

Table 12.1: Change in Drug Use by Gender, 1991 to 1998

Substance	Total		Male		Female	
	1991 %	1998 %	1991 %	1998 %	1991 %	1998 %
<i>Heavy alcohol use*</i>	12.9	21.0	21.5	31.0	5.8	11.5
<i>Tobacco</i>						
<i>lifetime</i>	47.2	51.8	57.2	59.4	38.8	44.6
<i>current</i>	23.4	20.8	26.7	25.3	20.7	16.6
<i>Marijuana</i>						
<i>lifetime</i>	28.9	38.1	34.8	44.8	23.9	31.7
<i>current</i>	5.8	7.4	7.9	9.7	4.0	5.2
Lifetime Use						
<i>Methamphetamine</i>	3.8	11.9	4.9	15.5	2.9	8.5
<i>Cocaine</i>	4.4	2.9	5.4	4.2	3.5	1.7
<i>Hallucinogens</i>	4.6	13.9	5.8	17.4	3.5	10.5
<i>Heroin</i>	1.1	4.9	1.6	6.9	0.7	3.0
<i>Sedatives</i>	3.3	5.4	4.1	5.7	2.6	5.2
<i>Analgesics (painkillers)</i>	2.9	15.5	3.6	16.4	2.3	14.7
<i>Inhalants</i>	2.0	3.5	2.6	4.7	1.5	2.4

Table 12.2: Prevalence of Treatment Need (Abuse or Dependence Diagnosis), by County, 1995 and 1998

	County									
	Statewide ¹		Honolulu		Hawai'i		Kaua'i		Maui	
	1995	1998	1995	1998	1995	1998	1995	1998	1995	1998
Estimated total population (18 years and over)	885,002	895,414	663,473	668,524	98,036	99,941	40,740	41,304	82,754	85,645
Percent needing treatment for alcohol only	6.44%	7.70%	6.35%	7.37%	6.42%	9.69%	6.75%	5.96%	7.03%	8.75%
Estimated population needing treatment for alcohol only	56,994	68,926	42,131	49,285	6,294	9,682	2,750	2,463	5,818	7,496
Percent needing treatment for drugs only	1.10%	0.79%	1.00%	0.52%	1.23%	1.51%	1.52%	1.17%	1.81%	1.96%
Estimated population needing treatment for drugs only	9,735	7,074	6,635	3,476	1,206	1,509	619	483	1,498	1,679
Percent needing treatment for both alcohol and drugs	1.40%	0.76%	1.27%	0.73%	1.63%	0.99%	1.27%	0.76%	2.18%	0.76%
Estimated population needing treatment for both alcohol and drugs	12,390	6,839	8,426	4,889	1,598	987	517	312	1,804	650
Percent needing treatment for alcohol and/or drugs	8.94%	9.26%	8.62%	8.62%	9.28%	12.18%	9.54%	7.89%	11.02%	11.47%
Estimated population needing treatment for alcohol and/or drugs	79,119	82,880	57,192	57,623	9,098	12,176	3,886	3,259	9,120	9,822

¹ County totals may not equal statewide totals due to rounding.

Table 12.3: Changes in Drug Use, 1995 to 1998, by County

	County																			
	Statewide				Honolulu				Hawai'i				Kaua'i				Maui			
	1995 N=885,002		1998 N=895,414		1995 N=663,473		1998 N=668,524		1995 N=98,036		1998 N=99,941		1995 N=40,740		1998 N=41,304		1995 N=82,754		1998 N=85,645	
%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	
Alcohol																				
<i>Drank in last month</i>	40.7	0.6	47.6	0.7	41.4	1.0	47.0	1.1	37.6	1.2	50.8	1.6	37.7	1.7	47.2	1.6	40.0	1.5	48.6	1.6
<i>Heavy drinker</i>	18.4	0.5	21.0	0.6	18.2	0.8	20.3	0.9	18.6	1.0	24.2	1.4	17.9	1.4	19.9	1.3	20.2	1.2	23.1	1.3
Any use in last 18 months																				
<i>marijuana</i>	6.1	0.4	7.4	0.4	5.6	0.5	6.0	0.5	8.2	0.7	11.2	1.0	6.0	1.0	9.9	0.9	8.2	0.9	12.6	1.1
<i>methamphetamine</i>	0.7	0.1	0.7	0.1	0.8	0.2	0.6	0.2	0.7	0.2	1.1	0.3	0.2	0.1	1.3	0.3	0.6	0.2	0.9	0.3
<i>hallucinogens</i>	1.0	0.1	1.2	0.2	0.8	0.2	1.0	0.2	1.2	0.3	1.7	0.4	1.0	0.4	2.3	0.5	2.2	0.5	1.9	0.4
<i>cocaine</i>	1.1	0.2	0.1	0.1	1.0	0.2	0.0	0.0	1.4	0.3	0.2	0.1	1.0	0.4	0.2	0.2	2.2	0.5	0.2	0.1
<i>heroin</i>	0.3	0.1	0.9	0.1	0.3	0.1	0.8	0.2	0.2	0.1	1.1	0.3	0.3	0.2	0.6	0.3	0.4	0.2	1.2	0.4
Use in last 18 months (more than 1 or 2 times)																				
<i>marijuana</i>	4.2	0.3	4.8	0.3	3.5	0.4	3.6	0.4	6.5	0.7	8.1	0.9	3.8	0.9	6.6	0.8	6.7	0.8	9.4	0.9
<i>methamphetamine</i>	0.5	0.1	0.4	0.1	0.5	0.2	0.4	0.1	0.3	0.1	0.6	0.2	0.0	0.0	0.4	0.2	0.4	0.2	0.7	0.2
<i>hallucinogens</i>	0.3	0.1	0.6	0.1	0.1	0.1	0.6	0.2	0.7	0.2	1.0	0.3	0.3	0.2	1.2	0.4	1.4	0.3	0.4	0.2
<i>cocaine</i>	0.5	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.5	0.2	0.1	0.1	0.5	0.3	0.2	0.2	1.3	0.3	0.1	0.1
<i>heroin</i>	0.1	0.1	0.6	0.1	0.1	0.1	0.6	0.2	0.0	0.1	0.7	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.6	0.3
Diagnosed abusing/dependent																				
<i>alcohol</i>	8.0	0.4	8.5	0.4	7.7	0.6	8.1	0.6	8.4	0.7	10.7	1.0	8.5	1.1	6.7	0.8	9.7	0.9	9.5	0.9
<i>marijuana</i>	1.3	0.2	1.0	0.2	1.0	0.2	0.8	0.2	1.9	0.4	2.0	0.5	1.8	0.6	1.4	0.4	2.8	0.5	1.8	0.4
<i>methamphetamine</i>	0.7	0.1	0.9	0.1	0.8	0.2	0.8	0.2	0.7	0.2	1.2	0.4	0.6	0.3	1.4	0.4	0.4	0.2	1.0	0.3
<i>hallucinogens</i>	0.1	0.1	0.4	0.1	0.0	0.0	0.3	0.1	0.2	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.5	0.2	0.8	0.3
<i>cocaine</i>	1.0	0.2	0.1	0.0	0.8	0.2	0.1	0.0	1.3	0.3	0.1	0.1	1.0	0.5	0.0	0.0	1.6	0.4	0.4	0.2
<i>heroin</i>	0.2	0.1	0.2	0.1	0.3	0.1	0.2	0.1	0.3	0.2	0.4	0.2	0.2	0.2	0.4	0.1	0.2	0.2	0.1	0.1

Table 12.4: Changes in Drug Abuse by Gender, 1995-1998

	Total				Male				Female			
	1995 N= 885,002		1998 N=895,414		1995 N=404,676		1998 N=437,274		1995 N=480,326		1998 N=458,140	
	%	Std. error	%	Std. error	%	Std. error	%	Std. error	%	Std. error	%	Std. error
Alcohol												
<i>Drank in last month</i>	40.7	1.7	47.6	0.7	48.2	2.5	56.6	1.0	34.3	2.2	39.0	1.0
<i>Heavy drinker</i>	18.4	1.6	21.0	0.6	28.8	2.5	31.0	0.9	9.6	1.8	11.5	0.6
Any use in last 18 months												
<i>Marijuana</i>	6.1	0.4	7.4	0.4	8.6	0.6	9.7	0.7	4.0	0.4	5.2	0.5
<i>Methamphetamine</i>	0.7	0.1	0.7	0.1	0.8	0.2	1.2	0.2	0.6	0.1	0.3	0.1
<i>Hallucinogens</i>	1.0	0.1	1.2	0.2	1.6	0.3	1.6	0.3	0.4	0.1	0.9	0.2
<i>Cocaine</i>	1.1	0.2	0.1	0.1	1.9	0.3	0.1	0.1	0.5	0.2	0.1	0.1
<i>Heroin</i>	0.3	0.1	0.9	0.1	0.4	0.1	1.0	0.2	0.1	0.1	0.7	0.2
Use in last 18 months (more than 1 or 2 times)												
<i>Marijuana</i>	4.2	0.3	4.8	0.3	6.0	0.5	6.8	0.6	2.7	0.4	2.9	0.4
<i>Methamphetamine</i>	0.5	0.1	0.4	0.1	0.5	0.1	0.6	0.2	0.4	0.1	0.2	0.1
<i>Hallucinogens</i>	0.3	0.1	0.6	0.1	0.3	0.2	0.8	0.2	0.3	0.1	0.4	0.1
<i>Cocaine</i>	0.5	0.1	0.0	0.0	0.7	0.2	0.0	0.1	0.4	0.1	0.0	0.1
<i>Heroin</i>	0.1	0.1	0.6	0.1	0.1	0.1	0.6	0.2	0.1	0.1	0.5	0.1
Diagnosed abusing/dependent												
<i>Alcohol</i>	8.0	0.4	8.5	0.4	12.4	0.7	9.0	0.6	4.3	0.4	8.0	0.5
<i>Marijuana</i>	1.3	0.2	1.0	0.2	1.7	0.3	1.2	0.3	0.9	0.2	0.8	0.2
<i>Methamphetamine</i>	0.7	0.1	0.9	0.1	0.7	0.2	1.0	0.2	0.8	0.1	0.8	0.2
<i>Hallucinogens</i>	0.1	0.1	0.4	0.1	0.1	0.1	0.5	0.2	0.1	0.1	0.2	0.1
<i>Cocaine</i>	1.0	0.2	0.1	0.0	1.4	0.3	0.2	0.1	0.6	0.2	0.0	0.1
<i>Heroin</i>	0.2	0.1	0.2	0.1	0.2	0.1	0.3	0.1	0.3	0.1	0.1	0.1

Table 12.5 Changes in Drug Use by Age and Gender, 1995-1998

	Total								18 - 24 years								25-34 years								35 years and older							
	1995				1998				1995				1998				1995				1998				1995				1998			
	Male N=404,676		Female N=480,326		Male N=437,274		Female N=458,140		Male N=70,100		Female N=60,227		Male N=54,000		Female N=49,470		Male N=90,394		Female N=103,694		Male N=106,112		Female N=95,061		Male N=244,182		Female N=316,134		Male N=277,162		Female N=313,609	
%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.			
Alcohol																																
<i>Drank in last month</i>	48.2	2.5	34.3	2.2	56.6	1.0	39.0	1.0	46.6	2.0	31.5	1.7	62.2	2.8	46.6	2.9	49.0	1.3	37.4	1.1	61.6	2.1	38.3	2.1	48.4	1.0	33.8	0.8	53.7	1.2	38.0	1.1
<i>Heavy drinker</i>	28.8	2.5	9.6	1.8	31.0	0.9	11.5	0.6	40.5	1.9	19.8	1.3	45.2	2.8	31.3	2.7	36.0	1.1	13.9	0.6	37.2	2.1	15.0	1.6	22.8	0.9	6.3	0.6	25.8	1.1	7.3	0.6
Any use in last 18 months																																
<i>marijuana</i>	8.6	1.9	4.0	1.7	9.7	0.7	5.2	0.5	17.7	1.3	14.4	0.9	30.0	2.7	17.7	2.4	10.7	0.7	4.6	0.4	9.4	1.4	6.0	1.0	5.3	0.6	1.8	0.4	5.9	0.7	2.9	0.4
<i>methamphetamine</i>	0.8	0.6	0.6	0.6	1.2	0.2	0.3	0.1	1.4	0.5	1.4	0.3	6.1	1.3	0.4	0.3	1.9	0.2	1.5	0.1	0.8	0.5	0.6	0.4	0.3	0.2	0.2	0.1	0.4	0.2	0.2	0.1
<i>hallucinogens</i>	1.6	1.1	0.4	0.8	1.6	0.3	0.9	0.2	4.7	0.5	2.0	0.3	2.6	1.1	2.4	1.0	1.5	0.3	0.4	0.1	2.8	0.7	1.0	0.5	0.8	0.3	0.2	0.1	0.9	0.3	0.6	0.2
<i>cocaine</i>	1.9	0.8	0.5	0.6	0.1	0.1	0.1	0.1	1.2	0.8	0.6	0.4	0.0	0.0	0.4	0.3	3.6	0.3	1.0	0.1	0.2	0.3	0.1	0.2	1.4	0.3	0.3	0.2	0.0	0.1	0.0	0.1
<i>heroin</i>	0.4	0.4	0.1	0.2	1.0	0.2	0.7	0.2	0.4	0.4	0.1	0.0	2.9	1.2	1.6	0.9	0.8	0.1	0.0	0.1	1.8	0.6	1.7	0.5	0.3	0.1	0.2	0.1	0.4	0.2	0.3	0.1
Use in last 18 months (more than 1 or 2 times)																																
<i>marijuana</i>	6.0	1.6	2.7	1.4	6.8	0.6	2.9	0.4	10.6	1.1	8.5	0.8	21.0	2.4	8.1	1.9	8.0	0.6	3.4	0.4	7.0	1.2	3.3	0.8	3.9	0.5	1.3	0.4	4.0	0.6	2.0	0.4
<i>methamphetamine</i>	0.5	0.5	0.4	0.5	0.6	0.2	0.2	0.1	1.0	0.3	0.9	0.3	3.6	0.8	0.4	0.3	0.8	0.2	1.4	0.0	0.3	0.4	0.5	0.3	0.3	0.1	0.0	0.1	0.1	0.1	0.1	0.1
<i>hallucinogens</i>	0.3	0.6	0.3	0.6	0.8	0.2	0.4	0.1	0.9	0.4	1.4	0.1	1.1	0.8	0.4	0.3	0.5	0.2	0.1	0.1	1.9	0.5	0.7	0.4	0.1	0.2	0.1	0.1	0.4	0.2	0.4	0.1
<i>cocaine</i>	0.7	0.6	0.4	0.5	0.0	0.1	0.0	0.1	0.6	0.5	0.2	0.3	0.0	0.0	0.0	0.0	1.5	0.2	0.7	0.1	0.1	0.2	0.1	0.2	0.4	0.2	0.3	0.1	0.0	0.1	0.0	0.1
<i>heroin</i>	0.1	0.0	0.1	0.2	0.6	0.2	0.5	0.1	0.0	0.2	0.1	0.0	2.1	1.0	0.9	0.7	0.1	0.1	0.0	0.1	1.4	0.6	1.6	0.4	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.1
Diagnosed abusing/dependent																																
<i>alcohol</i>	12.4	0.7	4.3	0.4	9.0	0.6	8.0	0.5	16.0	1.9	7.6	1.2	15.2	2.0	14.0	2.0	18.9	1.6	6.7	1.0	10.6	1.4	8.4	1.1	9.0	0.8	2.9	0.4	7.1	0.7	6.9	0.6
<i>marijuana</i>	1.7	0.3	0.9	0.2	1.2	0.3	0.8	0.2	3.6	1.0	1.4	0.8	1.2	0.8	0.5	0.7	3.1	0.8	1.9	0.6	1.4	0.6	1.8	0.5	0.7	0.3	0.5	0.2	1.1	0.3	0.6	0.2
<i>methamphetamine</i>	0.7	0.2	0.8	0.1	1.0	0.2	0.8	0.2	0.9	0.5	1.7	0.6	1.2	0.8	0.6	0.3	0.6	0.4	1.9	0.4	1.6	0.6	1.7	0.4	0.6	0.2	0.3	0.1	0.8	0.2	0.5	0.2
<i>hallucinogens</i>	0.1	0.1	0.1	0.1	0.5	0.2	0.2	0.1	0.4	0.4	0.4	0.5	0.3	0.5	0.6	0.3	0.3	0.2	0.0	0.0	1.3	0.6	0.2	0.3	0.0	0.1	0.0	0.1	0.3	0.1	0.1	0.1
<i>cocaine</i>	1.4	0.3	0.6	0.2	0.2	0.1	0.0	0.1	1.2	0.6	0.3	0.4	0.0	0.0	0.0	0.0	3.0	0.7	1.8	0.5	0.0	0.0	0.1	0.2	0.9	0.3	0.3	0.2	0.2	0.1	0.0	0.1
<i>heroin</i>	0.2	0.1	0.3	0.1	0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.2	0.3	0.3	0.0	0.0	0.2	0.3	0.7	0.2	0.1	0.2	0.0	0.0	0.3	0.2	0.2	0.1	0.4	0.1	0.2	0.1

Table 12.6: Changes in Drug Use and Treatment Need by Ethnicity, 1995-1998

	Total				Caucasian				Japanese				Hawaiian/Part Hawaiian				Filipino				Other			
	1995		1998		1995		1998		1995		1998		1995		1998		1995		1998		1995		1998	
	N=885,002	N=895,414	N=237,758	N=269,054	N=104,961	N=213,294	N=174,327	N=112,826	N=101,040	N=107,027	N=266,916	N=193,212												
	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.	%	S.E.		
Alcohol																								
<i>Drank in last month</i>	40.7	0.6	47.6	0.7	58.5	1.3	59.6	1.4	30.9	1.6	40.5	1.5	40.2	1.5	42.7	1.6	26.8	1.6	36.0	1.8	34.1	1.1	48.0	1.4
<i>Heavy drinker</i>	18.4	0.5	21.0	0.6	23.5	1.1	26.1	1.3	20.9	1.5	15.0	1.2	14.0	1.1	25.0	1.4	16.2	1.3	17.2	1.5	16.6	0.9	20.3	1.2
Any use in last 18 months																								
<i>marijuana</i>	6.1	0.4	7.4	0.4	10.4	0.9	10.7	1.0	5.6	1.0	3.0	0.6	2.6	0.5	11.2	1.0	3.4	0.6	3.9	0.9	5.8	0.6	7.3	0.8
<i>methamphetamine</i>	0.7	0.1	0.7	0.1	0.8	0.3	0.9	0.3	1.8	0.4	0.1	0.1	0.0	0.0	1.3	0.3	1.0	0.3	0.2	0.2	0.6	0.2	1.0	0.3
<i>hallucinogens</i>	1.0	0.1	1.2	0.2	1.9	0.4	1.5	0.4	0.8	0.3	0.4	0.2	0.1	0.1	1.7	0.4	0.2	0.1	0.8	0.4	1.1	0.3	1.6	0.4
<i>cocaine</i>	1.1	0.2	0.1	0.1	1.8	0.4	0.0	0.1	1.5	0.5	0.0	0.1	0.6	0.3	0.2	0.1	0.5	0.3	0.0	0.0	1.0	0.3	0.1	0.1
<i>heroin</i>	0.3	0.1	0.9	0.1	0.5	0.2	0.5	0.2	0.3	0.2	1.0	0.3	0.2	0.1	2.1	0.5	0.4	0.2	0.8	0.4	0.0	0.1	0.7	0.3
Use in last 18 months (more than 1 or 2 times)																								
<i>marijuana</i>	4.2	0.3	4.8	0.3	7.9	0.8	7.2	0.9	3.7	0.8	1.3	0.4	1.5	0.4	8.0	0.9	1.3	0.4	2.3	0.7	3.9	0.5	4.9	0.7
<i>methamphetamine</i>	0.5	0.1	0.4	0.1	0.4	0.2	0.8	0.3	1.2	0.3	0.1	0.1	0.0	0.0	0.8	0.2	0.6	0.2	0.1	0.1	0.5	0.2	0.3	0.2
<i>hallucinogens</i>	0.3	0.1	0.6	0.1	0.4	0.2	1.0	0.3	0.4	0.2	0.2	0.1	0.0	0.1	0.6	0.3	0.0	0.0	0.2	0.2	0.4	0.2	0.9	0.3
<i>cocaine</i>	0.5	0.1	0.0	0.0	1.0	0.3	0.0	0.1	0.6	0.3	0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.2	0.1	0.1
<i>heroin</i>	0.1	0.1	0.6	0.1	0.3	0.2	0.3	0.1	0.3	0.1	0.5	0.2	0.0	0.0	1.6	0.4	0.0	0.0	0.6	0.3	0.0	0.1	0.3	0.2
Diagnosed abusing/dependent																								
<i>alcohol</i>	8.0	0.4	8.5	0.4	13.7	0.9	13.1	1.0	8.3	0.1	3.9	0.6	4.6	0.7	11.7	1.0	5.1	0.7	4.1	0.8	6.2	0.6	7.5	0.8
<i>marijuana</i>	1.3	0.2	1.0	0.2	2.1	0.5	2.0	0.4	1.9	0.5	0.5	0.2	0.5	0.3	1.6	0.5	0.6	0.3	0.0	0.1	1.1	0.3	0.5	0.2
<i>methamphetamine</i>	0.7	0.1	0.2	0.1	1.2	0.3	0.5	0.2	1.3	0.4	0.2	0.1	0.0	0.1	0.0	0.0	1.1	0.3	0.0	0.0	0.4	0.2	0.1	0.1
<i>hallucinogens</i>	0.1	0.1	0.9	0.1	0.2	0.2	1.6	0.4	0.0	0.0	0.5	0.3	0.0	0.0	0.9	0.3	0.2	0.1	0.2	0.2	0.1	0.1	0.8	0.3
<i>cocaine</i>	1.0	0.2	0.1	0.0	1.5	0.4	0.3	0.2	0.8	0.4	0.0	0.0	0.5	0.2	0.1	0.1	0.5	0.3	0.0	0.0	1.0	0.2	0.1	0.1
<i>heroin</i>	0.2	0.1	0.4	0.1	0.8	0.2	0.3	0.2	0.1	0.2	0.6	0.2	0.1	0.1	0.5	0.2	0.0	0.0	0.2	0.2	0.1	0.1	0.2	0.1