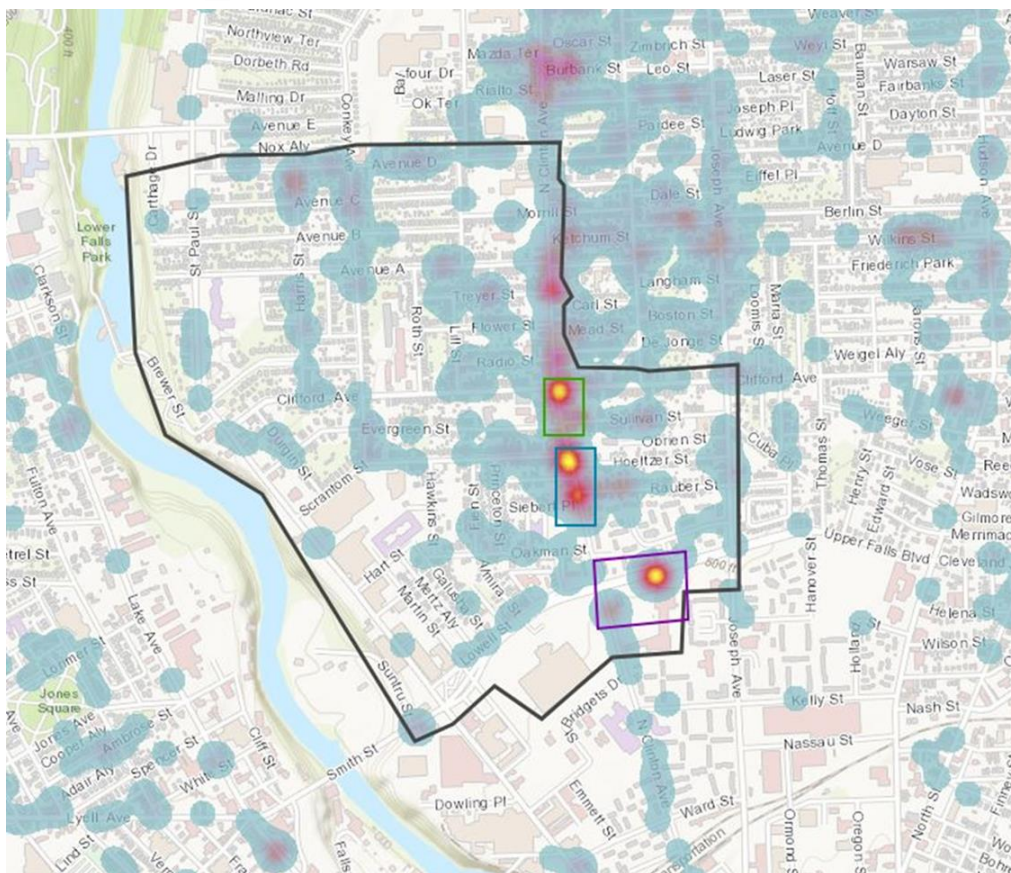**All Drug Arrests in Project Area, 2013 – 2017**
n = 759

The map above is a heat map of arrests for all drug offenses in the project area over five years. During this time, there were 759 arrests, which is about 150 drug arrests each year in the project area. This number comprises 13% of drug arrests across all of Rochester. Hot spots that emerge include Avenue A and Roth St, Clifford and Clinton, Scrantom and Clinton, Rauber and Clinton, and Upper Falls Boulevard. Of the 759 total drug arrests in the target area, 50% were for marijuana possession, 4% were for marijuana sales, 26% were for possession of drugs other than marijuana, 16% were for possession with the intent to sell, and 4% were for sales of drugs other than marijuana. Note that all possession with intent arrests in Rochester were for drugs other than marijuana; there were no arrests for intent to sell marijuana.

Arrests for Drugs other than Marijuana, 2013 – 2017
n = 347

☐ Clifford Hot Spot n = 50 arrests for drugs other than mj
☐ Clinton Hot Spot n = 76 arrests for drugs other than mj
☐ Upper Falls Hot Spot n = 43 arrests for drugs other than mj

The map above shows the concentration of arrests for drugs other than marijuana; notice that the Avenue A and Roth hot spot disappears. The two big hot spots for drug arrests in the project area indicate two separate drug markets: the marijuana market at Avenue A and Roth and the all other drugs (including heroin) market along the N. Clinton Ave corridor. Of the 347 arrests for drugs other than marijuana in the project area, 50 occurred in the Clifford hot spot (outlined in green), 76 occurred in the Clinton hot spot (outlined in blue), and 43 occurred in the Upper Falls hot spot (outlined in purple). These 347 arrests comprise 16% of the total arrests for drugs other than marijuana in Rochester 2013 – 2017. There was an average of 70 arrests for drugs other than marijuana (including sales, possession, and possession with intent to sell) each year in the target area; this is fewer than the 85 opioid overdoses that occurred in the target area in 2017.

Over the same five years, there were 412 arrests for marijuana in the project area. Of these, 92% (378) were for marijuana possession while the remaining 34 were for marijuana sales. In the Clifford, Clinton, and Upper Falls hot spots, there were no arrests for marijuana sales, but there were 12 marijuana possession arrests in the Clifford hot spot, 30 marijuana possession arrests in the Clinton hot spot, 7 marijuana possession arrests for upper falls hot spot.

Drug Arrests in the Project CLEAN Target Area, 2013 - 2017
n = 759

	Total Drug Arrests	% Marijuana Arrests	% All Other Drugs Arrests	All Marijuana Arrests			All Other Drugs Arrests			
				Possession	Sales	Total Marijuana	Possession with Intent	Possession	Sales	Total All Other Drugs
Total Target Area	759	54%	46%	378	34	412	124	196	27	347
Clifford Hot Spot	62	19%	81%	12	0	12	0	48	2	50
Clinton Hot Spot	106	28%	72%	30	0	30	29	37	10	76
Upper Falls Hot Spot	50	14%	86%	7	0	7	7	36	0	43

The table above shows the data on the number of marijuana arrests for sales and possession in addition to the arrests for sales of drugs other than marijuana, possession with intent to sell for drugs other than marijuana, and possession of drugs other than marijuana in the project area. In the project area, a little more than half of the arrests were for marijuana (54%) and a little less than half were for drugs other than marijuana (46%). Further, 44% of the arrests for drugs other than marijuana were related to selling (both possession with intent to sell and sales) indicating that drugs sales is a problem in the neighborhood.

In sum, the project area has the highest concentration of drug arrests in Rochester from 2013-2017. The marijuana market is along Roth and Avenue A, while the drug market that includes heroin and cocaine is along the N. Clinton corridor. Unsurprisingly, these arrest hot spots for the sale of drugs other than marijuana overlap the hot spots for opioid overdoses (using 2017 data) in the project area. This indicates that individuals are purchasing heroin and subsequently using very close to where they buy. Implementing interventions for both sales and use targeting these hot spots might reduce the open-air drug market in the neighborhood.