

**Table 8.42A Substance Use in Past Year and Past Month among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Numbers in Thousands, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	47,726	49,031	15,974 <sup>a</sup>	17,496	4,935 <sup>a</sup>	5,614	11,039	11,882	31,752	31,535	6,832 <sup>a</sup>	7,663	4,743	5,169	40,293	40,603
Marijuana	37,841 <sup>a</sup>	40,377	12,240 <sup>a</sup>	13,915	3,665 <sup>a</sup>	4,420	8,575 <sup>a</sup>	9,496	25,600	26,462	5,300 <sup>a</sup>	6,261	3,606 <sup>a</sup>	4,228	32,078	33,566
Cocaine	5,816	5,418	2,175	2,430	913	870	1,262 <sup>a</sup>	1,560	3,640 <sup>a</sup>	2,987	1,002	1,044	746	671	4,744	4,232
Crack	913	753	517	407	255	174	262	233	396	346	222	122	173	88	653	618
Heroin	872	798	533	430	270	206	263	224	339	367	241	160	176	123	588	609
Hallucinogens	4,613 <sup>a</sup>	5,219	1,992 <sup>a</sup>	2,412	744	907	1,248 <sup>a</sup>	1,505	2,621	2,807	1,034	1,236	729	796	3,527	3,853
LSD	1,984	2,115	901	1,046	393	402	508	644	1,084	1,070	513	573	342	375	1,438	1,508
PCP	73	56	53	33	9	17	44	15	20	23	17	23	16	23	56	21
Ecstasy	2,313	2,386	973	1,095	400	392	573	702	1,340	1,292	550	551	401	370	1,742	1,789
Inhalants	1,185	1,341	584	621	215	218	369	403	601	720	270	360	190	172	880	959
Methamphetamine	1,585	1,824	872 <sup>a</sup>	1,126	381 <sup>a</sup>	579	491	548	713	697	388 <sup>a</sup>	580	323	449	1,134	1,192
Misuse of Psychotherapeutics	16,844 <sup>a</sup>	15,686	7,086	7,196	2,505	2,594	4,581	4,602	9,759 <sup>a</sup>	8,490	3,161	3,126	2,311	2,154	13,428 <sup>a</sup>	12,206
Pain Relievers	10,310 <sup>a</sup>	9,253	4,518	4,229	1,598	1,582	2,921	2,646	5,792 <sup>a</sup>	5,024	1,933	1,863	1,401	1,309	8,167 <sup>a</sup>	7,160
Stimulants	5,386 <sup>a</sup>	4,739	2,274	2,331	850	822	1,425	1,509	3,112 <sup>a</sup>	2,409	1,080	1,066	787	715	4,260 <sup>a</sup>	3,598
Tranquilizers or Sedatives	6,251	5,975	3,145	3,203	1,272	1,217	1,873	1,986	3,106	2,772	1,517	1,389	1,178 <sup>a</sup>	929	4,669	4,446
Tranquilizers	5,485	5,319	2,811	2,958	1,112	1,131	1,698	1,827	2,675	2,362	1,345	1,295	1,032	859	4,087	3,903
Sedatives	1,278	1,021	724 <sup>a</sup>	470	343 <sup>a</sup>	202	381	268	554	551	383 <sup>a</sup>	210	307 <sup>a</sup>	165	883	785
Benzodiazepines	5,233	5,039	2,679	2,758	1,067	1,065	1,611	1,693	2,554	2,280	1,295	1,186	985	795	3,893	3,737
Opioids	10,632 <sup>a</sup>	9,551	4,711	4,374	1,695	1,657	3,016	2,717	5,921 <sup>a</sup>	5,177	2,017	1,913	1,463	1,342	8,404 <sup>a</sup>	7,393
Illicit Drugs Other Than Marijuana <sup>4</sup>	22,458	21,422	9,087	9,392	3,154	3,315	5,933	6,077	13,370 <sup>a</sup>	12,029	4,023	4,063	2,969	2,766	18,107 <sup>a</sup>	16,883
<b>PAST MONTH USE</b>																
Alcohol	138,123	137,602	26,536	27,214	6,245	6,288	20,291	20,926	111,587	110,388	10,013	10,121	6,046	6,307	127,030	126,207
Binge Alcohol Use <sup>5</sup>	65,326	65,891	14,243	14,891	3,546	3,676	10,697	11,215	51,083	51,000	5,382	5,670	3,351	3,448	59,424	59,607
Heavy Alcohol Use	16,543	16,437	4,163	4,227	1,257	1,163	2,906	3,063	12,380	12,211	1,762	1,742	1,186	1,045	14,668	14,531
Cigarette Use	47,905	46,284	13,133	13,399	3,973	4,236	9,161	9,163	34,772 <sup>a</sup>	32,885	5,070	5,405	3,602	3,844	42,189 <sup>a</sup>	40,114
Daily Cigarette Use	27,691	27,229	7,755	7,937	2,477	2,748	5,278	5,190	19,935	19,292	3,021	3,184	2,229	2,317	24,308	23,690

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.42B Substance Use in Past Year and Past Month among Persons Aged 18 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Percentages, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	19.3	19.7	34.3 <sup>a</sup>	36.7	44.1 <sup>a</sup>	49.4	31.1	32.8	15.8	15.7	39.5 <sup>a</sup>	43.2	43.1	45.0	17.7	17.8
Marijuana	15.3 <sup>a</sup>	16.2	26.2 <sup>a</sup>	29.2	32.8 <sup>a</sup>	38.9	24.2 <sup>a</sup>	26.2	12.8	13.2	30.6 <sup>a</sup>	35.3	32.8 <sup>a</sup>	36.8	14.1	14.7
Cocaine	2.4	2.2	4.7	5.1	8.2	7.7	3.6 <sup>a</sup>	4.3	1.8 <sup>a</sup>	1.5	5.8	5.9	6.8	5.8	2.1	1.9
Crack	0.4	0.3	1.1	0.9	2.3	1.5	0.7	0.6	0.2	0.2	1.3 <sup>a</sup>	0.7	1.6 <sup>a</sup>	0.8	0.3	0.3
Heroin	0.4	0.3	1.1	0.9	2.4	1.8	0.7	0.6	0.2	0.2	1.4	0.9	1.6	1.1	0.3	0.3
Hallucinogens	1.9 <sup>a</sup>	2.1	4.3 <sup>a</sup>	5.1	6.6	8.0	3.5	4.2	1.3	1.4	6.0	7.0	6.6	6.9	1.6	1.7
LSD	0.8	0.9	1.9	2.2	3.5	3.5	1.4	1.8	0.5	0.5	3.0	3.2	3.1	3.3	0.6	0.7
PCP	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0
Ecstasy	0.9	1.0	2.1	2.3	3.6	3.4	1.6	1.9	0.7	0.6	3.2	3.1	3.6	3.2	0.8	0.8
Inhalants	0.5	0.5	1.3	1.3	1.9	1.9	1.0	1.1	0.3	0.4	1.6	2.0	1.7	1.5	0.4	0.4
Methamphetamine	0.6	0.7	1.9	2.4	3.4 <sup>a</sup>	5.1	1.4	1.5	0.4	0.3	2.2	3.3	2.9	3.9	0.5	0.5
Misuse of Psychotherapeutics	6.8 <sup>a</sup>	6.3	15.2	15.1	22.4	22.8	12.9	12.7	4.9 <sup>a</sup>	4.2	18.3	17.6	21.0	18.8	5.9 <sup>a</sup>	5.3
Pain Relievers	4.2 <sup>a</sup>	3.7	9.7	8.9	14.3	13.9	8.2	7.3	2.9 <sup>a</sup>	2.5	11.2	10.5	12.7	11.4	3.6 <sup>a</sup>	3.1
Stimulants	2.2 <sup>a</sup>	1.9	4.9	4.9	7.6	7.2	4.0	4.2	1.6 <sup>a</sup>	1.2	6.2	6.0	7.1	6.2	1.9 <sup>a</sup>	1.6
Tranquilizers or Sedatives	2.5	2.4	6.7	6.7	11.4	10.7	5.3	5.5	1.5	1.4	8.8	7.8	10.7 <sup>a</sup>	8.1	2.1	1.9
Tranquilizers	2.2	2.1	6.0	6.2	9.9	9.9	4.8	5.0	1.3	1.2	7.8	7.3	9.4 <sup>a</sup>	7.5	1.8	1.7
Sedatives	0.5	0.4	1.6 <sup>a</sup>	1.0	3.1 <sup>a</sup>	1.8	1.1	0.7	0.3	0.3	2.2 <sup>a</sup>	1.2	2.8 <sup>a</sup>	1.4	0.4	0.3
Benzodiazepines	2.1	2.0	5.7	5.8	9.5	9.4	4.5	4.7	1.3	1.1	7.5	6.7	9.0 <sup>a</sup>	6.9	1.7	1.6
Opioids	4.3 <sup>a</sup>	3.8	10.1	9.2	15.1	14.6	8.5	7.5	3.0 <sup>a</sup>	2.6	11.7	10.8	13.3	11.7	3.7 <sup>a</sup>	3.2
Illicit Drugs Other Than Marijuana <sup>4</sup>	9.1 <sup>a</sup>	8.6	19.5	19.7	28.2	29.2	16.7	16.8	6.7 <sup>a</sup>	6.0	23.3	22.9	27.0	24.1	8.0 <sup>a</sup>	7.4
<b>PAST MONTH USE</b>																
Alcohol	55.9	55.3	56.9	57.1	55.8	55.3	57.3	57.7	55.6	54.9	57.9	57.1	54.9	54.9	55.9	55.3
Binge Alcohol Use <sup>5</sup>	26.4	26.5	30.5	31.3	31.7	32.3	30.2	30.9	25.5	25.3	31.1	32.0	30.4	30.0	26.1	26.1
Heavy Alcohol Use	6.7	6.6	8.9	8.9	11.2	10.2	8.2	8.4	6.2	6.1	10.2	9.8	10.8	9.1	6.5	6.4
Cigarette Use	19.4 <sup>a</sup>	18.6	28.2	28.1	35.5	37.2	25.8	25.3	17.3 <sup>a</sup>	16.3	29.3	30.5	32.7	33.5	18.6 <sup>a</sup>	17.6
Daily Cigarette Use	11.2	10.9	16.6	16.7	22.1	24.2	14.9	14.3	9.9	9.6	17.5	18.0	20.3	20.2	10.7	10.4

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<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.43A Substance Use in Past Year and Past Month among Persons Aged 18 to 25, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Numbers in Thousands, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	13,522	13,168	4,577	4,761	1,568	1,556	3,009	3,204	8,946	8,408	2,430	2,549	1,625	1,645	10,918	10,368
Marijuana	11,956	11,829	4,061	4,251	1,378	1,372	2,683	2,879	7,895	7,578	2,158	2,266	1,426	1,477	9,642	9,349
Cocaine	2,128	1,967	770	852	340	270	430 <sup>a</sup>	582	1,358 <sup>a</sup>	1,115	387	401	284	248	1,712	1,500
Crack	108	87	67	48	45	25	22	23	41	39	35	24	34	18	59	58
Heroin	214	157	127	93	67	39	60	55	87	64	57	48	42	40	136	103
Hallucinogens	2,406	2,332	1,045	1,014	385	339	660	675	1,361	1,317	540	568	359	360	1,831	1,699
LSD	1,310	1,187	600	551	252	193	349	358	709	636	339	310	214	196	942	864
PCP	27	10	18	5	6	1	12	4	9	5	7	1	7	*	20	4
Ecstasy	1,209	1,063	493	454	178	135	315	320	716	608	252	261	169	151	940	782
Inhalants	562	495	262	227	96	73	166	155	300	268	134	135	95	79	403	349
Methamphetamine	375 <sup>a</sup>	273	219	154	102	67	117	88	156	119	95	87	80	71	259 <sup>a</sup>	164
Misuse of Psychotherapeutics	4,956 <sup>a</sup>	4,202	2,034	1,881	803	667	1,231	1,214	2,922 <sup>a</sup>	2,321	1,136	1,015	786	672	3,741 <sup>a</sup>	3,087
Pain Relievers	2,460 <sup>a</sup>	1,858	1,146 <sup>a</sup>	853	472 <sup>a</sup>	332	674 <sup>a</sup>	521	1,314 <sup>a</sup>	1,005	625 <sup>a</sup>	482	447 <sup>a</sup>	325	1,770 <sup>a</sup>	1,312
Stimulants	2,545 <sup>a</sup>	2,216	998	962	404	317	594	645	1,547 <sup>a</sup>	1,254	560	532	384	352	1,966 <sup>a</sup>	1,649
Tranquilizers or Sedatives	1,949 <sup>a</sup>	1,658	939	871	412	332	527	539	1,011 <sup>a</sup>	787	522	439	395 <sup>a</sup>	299	1,404 <sup>a</sup>	1,186
Tranquilizers	1,880 <sup>a</sup>	1,566	909	821	388	308	521	512	971 <sup>a</sup>	745	497	408	374 <sup>a</sup>	282	1,360 <sup>a</sup>	1,125
Sedatives	199	194	123	123	76	64	47	60	76	71	88	79	72	51	112	115
Benzodiazepines	1,830 <sup>a</sup>	1,526	882	792	372	300	509	492	948 <sup>a</sup>	733	474	402	352	278	1,332 <sup>a</sup>	1,096
Opioids	2,494 <sup>a</sup>	1,895	1,157 <sup>a</sup>	877	479 <sup>a</sup>	338	678 <sup>a</sup>	539	1,337 <sup>a</sup>	1,018	630 <sup>a</sup>	493	452 <sup>a</sup>	332	1,798 <sup>a</sup>	1,339
Illicit Drugs Other Than Marijuana <sup>4</sup>	6,657 <sup>a</sup>	6,006	2,625	2,556	975	881	1,651	1,675	4,032 <sup>a</sup>	3,450	1,407	1,365	981	889	5,159 <sup>a</sup>	4,488
<b>PAST MONTH USE</b>																
Alcohol	19,330 <sup>a</sup>	18,757	5,408	5,575	1,634	1,689	3,774	3,886	13,922	13,182	2,754	2,897	1,763	1,829	16,345	15,589
Binge Alcohol Use <sup>5</sup>	12,652 <sup>a</sup>	11,876	3,579	3,586	1,080	1,056	2,499	2,530	9,073 <sup>a</sup>	8,290	1,805	1,805	1,171	1,128	10,685 <sup>a</sup>	9,883
Heavy Alcohol Use	3,307	3,074	985	973	315	309	669	665	2,322	2,101	517	476	330	275	2,750	2,525
Cigarette Use	7,653 <sup>a</sup>	6,514	2,563 <sup>a</sup>	2,221	922	782	1,641 <sup>a</sup>	1,438	5,090 <sup>a</sup>	4,294	1,290	1,116	910 <sup>a</sup>	750	6,246 <sup>a</sup>	5,212
Daily Cigarette Use	2,939 <sup>a</sup>	2,438	1,094 <sup>a</sup>	842	418 <sup>a</sup>	311	676 <sup>a</sup>	531	1,845 <sup>a</sup>	1,596	571 <sup>a</sup>	385	404 <sup>a</sup>	265	2,323 <sup>a</sup>	1,979

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<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

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<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

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**Table 8.43B Substance Use in Past Year and Past Month among Persons Aged 18 to 25, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Percentages, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	39.4	38.7	51.7	53.2	61.1	59.4	47.9	50.7	35.1	33.5	55.0	55.3	56.3	55.4	37.1	35.9
Marijuana	34.9	34.8	45.9	47.5	53.7	52.4	42.7	45.5	31.0	30.2	48.9	49.2	49.4	49.8	32.8	32.4
Cocaine	6.2	5.8	8.7	9.5	13.2	10.3	6.8 <sup>a</sup>	9.2	5.3 <sup>a</sup>	4.4	8.8	8.7	9.8	8.3	5.8	5.2
Crack	0.3	0.3	0.8	0.5	1.7	0.9	0.4	0.4	0.2	0.2	0.8	0.5	1.2	0.6	0.2	0.2
Heroin	0.6	0.5	1.4	1.0	2.6	1.5	1.0	0.9	0.3	0.3	1.3	1.1	1.4	1.3	0.5	0.4
Hallucinogens	7.0	6.9	11.8	11.3	15.0	12.9	10.5	10.7	5.3	5.3	12.2	12.3	12.4	12.1	6.2	5.9
LSD	3.8	3.5	6.8	6.2	9.8	7.4	5.5	5.7	2.8	2.5	7.7	6.7	7.4	6.6	3.2	3.0
PCP	0.1	0.0	0.2	0.1	0.2	0.0	0.2	0.1	0.0	0.0	0.2	0.0	0.2	*	0.1	0.0
Ecstasy	3.5	3.1	5.6	5.1	6.9	5.1	5.0	5.1	2.8	2.4	5.7	5.7	5.9	5.1	3.2	2.7
Inhalants	1.6	1.5	3.0	2.5	3.7	2.8	2.6	2.4	1.2	1.1	3.0	2.9	3.3	2.7	1.4	1.2
Methamphetamine	1.1	0.8	2.5	1.7	4.0	2.5	1.9	1.4	0.6	0.5	2.2	1.9	2.8	2.4	0.9 <sup>a</sup>	0.6
Misuse of Psychotherapeutics	14.4 <sup>a</sup>	12.3	23.0	21.0	31.3 <sup>a</sup>	25.5	19.6	19.2	11.5 <sup>a</sup>	9.2	25.7 <sup>a</sup>	22.0	27.2 <sup>a</sup>	22.7	12.7 <sup>a</sup>	10.7
Pain Relievers	7.2 <sup>a</sup>	5.5	12.9 <sup>a</sup>	9.5	18.4 <sup>a</sup>	12.7	10.7 <sup>a</sup>	8.2	5.2 <sup>a</sup>	4.0	14.1 <sup>a</sup>	10.5	15.5 <sup>a</sup>	11.0	6.0 <sup>a</sup>	4.5
Stimulants	7.4 <sup>a</sup>	6.5	11.3	10.7	15.8 <sup>a</sup>	12.1	9.5	10.2	6.1 <sup>a</sup>	5.0	12.7	11.5	13.3	11.9	6.7 <sup>a</sup>	5.7
Tranquilizers or Sedatives	5.7 <sup>a</sup>	4.9	10.6	9.7	16.0 <sup>a</sup>	12.7	8.4	8.5	4.0 <sup>a</sup>	3.1	11.8	9.5	13.7 <sup>a</sup>	10.1	4.8 <sup>a</sup>	4.1
Tranquilizers	5.5 <sup>a</sup>	4.6	10.3	9.2	15.1 <sup>a</sup>	11.8	8.3	8.1	3.8 <sup>a</sup>	3.0	11.3 <sup>a</sup>	8.9	13.0 <sup>a</sup>	9.5	4.6 <sup>a</sup>	3.9
Sedatives	0.6	0.6	1.4	1.4	3.0	2.4	0.7	0.9	0.3	0.3	2.0	1.7	2.5	1.7	0.4	0.4
Benzodiazepines	5.3 <sup>a</sup>	4.5	10.0	8.9	14.5	11.5	8.1	7.8	3.7 <sup>a</sup>	2.9	10.7	8.7	12.2	9.3	4.5 <sup>a</sup>	3.8
Opioids	7.3 <sup>a</sup>	5.6	13.1 <sup>a</sup>	9.8	18.7 <sup>a</sup>	12.9	10.8 <sup>a</sup>	8.5	5.3 <sup>a</sup>	4.1	14.3 <sup>a</sup>	10.7	15.7 <sup>a</sup>	11.2	6.1 <sup>a</sup>	4.6
Illicit Drugs Other Than Marijuana <sup>4</sup>	19.4 <sup>a</sup>	17.6	29.7	28.6	38.0	33.6	26.3	26.5	15.8 <sup>a</sup>	13.7	31.9	29.6	34.0	30.0	17.5 <sup>a</sup>	15.5
<b>PAST MONTH USE</b>																
Alcohol	56.3	55.1	61.1	62.3	63.7	64.5	60.1	61.4	54.7 <sup>a</sup>	52.5	62.4	62.8	61.1	61.6	55.6 <sup>a</sup>	54.0
Binge Alcohol Use <sup>5</sup>	36.9 <sup>a</sup>	34.9	40.4	40.1	42.1	40.3	39.8	40.0	35.6 <sup>a</sup>	33.0	40.9	39.2	40.6	38.0	36.3 <sup>a</sup>	34.2
Heavy Alcohol Use	9.6	9.0	11.1	10.9	12.3	11.8	10.7	10.5	9.1	8.4	11.7	10.3	11.4	9.3	9.3	8.7
Cigarette Use	22.3 <sup>a</sup>	19.1	29.0 <sup>a</sup>	24.8	35.9 <sup>a</sup>	29.9	26.1 <sup>a</sup>	22.7	20.0 <sup>a</sup>	17.1	29.2 <sup>a</sup>	24.2	31.5 <sup>a</sup>	25.3	21.2 <sup>a</sup>	18.0
Daily Cigarette Use	8.6 <sup>a</sup>	7.2	12.4 <sup>a</sup>	9.4	16.3 <sup>a</sup>	11.9	10.8 <sup>a</sup>	8.4	7.2 <sup>a</sup>	6.4	12.9 <sup>a</sup>	8.3	14.0 <sup>a</sup>	8.9	7.9 <sup>a</sup>	6.9

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.44A Substance Use in Past Year and Past Month among Persons Aged 26 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Numbers in Thousands, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	34,203 <sup>a</sup>	35,863	11,397 <sup>a</sup>	12,735	3,367 <sup>a</sup>	4,058	8,030	8,677	22,806	23,128	4,402 <sup>a</sup>	5,113	3,118	3,525	29,374	30,235
Marijuana	25,885 <sup>a</sup>	28,548	8,180 <sup>a</sup>	9,664	2,287 <sup>a</sup>	3,047	5,892 <sup>a</sup>	6,617	17,705	18,884	3,142 <sup>a</sup>	3,995	2,180 <sup>a</sup>	2,751	22,436 <sup>a</sup>	24,217
Cocaine	3,688	3,451	1,406	1,578	573	600	832	978	2,282	1,872	615	643	462	423	3,032	2,733
Crack	806	666	451	359	211	149	240	210	355	307	187	98	139	70	594	559
Heroin	658	641	406	337	203	168	203	169	252	304	184	111	134	83	452	505
Hallucinogens	2,207 <sup>a</sup>	2,887	947 <sup>a</sup>	1,397	359 <sup>a</sup>	568	588 <sup>a</sup>	830	1,260	1,490	494 <sup>a</sup>	668	369	436	1,696 <sup>a</sup>	2,154
LSD	674 <sup>a</sup>	928	300 <sup>a</sup>	495	141	209	159 <sup>a</sup>	286	374	434	173	264	128	179	496	645
PCP	46	45	35	28	3	17	32	11	11	18	10	23	9	23	36	16
Ecstasy	1,103	1,324	479	640	222	258	257	383	624	683	299	290	231	219	802	1,008
Inhalants	623	846	322	394	119	145	203	248	301	452	136	225	95	93	476	610
Methamphetamine	1,210 <sup>a</sup>	1,551	654 <sup>a</sup>	972	279 <sup>a</sup>	512	375	460	556	578	293 <sup>a</sup>	492	242	377	875	1,028
Misuse of Psychotherapeutics	11,888	11,484	5,052	5,315	1,702	1,927	3,350	3,388	6,837	6,169	2,026	2,111	1,525	1,482	9,687	9,119
Pain Relievers	7,850	7,395	3,373	3,376	1,125	1,251	2,247	2,125	4,477	4,019	1,308	1,381	954	984	6,397	5,848
Stimulants	2,841	2,524	1,276	1,369	446	505	831	864	1,565 <sup>a</sup>	1,154	521	533	402	363	2,293	1,949
Tranquilizers or Sedatives	4,302	4,317	2,207	2,332	860	885	1,346	1,448	2,095	1,985	995	950	784	630	3,265	3,260
Tranquilizers	3,605	3,753	1,902	2,137	724	822	1,177	1,315	1,704	1,616	848	887	658	577	2,726	2,778
Sedatives	1,079	827	601 <sup>a</sup>	347	267 <sup>a</sup>	138	333	208	478	480	295 <sup>a</sup>	131	235 <sup>a</sup>	113	772	670
Benzodiazepines	3,403	3,513	1,797	1,966	695	765	1,102	1,201	1,606	1,547	821	784	633	517	2,561	2,641
Opioids	8,138	7,656	3,554	3,497	1,215	1,319	2,338	2,179	4,585	4,159	1,387	1,420	1,011	1,010	6,606	6,054
Illicit Drugs Other Than Marijuana <sup>4</sup>	15,800	15,416	6,462	6,837	2,179	2,434	4,283	4,402	9,338	8,579	2,616	2,699	1,988	1,877	12,947	12,395
<b>PAST MONTH USE</b>																
Alcohol	118,794	118,844	21,128	21,639	4,611	4,599	16,517	17,039	97,665	97,206	7,259	7,224	4,283	4,477	110,685	110,618
Binge Alcohol Use <sup>5</sup>	52,674	54,015	10,664	11,304	2,466	2,620	8,198	8,685	42,010	42,711	3,578	3,864	2,180	2,321	48,739	49,724
Heavy Alcohol Use	13,236	13,363	3,178	3,253	941	854	2,237	2,399	10,058	10,110	1,246	1,266	856	771	11,919	12,006
Cigarette Use	40,252	39,770	10,570	11,178	3,050	3,454	7,520	7,724	29,682	28,592	3,780	4,289	2,692	3,094	35,944	34,901
Daily Cigarette Use	24,751	24,792	6,661	7,096	2,059	2,436	4,602	4,659	18,090	17,696	2,450	2,799	1,825	2,052	21,985	21,711

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.44B Substance Use in Past Year and Past Month among Persons Aged 26 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Percentages, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	16.1	16.7	30.2 <sup>a</sup>	32.9	39.0 <sup>a</sup>	46.4	27.5	29.0	13.0	13.1	34.2 <sup>a</sup>	39.0	38.4	41.4	14.8	15.2
Marijuana	12.2 <sup>a</sup>	13.3	21.6 <sup>a</sup>	25.0	26.5 <sup>a</sup>	34.8	20.2	22.1	10.1	10.7	24.4 <sup>a</sup>	30.5	26.8 <sup>a</sup>	32.3	11.3 <sup>a</sup>	12.1
Cocaine	1.7	1.6	3.7	4.1	6.6	6.9	2.9	3.3	1.3 <sup>a</sup>	1.1	4.8	4.9	5.7	5.0	1.5	1.4
Crack	0.4	0.3	1.2	0.9	2.4	1.7	0.8	0.7	0.2	0.2	1.5	0.7	1.7	0.8	0.3	0.3
Heroin	0.3	0.3	1.1	0.9	2.4	1.9	0.7	0.6	0.1	0.2	1.4	0.8	1.7	1.0	0.2	0.3
Hallucinogens	1.0 <sup>a</sup>	1.3	2.5 <sup>a</sup>	3.6	4.2 <sup>a</sup>	6.5	2.0 <sup>a</sup>	2.8	0.7	0.8	3.8	5.1	4.5	5.1	0.9 <sup>a</sup>	1.1
LSD	0.3 <sup>a</sup>	0.4	0.8 <sup>a</sup>	1.3	1.6	2.4	0.5 <sup>a</sup>	1.0	0.2	0.2	1.3	2.0	1.6	2.1	0.3	0.3
PCP	0.0	0.0	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.2	0.1	0.3	0.0	0.0
Ecstasy	0.5	0.6	1.3	1.7	2.6	2.9	0.9	1.3	0.4	0.4	2.3	2.2	2.9	2.6	0.4	0.5
Inhalants	0.3	0.4	0.9	1.0	1.4	1.7	0.7	0.8	0.2	0.3	1.1	1.7	1.2	1.1	0.2	0.3
Methamphetamine	0.6 <sup>a</sup>	0.7	1.7 <sup>a</sup>	2.5	3.2 <sup>a</sup>	5.9	1.3	1.5	0.3	0.3	2.3 <sup>a</sup>	3.8	3.0	4.4	0.4	0.5
Misuse of Psychotherapeutics	5.6	5.3	13.4	13.7	19.7	22.0	11.5	11.3	3.9	3.5	15.7	16.1	18.8	17.4	4.9	4.6
Pain Relievers	3.7	3.4	8.9	8.7	13.0	14.3	7.7	7.1	2.6	2.3	10.2	10.5	11.8	11.5	3.2	2.9
Stimulants	1.3	1.2	3.4	3.5	5.2	5.8	2.8	2.9	0.9 <sup>a</sup>	0.7	4.0	4.1	5.0	4.3	1.2 <sup>a</sup>	1.0
Tranquilizers or Sedatives	2.0	2.0	5.8	6.0	10.0	10.1	4.6	4.8	1.2	1.1	7.7	7.2	9.7	7.4	1.6	1.6
Tranquilizers	1.7	1.7	5.0	5.5	8.4	9.4	4.0	4.4	1.0	0.9	6.6	6.8	8.1	6.8	1.4	1.4
Sedatives	0.5	0.4	1.6 <sup>a</sup>	0.9	3.1 <sup>a</sup>	1.6	1.1 <sup>a</sup>	0.7	0.3	0.3	2.3 <sup>a</sup>	1.0	2.9 <sup>a</sup>	1.3	0.4	0.3
Benzodiazepines	1.6	1.6	4.8	5.1	8.1	8.7	3.8	4.0	0.9	0.9	6.4	6.0	7.8	6.1	1.3	1.3
Opioids	3.8	3.6	9.4	9.0	14.1	15.1	8.0	7.3	2.6	2.4	10.8	10.8	12.4	11.9	3.3	3.0
Illicit Drugs Other Than Marijuana <sup>4</sup>	7.4	7.2	17.1	17.7	25.3	27.8	14.7	14.7	5.3 <sup>a</sup>	4.9	20.3	20.6	24.5	22.0	6.5	6.2
<b>PAST MONTH USE</b>																
Alcohol	55.8	55.3	55.9	55.9	53.5	52.5	56.6	56.9	55.8	55.2	56.4	55.1	52.8	52.5	55.9	55.5
Binge Alcohol Use <sup>5</sup>	24.7	25.1	28.2	29.2	28.6	29.9	28.1	29.0	24.0	24.2	27.8	29.5	26.8	27.2	24.6	24.9
Heavy Alcohol Use	6.2	6.2	8.4	8.4	10.9	9.8	7.7	8.0	5.7	5.7	9.7	9.7	10.5	9.0	6.0	6.0
Cigarette Use	18.9	18.5	28.0	28.9	35.4	39.4	25.8	25.8	17.0	16.2	29.3	32.7	33.2	36.3	18.2	17.5
Daily Cigarette Use	11.6	11.5	17.6	18.3	23.9	27.8	15.8	15.6	10.3	10.0	19.0	21.4	22.5	24.1	11.1	10.9

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.45A Substance Use in Past Year and Past Month among Persons Aged 26 to 49, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Numbers in Thousands, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	22,443 <sup>a</sup>	23,942	8,138 <sup>a</sup>	9,258	2,528 <sup>a</sup>	2,956	5,610 <sup>a</sup>	6,302	14,305	14,684	3,061 <sup>a</sup>	3,607	2,253	2,483	19,108	19,991
Marijuana	17,556 <sup>a</sup>	19,660	6,120 <sup>a</sup>	7,307	1,826 <sup>a</sup>	2,367	4,294 <sup>a</sup>	4,941	11,436 <sup>a</sup>	12,352	2,273 <sup>a</sup>	2,960	1,682 <sup>a</sup>	2,019	15,082 <sup>a</sup>	16,430
Cocaine	2,793	2,823	1,088 <sup>a</sup>	1,380	463	545	625 <sup>a</sup>	835	1,705	1,443	501	609	363	395	2,260	2,140
Crack	379	359	249	221	132	94	117	127	130	138	120	69	85	41	243	282
Heroin	500	460	299	282	141	147	159	135	201	178	138	101	100	74	341	344
Hallucinogens	1,966 <sup>a</sup>	2,571	839 <sup>a</sup>	1,273	340 <sup>a</sup>	521	499 <sup>a</sup>	752	1,127	1,298	433 <sup>a</sup>	617	338	403	1,516 <sup>a</sup>	1,889
LSD	555 <sup>a</sup>	881	245 <sup>a</sup>	479	122	209	123 <sup>a</sup>	270	310	402	129 <sup>a</sup>	264	102	179	421 <sup>a</sup>	597
PCP	45	42	34	26	3	15	31	11	11	16	10	20	9	20	35	15
Ecstasy	1,069	1,283	478	629	222	258	256	371	591	654	299	290	231	219	767	967
Inhalants	530	617	249	333	90	134	158	199	282	284	107	190	86	93	413	416
Methamphetamine	876 <sup>a</sup>	1,149	483 <sup>a</sup>	753	188 <sup>a</sup>	403	294	350	393	396	221 <sup>a</sup>	365	180 <sup>a</sup>	292	613	753
Misuse of Psychotherapeutics	8,097	7,849	3,730	3,991	1,293	1,402	2,437	2,589	4,367 <sup>a</sup>	3,858	1,482	1,480	1,133	1,078	6,505	6,233
Pain Relievers	5,128	4,765	2,462	2,416	879	850	1,584	1,566	2,666	2,348	989	883	744	674	4,051	3,769
Stimulants	2,545	2,363	1,162	1,314	396	484	767	830	1,383 <sup>a</sup>	1,049	484	511	365	341	2,039	1,821
Tranquilizers or Sedatives	2,798	2,912	1,556	1,718	612	691	945	1,027	1,242	1,195	673	682	528	497	2,094	2,177
Tranquilizers	2,478	2,613	1,389	1,567	551	647	837	920	1,089	1,046	611	635	486	460	1,842	1,933
Sedatives	497	527	292	287	107	116	185	172	205	239	128	113	94	95	363	398
Benzodiazepines	2,331	2,466	1,308	1,485	535	613	773	871	1,023	981	592	589	469	424	1,717	1,833
Opioids	5,295	4,913	2,553	2,484	922	898	1,631	1,586	2,742	2,429	1,022	914	767	691	4,185	3,880
Illicit Drugs Other Than Marijuana <sup>4</sup>	10,802	10,751	4,706	5,169	1,623	1,790	3,083	3,378	6,096	5,583	1,882	1,970	1,435	1,394	8,757	8,585
<b>PAST MONTH USE</b>																
Alcohol	61,774	61,713	13,953	14,535	3,436	3,449	10,517	11,086	47,821	47,178	4,837	4,912	3,037	3,097	56,537	56,247
Binge Alcohol Use <sup>5</sup>	32,684	33,381	7,700	8,220	1,894	1,992	5,805	6,227	24,984	25,161	2,567	2,752	1,616	1,687	29,907	30,360
Heavy Alcohol Use	7,958	8,072	2,179	2,431	714	663	1,464 <sup>a</sup>	1,768	5,779	5,641	845	945	621	580	7,061	7,079
Cigarette Use	23,606	23,603	7,019	7,457	2,135	2,353	4,884	5,104	16,587	16,146	2,540	2,795	1,877	2,030	20,778	20,386
Daily Cigarette Use	13,721	13,818	4,348	4,735	1,407	1,599	2,941	3,136	9,373	9,083	1,589	1,771	1,233	1,327	11,948	11,825

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.45B Substance Use in Past Year and Past Month among Persons Aged 26 to 49, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Percentages, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	22.4 <sup>a</sup>	23.7	36.6 <sup>a</sup>	40.7	45.3 <sup>a</sup>	50.1	33.6 <sup>a</sup>	37.5	18.3	18.8	40.1 <sup>a</sup>	45.1	44.9	47.0	20.8	21.8
Marijuana	17.5 <sup>a</sup>	19.5	27.5 <sup>a</sup>	32.2	32.7 <sup>a</sup>	40.1	25.7 <sup>a</sup>	29.4	14.7 <sup>a</sup>	15.8	29.8 <sup>a</sup>	37.1	33.5	38.2	16.4 <sup>a</sup>	17.9
Cocaine	2.8	2.8	4.9 <sup>a</sup>	6.1	8.3	9.2	3.7 <sup>a</sup>	5.0	2.2	1.8	6.6	7.6	7.2	7.5	2.5	2.3
Crack	0.4	0.4	1.1	1.0	2.4	1.6	0.7	0.8	0.2	0.2	1.6	0.9	1.7	0.8	0.3	0.3
Heroin	0.5	0.5	1.3	1.2	2.5	2.5	1.0	0.8	0.3	0.2	1.8	1.3	2.0	1.4	0.4	0.4
Hallucinogens	2.0 <sup>a</sup>	2.5	3.8 <sup>a</sup>	5.6	6.1 <sup>a</sup>	8.8	3.0 <sup>a</sup>	4.5	1.4	1.7	5.7 <sup>a</sup>	7.7	6.7	7.6	1.7 <sup>a</sup>	2.1
LSD	0.6 <sup>a</sup>	0.9	1.1 <sup>a</sup>	2.1	2.2	3.5	0.7 <sup>a</sup>	1.6	0.4	0.5	1.7 <sup>a</sup>	3.3	2.0	3.4	0.5 <sup>a</sup>	0.7
PCP	0.0	0.0	0.2	0.1	0.1	0.2	0.2	0.1	0.0	0.0	0.1	0.3	0.2	0.4	0.0	0.0
Ecstasy	1.1	1.3	2.1	2.8	4.0	4.4	1.5	2.2	0.8	0.8	3.9	3.6	4.6	4.1	0.8	1.1
Inhalants	0.5	0.6	1.1	1.5	1.6	2.3	0.9	1.2	0.4	0.4	1.4	2.4	1.7	1.8	0.4	0.5
Methamphetamine	0.9 <sup>a</sup>	1.1	2.2 <sup>a</sup>	3.3	3.4 <sup>a</sup>	6.8	1.8	2.1	0.5	0.5	2.9 <sup>a</sup>	4.6	3.6	5.5	0.7	0.8
Misuse of Psychotherapeutics	8.1	7.8	16.8	17.6	23.2	23.7	14.6	15.4	5.6 <sup>a</sup>	4.9	19.4	18.5	22.6	20.4	7.1	6.8
Pain Relievers	5.1	4.7	11.1	10.6	15.7	14.4	9.5	9.3	3.4	3.0	13.0	11.1	14.8	12.8	4.4	4.1
Stimulants	2.5	2.3	5.2	5.8	7.1	8.2	4.6	4.9	1.8 <sup>a</sup>	1.3	6.3	6.4	7.3	6.5	2.2	2.0
Tranquilizers or Sedatives	2.8	2.9	7.0	7.6	11.0	11.7	5.7	6.1	1.6	1.5	8.8	8.5	10.5	9.4	2.3	2.4
Tranquilizers	2.5	2.6	6.2	6.9	9.9	10.9	5.0	5.5	1.4	1.3	8.0	7.9	9.7	8.7	2.0	2.1
Sedatives	0.5	0.5	1.3	1.3	1.9	2.0	1.1	1.0	0.3	0.3	1.7	1.4	1.9	1.8	0.4	0.4
Benzodiazepines	2.3	2.4	5.9	6.5	9.6	10.4	4.6	5.2	1.3	1.3	7.8	7.4	9.4	8.0	1.9	2.0
Opioids	5.3	4.9	11.5	10.9	16.5	15.2	9.8	9.4	3.5	3.1	13.4	11.4	15.3	13.1	4.6	4.2
Illicit Drugs Other Than Marijuana <sup>4</sup>	10.8	10.7	21.1	22.7	29.1	30.3	18.5	20.1	7.8	7.1	24.6	24.7	28.6	26.4	9.5	9.4
<b>PAST MONTH USE</b>																
Alcohol	61.6	61.1	62.7	64.0	61.6	58.4	63.1 <sup>a</sup>	65.9	61.3	60.3	63.3	61.5	60.5	58.6	61.6	61.3
Binge Alcohol Use <sup>5</sup>	32.6	33.1	34.6	36.2	34.0	33.7	34.8	37.0	32.0	32.2	33.6	34.4	32.2	31.9	32.6	33.1
Heavy Alcohol Use	7.9	8.0	9.8	10.7	12.8	11.2	8.8 <sup>a</sup>	10.5	7.4	7.2	11.1	11.8	12.4	11.0	7.7	7.7
Cigarette Use	23.5	23.4	31.5	32.8	38.3	39.8	29.3	30.4	21.3	20.6	33.3	35.0	37.4	38.4	22.6	22.2
Daily Cigarette Use	13.7	13.7	19.5	20.8	25.2	27.1	17.6	18.6	12.0	11.6	20.8	22.2	24.6	25.1	13.0	12.9

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.



**Table 8.46A Substance Use in Past Year and Past Month among Persons Aged 50 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Numbers in Thousands, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	11,760	11,921	3,259	3,477	839	1,102	2,420	2,375	8,501	8,444	1,341	1,506	865	1,042	10,267	10,244
Marijuana	8,329	8,889	2,060	2,357	461	681	1,599	1,676	6,269	6,532	869	1,035	498	732	7,354	7,787
Cocaine	895	628	317	198	110	55	207	143	577	430	114	34	99	28	773	593
Crack	427	307	202	138	79	55	123	83	225	169	67	28	54	28	352	277
Heroin	158	180	107	55	63	21	44	34	51	125	47	10	34	9	111	162
Hallucinogens	241	317	108	124	*	47	88	78	133	192	61	51	*	33	180	264
LSD	120	48	56	16	*	*	36	16	64	32	45	*	*	*	75	48
PCP	*	*	1	2	*	2	1	*	*	*	*	2	*	2	*	*
Ecstasy	35	41	1	11	*	*	1	11	34	30	*	*	*	*	35	41
Inhalants	93	229	73	61	29	11	45	50	19 <sup>a</sup>	168	29	35	9	*	64 <sup>a</sup>	194
Methamphetamine	334	402	171	219	90	110	81	110	163	182	72	127	62	86	262	275
Misuse of Psychotherapeutics	3,792	3,635	1,322	1,324	409	525	913	799	2,470	2,311	544	631	393	404	3,181	2,887
Pain Relievers	2,722	2,630	910	960	247	401	663	559	1,812	1,670	319	497	210	310	2,346	2,078
Stimulants	296	160	114	55	50	22	64	34	182	105	37	23	37	22	254	128
Tranquilizers or Sedatives	1,504	1,405	650	615	249	194	402	420	853	790	321	268	255	132	1,171	1,083
Tranquilizers	1,127	1,141	513	570	173	176	340	394	614	571	237	253	172	117	885	845
Sedatives	581 <sup>a</sup>	300	308 <sup>a</sup>	59	160 <sup>a</sup>	23	148 <sup>a</sup>	37	273	241	167 <sup>a</sup>	18	141 <sup>a</sup>	18	408	271
Benzodiazepines	1,072	1,047	489	481	160	152	329	330	583	565	229	195	164	93	843	808
Opioids	2,844	2,743	1,001	1,013	293	420	707	593	1,843	1,730	366	506	244	319	2,421	2,174
Illicit Drugs Other Than Marijuana <sup>4</sup>	4,999	4,665	1,756	1,668	556	644	1,200	1,024	3,243	2,997	734	729	553	484	4,190	3,810
<b>PAST MONTH USE</b>																
Alcohol	57,020	57,131	7,175	7,104	1,175	1,150	6,000	5,953	49,845	50,028	2,422	2,312	1,247	1,380	54,148	54,371
Binge Alcohol Use <sup>5</sup>	19,990	20,634	2,964	3,085	572	628	2,392	2,457	17,026	17,549	1,011	1,112	564	634	18,832	19,364
Heavy Alcohol Use	5,277	5,291	999	822	227	191	772	631	4,278	4,469	400	321	234	191	4,858	4,926
Cigarette Use	16,646	16,166	3,551	3,721	916	1,101	2,635	2,620	13,095	12,445	1,240	1,493	816	1,064	15,166	14,516
Daily Cigarette Use	11,030	10,974	2,313	2,361	652	837	1,661	1,524	8,717	8,613	861	1,028	592	725	10,038	9,886

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.

**Table 8.46B Substance Use in Past Year and Past Month among Persons Aged 50 or Older, by Past Year Level of Mental Illness and Past Year Major Depressive Episode (MDE) and MDE with Severe Impairment Status: Percentages, 2017 and 2018**

Substance	Total (2017)	Total (2018)	Any Mental Illness <sup>1</sup> (2017)	Any Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2017)	Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2017)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2017)	No Mental Illness <sup>1</sup> (2018)	MDE <sup>2</sup> (2017)	MDE <sup>2</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2017)	MDE with Severe Impairment <sup>2,3</sup> (2018)	No MDE <sup>2</sup> (2017)	No MDE <sup>2</sup> (2018)
<b>PAST YEAR USE</b>																
Illicit Drugs	10.4	10.5	21.0	21.8	27.5 <sup>a</sup>	38.7	19.4	18.1	8.8	8.6	25.6	29.4	27.9	32.2	9.7	9.5
Marijuana	7.4	7.8	13.3	14.8	15.2 <sup>a</sup>	23.9	12.8	12.8	6.5	6.7	16.6	20.2	16.1	22.6	6.9	7.2
Cocaine	0.8	0.6	2.0	1.2	3.6	1.9	1.7	1.1	0.6	0.4	2.2	0.7	3.2	0.9	0.7	0.5
Crack	0.4	0.3	1.3	0.9	2.6	1.9	1.0	0.6	0.2	0.2	1.3	0.6	1.8	0.9	0.3	0.3
Heroin	0.1	0.2	0.7	0.3	2.1	0.7	0.4	0.3	0.1	0.1	0.9	0.2	1.1	0.3	0.1	0.1
Hallucinogens	0.2	0.3	0.7	0.8	*	1.6	0.7	0.6	0.1	0.2	1.2	1.0	*	1.0	0.2	0.2
LSD	0.1	0.0	0.4	0.1	*	*	0.3	0.1	0.1	0.0	0.9	*	*	*	0.1	0.0
PCP	*	*	0.0	0.0	*	0.1	0.0	*	*	*	*	0.0	*	0.1	*	*
Ecstasy	0.0	0.0	0.0	0.1	*	*	0.0	0.1	0.0	0.0	*	*	*	*	0.0	0.0
Inhalants	0.1	0.2	0.5	0.4	0.9	0.4	0.4	0.4	0.0 <sup>a</sup>	0.2	0.5	0.7	0.3	*	0.1 <sup>a</sup>	0.2
Methamphetamine	0.3	0.4	1.1	1.4	3.0	3.8	0.6	0.8	0.2	0.2	1.4	2.5	2.0	2.6	0.2	0.3
Misuse of Psychotherapeutics	3.4	3.2	8.5	8.3	13.4	18.4	7.3	6.1	2.5	2.4	10.4	12.3	12.7	12.5	3.0	2.7
Pain Relievers	2.4	2.3	5.9	6.0	8.1	14.1	5.3	4.3	1.9	1.7	6.1	9.7	6.8	9.6	2.2	1.9
Stimulants	0.3	0.1	0.7	0.3	1.6	0.8	0.5	0.3	0.2	0.1	0.7	0.4	1.2	0.7	0.2	0.1
Tranquilizers or Sedatives	1.3	1.2	4.2	3.8	8.2	6.8	3.2	3.2	0.9	0.8	6.1	5.2	8.2	4.1	1.1	1.0
Tranquilizers	1.0	1.0	3.3	3.6	5.7	6.2	2.7	3.0	0.6	0.6	4.5	4.9	5.5	3.6	0.8	0.8
Sedatives	0.5 <sup>a</sup>	0.3	2.0 <sup>a</sup>	0.4	5.3 <sup>a</sup>	0.8	1.2 <sup>a</sup>	0.3	0.3	0.2	3.2 <sup>a</sup>	0.3	4.6 <sup>a</sup>	0.6	0.4	0.3
Benzodiazepines	1.0	0.9	3.1	3.0	5.2	5.3	2.6	2.5	0.6	0.6	4.4	3.8	5.3	2.9	0.8	0.7
Opioids	2.5	2.4	6.4	6.3	9.6	14.8	5.7	4.5	1.9	1.8	7.0	9.9	7.9	9.9	2.3	2.0
Illicit Drugs Other Than Marijuana <sup>4</sup>	4.4	4.1	11.3	10.4	18.3	22.6	9.6	7.8	3.3	3.1	14.0	14.2	17.8	14.9	3.9	3.5
<b>PAST MONTH USE</b>																
Alcohol	50.7	50.2	46.2	44.5	38.6	40.4	48.1	45.4	51.4	51.1	46.2	45.1	40.2	42.6	51.0	50.4
Binge Alcohol Use <sup>5</sup>	17.8	18.1	19.1	19.3	18.8	22.0	19.2	18.7	17.5	17.9	19.3	21.7	18.2	19.6	17.7	18.0
Heavy Alcohol Use	4.7	4.6	6.4	5.1	7.5	6.7	6.2	4.8	4.4	4.6	7.6	6.3	7.6	5.9	4.6	4.6
Cigarette Use	14.8	14.2	22.9	23.3	30.1	38.6	21.1	20.0	13.5	12.7	23.6	29.2	26.3	32.9	14.3	13.5
Daily Cigarette Use	9.8	9.6	14.9	14.8	21.4	29.4	13.3	11.6	9.0	8.8	16.4	20.1	19.1	22.4	9.5	9.2

\* = low precision; -- = not available; da = does not apply; nc = not comparable due to methodological changes; nr = not reported due to measurement issues.

<sup>a</sup> The difference between this estimate and the 2018 estimate is statistically significant at the .05 level. Rounding may make the estimates appear identical.

<sup>1</sup> Mental Illness aligns with DSM-IV criteria and is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder. Estimates of serious mental illness (SMI) are a subset of estimates of any mental illness (AMI) because SMI is limited to persons with AMI that resulted in serious functional impairment. These mental illness estimates are based on a predictive model and are not direct measures of diagnostic status.

<sup>2</sup> Respondents with unknown past year Major Depressive Episode (MDE) data were excluded.

<sup>3</sup> Respondents with unknown impairment data were excluded.

<sup>4</sup> Illicit Drugs Other Than Marijuana excludes respondents who used only marijuana but includes those who used marijuana in addition to other illicit drugs.

<sup>5</sup> Estimates of binge alcohol use include use by those who were heavy alcohol users.

Definitions: Measures and terms are defined in Appendix A.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2017 and 2018.