

**Fatal Opioid Overdose Disparity in Cook County
Statewide Opioid Crisis Response Advisory Committee**

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Opioid Data

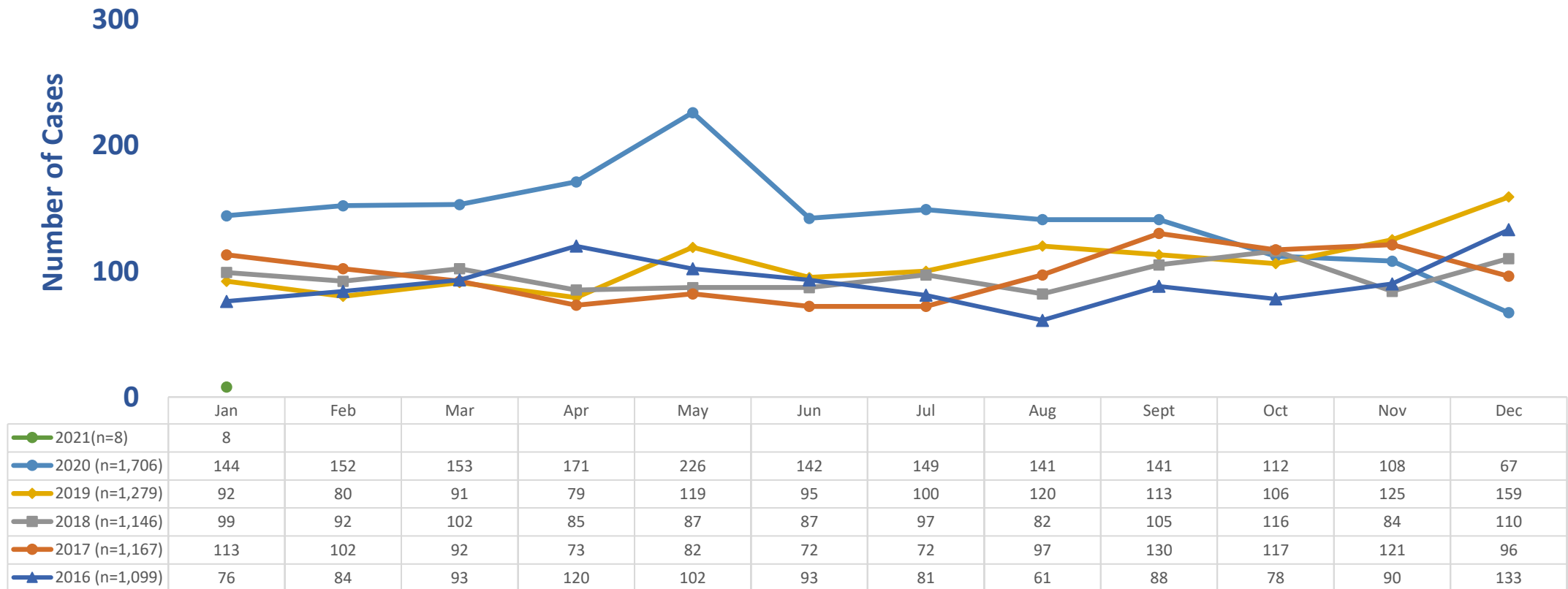
- Opioid as the primary or contributory cause of death
- What is the list of opioids we are looking at?

acetorphine, anaileridine, ANPP, aplphaproline, bromodol, buprenorphine, brorphine, cinnamoyloxycodeinone, clonitazene, codeine, desomorphine, dezocine, dihydrocodeine, enadoline, etonitazene, fentan, heroin, hydrocodone, hydromorphone, isotonitazenene, loperamide, meperidine, methadone, metopon, mitragynine, morphine, opiate, opioid, oxycodone, oxymorphone, pethidine, phenomorphan, phenazocoine, phenaridine, spiradoline, tapentadol, tilidine, tramadol, U-47700



Fatal Opioid Overdose Trend (2016-2020)

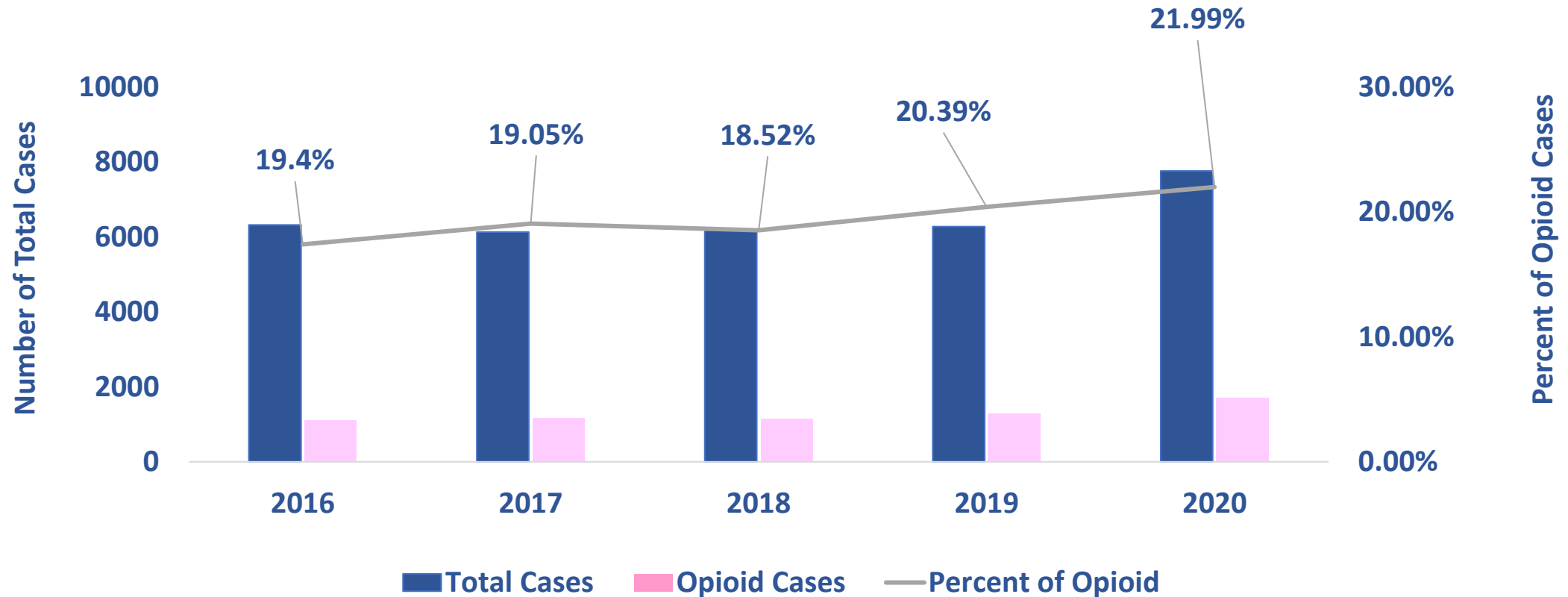
Fig. 1: Number of Fatal Opioid Overdose by Month and Year in Cook County (N=6,405)



Data Source: Cook County Medical Examiner's Case Archive

Fatal Opioid Overdose Trend (2016-2020)

Fig. 2: Percent and Number of Opioid Cases by Year in Cook County, 2016-2020



	Jan 2019-Dec 2019			Jan 2020-Dec 2020			2019 to 2020
	n	%	Rate	n	%	Rate	Change in Rate
Race/Ethnicity							
Hispanic	148	11.6%	11	254	14.9%	19	8.0
NH White	528	41.3%	24	606	35.5%	28	4.0
NH Black	589	46.1%	50	825	48.4%	70	20.0
NH Asian	9	0.7%	2	10	0.6%	3	1.0
NH Am. Indian	2	0.2%	32	1	0.1%	16	-16.0
NH Other	2	0.2%	15	4	0.2%	29	14.0
NH Unknown	1	0.1%	NA	6	0.4%	NA	NA
Sex							
Female	324	25.3%	12	390	22.8%	15	3.0
Male	954	74.7%	38	1315	77.2%	52	14.0

Type of Opioids (NH Black)

	2016	2017	2018	2019	2020	Percent Change (2018 to 2019)	Percent Change (2019 to 2020)
Acetyl fentanyl	8	64	136	137	78	0.74%	-43.07%
Despropionyl fentanyl	86	36	25	203	506	712%	149.26%
Fentanyl	232	293	394	458	682	16.2%	48.91%
Methadone	24	49	39	53	77	35.9%	45.28%
Heroin	225	320	293	296	341	1.0%	15.20%
Isotonitazene	0	0	0	2	18	NA	800%
Brorphine	0	0	0	2	15	NA	650%
# of opioid overdose cases among NH Blacks	406	482	496	589	825		

Type of Opioids (NH White)

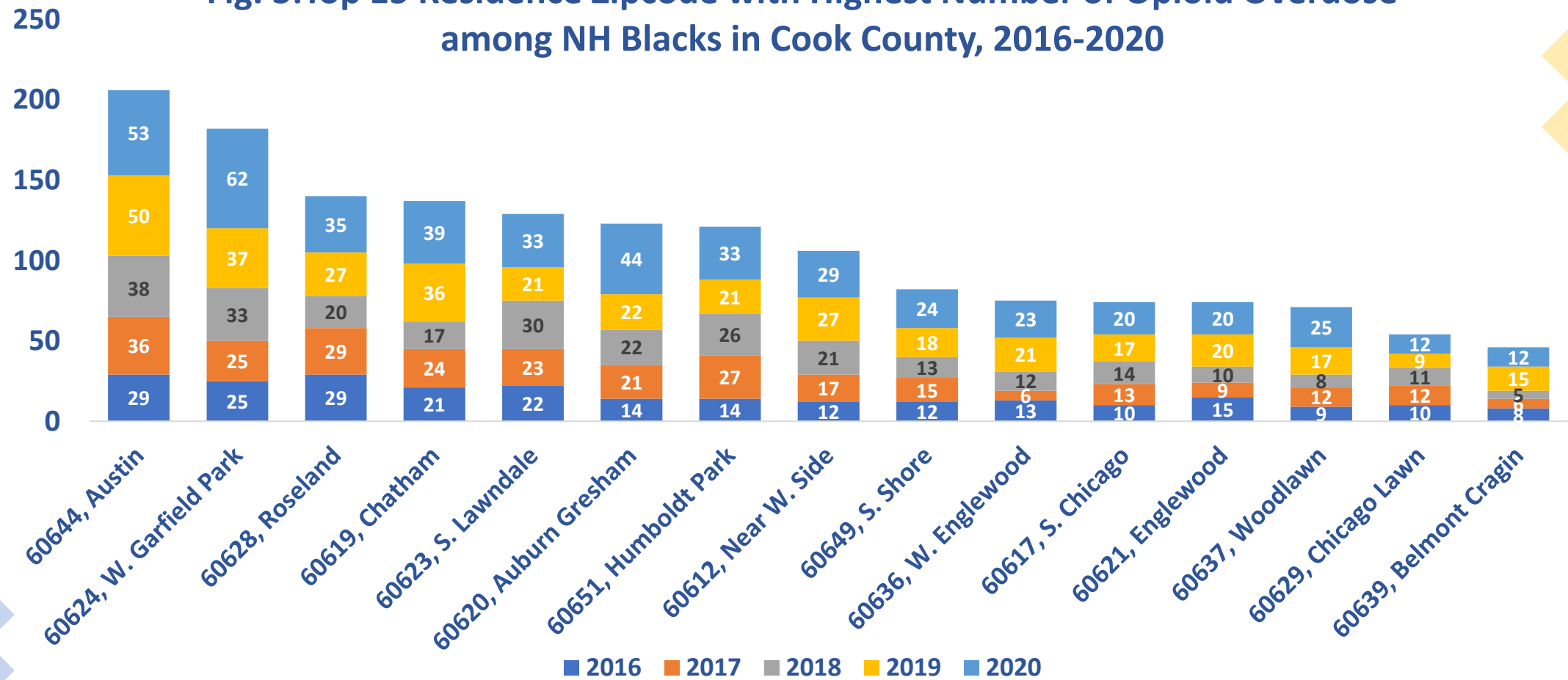
	2016	2017	2018	2019	2020	Percent Change (2018 to 2019)	Percent Change (2019 to 2020)
Acetyl fentanyl	9	58	88	115	34	30.68%	-70.43%
Despropionyl fentanyl	88	43	29	170	376	486.2%	121.18%
Fentanyl	215	286	341	358	479	5%	33.80%
Methadone	26	33	46	28	44	-39.1%	57.14%
Hydrocodone	39	58	43	43	28	0%	-34.88%
Heroin	278	349	283	242	220	-14.5%	-9.09%
Isotonitazene	0	0	0	2	10	NA	400%
Brorphine	0	0	0	2	10	NA	400%
# of opioid overdose cases among NH Whites	522	556	492	528	606		

Type of Opioids (Hispanics)

	2016	2017	2018	2019	2020	Percent Change (2018 to 2019)	Percent Change (2019 to 2020)
Acetyl fentanyl	2	9	25	33	11	32%	-60.61%
Despropionyl fentanyl	41	8	8	41	153	412.5%	273.17%
Fentanyl	86	71	106	113	210	6.6%	85.84%
Methadone	6	6	8	8	24	0%	200.00%
Heroin	78	83	90	80	83	-11.1%	3.75%
Isotonitazene	0	0	0	0	5	0%	NA
# of opioid overdose cases among Hispanics	159	123	154	148	254		

Residence Zipcode (NH Black)

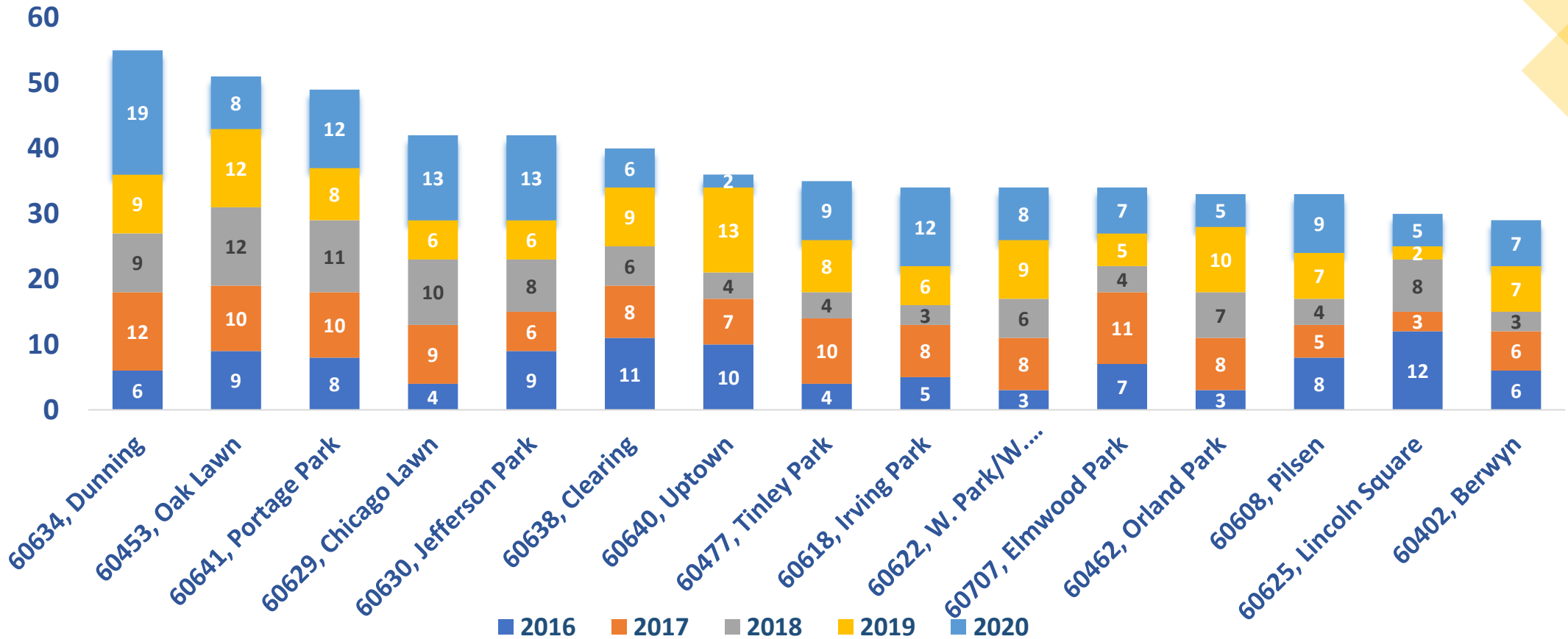
Fig. 3: Top 15 Residence Zipcode with Highest Number of Opioid Overdose among NH Blacks in Cook County, 2016-2020



Data Source: Cook County Medical Examiner's Case Archive

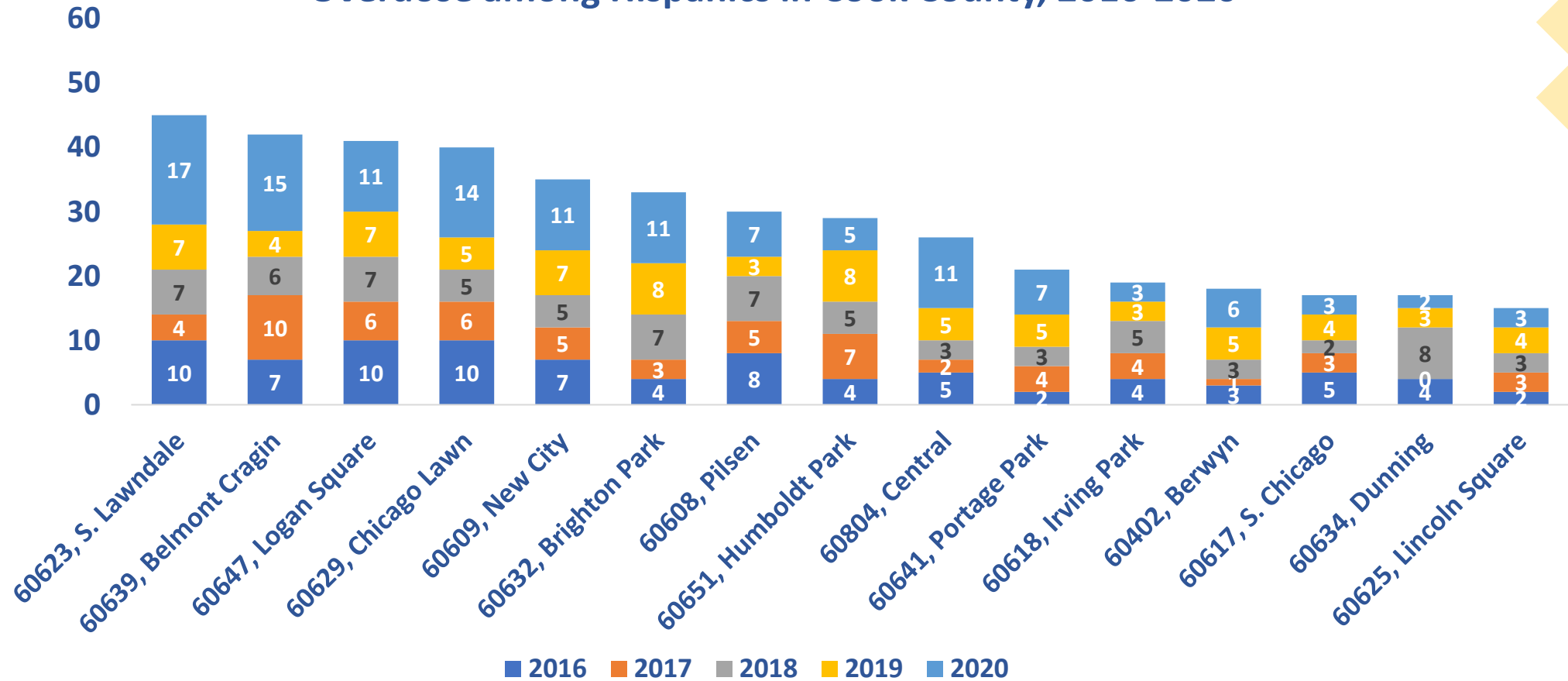
Residence Zipcode (NH White)

Fig. 5: Top 15 Residence Zipcode with Highest Number of Fatal Opioid Overdose among NH Whites in Cook County, 2016-2020



Residence Zipcode (Hispanics)

Fig. 7: Top 15 Residence Zipcode with Highest Number of Fatal Opioid Overdose among Hispanics in Cook County, 2016-2020



How Fatal Opioid Data Can be Used?

- Identify target population (initial planning phase)
 - Quantitative data (Medical Examiner, EMS, HIDTA, Law Enforcement)
- Communicate with partners who have access to data
 - Narrow down target population
 - Defining some performance measures
- Identify strategies/activities that work in the target population
- Interpretation of results



Any question?
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