

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	49,031 <sup>a</sup>	52,924	17,496 <sup>a</sup>	19,998	5,614 <sup>a</sup>	6,475	11,882 <sup>a</sup>	13,524	31,535	32,926	7,663 <sup>a</sup>	8,555	5,169 <sup>a</sup>	6,112	40,603 <sup>a</sup>	43,776
Marijuana	40,377 <sup>a</sup>	44,958	13,915 <sup>a</sup>	16,741	4,420 <sup>a</sup>	5,225	9,496 <sup>a</sup>	11,516	26,462 <sup>a</sup>	28,217	6,261 <sup>a</sup>	7,200	4,228 <sup>a</sup>	5,080	33,566 <sup>a</sup>	37,318
Cocaine	5,418	5,371	2,430	2,523	870	974	1,560	1,549	2,987	2,848	1,044	1,148	671	809	4,232	4,179
Crack	753	766	407	477	174	287	233	190	346	289	122 <sup>a</sup>	256	88 <sup>a</sup>	225	618	510
Heroin	798	745	430	423	206	260	224	163	367	322	160	223	123	182	609	511
Hallucinogens	5,219	5,571	2,412	2,616	907	863	1,505	1,753	2,807	2,954	1,236	1,223	796	854	3,853	4,252
LSD	2,115	2,191	1,046	1,069	402	326	644	743	1,070	1,122	573	529	375	341	1,508	1,613
PCP	56	52	33	17	17	10	15	7	23	35	23	8	23	7	21	31
Ecstasy	2,386	2,395	1,095	1,114	392	344	702	770	1,292	1,281	551	496	370	341	1,789	1,866
Inhalants	1,341	1,399	621	696	218	234	403	462	720	703	360	357	172	259	959	1,003
Methamphetamine	1,824	1,958	1,126	1,150	579	534	548	616	697	808	580	471	449	418	1,192	1,462
Misuse of Psychotherapeutics	15,686	15,242	7,196	7,347	2,594	2,799	4,602	4,548	8,490	7,895	3,126	3,329	2,154	2,465	12,206	11,706
Pain Relievers	9,253	9,158	4,229	4,396	1,582	1,746	2,646	2,651	5,024	4,761	1,863	2,017	1,309	1,514	7,160	7,031
Stimulants	4,739	4,499	2,331	2,259	822	885	1,509	1,374	2,409	2,240	1,066	1,101	715	785	3,598	3,358
Tranquilizers or Sedatives	5,975	5,459	3,203	3,175	1,217	1,366	1,986	1,809	2,772 <sup>a</sup>	2,285	1,389	1,530	929 <sup>a</sup>	1,204	4,446 <sup>a</sup>	3,834
Tranquilizers	5,319	4,829	2,958	2,864	1,131	1,272	1,827	1,592	2,362 <sup>a</sup>	1,965	1,295	1,417	859 <sup>a</sup>	1,108	3,903 <sup>a</sup>	3,318
Sedatives	1,021	1,016	470	574	202	250	268	324	551	442	210	282	165	223	785	728
Benzodiazepines	5,039	4,460	2,758	2,639	1,065	1,167	1,693	1,472	2,280 <sup>a</sup>	1,821	1,186	1,338	795 <sup>a</sup>	1,054	3,737 <sup>a</sup>	3,037
Opioids	9,551	9,499	4,374	4,534	1,657	1,813	2,717	2,720	5,177	4,965	1,913	2,066	1,342	1,550	7,393	7,318
Illicit Drugs Other Than Marijuana <sup>4</sup>	21,422	21,727	9,392	9,969	3,315	3,696	6,077	6,273	12,029	11,758	4,063	4,456	2,766 <sup>a</sup>	3,269	16,883	16,960
<b>PAST MONTH USE</b>																
Alcohol	137,602	137,381	27,214 <sup>a</sup>	29,216	6,288 <sup>a</sup>	7,399	20,926	21,817	110,388	108,165	10,121 <sup>a</sup>	11,058	6,307 <sup>a</sup>	7,170	126,207	124,902
Binge Alcohol Use <sup>5</sup>	65,891	64,633	14,891 <sup>a</sup>	15,895	3,676 <sup>a</sup>	4,283	11,215	11,612	51,000 <sup>a</sup>	48,738	5,670	6,205	3,448 <sup>a</sup>	3,970	59,607	57,705
Heavy Alcohol Use	16,437	15,835	4,227	4,436	1,163	1,297	3,063	3,138	12,211	11,399	1,742	1,808	1,045	1,107	14,531	13,853
Cigarette Use	46,284	45,313	13,399	13,991	4,236	4,322	9,163	9,669	32,885	31,322	5,405	5,328	3,844	3,866	40,114	39,260
Daily Cigarette Use	27,229	26,721	7,937	8,283	2,748	2,560	5,190	5,724	19,292	18,437	3,184	3,164	2,317	2,334	23,690	23,173

\* = 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 2019 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, 2018 and 2019.

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	19.7 <sup>a</sup>	21.1	36.7 <sup>a</sup>	38.8	49.4	49.4	32.8 <sup>a</sup>	35.2	15.7 <sup>a</sup>	16.6	43.2	44.2	45.0	46.6	17.8 <sup>a</sup>	19.2
Marijuana	16.2 <sup>a</sup>	18.0	29.2 <sup>a</sup>	32.5	38.9	39.8	26.2 <sup>a</sup>	30.0	13.2 <sup>a</sup>	14.2	35.3	37.2	36.8	38.7	14.7 <sup>a</sup>	16.4
Cocaine	2.2	2.1	5.1	4.9	7.7	7.4	4.3	4.0	1.5	1.4	5.9	5.9	5.8	6.2	1.9	1.8
Crack	0.3	0.3	0.9	0.9	1.5	2.2	0.6	0.5	0.2	0.1	0.7 <sup>a</sup>	1.3	0.8 <sup>a</sup>	1.7	0.3	0.2
Heroin	0.3	0.3	0.9	0.8	1.8	2.0	0.6	0.4	0.2	0.2	0.9	1.2	1.1	1.4	0.3	0.2
Hallucinogens	2.1	2.2	5.1	5.1	8.0	6.6	4.2	4.6	1.4	1.5	7.0	6.3	6.9	6.5	1.7	1.9
LSD	0.9	0.9	2.2	2.1	3.5 <sup>a</sup>	2.5	1.8	1.9	0.5	0.6	3.2	2.7	3.3	2.6	0.7	0.7
PCP	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.1	0.0	0.0
Ecstasy	1.0	1.0	2.3	2.2	3.4	2.6	1.9	2.0	0.6	0.6	3.1	2.6	3.2	2.6	0.8	0.8
Inhalants	0.5	0.6	1.3	1.4	1.9	1.8	1.1	1.2	0.4	0.4	2.0	1.8	1.5	2.0	0.4	0.4
Methamphetamine	0.7	0.8	2.4	2.2	5.1	4.1	1.5	1.6	0.3	0.4	3.3	2.4	3.9	3.2	0.5	0.6
Misuse of Psychotherapeutics	6.3	6.1	15.1	14.3	22.8	21.3	12.7	11.8	4.2	4.0	17.6	17.2	18.8	18.8	5.3	5.1
Pain Relievers	3.7	3.7	8.9	8.5	13.9	13.3	7.3	6.9	2.5	2.4	10.5	10.4	11.4	11.6	3.1	3.1
Stimulants	1.9	1.8	4.9	4.4	7.2	6.7	4.2	3.6	1.2	1.1	6.0	5.7	6.2	6.0	1.6	1.5
Tranquilizers or Sedatives	2.4	2.2	6.7	6.2	10.7	10.4	5.5	4.7	1.4 <sup>a</sup>	1.1	7.8	7.9	8.1	9.2	1.9 <sup>a</sup>	1.7
Tranquilizers	2.1	1.9	6.2	5.6	9.9	9.7	5.0	4.1	1.2	1.0	7.3	7.3	7.5	8.5	1.7 <sup>a</sup>	1.5
Sedatives	0.4	0.4	1.0	1.1	1.8	1.9	0.7	0.8	0.3	0.2	1.2	1.5	1.4	1.7	0.3	0.3
Benzodiazepines	2.0 <sup>a</sup>	1.8	5.8	5.1	9.4	8.9	4.7	3.8	1.1 <sup>a</sup>	0.9	6.7	6.9	6.9	8.0	1.6 <sup>a</sup>	1.3
Opioids	3.8	3.8	9.2	8.8	14.6	13.8	7.5	7.1	2.6	2.5	10.8	10.7	11.7	11.8	3.2	3.2
Illicit Drugs Other Than Marijuana <sup>4</sup>	8.6	8.7	19.7	19.4	29.2	28.2	16.8	16.3	6.0	5.9	22.9	23.0	24.1	24.9	7.4	7.4
<b>PAST MONTH USE</b>																
Alcohol	55.3	54.9	57.1	56.7	55.3	56.4	57.7	56.8	54.9	54.4	57.1	57.1	54.9	54.7	55.3	54.8
Binge Alcohol Use <sup>5</sup>	26.5	25.8	31.3	30.9	32.3	32.7	30.9	30.3	25.3	24.5	32.0	32.1	30.0	30.3	26.1	25.3
Heavy Alcohol Use	6.6	6.3	8.9	8.6	10.2	9.9	8.4	8.2	6.1	5.7	9.8	9.3	9.1	8.4	6.4	6.1
Cigarette Use	18.6	18.1	28.1	27.2	37.2 <sup>a</sup>	33.0	25.3	25.2	16.3	15.8	30.5 <sup>a</sup>	27.5	33.5 <sup>a</sup>	29.5	17.6	17.2
Daily Cigarette Use	10.9	10.7	16.7	16.1	24.2 <sup>a</sup>	19.5	14.3	14.9	9.6	9.3	18.0	16.3	20.2	17.8	10.4	10.2

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Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2018 and 2019.

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	13,168	13,193	4,761 <sup>a</sup>	5,357	1,556 <sup>a</sup>	1,761	3,204 <sup>a</sup>	3,597	8,408 <sup>a</sup>	7,836	2,549	2,750	1,645 <sup>a</sup>	1,953	10,368	10,214
Marijuana	11,829	11,952	4,251 <sup>a</sup>	4,866	1,372 <sup>a</sup>	1,614	2,879 <sup>a</sup>	3,252	7,578	7,085	2,266	2,504	1,477 <sup>a</sup>	1,755	9,349	9,258
Cocaine	1,967	1,789	852	873	270	305	582	568	1,115 <sup>a</sup>	915	401	451	248	308	1,500	1,306
Crack	87	61	48	47	25	19	23	28	39 <sup>a</sup>	13	24	23	18	23	58	37
Heroin	157 <sup>a</sup>	87	93	65	39	30	55	34	64 <sup>a</sup>	22	48	39	40	35	103 <sup>a</sup>	46
Hallucinogens	2,332	2,425	1,014	1,167	339	398	675	769	1,317	1,258	568	604	360	426	1,699	1,761
LSD	1,187	1,202	551	595	193	188	358	407	636	607	310	293	196	213	864	878
PCP	10	30	5	11	1	10	4	2	5	19	1	8	*	7	4	10
Ecstasy	1,063	1,089	454	474	135	141	320	333	608	615	261	235	151	170	782	835
Inhalants	495	577	227 <sup>a</sup>	333	73 <sup>a</sup>	125	155	208	268	244	135	195	79 <sup>a</sup>	160	349	350
Methamphetamine	273	275	154	146	67	50	88	96	119	130	87	59	71	49	164	214
Misuse of Psychotherapeutics	4,202 <sup>a</sup>	3,868	1,881	1,878	667	731	1,214	1,147	2,321 <sup>a</sup>	1,990	1,015	1,042	672	791	3,087 <sup>a</sup>	2,750
Pain Relievers	1,858	1,754	853	893	332	389	521	503	1,005	861	482	514	325	409	1,312	1,180
Stimulants	2,216 <sup>a</sup>	1,951	962	957	317	371	645	587	1,254 <sup>a</sup>	994	532	510	352	373	1,649 <sup>a</sup>	1,419
Tranquilizers or Sedatives	1,658 <sup>a</sup>	1,409	871	775	332	345	539 <sup>a</sup>	430	787 <sup>a</sup>	634	439	485	299 <sup>a</sup>	396	1,186 <sup>a</sup>	903
Tranquilizers	1,566 <sup>a</sup>	1,313	821	712	308	305	512 <sup>a</sup>	407	745 <sup>a</sup>	601	408	437	282	355	1,125 <sup>a</sup>	856
Sedatives	194	175	123	120	64	78	60	42	71	55	79	91	51	82	115	82
Benzodiazepines	1,526 <sup>a</sup>	1,266	792	694	300	292	492	402	733 <sup>a</sup>	572	402	428	278	347	1,096 <sup>a</sup>	827
Opioids	1,895	1,776	877	904	338	389	539	515	1,018	871	493	517	332	409	1,339	1,199
Illicit Drugs Other Than Marijuana <sup>4</sup>	6,006	5,791	2,556	2,700	881	988	1,675	1,712	3,450 <sup>a</sup>	3,091	1,365	1,438	889 <sup>a</sup>	1,062	4,488	4,217
<b>PAST MONTH USE</b>																
Alcohol	18,757	18,323	5,575 <sup>a</sup>	6,031	1,689	1,804	3,886	4,227	13,182 <sup>a</sup>	12,292	2,897	3,051	1,829	2,022	15,589	15,012
Binge Alcohol Use <sup>5</sup>	11,876	11,559	3,586	3,792	1,056	1,169	2,530	2,624	8,290	7,767	1,805	1,956	1,128 <sup>a</sup>	1,313	9,883	9,454
Heavy Alcohol Use	3,074	2,844	973	944	309	350	665	594	2,101	1,900	476	522	275	358	2,525	2,269
Cigarette Use	6,514 <sup>a</sup>	5,917	2,221	2,263	782	781	1,438	1,482	4,294 <sup>a</sup>	3,654	1,116	1,112	750	831	5,212 <sup>a</sup>	4,665
Daily Cigarette Use	2,438 <sup>a</sup>	2,097	842	794	311	286	531	508	1,596 <sup>a</sup>	1,303	385	345	265	286	1,979 <sup>a</sup>	1,715

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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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	38.7	39.1	53.2	54.0	59.4	60.7	50.7	51.2	33.5	32.9	55.3	54.5	55.4	57.3	35.9	36.3
Marijuana	34.8	35.4	47.5	49.0	52.4	55.7	45.5	46.3	30.2	29.8	49.2	49.6	49.8	51.5	32.4	32.9
Cocaine	5.8	5.3	9.5	8.8	10.3	10.5	9.2	8.1	4.4	3.8	8.7	8.9	8.3	9.0	5.2	4.6
Crack	0.3	0.2	0.5	0.5	0.9	0.7	0.4	0.4	0.2 <sup>a</sup>	0.1	0.5	0.5	0.6	0.7	0.2	0.1
Heroin	0.5 <sup>a</sup>	0.3	1.0	0.7	1.5	1.0	0.9	0.5	0.3 <sup>a</sup>	0.1	1.1	0.8	1.3	1.0	0.4 <sup>a</sup>	0.2
Hallucinogens	6.9	7.2	11.3	11.8	12.9	13.7	10.7	10.9	5.3	5.3	12.3	12.0	12.1	12.5	5.9	6.3
LSD	3.5	3.6	6.2	6.0	7.4	6.5	5.7	5.8	2.5	2.6	6.7	5.8	6.6	6.3	3.0	3.1
PCP	0.0	0.1	0.1	0.1	0.0	0.3	0.1	0.0	0.0	0.1	0.0	0.2	*	0.2	0.0	0.0
Ecstasy	3.1	3.2	5.1	4.8	5.1	4.9	5.1	4.7	2.4	2.6	5.7	4.7	5.1	5.0	2.7	3.0
Inhalants	1.5	1.7	2.5	3.4	2.8	4.3	2.4	3.0	1.1	1.0	2.9	3.9	2.7 <sup>a</sup>	4.7	1.2	1.2
Methamphetamine	0.8	0.8	1.7	1.5	2.5	1.7	1.4	1.4	0.5	0.5	1.9	1.2	2.4	1.4	0.6	0.8
Misuse of Psychotherapeutics	12.3	11.5	21.0 <sup>a</sup>	18.9	25.5	25.2	19.2 <sup>a</sup>	16.3	9.2	8.4	22.0	20.7	22.7	23.2	10.7	9.8
Pain Relievers	5.5	5.2	9.5	9.0	12.7	13.4	8.2	7.2	4.0	3.6	10.5	10.2	11.0	12.0	4.5	4.2
Stimulants	6.5	5.8	10.7	9.6	12.1	12.8	10.2	8.3	5.0 <sup>a</sup>	4.2	11.5	10.1	11.9	11.0	5.7	5.0
Tranquilizers or Sedatives	4.9 <sup>a</sup>	4.2	9.7 <sup>a</sup>	7.8	12.7	11.9	8.5 <sup>a</sup>	6.1	3.1	2.7	9.5	9.6	10.1	11.6	4.1 <sup>a</sup>	3.2
Tranquilizers	4.6 <sup>a</sup>	3.9	9.2 <sup>a</sup>	7.2	11.8	10.5	8.1 <sup>a</sup>	5.8	3.0	2.5	8.9	8.7	9.5	10.4	3.9 <sup>a</sup>	3.0
Sedatives	0.6	0.5	1.4	1.2	2.4	2.7	0.9	0.6	0.3	0.2	1.7	1.8	1.7	2.4	0.4	0.3
Benzodiazepines	4.5 <sup>a</sup>	3.8	8.9 <sup>a</sup>	7.0	11.5	10.1	7.8 <sup>a</sup>	5.7	2.9 <sup>a</sup>	2.4	8.7	8.5	9.3	10.2	3.8 <sup>a</sup>	2.9
Opioids	5.6	5.3	9.8	9.1	12.9	13.4	8.5	7.3	4.1	3.7	10.7	10.2	11.2	12.0	4.6	4.3
Illicit Drugs Other Than Marijuana <sup>4</sup>	17.6	17.2	28.6	27.2	33.6	34.1	26.5	24.4	13.7	13.0	29.6	28.5	30.0	31.2	15.5	15.0
<b>PAST MONTH USE</b>																
Alcohol	55.1	54.3	62.3	60.7	64.5	62.2	61.4	60.1	52.5	51.6	62.8	60.5	61.6	59.3	54.0	53.3
Binge Alcohol Use <sup>5</sup>	34.9	34.3	40.1	38.2	40.3	40.3	40.0	37.3	33.0	32.6	39.2	38.8	38.0	38.5	34.2	33.6
Heavy Alcohol Use	9.0	8.4	10.9	9.5	11.8	12.1	10.5 <sup>a</sup>	8.5	8.4	8.0	10.3	10.3	9.3	10.5	8.7	8.1
Cigarette Use	19.1 <sup>a</sup>	17.5	24.8	22.8	29.9	26.9	22.7	21.1	17.1 <sup>a</sup>	15.4	24.2	22.0	25.3	24.4	18.0 <sup>a</sup>	16.6
Daily Cigarette Use	7.2 <sup>a</sup>	6.2	9.4 <sup>a</sup>	8.0	11.9	9.9	8.4	7.2	6.4 <sup>a</sup>	5.5	8.3	6.8	8.9	8.4	6.9 <sup>a</sup>	6.1

\* = 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 2019 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, 2018 and 2019.

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	35,863 <sup>a</sup>	39,731	12,735 <sup>a</sup>	14,641	4,058 <sup>a</sup>	4,714	8,677 <sup>a</sup>	9,927	23,128 <sup>a</sup>	25,090	5,113 <sup>a</sup>	5,805	3,525 <sup>a</sup>	4,159	30,235 <sup>a</sup>	33,562
Marijuana	28,548 <sup>a</sup>	33,007	9,664 <sup>a</sup>	11,875	3,047 <sup>a</sup>	3,611	6,617 <sup>a</sup>	8,263	18,884 <sup>a</sup>	21,132	3,995 <sup>a</sup>	4,696	2,751 <sup>a</sup>	3,325	24,217 <sup>a</sup>	28,059
Cocaine	3,451	3,582	1,578	1,649	600	669	978	981	1,872	1,933	643	697	423	501	2,733	2,873
Crack	666	706	359	430	149	268	210	162	307	276	98 <sup>a</sup>	233	70 <sup>a</sup>	203	559	473
Heroin	641	658	337	358	168	229	169	129	304	300	111	185	83	147	505	465
Hallucinogens	2,887	3,146	1,397	1,449	568	465	830	985	1,490	1,697	668	618	436	428	2,154	2,492
LSD	928	989	495	474	209	138	286	336	434	515	264	236	179	127	645	735
PCP	45	22	28	5	17	1	11	5	18	16	23	*	23	*	16	21
Ecstasy	1,324	1,306	640	639	258	203	383	436	683	667	290	262	219	171	1,008	1,031
Inhalants	846	822	394	363	145	109	248	254	452	459	225	162	93	99	610	653
Methamphetamine	1,551	1,682	972	1,004	512	484	460	520	578	678	492	412	377	369	1,028	1,248
Misuse of Psychotherapeutics	11,484	11,374	5,315	5,468	1,927	2,068	3,388	3,401	6,169	5,906	2,111	2,287	1,482	1,674	9,119	8,957
Pain Relievers	7,395	7,404	3,376	3,503	1,251	1,356	2,125	2,147	4,019	3,900	1,381	1,503	984	1,106	5,848	5,851
Stimulants	2,524	2,548	1,369	1,301	505	514	864	787	1,154	1,247	533	591	363	412	1,949	1,939
Tranquilizers or Sedatives	4,317	4,050	2,332	2,400	885	1,021	1,448	1,379	1,985	1,650	950	1,045	630	808	3,260	2,931
Tranquilizers	3,753	3,516	2,137	2,152	822	967	1,315	1,186	1,616	1,364	887	980	577	753	2,778	2,461
Sedatives	827	841	347	454	138	173	208	281	480	387	131	191	113	141	670	646
Benzodiazepines	3,513	3,194	1,966	1,946	765	876	1,201	1,070	1,547	1,249	784	910	517	707	2,641	2,210
Opioids	7,656	7,723	3,497	3,629	1,319	1,424	2,179	2,205	4,159	4,094	1,420	1,549	1,010	1,141	6,054	6,119
Illicit Drugs Other Than Marijuana <sup>4</sup>	15,416	15,936	6,837	7,269	2,434	2,709	4,402	4,560	8,579	8,666	2,699	3,017	1,877	2,207	12,395	12,743
<b>PAST MONTH USE</b>																
Alcohol	118,844	119,058	21,639 <sup>a</sup>	23,185	4,599 <sup>a</sup>	5,595	17,039	17,590	97,206	95,873	7,224 <sup>a</sup>	8,007	4,477 <sup>a</sup>	5,149	110,618	109,890
Binge Alcohol Use <sup>5</sup>	54,015	53,073	11,304	12,103	2,620 <sup>a</sup>	3,114	8,685	8,989	42,711	40,971	3,864	4,249	2,321	2,657	49,724	48,251
Heavy Alcohol Use	13,363	12,991	3,253	3,492	854	947	2,399	2,544	10,110	9,499	1,266	1,286	771	749	12,006	11,584
Cigarette Use	39,770	39,396	11,178	11,728	3,454	3,542	7,724	8,187	28,592	27,668	4,289	4,216	3,094	3,036	34,901	34,595
Daily Cigarette Use	24,792	24,624	7,096	7,490	2,436	2,273	4,659	5,216	17,696	17,134	2,799	2,819	2,052	2,048	21,711	21,458

\* = 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 2019 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, 2018 and 2019.

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	16.7 <sup>a</sup>	18.3	32.9 <sup>a</sup>	35.2	46.4	46.1	29.0 <sup>a</sup>	31.7	13.1 <sup>a</sup>	14.3	39.0	40.6	41.4	42.9	15.2 <sup>a</sup>	16.8
Marijuana	13.3 <sup>a</sup>	15.2	25.0 <sup>a</sup>	28.6	34.8	35.3	22.1 <sup>a</sup>	26.4	10.7 <sup>a</sup>	12.1	30.5	32.8	32.3	34.3	12.1 <sup>a</sup>	14.0
Cocaine	1.6	1.7	4.1	4.0	6.9	6.5	3.3	3.1	1.1	1.1	4.9	4.9	5.0	5.2	1.4	1.4
Crack	0.3	0.3	0.9	1.0	1.7	2.6	0.7	0.5	0.2	0.2	0.7 <sup>a</sup>	1.6	0.8 <sup>a</sup>	2.1	0.3	0.2
Heroin	0.3	0.3	0.9	0.9	1.9	2.2	0.6	0.4	0.2	0.2	0.8	1.3	1.0	1.5	0.3	0.2
Hallucinogens	1.3	1.5	3.6	3.5	6.5 <sup>a</sup>	4.5	2.8	3.1	0.8	1.0	5.1	4.3	5.1	4.4	1.1	1.2
LSD	0.4	0.5	1.3	1.1	2.4	1.4	1.0	1.1	0.2	0.3	2.0	1.7	2.1	1.3	0.3	0.4
PCP	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	*	0.3	*	0.0	0.0
Ecstasy	0.6	0.6	1.7	1.5	2.9	2.0	1.3	1.4	0.4	0.4	2.2	1.8	2.6	1.8	0.5	0.5
Inhalants	0.4	0.4	1.0	0.9	1.7	1.1	0.8	0.8	0.3	0.3	1.7	1.1	1.1	1.0	0.3	0.3
Methamphetamine	0.7	0.8	2.5	2.4	5.9	4.7	1.5	1.7	0.3	0.4	3.8	2.9	4.4	3.8	0.5	0.6
Misuse of Psychotherapeutics	5.3	5.3	13.7	13.2	22.0	20.2	11.3	10.8	3.5	3.4	16.1	16.0	17.4	17.2	4.6	4.5
Pain Relievers	3.4	3.4	8.7	8.4	14.3	13.3	7.1	6.8	2.3	2.2	10.5	10.5	11.5	11.4	2.9	2.9
Stimulants	1.2	1.2	3.5	3.1	5.8	5.0	2.9	2.5	0.7	0.7	4.1	4.1	4.3	4.2	1.0	1.0
Tranquilizers or Sedatives	2.0	1.9	6.0	5.8	10.1	10.0	4.8	4.4	1.1	0.9	7.2	7.3	7.4	8.3	1.6	1.5
Tranquilizers	1.7	1.6	5.5	5.2	9.4	9.5	4.4	3.8	0.9	0.8	6.8	6.8	6.8	7.8	1.4	1.2
Sedatives	0.4	0.4	0.9	1.1	1.6	1.7	0.7	0.9	0.3	0.2	1.0	1.3	1.3	1.5	0.3	0.3
Benzodiazepines	1.6	1.5	5.1	4.7	8.7	8.6	4.0	3.4	0.9	0.7	6.0	6.4	6.1	7.3	1.3	1.1
Opioids	3.6	3.6	9.0	8.7	15.1	13.9	7.3	7.0	2.4	2.3	10.8	10.8	11.9	11.8	3.0	3.1
Illicit Drugs Other Than Marijuana <sup>4</sup>	7.2	7.4	17.7	17.5	27.8	26.5	14.7	14.5	4.9	5.0	20.6	21.1	22.0	22.7	6.2	6.4
<b>PAST MONTH USE</b>																
Alcohol	55.3	55.0	55.9	55.8	52.5	54.8	56.9	56.1	55.2	54.8	55.1	55.9	52.5	53.0	55.5	55.0
Binge Alcohol Use <sup>5</sup>	25.1	24.5	29.2	29.1	29.9	30.5	29.0	28.7	24.2	23.4	29.5	29.7	27.2	27.4	24.9	24.1
Heavy Alcohol Use	6.2	6.0	8.4	8.4	9.8	9.3	8.0	8.1	5.7	5.4	9.7	9.0	9.0	7.7	6.0	5.8
Cigarette Use	18.5	18.2	28.9	28.2	39.4 <sup>a</sup>	34.7	25.8	26.1	16.2	15.8	32.7 <sup>a</sup>	29.5	36.3 <sup>a</sup>	31.3	17.5	17.3
Daily Cigarette Use	11.5	11.4	18.3	18.0	27.8 <sup>a</sup>	22.3	15.6	16.6	10.0	9.8	21.4	19.7	24.1	21.1	10.9	10.7

\* = 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 2019 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, 2018 and 2019.

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	23,942 <sup>a</sup>	26,092	9,258 <sup>a</sup>	10,401	2,956 <sup>a</sup>	3,400	6,302 <sup>a</sup>	7,001	14,684 <sup>a</sup>	15,692	3,607 <sup>a</sup>	4,101	2,483 <sup>a</sup>	2,871	19,991 <sup>a</sup>	21,773
Marijuana	19,660 <sup>a</sup>	22,016	7,307 <sup>a</sup>	8,513	2,367 <sup>a</sup>	2,724	4,941 <sup>a</sup>	5,789	12,352 <sup>a</sup>	13,504	2,960	3,348	2,019	2,319	16,430 <sup>a</sup>	18,488
Cocaine	2,823	2,863	1,380	1,444	545	559	835	886	1,443	1,418	609	594	395	423	2,140	2,256
Crack	359	343	221	269	94	171	127	98	138 <sup>a</sup>	74	69	138	41 <sup>a</sup>	131	282	205
Heroin	460	474	282	318	147	214	135	103	178	156	101	161	74	141	344	304
Hallucinogens	2,571	2,742	1,273	1,339	521	438	752	901	1,298	1,403	617	560	403	382	1,889	2,156
LSD	881	890	479	471	209	135	270	336	402	419	264	234	179	124	597	639
PCP	42	19	26	5	15	1	11	5	16	13	20	1	20	*	15	18
Ecstasy	1,283	1,261	629	632	258	195	371	436	654	630	290	254	219	163	967	994
Inhalants	617	623	333	292	134	109	199	183	284	331	190	135	93	99	416	481
Methamphetamine	1,149	1,262	753	809	403	437	350	373	396	453	365	354	292	321	753	895
Misuse of Psychotherapeutics	7,849	7,601	3,991	3,897	1,402	1,458	2,589	2,439	3,858	3,704	1,480	1,626	1,078	1,154	6,233	5,920
Pain Relievers	4,765	4,797	2,416	2,470	850	953	1,566	1,517	2,348	2,327	883	1,030	674	732	3,769	3,735
Stimulants	2,363	2,247	1,314	1,138	484	465	830	673	1,049	1,109	511	517	341	366	1,821	1,712
Tranquilizers or Sedatives	2,912	2,582	1,718	1,661	691	688	1,027	973	1,195 <sup>a</sup>	921	682	733	497	522	2,177 <sup>a</sup>	1,831
Tranquilizers	2,613	2,342	1,567	1,521	647	635	920	885	1,046 <sup>a</sup>	821	635	671	460	467	1,933	1,653
Sedatives	527	423	287	280	116	129	172	151	239	144	113	147	95	99	398	273
Benzodiazepines	2,466	2,169	1,485	1,401	613	579	871	823	981 <sup>a</sup>	768	589	635	424	455	1,833 <sup>a</sup>	1,516
Opioids	4,913	4,971	2,484	2,573	898	1,019	1,586	1,553	2,429	2,398	914	1,066	691	768	3,880	3,869
Illicit Drugs Other Than Marijuana <sup>4</sup>	10,751	11,025	5,169	5,416	1,790	1,983	3,378	3,433	5,583	5,609	1,970	2,197	1,394	1,584	8,585	8,747
<b>PAST MONTH USE</b>																
Alcohol	61,713	62,340	14,535 <sup>a</sup>	16,174	3,449 <sup>a</sup>	4,278	11,086 <sup>a</sup>	11,896	47,178	46,166	4,912 <sup>a</sup>	5,611	3,097 <sup>a</sup>	3,723	56,247	56,256
Binge Alcohol Use <sup>5</sup>	33,381	33,413	8,220 <sup>a</sup>	9,051	1,992 <sup>a</sup>	2,393	6,227	6,658	25,161	24,362	2,752	3,053	1,687	1,985	30,360	30,131
Heavy Alcohol Use	8,072	7,816	2,431	2,530	663	745	1,768	1,785	5,641	5,286	945	902	580	595	7,079	6,873
Cigarette Use	23,603	22,628	7,457	7,686	2,353	2,547	5,104	5,139	16,146 <sup>a</sup>	14,942	2,795	2,864	2,030	2,095	20,386	19,430
Daily Cigarette Use	13,818	13,106	4,735	4,641	1,599	1,537	3,136	3,103	9,083	8,465	1,771	1,848	1,327	1,367	11,825	11,078

\* = 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 2019 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, 2018 and 2019.

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	23.7 <sup>a</sup>	25.8	40.7	41.1	50.1	49.7	37.5	38.0	18.8 <sup>a</sup>	20.6	45.1	46.0	47.0	47.1	21.8 <sup>a</sup>	23.8
Marijuana	19.5 <sup>a</sup>	21.7	32.2	33.7	40.1	39.8	29.4	31.4	15.8 <sup>a</sup>	17.8	37.1	37.6	38.2	38.0	17.9 <sup>a</sup>	20.2
Cocaine	2.8	2.8	6.1	5.7	9.2	8.2	5.0	4.8	1.8	1.9	7.6	6.7	7.5	6.9	2.3	2.5
Crack	0.4	0.3	1.0	1.1	1.6	2.5	0.8	0.5	0.2	0.1	0.9	1.5	0.8 <sup>a</sup>	2.2	0.3	0.2
Heroin	0.5	0.5	1.2	1.3	2.5	3.1	0.8	0.6	0.2	0.2	1.3	1.8	1.4	2.3	0.4	0.3
Hallucinogens	2.5	2.7	5.6	5.3	8.8 <sup>a</sup>	6.4	4.5	4.9	1.7	1.8	7.7	6.3	7.6	6.3	2.1	2.4
LSD	0.9	0.9	2.1	1.9	3.5	2.0	1.6	1.8	0.5	0.6	3.3	2.6	3.4	2.0	0.7	0.7
PCP	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.3	0.0	0.4	*	0.0	0.0
Ecstasy	1.3	1.2	2.8	2.5	4.4	2.8	2.2	2.4	0.8	0.8	3.6	2.8	4.1	2.7	1.1	1.1
Inhalants	0.6	0.6	1.5	1.2	2.3	1.6	1.2	1.0	0.4	0.4	2.4	1.5	1.8	1.6	0.5	0.5
Methamphetamine	1.1	1.2	3.3	3.2	6.8	6.4	2.1	2.0	0.5	0.6	4.6	4.0	5.5	5.3	0.8	1.0
Misuse of Psychotherapeutics	7.8	7.5	17.6 <sup>a</sup>	15.4	23.7	21.3	15.4 <sup>a</sup>	13.2	4.9	4.9	18.5	18.2	20.4	18.9	6.8	6.5
Pain Relievers	4.7	4.7	10.6	9.8	14.4	13.9	9.3	8.2	3.0	3.1	11.1	11.6	12.8	12.0	4.1	4.1
Stimulants	2.3	2.2	5.8 <sup>a</sup>	4.5	8.2	6.8	4.9 <sup>a</sup>	3.7	1.3	1.5	6.4	5.8	6.5	6.0	2.0	1.9
Tranquilizers or Sedatives	2.9	2.5	7.6	6.6	11.7	10.0	6.1	5.3	1.5 <sup>a</sup>	1.2	8.5	8.2	9.4	8.6	2.4 <sup>a</sup>	2.0
Tranquilizers	2.6	2.3	6.9	6.0	10.9	9.3	5.5	4.8	1.3	1.1	7.9	7.5	8.7	7.7	2.1	1.8
Sedatives	0.5	0.4	1.3	1.1	2.0	1.9	1.0	0.8	0.3	0.2	1.4	1.6	1.8	1.6	0.4	0.3
Benzodiazepines	2.4	2.1	6.5	5.5	10.4	8.4	5.2	4.5	1.3	1.0	7.4	7.1	8.0	7.5	2.0 <sup>a</sup>	1.7
Opioids	4.9	4.9	10.9	10.2	15.2	14.9	9.4	8.4	3.1	3.2	11.4	12.0	13.1	12.6	4.2	4.2
Illicit Drugs Other Than Marijuana <sup>4</sup>	10.7	10.9	22.7	21.4	30.3	29.0	20.1	18.6	7.1	7.4	24.7	24.6	26.4	26.0	9.4	9.6
<b>PAST MONTH USE</b>																
Alcohol	61.1	61.6	64.0	64.0	58.4 <sup>a</sup>	62.5	65.9	64.5	60.3	60.7	61.5	62.9	58.6	61.0	61.3	61.6
Binge Alcohol Use <sup>5</sup>	33.1	33.0	36.2	35.8	33.7	34.9	37.0	36.1	32.2	32.1	34.4	34.2	31.9	32.5	33.1	33.0
Heavy Alcohol Use	8.0	7.7	10.7	10.0	11.2	10.9	10.5	9.7	7.2	7.0	11.8	10.1	11.0	9.8	7.7	7.5
Cigarette Use	23.4 <sup>a</sup>	22.3	32.8 <sup>a</sup>	30.4	39.8	37.2	30.4 <sup>a</sup>	27.9	20.6	19.7	35.0	32.1	38.4	34.3	22.2	21.3
Daily Cigarette Use	13.7	12.9	20.8 <sup>a</sup>	18.4	27.1 <sup>a</sup>	22.5	18.6	16.8	11.6	11.1	22.2	20.7	25.1	22.4	12.9	12.1

\* = 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 2019 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, 2018 and 2019.



**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	11,921 <sup>a</sup>	13,639	3,477 <sup>a</sup>	4,240	1,102	1,314	2,375	2,926	8,444	9,399	1,506	1,704	1,042	1,288	10,244 <sup>a</sup>	11,789
Marijuana	8,889 <sup>a</sup>	10,990	2,357 <sup>a</sup>	3,362	681	887	1,676 <sup>a</sup>	2,475	6,532 <sup>a</sup>	7,628	1,035	1,348	732	1,006	7,787 <sup>a</sup>	9,572
Cocaine	628	720	198	205	55	110	143	95	430	515	34	103	28	79	593	617
Crack	307	363	138	161	55	96	83	65	169	202	28	95	28	71	277	268
Heroin	180	184	55	41	21	15	34	26	125	144	10	23	9	6	162	161
Hallucinogens	317	404	124	110	47	26	78	83	192	294	51	59	33	46	264	336
LSD	48	99	16	3	*	3	16	*	32	96	*	3	*	3	48	96
PCP	*	*	2	*	2	*	*	*	*	*	2	*	2	*	*	*
Ecstasy	41	45	11	8	*	8	11	*	30	37	*	8	*	8	41	37
Inhalants	229	199	61	71	11	*	50	71	168	128	35	*	*	*	194	172
Methamphetamine	402	420	219	195	110	48	110	147	182	225	127	58	86	48	275	353
Misuse of Psychotherapeutics	3,635	3,773	1,324	1,572	525	610	799	962	2,311	2,201	631	662	404	520	2,887	3,036
Pain Relievers	2,630	2,607	960	1,034	401	403	559	630	1,670	1,573	497	473	310	374	2,078	2,115
Stimulants	160	301	55 <sup>a</sup>	163	22	50	34	113	105	138	23	74	22	46	128	227
Tranquilizers or Sedatives	1,405	1,468	615	739	194	333	420	406	790	729	268	311	132	286	1,083	1,101
Tranquilizers	1,141	1,174	570	632	176	331	394	300	571	543	253	309	117 <sup>a</sup>	286	845	808
Sedatives	300	417	59	174	23	44	37	130	241	243	18	44	18	42	271	373
Benzodiazepines	1,047	1,026	481	544	152	297	330	248	565	481	195	275	93 <sup>a</sup>	251	808	694
Opioids	2,743	2,752	1,013	1,057	420	405	593	652	1,730	1,695	506	483	319	374	2,174	2,250
Illicit Drugs Other Than Marijuana <sup>4</sup>	4,665	4,911	1,668	1,853	644	726	1,024	1,127	2,997	3,057	729	821	484	623	3,810	3,996
<b>PAST MONTH USE</b>																
Alcohol	57,131	56,719	7,104	7,012	1,150	1,317	5,953	5,694	50,028	49,707	2,312	2,396	1,380	1,426	54,371	53,634
Binge Alcohol Use <sup>5</sup>	20,634	19,660	3,085	3,052	628	721	2,457	2,330	17,549	16,609	1,112	1,196	634	672	19,364	18,120
Heavy Alcohol Use	5,291	5,174	822	962	191	203	631	759	4,469	4,213	321	385	191	154	4,926	4,711
Cigarette Use	16,166	16,768	3,721	4,042	1,101	995	2,620	3,047	12,445	12,726	1,493	1,352	1,064	941	14,516	15,165
Daily Cigarette Use	10,974	11,518	2,361	2,849	837	736	1,524 <sup>a</sup>	2,113	8,613	8,669	1,028	971	725	680	9,886	10,379

\* = 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 2019 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, 2018 and 2019.

**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, 2018 and 2019**

Substance	Total (2018)	Total (2019)	Any Mental Illness <sup>1</sup> (2018)	Any Mental Illness <sup>1</sup> (2019)	Serious Mental Illness <sup>1</sup> (2018)	Serious Mental Illness <sup>1</sup> (2019)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2018)	Any Mental Illness Excluding Serious Mental Illness <sup>1</sup> (2019)	No Mental Illness <sup>1</sup> (2018)	No Mental Illness <sup>1</sup> (2019)	MDE <sup>2</sup> (2018)	MDE <sup>2</sup> (2019)	MDE with Severe Impairment <sup>2,3</sup> (2018)	MDE with Severe Impairment <sup>2,3</sup> (2019)	No MDE <sup>2</sup> (2018)	No MDE <sup>2</sup> (2019)
<b>PAST YEAR USE</b>																
Illicit Drugs	10.5 <sup>a</sup>	11.8	21.8 <sup>a</sup>	26.0	38.7	39.0	18.1 <sup>a</sup>	22.7	8.6	9.5	29.4	31.6	32.2	35.7	9.5 <sup>a</sup>	10.9
Marijuana	7.8 <sup>a</sup>	9.5	14.8 <sup>a</sup>	20.6	23.9	26.3	12.8 <sup>a</sup>	19.2	6.7	7.7	20.2	25.0	22.6	27.9	7.2 <sup>a</sup>	8.8
Cocaine	0.6	0.6	1.2	1.3	1.9	3.3	1.1	0.7	0.4	0.5	0.7	1.9	0.9	2.2	0.5	0.6
Crack	0.3	0.3	0.9	1.0	1.9	2.9	0.6	0.5	0.2	0.2	0.6	1.8	0.9	2.0	0.3	0.2
Heroin	0.2	0.2	0.3	0.2	0.7	0.4	0.3	0.2	0.1	0.1	0.2	0.4	0.3	0.2	0.1	0.1
Hallucinogens	0.3	0.3	0.8	0.7	1.6	0.8	0.6	0.6	0.2	0.3	1.0	1.1	1.0	1.3	0.2	0.3
LSD	0.0	0.1	0.1	0.0	*	0.1	0.1	*	0.0	0.1	*	0.0	*	0.1	0.0	0.1
PCP	*	*	0.0	*	0.1	*	*	*	*	*	0.0	*	0.1	*	*	*
Ecstasy	0.0	0.0	0.1	0.0	*	0.2	0.1	*	0.0	0.0	*	0.1	*	0.2	0.0	0.0
Inhalants	0.2	0.2	0.4	0.4	0.4	*	0.4	0.6	0.2	0.1	0.7	*	*	*	0.2	0.2
Methamphetamine	0.4	0.4	1.4	1.2	3.8	1.4	0.8	1.1	0.2	0.2	2.5	1.1	2.6	1.3	0.3	0.3
Misuse of Psychotherapeutics	3.2	3.3	8.3	9.7	18.4	18.1	6.1	7.4	2.4	2.2	12.3	12.3	12.5	14.4	2.7	2.8
Pain Relievers	2.3	2.3	6.0	6.3	14.1	12.0	4.3	4.9	1.7	1.6	9.7	8.8	9.6	10.4	1.9	1.9
Stimulants	0.1	0.3	0.3 <sup>a</sup>	1.0	0.8	1.5	0.3	0.9	0.1	0.1	0.4	1.4	0.7	1.3	0.1	0.2
Tranquilizers or Sedatives	1.2	1.3	3.8	4.5	6.8	9.9	3.2	3.1	0.8	0.7	5.2	5.8	4.1	7.9	1.0	1.0
Tranquilizers	1.0	1.0	3.6	3.9	6.2	9.8	3.0	2.3	0.6	0.5	4.9	5.7	3.6	7.9	0.8	0.7
Sedatives	0.3	0.4	0.4	1.1	0.8	1.3	0.3	1.0	0.2	0.2	0.3	0.8	0.6	1.2	0.3	0.3
Benzodiazepines	0.9	0.9	3.0	3.3	5.3	8.8	2.5	1.9	0.6	0.5	3.8	5.1	2.9	7.0	0.7	0.6
Opioids	2.4	2.4	6.3	6.5	14.8	12.0	4.5	5.0	1.8	1.7	9.9	8.9	9.9	10.4	2.0	2.1
Illicit Drugs Other Than Marijuana <sup>4</sup>	4.1	4.3	10.4	11.4	22.6	21.5	7.8	8.7	3.1	3.1	14.2	15.2	14.9	17.3	3.5	3.7
<b>PAST MONTH USE</b>																
Alcohol	50.2	49.2	44.5	43.1	40.4	39.1	45.4	44.1	51.1	50.2	45.1	44.4	42.6	39.6	50.4	49.4
Binge Alcohol Use <sup>5</sup>	18.1	17.1	19.3	18.7	22.0	21.4	18.7	18.0	17.9	16.8	21.7	22.2	19.6	18.6	18.0	16.7
Heavy Alcohol Use	4.6	4.5	5.1	5.9	6.7	6.0	4.8	5.9	4.6	4.3	6.3	7.1	5.9	4.3	4.6	4.3
Cigarette Use	14.2	14.5	23.3	24.8	38.6	29.5	20.0	23.6	12.7	12.9	29.2	25.1	32.9	26.1	13.5	14.0
Daily Cigarette Use	9.6	10.0	14.8	17.5	29.4	21.8	11.6 <sup>a</sup>	16.4	8.8	8.8	20.1	18.0	22.4	18.9	9.2	9.6

\* = 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 2019 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, 2018 and 2019.