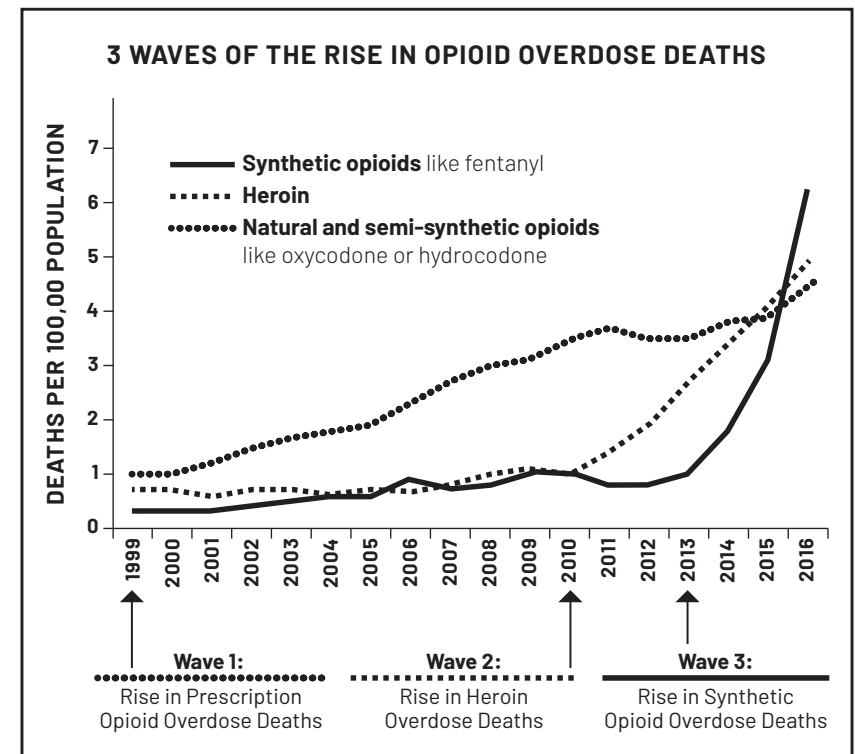


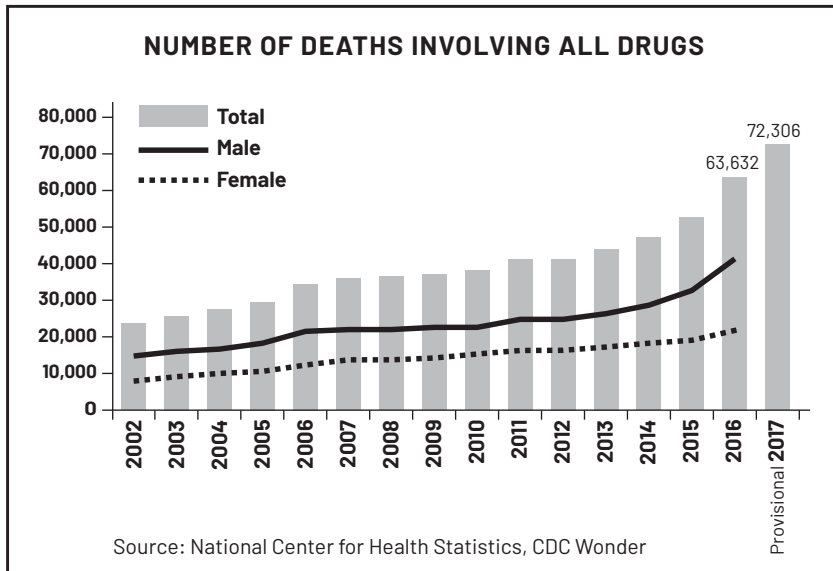
# GRAPHICS AND DATA

## The Three Waves of the Opioid Crisis: Overprescribing, Heroin, and Fentanyl

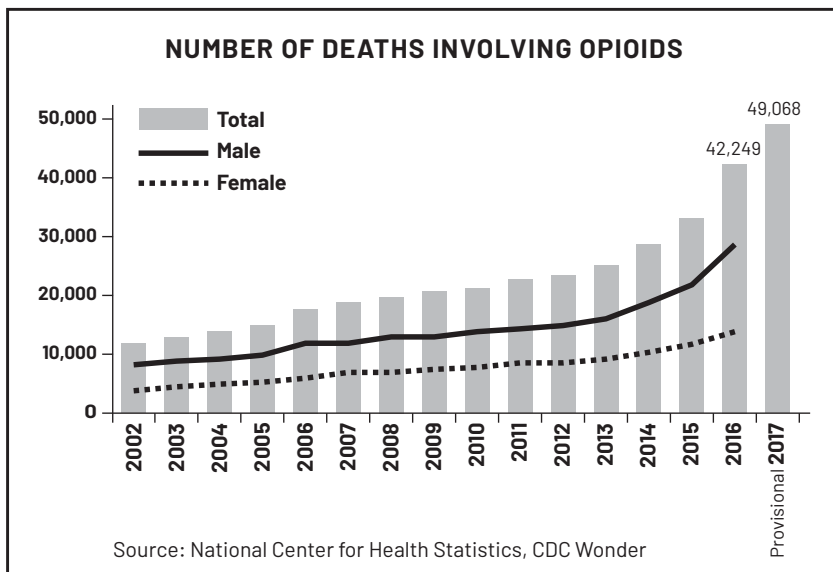


The opioid crisis is marked by three distinct waves of spiking death rates—from prescription opioids beginning in 1999, from heroin beginning in 2010, and from synthetic opioids, especially fentanyl, beginning in 2013.<sup>1</sup>

### How many people have died in the opioid crisis to date?

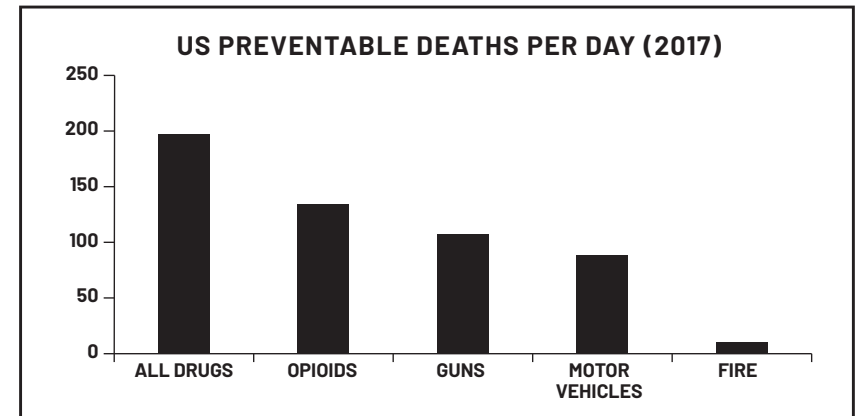


From 2002 to 2017, there was a threefold increase in the total number of US overdose deaths involving all drugs.<sup>2</sup>



From 2002 to 2017, there was a fourfold increase in the total number of US overdose deaths involving opioids.<sup>3</sup>

### How do opioids compare to other preventable causes of death?



All Drugs <sup>4</sup>	Opioids <sup>5</sup>	Gun-Related <sup>6</sup>	Motor Vehicles <sup>7</sup>	Fire-Related <sup>8</sup>
197/day	134/day	107/day	88/day	9/day
72,000	49,000	39,000	32,000	3,400

There are more deaths per day from drug overdoses than there are from guns and cars combined.

### How big is America's drug problem?

	Estimated #
US Total Population <sup>9</sup>	326 million
US Adult Population (18+)	253 million
US Adults prescribed opioids in 2015 <sup>10</sup>	92 million
US Adults with a SUD <sup>11</sup>	20 million
US Adults reporting an OUD <sup>12</sup>	11.5 million
Americans diagnosed with an OUD <sup>13</sup>	1.5 million

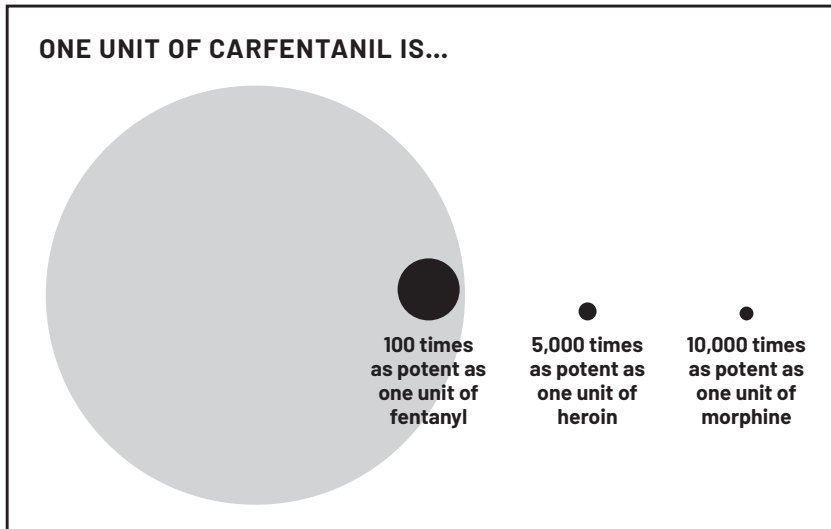
Nearly four out of ten adults in the US were prescribed opiates in 2015. Of 253 million adults in the US, approximately 8 percent have a substance use disorder.

### How many Americans are living in pain?

	Estimated #
US Total Population <sup>14</sup>	326 million
US Adult Population	253 million
Americans suffering from chronic pain most days or every day in the past 6 months <sup>15</sup>	50 million
Americans experiencing chronic pain that limits "life or work activities on most days or every day in the past 6 months"	20 million

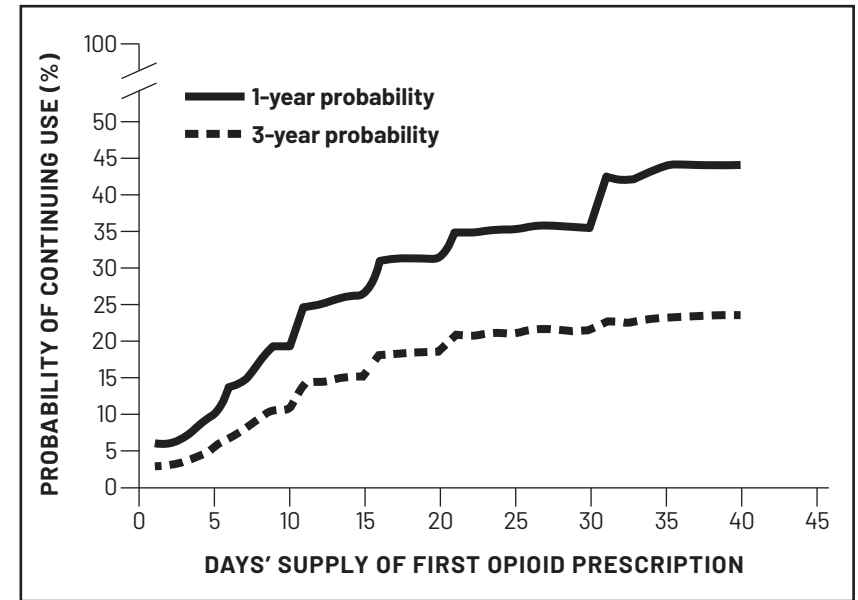
One in five adults experiences chronic pain. For one in twelve adults, chronic pain limits life and work activities most or all of the time.

### How do synthetic opioids compare to the potency of opiates?<sup>16</sup>



Synthetic opioids of extreme, highly deadly potency increasingly are showing up on the streets. Carfentanil, a synthetic opioid, is 10,000 times as potent as one unit of morphine, and 100 times as potent as one unit of fentanyl.

### How addictive are opioids?



For patients in the hospital, the number of days of the initial prescription is predictive of the risk of continued, long-term opioid use for a year or more.<sup>17</sup> A five-day initial opioid supply translates into a 10 percent risk of use for a year or more; a ten-day supply translates into a 20 percent risk; and a thirty-day supply translates into a 45 percent risk.