

St Louis City and County Drug-Involved Deaths Report 2021

*Note: The St. Louis City data within this report is considered preliminary (although data does span through December 2021). A small number of cases have yet to be finalized by the City Medical Examiner's Office.

Key Takeaways

1. Overall, all drug-involved deaths **decreased in St. Louis City (- 9%)** but **increased in St. Louis County (+8%)** in 2021.
2. Opioid-involved deaths **decreased (-2%) in St. Louis City** and **remained stable in St. Louis County** in 2021.
 - a. In St. Louis City and County combined, **opioid-involved deaths continued to represent the majority (77%)** of all drug-involved deaths
3. In St. Louis City and County combined, deaths among **males accounted for 72% of all drug-involved deaths**.
4. St. Louis City total counts and rates of **all drug-involved deaths increased from 2019-2020** and then **decreased from 2020-2021**, though not to pre-pandemic levels.
 - a. The greatest proportional **decreases** of all drug-involved deaths in the City were most evident among **White females followed by White males**.
 - b. In 2019, 2020, and 2021 in St. Louis City, **Black males had the highest rates of all-drug involved deaths**.
5. St. Louis County total counts and rates of **all drug-involved deaths increased each year from 2019-2021**.
 - a. In 2019, 2020, and 2021 in St. Louis County, **Black males had the highest rates of all drug-involved deaths**.
6. Among Black individuals, all drug-involved deaths **increased in both St. Louis City (+2%) and in St. Louis County (+16%)**.
7. Among White individuals, all-drug involved deaths **decreased in St. Louis City (-22%) yet increased in St. Louis County (+1%)**.

Table 1: Differences in Drug-Involved Deaths in St. Louis City by Race and Sex 2020-2021

St. Louis City				
	January - December 2020	January - December 2021	Percent Change	Percent Change (by Race)
Opioid-Involved Deaths				
Total (All Races) ^a	390	383	-1.79	
Black Female	56	67	19.64	9.09
Black Male	175	185	5.71	
White Female	38	33	-13.16	-14.19
White Male	110	94	-14.55	
All Drug-Involved Deaths				
Total (All Races) ^a	491	449	-8.55	
Black Female	77	76	-1.3	2.43
Black Male	211	219	3.79	
White Female	48	37	-22.92	-21.58
White Male	142	112	-21.13	

^a “Total (All Races)” includes races other than just Black and White

To cite this source: University of Missouri, St. Louis-Missouri Institute of Mental Health Addiction Science Team, St. Louis City and St. Louis County Medical Examiners. (2022). St. Louis City and County Drug-Involved Deaths Report 2021. (2020-2021). Retrieved from <https://www.mimhaddisci.org/missouri-overdose-data>

Table 2: Differences in Drug-Involved Deaths in St. Louis County by Race and Sex 2020-2021

St. Louis County				
	January - December 2020	January - December 2021	Percent Change	Percent Change (by Race)
Opioid-Involved Deaths				
Total (All Races) ^a	340	341	0.29	
Black Female	41	40	-2.44	3.38
Black Male	107	113	5.61	
White Female	55	58	5.45	-1.08
White Male	130	125	-3.85	
All Drug-Involved Deaths				
Total (All Races) ^a	455	490	7.69	
Black Female	53	52	-1.89	16.3
Black Male	131	162	23.66	
White Female	72	84	16.67	1.15
White Male	188	179	-4.79	

^a “Total (All Races)” includes races other than just Black and White

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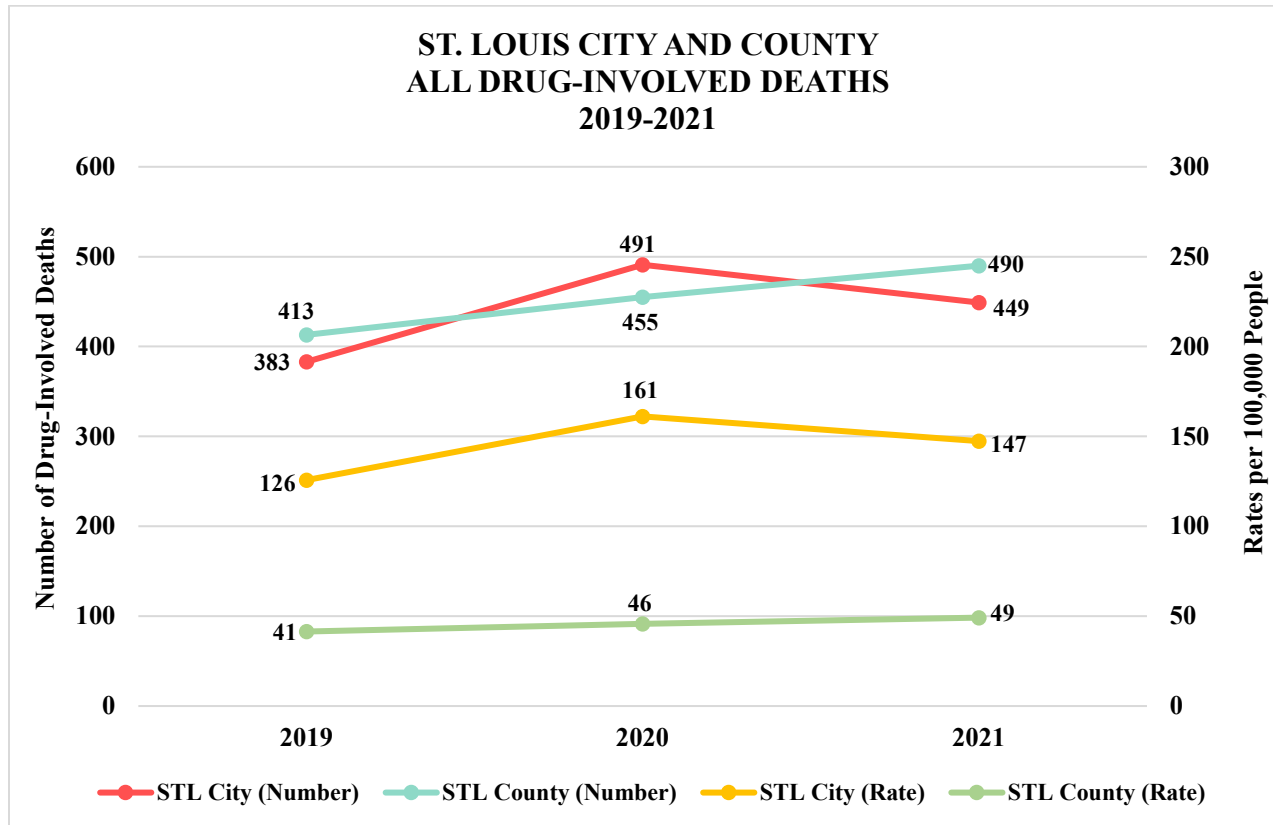
Table 3. Differences in Drug-Involved Deaths in St. Louis City and County Combined by Race and Sex 2020-2021

St. Louis City and County Combined				
	January - December 2020	January - December 2021	Percent Change	Percent Change (by Race)
Opioid Involved Deaths				
Total (All Races) ^a	730	724	-0.82	
Black Female	97	107	10.31	
Black Male	282	298	5.67	6.86
White Female	93	91	-2.15	
White Male	240	219	-8.75	-6.91
All Drug-Involved Deaths				
Total (All Races) ^a	946	939	-0.74	
Black Female	130	128	-1.54	
Black Male	342	381	11.4	7.84
White Female	120	121	0.83	
White Male	330	291	-11.82	-8.44

^a “Total (All Races)” includes races other than just Black and White

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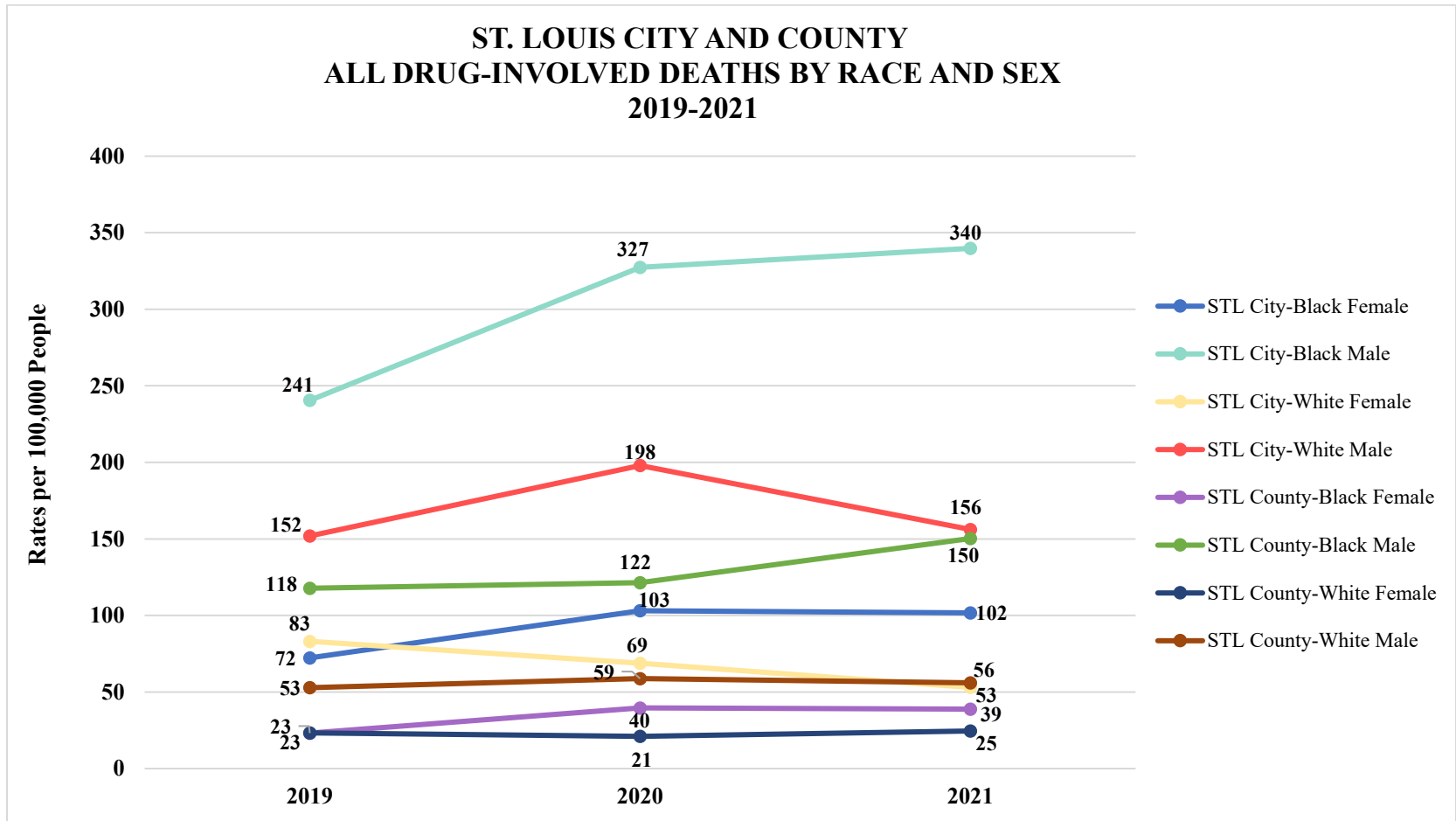
Figure 1: All Drug-Involved Deaths by Counts and Rates in St. Louis City and County 2019-2021



*Note: The left-hand vertical axis reflects counts (total number of drug-involved deaths), and the right-hand vertical axis reflects rates (deaths per 100,000 people).

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Figure 2: All Drug-Involved Deaths by Race and Sex in St. Louis City and County 2019-2021



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