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**Table of Recent Studies, Research, Statistics**

#	Topic	Date of Pub	Statistic/Results	Source (Title) and Link
1	Association b/w long term Rx opioid treatment for non-cancer pain and initiation of injection drug use (IDU) in people w/o history of substance use	11/18/21	Rate of IDU within 5 years. <i>Chronic use</i> – 4% <i>Episodic use</i> – 1.3% <i>Acute use</i> - .7%	“Prescription opioid treatment for non-cancer pain and initiation of injection drug use: large retrospective cohort study”  <a href="https://www.bmj.com/content/375/bmj-2021-066965.long">https://www.bmj.com/content/375/bmj-2021-066965.long</a>
2	Decrease in opioid prescribing in the past decade	9/21/21	There has been a 44.4% decrease in opioid prescribing nationwide in the past decade.	“Report shows decreases in opioid prescribing, increase in overdoses”  <a href="https://www.ama-assn.org/press-center/press-releases/report-shows-decreases-opioid-prescribing-increase-overdoses">https://www.ama-assn.org/press-center/press-releases/report-shows-decreases-opioid-prescribing-increase-overdoses</a>

				<p>“2021 OVERDOSE EPIDEMIC REPORT Physicians’ actions to help end the nation’s drug-related overdose and death epidemic —and what still needs to be done.”</p> <p><a href="https://end-overdose-epidemic.org/wp-content/uploads/2021/09/AMA-2021-Overdose-Epidemic-Report_92021.pdf">https://end-overdose-epidemic.org/wp-content/uploads/2021/09/AMA-2021-Overdose-Epidemic-Report_92021.pdf</a></p>
3	Rate of overdose deaths from 2013-2019	2/12/21	From 2013-2019, the synthetic opioid-involved death rate increased by 1040%	<p>“Trends and geographic patterns in drug and synthetic opioid overdose deaths- USA 2013-2019”</p> <p><a href="https://www.cdc.gov/mmwr/volumes/70/wr/mm7006a4.htm">https://www.cdc.gov/mmwr/volumes/70/wr/mm7006a4.htm</a></p>
4	Rate of increase in overdose deaths from 2020-2021	11/17/21	“There were an estimated 100,306 drug overdose deaths in the USA during 12-month period ending in April 2021, an increase of 28.5% from the 78,056 deaths during the same period the year before”	<p>“Drug Overdose Deaths in the U.S. Top 100,000 Annually</p> <p><a href="https://www.cdc.gov/nchs/pressroom/nchs_press_releases/2021/20211117.htm">https://www.cdc.gov/nchs/pressroom/nchs_press_releases/2021/20211117.htm</a></p>
5	Relationship between the amount of opioids and injury-related mortality, including unintentional deaths, suicides, and homicides	3/9/21	“There is not a direct association between prescription opioids and injury-related mortality, including unintentional deaths, suicides, and homicides.”	<p>“Opioids and injury deaths: A population-based analysis of the United States from 2006-2017”</p> <p><a href="https://www.injuryjournal.com/article/S0020-1383(21)00233-3/fulltext">https://www.injuryjournal.com/article/S0020-1383(21)00233-3/fulltext</a></p>
6	Accuracy of CDC’s date counting prescription opioid deaths	3/24/21	In a 2018 report titled “ <i>Quantifying the Epidemic of Prescription Opioid Overdose Deaths</i> ,” four senior analysts of CDC acknowledged that the # of Rx opioid OD deaths reported by the CDC in 2016 was erroneous, caused by miscoding deaths involving illicit fentanyl as deaths involving Rx fentanyl.”	<p>“CDC’s Efforts to Quantify Prescription Opioid Overdose Deaths Fall Short”</p> <p><a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7987740/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7987740/</a></p>

7	Opioid use disorder and overdose among youth following an initial opioid prescription	3/19/21	<p>During the year after they filled an opioid prescription:</p> <p><i>Rate of an opioid-related complication prescription:</i> .3%</p> <p><i>Rate of OUD diagnosis:</i> .26%</p> <p><i>Opioid related OD:</i> .04%</p>	<p>“Opioid Use Disorder and Overdose Among Youth Following an Initial Opioid Prescription.”</p> <p><a href="https://pubmed.ncbi.nlm.nih.gov/33739476/">https://pubmed.ncbi.nlm.nih.gov/33739476/</a></p>
8	Rate of misuse or overdose in postsurgical prescriptions for opioid naïve patients	1/17/18	<p>Members were followed for median of 2.67 years</p> <p>Rate of opioid misuse: .6%, .2% occurring within one year after surgery</p>	<p>“Postsurgical prescriptions for opioid naïve patients and association with overdose and misuse: retrospective cohort study”</p> <p><a href="https://www.bmj.com/content/360/bmj.j5790">https://www.bmj.com/content/360/bmj.j5790</a></p>
9	Efficacy of opioids in chronic pain	5/3/18	<p>“There is an ample evidence base supporting the efficacy of opioid analgesics for at least 3 months’ duration, a standard period for the evaluation of treatments for chronic pain and other chronic disorders.”</p> <p>“This evidence base is at least as large as that for any other class of analgesics, and analysis of responders demonstrates clinically meaningful improvements.”</p>	<p>“Efficacy of opioid versus placebo in chronic pain: a systematic review and meta-analysis of enriched enrollment randomized withdrawal trials”</p> <p><a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5939920/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5939920/</a></p>

10	Association of opioid tapering with risk of OD or mental health crisis	8/3/21	<p>“Among patients prescribed stable, long-term, higher-dose opioid therapy, tapering events were significantly associated with increased risk of overdose and mental health crisis.”</p>	<p>“Association of Dose Tapering With Overdose or Mental Health Crisis Among Patients Prescribed Long-term Opioids”</p> <p><a href="https://jamanetwork.com/journals/jama/article-abstract/2782643?guestAccessKey=a13d0857-892c-4c51-b888-0412f36c9640&amp;utm_source=For%20The%20Media&amp;utm_medium=referral&amp;utm_campaign=ftm_links&amp;utm_content=tfI&amp;utm_term=080321">https://jamanetwork.com/journals/jama/article-abstract/2782643?guestAccessKey=a13d0857-892c-4c51-b888-0412f36c9640&amp;utm_source=For The Media&amp;utm_medium=referral&amp;utm_campaign=ftm_links&amp;utm_content=tfI&amp;utm_term=080321</a></p>
11	Association of stopping opioid prescriptions and overdoses or suicides in US veterans due to the OSI (Opioid Safety Initiative)	8/14/21	<p>“a sizable group of veterans, particularly those living in rural areas, have suffered as a result of a stricter opioid environment (after many years of relatively lax opioid policies). Our findings suggest that policies that swiftly and significantly curtail opioid prescriptions should be approached with great caution.”</p> <p>“The increased suicides we found were unlikely to have been offset by lives saved by other means as a result of the program.”</p>	<p>A program tried to cut opioid addiction among veterans. Did it cause suicides?</p> <p><a href="https://www.washingtonpost.com/outlook/2021/08/24/opioids-veterans-suicides-interventions-safety/">https://www.washingtonpost.com/outlook/2021/08/24/opioids-veterans-suicides-interventions-safety/</a></p>
12	Rate of PDMP use by prescribers	9/21/21	<p>PDMP use has increased from 61.5 million in 2014 to 910.6 million in 2020</p>	<p>“Prescription drug monitoring program national survey”</p> <p><a href="https://end-overdose-epidemic.org/wp-content/uploads/2021/09/AMA-fact-sheet-PDMP-2014-2020-blue-FINAL.pdf">https://end-overdose-epidemic.org/wp-content/uploads/2021/09/AMA-fact-sheet-PDMP-2014-2020-blue-FINAL.pdf</a></p>

				<p>“2021 OVERDOSE EPIDEMIC REPORT Physicians’ actions to help end the nation’s drug-related overdose and death epidemic —and what still needs to be done.”</p> <p><a href="https://end-overdose-epidemic.org/wp-content/uploads/2021/09/AMA-2021-Overdose-Epidemic-Report_92021.pdf">https://end-overdose-epidemic.org/wp-content/uploads/2021/09/AMA-2021-Overdose-Epidemic-Report_92021.pdf</a></p>
13	Since mandating PDMP use, overdose deaths have skyrocketed	7/29/21	<p>“This study finds that Prescription Drug Monitoring Programs fail to reduce opioid overdoses and increase the use of black-market opioids”</p>	<p>“Prescription Drug Monitoring Programs: Effects on Opioid Prescribing and Drug Overdose Mortality”</p> <p><a href="https://reason.org/policy-study/prescription-drug-monitoring-programs-effects-on-opioid-prescribing-and-drug-overdose-mortality/">https://reason.org/policy-study/prescription-drug-monitoring-programs-effects-on-opioid-prescribing-and-drug-overdose-mortality/</a></p> <p>“Prescription drug monitoring programs: PDMP effects on opioid prescribing and drug overdose mortality.”</p> <p><a href="https://reason.org/wp-content/uploads/prescription-drug-monitoring-programs-effects-on-opioid-prescribing-and-drug-overdose-mortality.pdf">https://reason.org/wp-content/uploads/prescription-drug-monitoring-programs-effects-on-opioid-prescribing-and-drug-overdose-mortality.pdf</a></p>
14	No correlation between Prescription Opioid Deaths, Opioid Treatment Admissions/addiction and Prescription Opioid Sales from 2010-2019	8/4/22	<p>“The analyses revealed that the direct correlations reported by the CDC (of prescription opioid sales/opioid treatment admissions/opioid deaths) based on data from 1999-2010 no longer exist. Based on data from 2010-2019 the relationships have either reversed or are non-existent.”</p> <p>“The guideline, guideline update, CDC’s public, medical profession, and intergovernmental communications should be correlated/updated to state no direct correlation has existed between prescription opioid sales, opioid treatment admissions, any opioid overdose death,</p>	<p>“Overdose, opioid treatment, admissions, and prescription opioid pain reliever relationships: United States, 2010-2019”</p> <p><a href="https://www.frontiersin.org/articles/10.3389/fpain.2022.884674/full">https://www.frontiersin.org/articles/10.3389/fpain.2022.884674/full</a></p>

			prescription opioid overdose death, and total overdose death since 2010.”	
15	Long-term risk of adverse events after opioid tapering	6/13/22	“These findings suggest that opioid tapering was associated with increased rates of overdose, withdrawal, and mental health crisis extending up to 2 years after taper initiation.”	“Long-term risk of overdose or mental health crisis after opioid dose tapering” <a href="https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2793293">https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2793293</a>

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