

Office of Applied Studies
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Substance Abuse and Mental Health Services Administration
<http://dawninfo.samhsa.gov/>

**DRUG ABUSE WARNING NETWORK, 2004: SELECTED TABLES OF
NATIONAL ESTIMATES OF DRUG-RELATED EMERGENCY
DEPARTMENT VISITS**

In August 2008, the Substance Abuse and Mental Health Services Administration (SAMHSA) released *Drug Abuse Warning Network, 2006: National Estimates of Drug-Related Emergency Department Visits*. This annual report included estimates for 2006 and comparisons of the emergency department estimates for 2004, 2005, and 2006. This report may be accessed on the Web at <http://dawninfo.samhsa.gov/files/ED2006/DAWN2k6ED.pdf>.

The 2006 estimates reflect several improvements made to the Drug Abuse Warning Network (DAWN) sampling and estimation methodology. To ensure comparability between estimates for 2004, 2005, and 2006, the improvements were applied retrospectively to 2004 and 2005 data, resulting in small changes as compared with early published estimates.

Tables for 2004 that have not already been published in the 2006 ED report are now available online. The 2004 tables and charts follow the same title and numbering system as the 2006 ED report. Links to the revised 2004 tables are provided below.

General information about DAWN is at <http://dawninfo.samhsa.gov/>. Information on other sources of data on substance abuse and mental health from SAMHSA's Office of Applied Studies (OAS) is located at <http://oas.samhsa.gov/>.

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Table 1
Drug misuse and abuse in ED visits in the U.S., by type of drug involvement: 2004

Drug involvement ¹	Estimated visits ²	Percent of visits	Relative standard error (RSE)	95% Confidence interval		
				Lower bound	-	Upper bound
All types of drug misuse/abuse	1,619,054	100%	15.3	1,134,969	-	2,103,139
Illicit drugs only	502,136	31%	22.8	277,543	-	726,730
Alcohol only (age < 21)	150,988	9%	20.9	89,109	-	212,867
Pharmaceuticals only	336,987	21%	9.7	273,168	-	400,806
Combinations					-	
Illicit drugs with alcohol ³	338,638	21%	39.0	79,555	-	597,722
Illicit drugs with pharmaceuticals	105,017	6%	10.5	83,463	-	126,571
Alcohol with pharmaceuticals	139,716	9%	7.3	119,790	-	159,643
Illicit drugs with alcohol and pharmaceuticals	45,571	3%	13.6	33,389	-	57,754

¹ The classification of drugs used in DAWN is derived from the Multum *Lexicon*, © 2007, Multum Information Services, Inc. The classification was modified to meet DAWN's unique requirements (2007). The Multum Licensing Agreement governing use of the *Lexicon* can be found on the Internet at <http://www.multum.com>.

² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ DAWN excludes alcohol-only visits for adults. Alcohol, when present with other drugs, is included for all ages.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 2
Illicit drugs in ED visits: 2004

Drug category and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval	
			Lower bound	Upper bound
Drug-related ED visits				
Total drug misuse/abuse ED visits	1,619,054	15.3	1,134,969	- 2,103,139
ED visits, illicit drugs	991,363	24.4	517,931	- 1,464,795
Cocaine	475,425	23.5	256,761	- 694,089
Heroin	214,432	22.7	119,060	- 309,804
Marijuana	281,619	14.2	203,444	- 359,795
Stimulants	162,435	35.7	48,732	- 276,139
Amphetamines	34,085	21.1	19,986	- 48,184
Methamphetamine	132,576	44.4	17,233	- 247,918
MDMA (Ecstasy)	10,220	17.4	6,744	- 13,696
GHB	1,789	23.0	983	- 2,595
Flunitrazepam (Rohypnol)	...	...	...	- ...
Ketamine	...	53.2	...	- ...
LSD	2,146	24.0	1,135	- 3,156
PCP	31,342	48.2	1,750	- 60,934
Miscellaneous hallucinogens	3,150	24.6	1,630	- 4,669
Inhalants	9,523	19.1	5,949	- 13,097
Combinations not tabulated above (NTA)	...	74.1	...	- ...

Table 2 (continued)
Illicit drugs in ED visits: 2004

Drug category and selected drugs ¹	ED visits per 100,000 population ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
ED visits per 100,000 population					
Total drug misuse/abuse ED visits	551.3	15.3	386.0	-	716.7
ED visits, illicit drugs	337.6	24.4	176.1	-	499.0
Cocaine	161.9	23.5	87.3	-	236.5
Heroin	73.0	22.7	40.5	-	105.5
Marijuana	95.9	14.2	69.2	-	122.6
Stimulants	55.3	35.7	16.6	-	94.0
Amphetamines	11.6	21.1	6.8	-	16.4
Methamphetamine	45.1	44.4	5.9	-	84.4
MDMA (Ecstasy)	3.5	17.4	2.3	-	4.7
GHB	0.6	23.0	0.3	-	0.9
Flunitrazepam (Rohypnol)	...	...	...	-	...
Ketamine	...	53.2	...	-	...
LSD	0.7	24.0	0.4	-	1.1
PCP	10.7	48.2	0.6	-	20.8
Miscellaneous hallucinogens	1.1	24.6	0.6	-	1.6
Inhalants	3.2	19.1	2.0	-	4.5
Combinations not tabulated above (NTA)	...	74.1	...	-	...

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² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ ED visits often involve multiple drugs. Such visits will appear multiple times in this table (e.g., a visit involving both cocaine and heroin will appear twice in this table). Summing ED visits as reported will produce incorrect and inflated counts of ED visits.

⁴ Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 3
Illicit drugs, by patient characteristics: 2004

Patient characteristics	Selected drugs ¹								
	All illicit	Cocaine	Heroin	Marijuana	Stimulants	MDMA (Ecstasy)	GHB	LSD	PCP
Drug-related ED visits^{2,3}									
ED visits, illicit drugs	991,363	475,425	214,432	281,619	162,435	10,220	1,789	2,146	31,342
Gender									
Male	658,301	302,591	148,708	192,844	101,367	5,592	1,384	1,895	...
Female	332,070	172,431	65,671	88,317	61,062	4,627	403	...	7,783
Unknown	992	...	...	...	...	...	...	...	...
Age									
0-5 years	1,105	...	...	...	...	...	...	...	...
6-11 years	...	...	...	...	...	...	...	...	...
12-17 years	56,836	10,958	1,353	39,580	14,325	1,420	...	...	...
18-20 years	73,070	19,355	10,195	36,990	17,234	2,489	...	342	1,696
21-24 years	110,034	37,156	19,019	42,910	25,702	3,119	628	...	4,093
25-29 years	135,722	61,525	26,666	41,750	30,845	1,822	301	115	...
30-34 years	139,352	72,103	30,349	36,843	23,009	958	290	...	4,689
35-44 years	271,164	159,543	64,699	52,642	35,033	224	108	...	...
45-54 years	167,296	95,444	50,708	25,663	14,161	...	...	...	...
55-64 years	31,062	16,501	10,444	3,671	1,627	...	...	...	...
65 years and older	3,976	2,058	584	...	...	...	...	...	...
Unknown	1,167	546	...	...	...	...	...	...	...
Race/ethnicity									
White	390,536	145,831	89,014	136,243	81,164	4,835	1,166	1,326	...
Black	292,997	203,643	50,162	67,706	...	2,747	...	...	6,345
Hispanic	...	...	34,387	...	...	935	...	92	...
Race/ethnicity not tabulated above (NTA)	...	...	1,157	...	...	...	...	...	...
Unknown	122,438	53,320	39,713	33,712	20,415	1,125	380	...	1,958

Table 3 (continued)
Illicit drugs, by patient characteristics: 2004

Patient characteristics	Selected drugs ¹								
	All illicit	Cocaine	Heroin	Marijuana	Stimulants	MDMA (Ecstasy)	GHB	LSD	PCP
ED visits per 100,000 population^{2,3}									
ED visits, illicit drugs	337.6	161.9	73.0	95.9	55.3	3.5	0.6	0.7	10.7
Gender									
Male	455.5	209.4	102.9	133.4	70.1	3.9	1.0	1.3	...
Female	222.7	115.6	44.0	59.2	40.9	3.1	0.3	...	5.2
Age									
0-5 years	4.6	...	...	...	...	...	...	...	...
6-11 years	...	...	...	...	...	...	...	...	...
12-17 years	224.0	43.2	5.3	156.0	56.5	5.6	...	...	...
18-20 years	591.6	156.7	82.6	299.5	139.5	20.2	...	2.8	13.7
21-24 years	651.3	219.9	112.6	254.0	152.1	18.5	3.7	...	24.2
25-29 years	693.8	314.5	136.3	213.4	157.7	9.3	1.5	0.6	...
30-34 years	680.7	352.2	148.3	180.0	112.4	4.7	1.4	...	22.9
35-44 years	614.8	361.7	146.7	119.3	79.4	0.5	0.2	...	...
45-54 years	402.0	229.3	121.8	61.7	34.0
55-64 years	106.8	56.7	35.9	12.6	5.6
65 years and older	11.0	5.7	1.6

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² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 4
Alcohol in drug-related ED visits: 2004

Drug category and selected drugs ¹	Estimated visits ^{2,3}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
Total drug misuse/abuse ED visits	1,619,054	15.3	1,134,969	-	2,103,139
ED visits, alcohol	674,914	22.6	375,821	-	974,007
Alcohol in combination	523,926	23.6	281,302	-	766,550
Alcohol alone	150,988	20.9	89,109	-	212,867

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² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ Estimates are all expressed in visits.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 5
Alcohol in combination, by patient and visit characteristics: 2004

Patient characteristics	Estimated visits ^{1,2}	Visit characteristics	Estimated visits ^{1,2}
ED visits, alcohol in combination	523,926		
Gender		Number of drugs involved	
Male	331,177	Single drug	
Female	192,015	Multiple drugs	523,926
Unknown	...	Alcohol involved	523,926
Age		Disposition	
0-5 years	...	Treated and released	261,107
6-11 years	...	Discharged home	211,932
12-17 years	21,555	Released to police/jail	14,976
18-20 years	31,926	Referred to detox/treatment	34,199
21-24 years	53,254	Admitted to this hospital	216,061
25-29 years	71,018	ICU/critical care	27,525
30-34 years	73,511	Surgery	656
35-44 years	155,781	Chemical dependency/detox	15,718
45-54 years	92,437	Psychiatric unit	...
55-64 years	19,166	Other inpatient unit	81,633
65 years and older	3,898	Other disposition	46,759
Unknown	...	Transferred	35,012
Race/ethnicity		Left against medical advice	5,967
White	237,444	Died	...
Black	131,174	Other	3,009
Hispanic	...	Not documented	2,169
Race/ethnicity not tabulated above (NTA)	...		
Unknown	58,558		

¹ These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

² Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 6
Drugs most frequently reported with alcohol: 2004

Drugs reported with alcohol ¹	Estimated visits ^{2,3}
No other drug	150,988
Cocaine only	141,223
Marijuana only	60,455
Cocaine and marijuana only	23,978
Heroin only	31,990
Stimulants only	...
Alprazolam only	9,337
Cocaine and heroin only	11,192

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² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 7
Alcohol in drug-related ED visits in patients under age 21: 2004

Drug category and selected drugs ¹	Estimated visits ²	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
Patients aged 12-17					
ED visits, alcohol	67,589	12.2	51,466	-	83,712
Alcohol in combination	21,555	15.9	14,854	-	28,255
Alcohol alone	46,034	12.0	35,201	-	56,867
Patients aged 18-20					
ED visits, alcohol	135,313	23.4	73,189	-	197,437
Alcohol in combination	31,926	13.6	23,435	-	40,416
Alcohol alone	103,387	27.2	48,343	-	158,432

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² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 8
Alcohol only (age < 21), by patient and visit characteristics: 2004

Patient characteristics	Estimated visits ^{1,2}	Visit characteristics	Estimated visits ^{1,2}
ED visits, alcohol only (age < 21)³	148,490		
Gender		Number of drugs involved	
Male	99,966	Single drug	148,490
Female	48,373	Multiple drugs	
Unknown	...	Alcohol involved	148,490
Age		Disposition	
0-5 years	...	Treated and released	113,374
6-11 years	...	Discharged home	103,697
12-17 years	45,138	Released to police/jail	6,804
18-20 years	101,785	Referred to detox/treatment	2,872
21-24 years		Admitted to this hospital	...
25-29 years		ICU/critical care	4,571
30-34 years		Surgery	...
35-44 years		Chemical dependency/detox	...
45-54 years		Psychiatric unit	1,128
55-64 years		Other inpatient unit	...
65 years and older		Other disposition	7,471
Unknown		Transferred	4,553
Race/ethnicity		Left against medical advice	1,498
White	71,700	Died	...
Black	11,686	Other	530
Hispanic	...	Not documented	...
Race/ethnicity not tabulated above (NTA)	2,031		
Unknown	19,746		

¹ These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

² Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

³ This table is limited to ED visits classified as "alcohol only (age < 21)" and excludes visits classified as either "suicide attempt" or "seeking detox." Therefore, the estimate of total visits is slightly lower than reported in Table 4.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 9
Nonmedical use of pharmaceuticals: 2004

Selected drug categories and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
ED visits, nonmedical use	536,247	8.3	448,688	-	623,806
PSYCHOTHERAPEUTIC AGENTS	247,324	10.1	198,561	-	296,086
Antidepressants	66,917	10.7	52,899	-	80,935
MAO inhibitors	...	...	...	-	...
SSRI antidepressants	32,285	9.7	26,173	-	38,398
Tricyclic antidepressants	12,412	19.2	7,734	-	17,089
Miscellaneous antidepressants	9,414	19.8	5,765	-	13,063
Antipsychotics	35,198	11.4	27,300	-	43,096
Anxiolytics, sedatives, and hypnotics	177,394	11.1	138,801	-	215,986
Barbiturates	11,721	25.9	5,776	-	17,666
Benzodiazepines	143,546	11.8	110,329	-	176,764
Alprazolam	46,526	13.8	33,960	-	59,091
Clonazepam	28,178	11.7	21,721	-	34,635
Diazepam	15,619	16.8	10,488	-	20,750
Lorazepam	17,674	13.6	12,979	-	22,369
Benzodiazepines NOS	36,039	21.0	21,218	-	50,861
Misc. anxiolytics, sedatives, and hypnotics	31,554	13.1	23,449	-	39,659
Diphenhydramine	10,452	17.5	6,865	-	14,039
Hydroxyzine	2,363	39.8	520	-	4,206
Zolpidem	12,792	15.7	8,865	-	16,718
Anxiolytics, sedatives, and hypnotics NOS	2,657	19.0	1,669	-	3,644
CNS stimulants	9,801	18.4	6,259	-	13,342
Amphetamine-dextroamphetamine	2,303	29.6	969	-	3,638
Caffeine	2,736	27.6	1,256	-	4,216
Dextroamphetamine	...	...	...	-	...
Methylphenidate	2,446	20.8	1,450	-	3,441

Table 9 (continued)
Nonmedical use of pharmaceuticals: 2004

Selected drug categories and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
CENTRAL NERVOUS SYSTEM AGENTS	282,296	9.0	232,497	-	332,095
Analgesics	241,578	9.1	198,355	-	284,801
Antimigraine agents	868	40.6	177	-	1,559
Cox-2 inhibitors	1,935	27.9	878	-	2,992
Opiates/opioids	172,726	10.7	136,497	-	208,956
Opiates/opioids, unspecified	31,846	17.6	20,882	-	42,810
Narcotic analgesics	144,644	10.6	114,508	-	174,779
Buprenorphine/combinations	...	54.2	...	-	...
Codeine/combinations	7,171	17.1	4,763	-	9,579
Fentanyl/combinations	9,823	20.9	5,797	-	13,849
Hydrocodone/combinations	39,844	12.4	30,154	-	49,535
Hydromorphone/combinations	3,385	30.6	1,357	-	5,413
Meperidine/combinations	782	40.3	164	-	1,401
Methadone	36,806	12.0	28,151	-	45,461
Morphine/combinations	13,966	24.7	7,198	-	20,735
Oxycodone/combinations	41,701	15.6	28,915	-	54,487
Propoxyphene/combinations	6,744	19.1	4,220	-	9,268
Nonsteroidal anti-inflammatory agents	27,362	9.3	22,369	-	32,356
Ibuprofen	22,127	9.2	18,151	-	26,103
Naproxen	4,715	23.8	2,512	-	6,918
Salicylates/combinations	9,580	18.1	6,174	-	12,985
Miscellaneous analgesics/combinations	44,857	11.4	34,797	-	54,917
Acetaminophen/combinations	39,167	11.7	30,157	-	48,178
Tramadol/combinations	4,849	20.7	2,885	-	6,813
Tramadol	3,948	25.6	1,965	-	5,931
Acetaminophen-tramadol	909	28.0	410	-	1,408
Analgesic combinations not tabulated above (NTA)	977	32.6	352	-	1,602
Anorexiant	...	51.9	...	-	...
Anticonvulsants	28,652	15.8	19,800	-	37,505
Antiemetic/antivertigo agents	1,678	31.6	638	-	2,719
Anti-Parkinson agents	2,472	25.1	1,257	-	3,688
General anesthetics	...	...	...	-	...

Table 9 (continued)
Nonmedical use of pharmaceuticals: 2004

Selected drug categories and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
Muscle relaxants	25,934	12.4	19,647	-	32,221
Carisoprodol	14,736	16.2	10,047	-	19,426
Cyclobenzaprine	6,183	14.5	4,430	-	7,935
Miscellaneous CNS agents	869	38.9	206	-	1,533
RESPIRATORY AGENTS	22,286	15.4	15,563	-	29,009
Antihistamines	5,761	11.3	4,487	-	7,035
Bronchodilators	2,294	34.7	734	-	3,854
Decongestants	1,864	29.8	774	-	2,954
Expectorants	832	36.1	243	-	1,421
Upper respiratory combinations	10,314	23.9	5,478	-	15,150
Respiratory agents NTA	2,903	33.2	1,014	-	4,793
CARDIOVASCULAR AGENTS	27,396	13.0	20,389	-	34,402
Antiadrenergic agents, centrally acting	3,616	15.5	2,517	-	4,715
Beta-adrenergic blocking agents	7,094	17.5	4,664	-	9,525
Calcium channel blocking agents	3,115	19.0	1,955	-	4,275
Diuretics	3,625	19.6	2,230	-	5,020
Cardiovascular agents NTA	14,930	16.7	10,035	-	19,824

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² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ ED visits often involve multiple drugs. Such visits will appear multiple times in this table (e.g., a visit involving oxycodone and hydrocodone will appear twice in this table). Summing ED visits as reported will produce incorrect and inflated counts of ED visits.

⁴ Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 10
Nonmedical use of pharmaceuticals, by patient and visit characteristics: 2004

Patient characteristics	Estimated visits ^{1,2}	Visit characteristics	Estimated visits ^{1,2}
ED visits, nonmedical use	536,247		
Gender		Number of drugs involved	
Male	239,104	Single drug	237,877
Female	296,565	Multiple drugs	298,370
Unknown	...		
Age		Disposition	
0-5 years	4,196	Treated and released	304,715
6-11 years	1,933	Discharged home	273,058
12-17 years	56,324	Released to police/jail	9,146
18-20 years	42,023	Referred to detox/treatment	22,510
21-24 years	47,765	Admitted to this hospital	172,837
25-29 years	52,894	ICU/critical care	50,032
30-34 years	55,965	Surgery	727
35-44 years	117,809	Chemical dependency/detox	...
45-54 years	88,186	Psychiatric unit	44,383
55-64 years	32,932	Other inpatient unit	74,289
65 years and older	35,095	Other disposition	58,696
Unknown	...	Transferred	42,389
Race/ethnicity		Left against medical advice	8,983
White	337,699	Died	1,222
Black	60,897	Other	3,258
Hispanic	36,817	Not documented	2,844
Race/ethnicity not tabulated above (NTA)	6,788		
Unknown	94,047		

¹ These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

² Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 16
Suicide attempts: 2004

Drug category and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval	
			Lower bound	Upper bound
Total drug-related ED visits, suicide attempts	161,586	9.7	130,829	192,343
Major substances of abuse				
Alcohol	48,726	9.3	39,836	57,617
Alcohol in combination	48,080	9.4	39,267	56,893
Alcohol alone	646	31.5	248	1,045
Non-alcohol illicit	34,763	17.6	22,738	46,787
Cocaine	19,520	24.3	10,231	28,808
Heroin	4,579	21.1	2,682	6,475
Marijuana	12,074	15.1	8,502	15,646
Stimulants	4,535	29.1	1,951	7,120
Amphetamines	1,560	46.5	139	2,981
Methamphetamine	3,136	33.4	1,085	5,186
MDMA (Ecstasy)	...	54.0	...	...
GHB	...	...	...	...
Flunitrazepam (Rohypnol)	...	...	...	...
Ketamine	...	...	...	...
LSD	...	...	...	...
PCP	...	55.7	...	...
Miscellaneous hallucinogens	...	...	...	...
Inhalants	...	...	...	...
Combinations not tabulated above (NTA)	...	...	...	...
Other substances				
PSYCHOTHERAPEUTIC AGENTS	88,034	10.8	69,482	106,587
Antidepressants	33,366	13.4	24,629	42,103
MAO inhibitors	...	...	...	...
SSRI antidepressants	18,513	14.6	13,211	23,814
Tricyclic antidepressants	3,555	20.2	2,145	4,965
Miscellaneous antidepressants	3,337	18.0	2,162	4,512
Antipsychotics	17,807	16.8	11,946	23,667
Anxiolytics, sedatives, and hypnotics	52,653	10.4	41,948	63,358
Barbiturates	1,949	34.1	645	3,252
Benzodiazepines	36,995	10.8	29,200	44,789
Alprazolam	11,354	14.3	8,164	14,543
Clonazepam	9,403	18.9	5,923	12,882

Table 16 (continued)
Suicide attempts: 2004

Drug category and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
Diazepam	4,630	28.0	2,085	-	7,174
Lorazepam	6,065	20.1	3,679	-	8,451
Benzodiazepines NOS	4,427	31.5	1,692	-	7,162
Misc. anxiolytics, sedatives, and hypnotics	16,790	13.3	12,401	-	21,179
Diphenhydramine	7,458	25.0	3,797	-	11,119
Hydroxyzine	2,346	22.6	1,307	-	3,384
Zolpidem	4,355	16.2	2,969	-	5,741
Anxiolytics, sedatives, and hypnotics NOS	1,859	27.2	869	-	2,850
CNS stimulants	1,654	26.5	794	-	2,513
Amphetamine-dextroamphetamine	...	...	...	-	...
Caffeine	...	...	...	-	...
Dextroamphetamine	...	...	...	-	...
Methylphenidate	...	...	...	-	...
CENTRAL NERVOUS SYSTEM AGENTS	73,949	11.3	57,623	-	90,275
Analgesics	61,095	11.3	47,544	-	74,646
Antimigraine agents	...	...	...	-	...
Cox-2 inhibitors	807	39.2	186	-	1,428
Opiates/opioids	18,939	12.0	14,466	-	23,411
Opiates/opioids, unspecified	2,363	31.2	919	-	3,808
Narcotic analgesics	16,928	12.0	12,953	-	20,903
Buprenorphine/combinations	...	...	...	-	...
Codeine/combinations	1,750	27.9	793	-	2,707
Fentanyl/combinations	...	...	...	-	...
Hydrocodone/combinations	7,034	14.3	5,065	-	9,004
Hydromorphone/combinations	...	...	...	-	...
Meperidine/combinations	...	...	...	-	...
Methadone	1,287	40.9	255	-	2,318
Morphine/combinations	714	40.5	147	-	1,280
Oxycodone/combinations	5,340	14.5	3,819	-	6,862
Propoxyphene/combinations	1,888	35.7	565	-	3,210
Nonsteroidal anti-inflammatory agents	19,114	17.4	12,611	-	25,618
Ibuprofen	13,609	18.2	8,762	-	18,456
Naproxen	4,383	25.6	2,183	-	6,584
Salicylates/combinations	6,211	18.8	3,917	-	8,505

Table 16 (continued)
Suicide attempts: 2004

Drug category and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
Miscellaneous analgesics/combinations	22,864	12.9	17,085	-	28,643
Acetaminophen/combinations	20,701	13.2	15,360	-	26,043
Tramadol/combinations	1,742	28.6	765	-	2,719
Tramadol	1,528	31.7	577	-	2,479
Acetaminophen-tramadol	...	...	...	-	...
Analgesic combinations NTA	...	...	...	-	...
Anorexiant	...	...	...	-	...
Anticonvulsants	10,957	15.8	7,569	-	14,345
Antiemetic/antivertigo agents	...	...	...	-	...
Anti-Parkinson agents	80	22.8	44	-	115
General anesthetics	...	...	...	-	...
Muscle relaxants	5,921	19.0	3,713	-	8,128
Carisoprodol	1,864	28.7	816	-	2,912
Cyclobenzaprine	2,966	22.9	1,634	-	4,299
Miscellaneous CNS agents	...	...	...	-	...
RESPIRATORY AGENTS	8,361	18.5	5,335	-	11,386
Antihistamines	2,059	39.4	468	-	3,651
Bronchodilators	...	...	...	-	...
Decongestants	...	70.3	...	-	...
Expectorants	...	...	...	-	...
Upper respiratory combinations	4,818	16.2	3,292	-	6,343
Respiratory agents NTA	...	...	...	-	...
CARDIOVASCULAR AGENTS	7,667	21.9	4,376	-	10,958
Antiadrenergic agents, centrally acting	995	31.8	376	-	1,615
Beta-adrenergic blocking agents	2,105	29.5	889	-	3,322
Calcium channel blocking agents	879	39.2	204	-	1,554
Diuretics	...	51.7	...	-	...
Cardiovascular agents NTA	3,661	24.4	1,907	-	5,415

¹ The classification of drugs used in DAWN is derived from the Multum *Lexicon*, © 2007, Multum Information Services, Inc. The classification was modified to meet DAWN's unique requirements (2007). The Multum Licensing Agreement governing use of the *Lexicon* can be found on the Internet at <http://www.multum.com>.

² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

⁴ This column denotes statistically significant ($p < 0.05$) increases or decreases between estimates for the periods shown.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 17
Suicide attempts, by patient and visit characteristics: 2004

Patient characteristics	Estimated visits ^{1,2}	Visit characteristics	Estimated visits ^{1,2}
Total drug-related ED visits, suicide attempts	161,586		
Gender		Number of drugs involved	
Male	62,363	Single drug	62,269
Female	99,210	Multiple drugs	99,317
Unknown	...		
Age		Disposition	
0-5 years	...	Treated and released	37,430
6-11 years	...	Discharged home	28,705
12-17 years	21,584	Released to police/jail	1,388
18-20 years	14,655	Referred to detox/treatment	7,337
21-24 years	15,645	Admitted to this hospital	85,936
25-29 years	18,932	ICU/critical care	27,771
30-34 years	17,973	Surgery	...
35-44 years	36,551	Chemical dependency/detox	152
45-54 years	28,286	Psychiatric unit	34,268
55-64 years	5,903	Other inpatient unit	23,594
65 years and older	2,008	Other disposition	38,219
Unknown	...	Transferred	36,457
Race/ethnicity		Left against medical advice	683
White	92,582	Died	...
Black	...	Other	398
Hispanic	16,543	Not documented	422
Race/ethnicity not tabulated above (NTA)	1,277		
Unknown	19,040		

¹ These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

² Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 19
Seeking detox: 2004

Drug category and selected drugs ¹	Estimated visits ^{2,3,4}	Relative standard error (RSE)	95% Confidence interval		
			Lower bound	-	Upper bound
Total drug-related ED visits, seeking detox	141,867	12.9	106,039	-	177,695
Major substance of abuse					
Alcohol	53,662	11.8	41,287	-	66,038
Alcohol in combination	51,831	12.8	38,803	-	64,859
Alcohol alone	...	60.8	...	-	...
Non-alcohol illicit	110,792	13.7	81,062	-	140,523
Cocaine	62,989	11.4	48,888	-	77,091
Heroin	47,035	19.4	29,143	-	64,927
Marijuana	25,965	24.9	13,306	-	38,625
Stimulants	11,760	48.3	635	-	22,885
Amphetamines	...	55.4	...	-	...
Methamphetamine	...	51.0	...	-	...
MDMA (Ecstasy)	882	40.2	187	-	1,578
GHB	...	...	...	-	...
Flunitrazepam (Rohypnol)	...	...	...	-	...
Ketamine	...	...	...	-	...
LSD	...	...	...	-	...
PCP	827	28.0	373	-	1,282
Miscellaneous hallucinogens	...	...	...	-	...
Inhalants	...	...	...	-	...
Combinations not tabulated above (NTA)	...	...	...	-	...

¹ The classification of drugs used in DAWN is derived from the Multum *Lexicon*, © 2007, Multum Information Services, Inc. The classification was modified to meet DAWN's unique requirements (2007). The Multum Licensing Agreement governing use of the *Lexicon* can be found on the Internet at <http://www.multum.com>.

² These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

³ Estimates are all expressed in visits. Visits cannot be summed across drugs because drug-related visits often involve multiple drugs.

⁴ Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table 20
Seeking detox, by patient and visit characteristics: 2004

Patient characteristics	Estimated visits ^{1,2}	Visit characteristics	Estimated visits ^{1,2}
Total drug-related ED visits, seeking detox	141,867		
Gender		Number of drugs involved	
Male	93,093	Single drug	53,304
Female	48,753	Multiple drugs	88,563
Unknown	...		
Age		Disposition	
0-5 years	...	Treated and released	80,743
6-11 years	...	Discharged home	33,484
12-17 years	3,904	Released to police/jail	2,397
18-20 years	12,204	Referred to detox/treatment	44,861
21-24 years	14,772	Admitted to this hospital	44,676
25-29 years	20,037	ICU/critical care	...
30-34 years	20,819	Surgery	...
35-44 years	41,670	Chemical dependency/detox	28,035
45-54 years	24,056	Psychiatric unit	10,534
55-64 years	3,737	Other inpatient unit	5,710
65 years and older	423	Other disposition	16,448
Unknown	...	Transferred	12,003
Race/ethnicity		Left against medical advice	1,791
White	82,401	Died	...
Black	28,558	Other	1,385
Hispanic	10,516	Not documented	1,269
Race/ethnicity not tabulated above (NTA)	659		
Unknown	19,733		

¹ These are estimates of ED visits based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

² Three dots (...) indicate that an estimate with an RSE greater than 50% or an estimate less than 30 has been suppressed.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table C2
Drug-related ED visits, by type of case: 2004

Type of case	Unweighted sample data	Weighted estimates ¹	Relative standard error (RSE)	95% Confidence interval	
				Lower bound	Upper bound
Drug-related ED visits					
Suicide attempt	9,002	161,586	9.7	130,829	192,343
Seeking detox	17,513	141,867	12.9	106,039	177,695
Alcohol only (age < 21)	7,266	148,490	20.6	88,436	208,543
Adverse reaction	41,451	749,805	15.0	529,114	970,495
Overmedication	17,032	260,678	10.5	206,962	314,394
Malicious poisoning	475	5,772	16.6	3,893	7,652
Accidental ingestion	3,381	69,812	12.0	53,362	86,262
Other	72,721	999,712	24.1	527,543	1,471,881
Total drug-related ED visits	168,841	2,537,722	8.8	2,101,455	2,973,988
Drugs²					
Suicide attempt	18,938	339,959	11.0	266,615	192,343
Seeking detox	34,338	278,073	14.2	200,564	355,583
Alcohol only (age < 21)	7,266	148,490	20.6	88,436	208,543
Adverse reaction	55,255	941,931	14.9	667,662	1,216,200
Overmedication	29,750	474,909	11.4	368,924	580,895
Malicious poisoning	851	9,934	17.1	6,604	13,263
Accidental ingestion	4,287	89,832	13.9	65,393	114,271
Other	125,144	1,764,012	21.6	1,016,767	2,511,256
Drugs in all drug-related ED visits	275,829	4,047,140	8.3	3,391,625	4,702,655

¹ These are estimates based on a representative sample of non-Federal, short-stay hospitals with 24-hour EDs in the United States.

² These are estimates of drugs. A single ED visit may involve multiple drugs.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2004 (03/2008 update).

Table C5
Population by age and gender: 2004¹

Gender and age	Total United States	Males	Females
Total	293,655,404	144,537,408	149,117,996
0-5 years	23,923,026	12,232,272	11,690,754
6-11 years	23,985,999	12,277,377	11,708,622
12-17 years	25,368,973	12,995,499	12,373,474
18-20 years	12,350,179	6,358,864	5,991,315
21-24 years	16,894,923	8,697,646	8,197,277
25-29 years	19,560,906	9,994,814	9,566,092
30-34 years	20,471,032	10,341,219	10,129,813
35-44 years	44,108,652	22,033,881	22,074,771
45-54 years	41,618,805	20,452,673	21,166,132
55-65 years	29,078,924	13,999,433	15,079,491
65 years and older	36,293,985	15,153,730	21,140,255

¹ Population estimates for 2004, as of July 2005, from U.S. Census Bureau Count Population Dataset CO-EST2004-ALLDATA (see <http://www.census.gov/popest/counties/files/CO-EST2004-ALLDATA.csv>).