

## Number of National Drug Overdose Deaths Involving Select Prescription and Illicit Drugs, Ages 15-24 Years Old

All underlying causes of death\*  
 Source: National Center on Health Statistics, CDC WONDER

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010-2018 Fold Change
<b>Total Overdose Deaths</b>	<b>1,240</b>	<b>1,435</b>	<b>1,700</b>	<b>2,095</b>	<b>2,491</b>	<b>2,751</b>	<b>2,918</b>	<b>3,460</b>	<b>3,550</b>	<b>3,487</b>	<b>3,377</b>	<b>3,571</b>	<b>3,762</b>	<b>3,518</b>	<b>3,664</b>	<b>3,798</b>	<b>4,235</b>	<b>5,376</b>	<b>5,455</b>	<b>4,633</b>	<b>1.3</b>
Female	346	369	438	560	632	683	733	820	883	848	862	988	990	945	1,028	1,075	1,258	1,483	1,663	1,481	1.5
Male	894	1,066	1,262	1,535	1,859	2,068	2,185	2,640	2,667	2,639	2,515	2,583	2,772	2,573	2,636	2,723	2,977	3,893	3,792	3,152	1.2
<b>Any Opioid<sup>1</sup></b>	<b>620</b>	<b>728</b>	<b>943</b>	<b>1,178</b>	<b>1,399</b>	<b>1,596</b>	<b>1,684</b>	<b>2,096</b>	<b>2,175</b>	<b>2,294</b>	<b>2,229</b>	<b>2,387</b>	<b>2,545</b>	<b>2,343</b>	<b>2,486</b>	<b>2,706</b>	<b>3,082</b>	<b>4,027</b>	<b>4,094</b>	<b>3,618</b>	<b>1.5</b>
Female	141	140	203	269	306	333	371	444	491	482	521	603	624	574	640	711	871	1,041	1,209	1,091	2.3
Male	479	588	740	909	1,093	1,263	1,313	1,652	1,684	1,812	1,708	1,784	1,921	1,769	1,846	1,995	2,211	2,986	2,885	2,527	1.4
<b>Prescription Opioids<sup>2</sup></b>	<b>228</b>	<b>288</b>	<b>489</b>	<b>641</b>	<b>833</b>	<b>1,031</b>	<b>1,058</b>	<b>1,388</b>	<b>1,536</b>	<b>1,449</b>	<b>1,406</b>	<b>1,530</b>	<b>1,427</b>	<b>1,120</b>	<b>988</b>	<b>931</b>	<b>886</b>	<b>1,146</b>	<b>1,050</b>	<b>790</b>	<b>0.5</b>
Female	61	69	101	152	175	202	225	290	353	299	338	389	363	289	241	252	267	294	322	242	0.6
Male	167	219	388	489	658	829	833	1,098	1,183	1,150	1,068	1,141	1,064	831	747	679	619	852	728	548	0.5
<b>Prescription Opioids AND Other Synthetic Narcotics</b>		<b>11</b>	<b>12</b>	<b>21</b>	<b>31</b>	<b>28</b>	<b>31</b>	<b>52</b>	<b>41</b>	<b>55</b>	<b>58</b>	<b>65</b>	<b>62</b>	<b>42</b>	<b>62</b>	<b>81</b>	<b>171</b>	<b>289</b>	<b>364</b>	<b>352</b>	<b>5.4</b>
Female								14	12	11	21	26	23	10	19	27	58	88	122	117	4.5
Male			10	12	23	19	27	38	29	44	37	39	39	32	43	54	113	201	242	235	6.0
<b>Other Synthetic Narcotics (fentanyl)</b>	<b>33</b>	<b>40</b>	<b>54</b>	<b>84</b>	<b>107</b>	<b>121</b>	<b>130</b>	<b>278</b>	<b>175</b>	<b>190</b>	<b>203</b>	<b>229</b>	<b>220</b>	<b>172</b>	<b>237</b>	<b>514</b>	<b>999</b>	<b>1,958</b>	<b>2,655</b>	<b>2,640</b>	<b>11.5</b>
Female		13	15	22	34	26	25	66	47	48	53	77	60	35	68	138	281	524	778	799	10.4
Male	28	27	39	62	73	95	105	212	128	142	150	152	160	137	169	376	718	1,434	1,877	1,841	12.1
<b>Heroin<sup>3</sup></b>	<b>198</b>	<b>216</b>	<b>212</b>	<b>241</b>	<b>259</b>	<b>263</b>	<b>279</b>	<b>313</b>	<b>359</b>	<b>497</b>	<b>510</b>	<b>537</b>	<b>809</b>	<b>963</b>	<b>1,263</b>	<b>1,452</b>	<b>1,649</b>	<b>1,728</b>	<b>1,454</b>	<b>1,160</b>	<b>2.9</b>
Female	38	36	42	56	55	57	65	57	61	96	115	118	183	241	322	373	477	453	423	339	2.2
Male	160	180	170	185	204	206	214	256	298	401	395	419	626	722	941	1,079	1,172	1,275	1,031	821	2.0
<b>Heroin AND Other Synthetic Narcotics</b>							<b>14</b>								<b>20</b>	<b>131</b>	<b>305</b>	<b>535</b>	<b>701</b>	<b>623</b>	
Female															7	42	96	160	199	178	
Male															13	89	209	375	502	445	
<b>Cocaine<sup>4</sup></b>	<b>267</b>	<b>276</b>	<b>280</b>	<b>388</b>	<b>475</b>	<b>507</b>	<b>546</b>	<b>676</b>	<b>563</b>	<b>384</b>	<b>269</b>	<b>265</b>	<b>310</b>	<b>270</b>	<b>273</b>	<b>334</b>	<b>442</b>	<b>757</b>	<b>924</b>	<b>859</b>	<b>3.2</b>
Female	60	72	68	109	118	121	132	168	119	89	58	80	82	70	78	84	139	204	291	265	3.3
Male	207	204	212	279	357	386	414	508	444	295	211	185	228	200	195	250	303	553	633	594	3.2
<b>Cocaine AND Any Opioid</b>	<b>147</b>	<b>164</b>	<b>167</b>	<b>223</b>	<b>266</b>	<b>312</b>	<b>345</b>	<b>424</b>	<b>365</b>	<b>208</b>	<b>208</b>	<b>209</b>	<b>242</b>	<b>227</b>	<b>222</b>	<b>280</b>	<b>385</b>	<b>641</b>	<b>792</b>	<b>751</b>	<b>3.6</b>
Female	34	39	42	56	57	76	91	94	81	62	42	63	63	56	64	69	122	171	259	223	3.5
Male	113	125	125	167	209	236	254	330	284	218	166	146	179	171	158	211	263	470	533	528	3.6
<b>Cocaine AND Other Synthetic Narcotics</b>					<b>14</b>	<b>12</b>	<b>19</b>	<b>54</b>	<b>23</b>	<b>18</b>	<b>14</b>	<b>10</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>45</b>	<b>121</b>	<b>354</b>	<b>564</b>	<b>590</b>	<b>59.0</b>
Female								17							13	40	114	188	182		
Male					10	17	37	16	13						10	10	32	81	240	376	408
<b>Psychostimulants With Abuse Potential (methamphetamine)</b>	<b>67</b>	<b>97</b>	<b>101</b>	<b>124</b>	<b>165</b>	<b>142</b>	<b>196</b>	<b>153</b>	<b>142</b>	<b>127</b>	<b>147</b>	<b>179</b>	<b>199</b>	<b>197</b>	<b>303</b>	<b>340</b>	<b>416</b>	<b>571</b>	<b>780</b>	<b>749</b>	<b>4.2</b>
Female	26	31	36	34	51	43	47	46	51	31	46	73	63	63	100	103	157	183	281	294	4.0
Male	41	66	65	90	114	99	149	107	91	96	101	106	136	134	203	237	259	388	499	455	4.3
<b>Psychostimulants With Abuse Potential AND Any Opioid</b>	<b>22</b>	<b>32</b>	<b>30</b>	<b>39</b>	<b>52</b>	<b>39</b>	<b>77</b>	<b>72</b>	<b>67</b>	<b>59</b>	<b>79</b>	<b>91</b>	<b>123</b>	<b>94</b>	<b>148</b>	<b>204</b>	<b>227</b>	<b>334</b>	<b>516</b>	<b>513</b>	<b>5.6</b>
Female				10	15		15	19	10	21	36	32	34	48	57	85	98	198	198	215	6.0
Male	14	23	20	24	43	30	62	53	48	49	58	55	91	60	100	147	142	236	318	298	5.4
<b>Psychostimulants With Abuse Potential AND Other Synthetic Narcotics</b>											<b>13</b>		<b>11</b>		<b>12</b>	<b>24</b>	<b>46</b>	<b>97</b>	<b>266</b>	<b>319</b>	
Female																16	23	97	128		
Male											10				18	30	74	169	191		
<b>Benzodiazepines<sup>7</sup></b>	<b>53</b>	<b>90</b>	<b>133</b>	<b>178</b>	<b>212</b>	<b>271</b>	<b>322</b>	<b>442</b>	<b>515</b>	<b>550</b>	<b>571</b>	<b>658</b>	<b>614</b>	<b>511</b>	<b>507</b>	<b>572</b>	<b>665</b>	<b>1,046</b>	<b>1,031</b>	<b>899</b>	<b>1.4</b>
Female	12	22	26	42	53	60	83	95	145	133	147	172	158	137	133	167	189	247	298	294	1.7
Male	41	68	107	136	159	211	239	347	370	417	424	486	456	374	374	405	476	799	733	455	0.9
<b>Benzodiazepines AND Any Opioid</b>	<b>37</b>	<b>74</b>	<b>104</b>	<b>146</b>	<b>170</b>	<b>237</b>	<b>281</b>	<b>387</b>	<b>452</b>	<b>486</b>	<b>517</b>	<b>605</b>	<b>569</b>	<b>479</b>	<b>452</b>	<b>514</b>	<b>602</b>	<b>931</b>	<b>942</b>	<b>812</b>	<b>1.3</b>
Female		17	19	32	37	52	68	78	128	114	130	157	149	128	117	147	164	217	275	236	1.5
Male	31	57	85	114	133	185	213	309	324	372	387	448	420	351	335	367	438	714	667	576	1.3
<b>Benzodiazepines AND Other Synthetic Narcotics</b>			<b>10</b>		<b>22</b>	<b>14</b>	<b>30</b>	<b>40</b>	<b>38</b>	<b>40</b>	<b>58</b>	<b>59</b>	<b>57</b>	<b>51</b>	<b>56</b>	<b>89</b>	<b>152</b>	<b>377</b>	<b>509</b>	<b>522</b>	<b>8.8</b>
Female								13			18	16	13	14	17	25	43	92	153	162	10.1
Male				13	18	11	22	36	25	32	40	43	44	37	39	64	109	285	356	360	8.4
<b>Antidepressants<sup>8</sup></b>	<b>59</b>	<b>68</b>	<b>88</b>	<b>102</b>	<b>115</b>	<b>147</b>	<b>152</b>	<b>126</b>	<b>150</b>	<b>157</b>	<b>177</b>	<b>198</b>	<b>183</b>	<b>159</b>	<b>173</b>	<b>206</b>	<b>203</b>	<b>200</b>	<b>231</b>	<b>237</b>	<b>1.2</b>
Female	27	36	30	52	56	65	77	69	66	74	76	78	83	68	75	98	105	94	111	119	1.5
Male	32	32	58	50	59	82	75	57	84	83	101	120	100	91	98	108	98	106	120	118	1.0
<b>Antidepressants AND Any Opioid</b>	<b>13</b>	<b>20</b>	<b>38</b>	<b>44</b>	<b>57</b>	<b>69</b>	<b>79</b>	<b>52</b>	<b>88</b>	<b>94</b>	<b>103</b>	<b>126</b>	<b>114</b>	<b>90</b>	<b>101</b>	<b>121</b>	<b>104</b>	<b>102</b>	<b>125</b>	<b>123</b>	<b>1.0</b>
Female		11	12	15	28	28	33	24	33	37	41	51	48	36	40	49	49	40	51	52	1.0
Male	10		26	29	29	41	46	28	55	57	62	75	66	54	61	72	55	62	74	71	0.9
<b>Antidepressants AND Other Synthetic Narcotics</b>					<b>12</b>	<b>12</b>			<b>19</b>	<b>16</b>	<										