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Working to Reform Marijuana Laws

**The NORML Almanac of Marijuana Arrest Statistics**

## **Michigan Marijuana Arrests**

**Marijuana Arrests 1995-2002 (Summary)**

**Marijuana Possession Arrests-2002 (Demographics)**

**Marijuana Sales Arrests-2002 (Demographics)**

**Marijuana Arrests by County 1998-2002**

## Introduction

The NORML Almanac of Marijuana Arrest Statistics provides detailed data on the distribution and composition of marijuana arrests to supplement the analysis and data contained in NORML's 2005 report "Crimes of Indiscretion: Marijuana Arrests in the United States."

The data used for these tables were produced by the Uniform Crime Reports (UCR) program of the Department of Justice - Federal Bureau of Investigation. Local police agencies report data to state agencies, which compile and report it to the national program office. Some local agencies do not participate in the program, and neither do some states. Florida, Illinois, and Washington D.C. did not report data to the UCR program in 2002, though some Illinois data was obtained directly from the state for this report.

This report relies on two UCR data sets. UCR County-Level Detailed Arrest and Offense Data have been used to generate state and county level arrest totals and rates, generally for the years 1995 to 2002. County-level data are reported along with codes that indicate 9 categories of population sizes. Generally the largest arrest rates reported are for small jurisdictions with significant numbers of arrests of non-residents, such as in a popular vacation area.

The UCR Age, Sex, and Race file has been used along with US Census population data to produce arrest rates by demographic category for marijuana possession and sales arrests in 2002. The four categories used for race-based data in the UCR program are White, Black, Indian (Native American), and Asian. The race-based data are also subdivided by general age group: adult, juvenile, and all. Age/sex data are presented in two formats. The primary presentation

utilizes five year age categories for males, females, and both. Age/sex data are also presented using single year categories for age 15 to age 24 to highlight the impact of marijuana arrests on these specific age groups.

All arrest rates reported in these tables are per 100,000 population. Some arrests rates may vary due to differences in the data sets; for example the arrest rate for possession derived from the county level file may be 200 while the same arrest rate derived from the age, sex and race file may be 192. Data reported in these tables may also differ from reports from state criminal justice agencies; UCR files are frequently updated at the state level.

State sections include the following additional data: marijuana arrests as a percentage of drug arrests, marijuana arrests as a percentage of all arrests, the 2002 Census population, 2002 reporting coverage for demographic data, and the maximum state penalties for possession or sale of 1 ounce of marijuana. Marijuana arrests as a percentage of all drug arrests indicate the resources marijuana offenses take away from other drug control efforts. Marijuana arrests as a percentage of all arrests provide an index of the cost of marijuana enforcement in a state; the percentage of all arrests indicates a general percentage of overall criminal justice costs that can be attributed to marijuana. The maximum penalties indicate the potential severity of punishment for marijuana offenses; these data also help characterize the potential cost of state marijuana laws under conditions of maximum enforcement.

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## Key to Almanac Tables

### Marijuana Arrests 1995 – 2002

**Source:** Uniform Crime Reporting Program Data: County-level Detailed Arrest and Offense Data. [Computer File]

**All:** Both adults and juveniles.

**Adults:** Age 18 and older.

**Juvenile:** Under age 18.

**Arrests:** Total marijuana arrests, possession and sales arrests combined.

**Rate:** The arrest rate per 100,000 for all marijuana offenses is calculated by dividing the number of arrests by the coverage population and multiplying the result by 100,000.

**Pct of Drug Arrests:** The percent of drug arrests represented by marijuana arrests. This figure is calculated by dividing the number of marijuana arrests by the number of all arrests for drug offenses.

**Pct of All Arrests:** The percentage of all arrests represented by marijuana arrests. This figure is calculated by dividing the number of marijuana arrests by the number of arrests for all criminal offenses.

### Marijuana Sales/Possession Arrests – 2002

**Source:** Uniform Crime Reporting Program Data: Arrests by Age, Sex, and Race. [Computer File]

**Population:** The total population estimated by the U.S. Census.

**Coverage:** The percentage of the total population represented by the coverage

population. This figure is calculated by dividing the coverage population by the census population for a region.

**Poss. Max:** The maximum penalty for possession of 1 ounce of marijuana.

**Sales. Max:** The maximum penalty for sales of one ounce of marijuana.

**Arrest Rate:** The arrest rate per 100,000 population, calculated by dividing the number of arrests by the population served by the arresting police agencies and multiplying the result by 100,000.

**Adults:** Individuals age 18 and older.

**Juveniles:** Individuals under the age of 18.

**Rate:** The demographic composition of coverage populations has been estimated using U.S. Census data and used to calculate arrest rates for marijuana offenses per 100,000 population for specific demographic groups.

**Arrest Pct.:** The percentage of arrests for the offense accounted for by the demographic group.

**Pop. Pct.:** The estimated percentage of the regional population accounted for by the demographic group.

**Ratio:** The ratio produced by dividing Arrest Pct by Pop. Pct. by the population percentage. A group that accounts for equal shares of marijuana possession arrests and the general population will have a ratio of 1.0.

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## Marijuana Arrests by County 1998 – 2002

**Source:** Uniform Crime Reporting Program Data: County-level Detailed Arrest and Offense Data. [Computer File]

**Population Size:** Nine categories are used to distinguish counties of similar population size. Special circumstances are more likely to disproportionately affect arrest rates in counties with smaller resident populations, such as high numbers of vacation visitors for beach and mountain resort areas.

**Arrests:** Total marijuana arrests, possession and sales arrests combined.

**Arrest Rates:** The arrest rate per 100,000 for all marijuana offenses is calculated by dividing the number of arrests by the coverage population and multiplying the result by 100,000.

**Rank (Rates):** Ranking among all the counties in the State, from highest (1) to lowest.

### Population Size Codes

Size 1	Population	< 2,500		
Size 2	Population	2,500	to	9,999
Size 3	Population	10,000	to	24,999
Size 4	Population	25,000	to	49,999
Size 5	Population	50,000	to	99,999
Size 6	Population	100,000	to	249,999
Size 7	Population	250,000	to	499,999
Size 8	Population	500,000	to	999,999
Size 9	Population	1,000,000 +		

## Notes on the Calculation of Age and Race-Specific Arrest Rates at the County, State, and National Level

### 1. County-level Totals and Arrest Rates.

Local agency data from the UCR Age, Sex, and Race file are combined to produce county-level totals and arrest rates for the overall population. While the agency-level file provides data on the number of blacks arrested by each agency, for example, it does not provide data on the local black population. However calculation of the arrest rate for blacks can take place at the county level through the use of Census Bureau data on county-level populations.

### 2. State, and National Level Totals and Arrest Rates.

County level data are combined to produce state, and national-level totals of coverage populations and arrests by offense, providing a basis for calculating the arrest rate for the overall coverage population.

### 3. Demographic-based Arrest Rates.

The coverage population for Blacks in each region, for example, can be estimated using Census data on the overall Black population of the region. If Blacks comprise 65% of the population of a county, for example, these tables are based on the premise that Blacks also comprise 65% of the coverage population reported in the UCR data for that county. The estimation of the Black population within the overall coverage population provides a basis for calculating the arrest rates for Blacks in the region.

### 4. Coverage Indicators.

A comparison of the coverage population of the reporting local agencies and the overall census population produces a coverage indicator indicating the extent the reported data represents a particular region and its diversity.

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### Michigan Marijuana Arrests

		<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
All	Arrests	16,111	17,216	17,942	17,183	16,770	16,679	18,427	17,708
All	Rate	168.72	179.45	183.57	175.03	170.01	167.82	184.44	176.19
All	Pct. Of Drug Arrests	44.34%	46.20%	48.46%	44.21%	46.27%	45.32%	49.24%	50.08%
All	Pct. Of All Arrests	3.74%	3.99%	4.18%	3.82%	4.22%	4.04%	4.80%	4.66%
Adult	Arrests	13,522	14,552	15,126	14,392	14,226	14,009	15,446	14,982
Adult	Rate	141.61	151.68	154.76	146.60	144.22	140.96	154.60	149.07
Adult	Pct. Of Drug Arrests	37.21%	39.05%	40.85%	37.03%	39.25%	38.06%	41.27%	42.37%
Adult	Pct. Of All Arrests	3.14%	3.37%	3.52%	3.20%	3.58%	3.39%	4.02%	3.95%
Juvenile	Arrests	2,585	2,666	2,818	2,785	2,536	2,664	2,977	2,718
Juvenile	Rate	27.07	27.79	28.83	28.37	25.71	26.81	29.80	27.04
Juvenile	Pct. Of Drug Arrests	7.11%	7.15%	7.61%	7.17%	7.00%	7.24%	7.95%	7.69%
Juvenile	Pct. Of All Arrests	0.60%	0.62%	0.66%	0.62%	0.64%	0.64%	0.78%	0.72%

### Michigan Marijuana Possession Arrests

		<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
All	Arrests	13,161	13,633	14,646	14,788	14,530	14,629	16,001	15,372
All	Rate	137.83	142.10	149.85	150.64	147.30	147.20	160.16	152.95
All	Pct. Of Drug Arrests	36.22%	36.58%	39.56%	38.05%	40.09%	39.75%	42.76%	43.47%
All	Pct. Of All Arrests	3.05%	3.16%	3.41%	3.29%	3.66%	3.54%	4.17%	4.05%
Adult	Arrests	10,870	11,354	12,195	12,315	12,260	12,220	13,313	12,894
Adult	Rate	113.83	118.34	124.77	125.45	124.29	122.96	133.25	128.29
Adult	Pct. Of Drug Arrests	29.92%	30.47%	32.94%	31.69%	33.83%	33.20%	35.57%	36.46%
Adult	Pct. Of All Arrests	2.52%	2.63%	2.84%	2.74%	3.08%	2.96%	3.47%	3.40%
Juvenile	Arrests	2,288	2,288	2,453	2,471	2,266	2,407	2,686	2,474
Juvenile	Rate	23.96	23.85	25.10	25.17	22.97	24.22	26.88	24.62
Juvenile	Pct. Of Drug Arrests	6.30%	6.14%	6.63%	6.36%	6.25%	6.54%	7.18%	7.00%
Juvenile	Pct. Of All Arrests	0.53%	0.53%	0.57%	0.55%	0.57%	0.58%	0.70%	0.65%

### Michigan Marijuana Sales Arrests

		<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
All	Arrests	2,950	3,583	3,296	2,395	2,240	2,050	2,426	2,336
All	Rate	30.89	37.35	33.72	24.40	22.71	20.63	24.28	23.24
All	Pct. Of Drug Arrests	8.12%	9.61%	8.90%	6.16%	6.18%	5.57%	6.48%	6.61%
All	Pct. Of All Arrests	0.68%	0.83%	0.77%	0.53%	0.56%	0.50%	0.63%	0.62%
Adult	Arrests	2,652	3,198	2,931	2,077	1,966	1,789	2,133	2,088
Adult	Rate	27.77	33.33	29.99	21.16	19.93	18.00	21.35	20.78
Adult	Pct. Of Drug Arrests	7.30%	8.58%	7.92%	5.34%	5.42%	4.86%	5.70%	5.90%
Adult	Pct. Of All Arrests	0.62%	0.74%	0.68%	0.46%	0.49%	0.43%	0.56%	0.55%
Juvenile	Arrests	297	378	365	314	270	257	291	244
Juvenile	Rate	3.11	3.94	3.73	3.20	2.74	2.59	2.91	2.43
Juvenile	Pct. Of Drug Arrests	0.82%	1.01%	0.99%	0.81%	0.74%	0.70%	0.78%	0.69%
Juvenile	Pct. Of All Arrests	0.07%	0.09%	0.08%	0.07%	0.07%	0.06%	0.08%	0.06%

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## Michigan Marijuana Possession Arrests - 2002

<b>Population</b>	10,100,000		<b>Arrest Rate</b>		<b>Adults</b>	<b>White</b>	<b>Black</b>	<b>Indian</b>	<b>Asian</b>	
<b>Coverage</b>	98.16%		<b>2000</b>	148.36	<b>Rate</b>	146.17	220.11	91.53	15.32	
<b>Poss. Max.</b>	12	months	<b>2001</b>	163.15	<b>Arrest Pct.</b>	64.39%	19.15%	0.29%	0.13%	
<b>Sales Max.</b>	48	months	<b>2002</b>	153.37	<b>Pop. Pct.</b>	61.95%	9.79%	0.42%	1.52%	
					<b>Ratio</b>	1.04	1.96	0.69	0.09	
<b>All</b>	<b>White</b>	<b>Black</b>	<b>Indian</b>	<b>Asian</b>	<b>Juveniles</b>	<b>White</b>	<b>Black</b>	<b>Indian</b>	<b>Asian</b>	
<b>Rate</b>	157.51	296.46	106.64	13.35	<b>Rate</b>	110.33	56.22	56.37	20.90	
<b>Arrest Pct.</b>	78.66%	20.85%	0.36%	0.21%	<b>Arrest Pct.</b>	14.27%	1.69%	0.07%	0.07%	
<b>Pop. Pct.</b>	81.55%	14.35%	0.60%	2.05%	<b>Pop. Pct.</b>	19.60%	4.56%	0.18%	0.53%	
<b>Ratio</b>	0.96	1.45	0.60	0.10	<b>Ratio</b>	0.73	0.37	0.39	0.13	
<b>Total</b>	<b>Age 15-19</b>	<b>Age 20-24</b>	<b>Age 25-29</b>	<b>Age 30-34</b>	<b>Age 35-39</b>	<b>Age 40-44</b>	<b>Age 45-59</b>	<b>Age 50-54</b>	<b>Age 55-59</b>	<b>Age 60-64</b>
<b>Rate</b>	695.42	601.37	318.74	193.97	140.57	104.66	56.79	27.34	11.90	3.77
<b>Arrest Pct.</b>	32.62%	26.82%	12.75%	8.97%	6.88%	5.49%	2.84%	1.20%	0.41%	0.10%
<b>Pop. Pct.</b>	7.19%	6.84%	6.13%	7.09%	7.51%	8.05%	7.67%	6.75%	5.28%	4.03%
<b>Ratio</b>	4.54	3.92	2.08	1.27	0.92	0.68	0.37	0.18	0.08	0.02
<b>Male</b>	<b>Age 15-19</b>	<b>Age 20-24</b>	<b>Age 25-29</b>	<b>Age 30-34</b>	<b>Age 35-39</b>	<b>Age 40-44</b>	<b>Age 45-59</b>	<b>Age 50-54</b>	<b>Age 55-59</b>	<b>Age 60-64</b>
<b>Rate</b>	1,167.56	1,037.92	548.08	328.33	228.40	174.03	91.57	46.70	20.00	6.78
<b>Arrest Pct.</b>	28.08%	23.36%	11.04%	7.61%	5.58%	4.53%	2.26%	1.01%	0.34%	0.09%
<b>Pop. Pct.</b>	3.69%	3.45%	3.09%	3.56%	3.75%	3.99%	3.79%	3.32%	2.58%	1.94%
<b>Ratio</b>	7.61	6.77	3.57	2.14	1.49	1.14	0.60	0.30	0.13	0.05
<b>Female</b>	<b>Age 15-19</b>	<b>Age 20-24</b>	<b>Age 25-29</b>	<b>Age 30-34</b>	<b>Age 35-39</b>	<b>Age 40-44</b>	<b>Age 45-59</b>	<b>Age 50-54</b>	<b>Age 55-59</b>	<b>Age 60-64</b>
<b>Rate</b>	198.63	156.49	86.19	58.79	53.09	36.47	22.94	8.58	4.14	0.97
<b>Arrest Pct.</b>	4.54%	3.46%	1.71%	1.35%	1.30%	0.96%	0.58%	0.19%	0.07%	0.01%
<b>Pop. Pct.</b>	3.51%	3.39%	3.05%	3.53%	3.76%	4.06%	3.89%	3.43%	2.69%	2.09%
<b>Ratio</b>	1.29	1.02	0.56	0.38	0.35	0.24	0.15	0.06	0.03	0.00
<b>Total</b>	<b>Age 15</b>	<b>Age 16</b>	<b>Age 17</b>	<b>Age 18</b>	<b>Age 19</b>	<b>Age 20</b>	<b>Age 21</b>	<b>Age 22</b>	<b>Age 23</b>	<b>Age 24</b>
<b>Rate</b>	244.90	453.60	805.65	1,032.36	961.91	797.27	675.74	541.11	516.33	459.51
<b>Arrest Pct.</b>	2.33%	4.32%	7.66%	9.54%	8.77%	7.30%	6.23%	4.92%	4.51%	3.85%
<b>Pop. Pct.</b>	1.46%	1.46%	1.46%	1.42%	1.40%	1.40%	1.41%	1.39%	1.34%	1.29%
<b>Ratio</b>	1.60	2.96	5.25	6.73	6.27	5.20	4.41	3.53	3.37	3.00
<b>Male</b>	<b>Age 15</b>	<b>Age 16</b>	<b>Age 17</b>	<b>Age 18</b>	<b>Age 19</b>	<b>Age 20</b>	<b>Age 21</b>	<b>Age 22</b>	<b>Age 23</b>	<b>Age 24</b>
<b>Rate</b>	396.71	752.07	1,360.16	1,741.19	1,626.04	1,376.93	1,163.02	931.42	894.04	794.96
<b>Arrest Pct.</b>	1.94%	3.67%	6.66%	8.25%	7.55%	6.38%	5.40%	4.26%	3.95%	3.37%
<b>Pop. Pct.</b>	0.75%	0.75%	0.75%	0.73%	0.71%	0.71%	0.71%	0.70%	0.68%	0.65%
<b>Ratio</b>	2.59	4.90	8.87	11.35	10.60	8.98	7.58	6.07	5.83	5.18
<b>Female</b>	<b>Age 15</b>	<b>Age 16</b>	<b>Age 17</b>	<b>Age 18</b>	<b>Age 19</b>	<b>Age 20</b>	<b>Age 21</b>	<b>Age 22</b>	<b>Age 23</b>	<b>Age 24</b>
<b>Rate</b>	85.37	138.52	216.49	286.17	271.94	203.09	181.81	145.06	131.29	116.39
<b>Arrest Pct.</b>	0.40%	0.64%	1.00%	1.29%	1.22%	0.92%	0.83%	0.65%	0.57%	0.48%
<b>Pop. Pct.</b>	0.71%	0.71%	0.71%	0.69%	0.69%	0.69%	0.70%	0.69%	0.66%	0.64%
<b>Ratio</b>	0.56	0.90	1.41	1.87	1.77	1.32	1.19	0.95	0.86	0.76

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## Michigan Marijuana Sales Arrests - 2002

<b>Population</b>	10,100,000		<b>Arrest Rate</b>		<b>Adults</b>	<b>White</b>	<b>Black</b>	<b>Indian</b>	<b>Asian</b>	
<b>Coverage</b>	98.16%		<b>2000</b>	20.86	<b>Rate</b>	20.37	43.92	8.47	5.43	
<b>Poss. Max.</b>	12	months	<b>2001</b>	24.75	<b>Arrest Pct.</b>	63.31%	25.48%	0.22%	0.44%	
<b>Sales Max.</b>	48	months	<b>2002</b>	23.44	<b>Pop. Pct.</b>	61.95%	9.79%	0.42%	1.52%	
					<b>Ratio</b>	1.02	2.60	0.52	0.29	
<b>All</b>	<b>White</b>	<b>Black</b>	<b>Indian</b>	<b>Asian</b>	<b>Juveniles</b>	<b>White</b>	<b>Black</b>	<b>Indian</b>	<b>Asian</b>	
<b>Rate</b>	23.58	60.04	12.12	6.68	<b>Rate</b>	10.24	9.33	0.00	1.90	
<b>Arrest Pct.</b>	72.01%	27.33%	0.22%	0.48%	<b>Arrest Pct.</b>	8.70%	1.85%	0.00%	0.04%	
<b>Pop. Pct.</b>	81.55%	14.35%	0.60%	2.05%	<b>Pop. Pct.</b>	19.60%	4.56%	0.18%	0.53%	
<b>Ratio</b>	0.88	1.90	0.37	0.23	<b>Ratio</b>	0.44	0.41	0.00	0.08	
<b>Total</b>	<b>Age 15-19</b>	<b>Age 20-24</b>	<b>Age 25-29</b>	<b>Age 30-34</b>	<b>Age 35-39</b>	<b>Age 40-44</b>	<b>Age 45-59</b>	<b>Age 50-54</b>	<b>Age 55-59</b>	<b>Age 60-64</b>
<b>Rate</b>	79.18	99.59	56.18	36.02	22.14	18.14	12.55	5.26	3.26	1.76
<b>Arrest Pct.</b>	24.30%	29.05%	14.70%	10.89%	7.09%	6.23%	4.11%	1.51%	0.73%	0.30%
<b>Pop. Pct.</b>	7.19%	6.84%	6.13%	7.09%	7.51%	8.05%	7.67%	6.75%	5.28%	4.03%
<b>Ratio</b>	3.38	4.25	2.40	1.54	0.94	0.77	0.54	0.22	0.14	0.07
<b>Male</b>	<b>Age 15-19</b>	<b>Age 20-24</b>	<b>Age 25-29</b>	<b>Age 30-34</b>	<b>Age 35-39</b>	<b>Age 40-44</b>	<b>Age 45-59</b>	<b>Age 50-54</b>	<b>Age 55-59</b>	<b>Age 60-64</b>
<b>Rate</b>	137.94	172.64	96.16	62.42	36.53	28.71	19.55	9.77	5.49	2.61
<b>Arrest Pct.</b>	21.70%	25.42%	12.67%	9.47%	5.84%	4.89%	3.16%	1.38%	0.61%	0.22%
<b>Pop. Pct.</b>	3.69%	3.45%	3.09%	3.56%	3.75%	3.99%	3.79%	3.32%	2.58%	1.94%
<b>Ratio</b>	5.88	7.37	4.10	2.66	1.56	1.23	0.83	0.42	0.24	0.11
<b>Female</b>	<b>Age 15-19</b>	<b>Age 20-24</b>	<b>Age 25-29</b>	<b>Age 30-34</b>	<b>Age 35-39</b>	<b>Age 40-44</b>	<b>Age 45-59</b>	<b>Age 50-54</b>	<b>Age 55-59</b>	<b>Age 60-64</b>
<b>Rate</b>	17.35	25.13	15.64	9.46	7.82	7.74	5.73	0.89	1.13	0.97
<b>Arrest Pct.</b>	2.59%	3.63%	2.03%	1.43%	1.25%	1.34%	0.95%	0.13%	0.13%	0.09%
<b>Pop. Pct.</b>	3.51%	3.39%	3.05%	3.53%	3.76%	4.06%	3.89%	3.43%	2.69%	2.09%
<b>Ratio</b>	0.74	1.07	0.67	0.41	0.33	0.33	0.24	0.04	0.05	0.04
<b>Total</b>	<b>Age 15</b>	<b>Age 16</b>	<b>Age 17</b>	<b>Age 18</b>	<b>Age 19</b>	<b>Age 20</b>	<b>Age 21</b>	<b>Age 22</b>	<b>Age 23</b>	<b>Age 24</b>
<b>Rate</b>	22.20	38.21	93.15	112.24	133.38	137.09	118.24	85.82	83.91	69.36
<b>Arrest Pct.</b>	1.38%	2.38%	5.79%	6.79%	7.96%	8.21%	7.13%	5.10%	4.80%	3.80%
<b>Pop. Pct.</b>	1.46%	1.46%	1.46%	1.42%	1.40%	1.40%	1.41%	1.39%	1.34%	1.29%
<b>Ratio</b>	0.95	1.63	3.97	4.79	5.69	5.85	5.04	3.66	3.58	2.96
<b>Male</b>	<b>Age 15</b>	<b>Age 16</b>	<b>Age 17</b>	<b>Age 18</b>	<b>Age 19</b>	<b>Age 20</b>	<b>Age 21</b>	<b>Age 22</b>	<b>Age 23</b>	<b>Age 24</b>
<b>Rate</b>	37.91	70.34	153.83	193.78	240.42	233.76	206.41	147.29	148.26	121.58
<b>Arrest Pct.</b>	1.21%	2.25%	4.93%	6.01%	7.31%	7.09%	6.27%	4.41%	4.28%	3.37%
<b>Pop. Pct.</b>	0.75%	0.75%	0.75%	0.73%	0.71%	0.71%	0.71%	0.70%	0.68%	0.65%
<b>Ratio</b>	1.62	3.00	6.56	8.27	10.25	9.97	8.80	6.28	6.32	5.19
<b>Female</b>	<b>Age 15</b>	<b>Age 16</b>	<b>Age 17</b>	<b>Age 18</b>	<b>Age 19</b>	<b>Age 20</b>	<b>Age 21</b>	<b>Age 22</b>	<b>Age 23</b>	<b>Age 24</b>
<b>Rate</b>	5.69	4.28	28.67	26.42	22.17	37.99	28.86	23.44	18.32	15.94
<b>Arrest Pct.</b>	0.17%	0.13%	0.86%	0.78%	0.65%	1.12%	0.86%	0.69%	0.52%	0.43%
<b>Pop. Pct.</b>	0.71%	0.71%	0.71%	0.69%	0.69%	0.69%	0.70%	0.69%	0.66%	0.64%
<b>Ratio</b>	0.24	0.18	1.22	1.13	0.95	1.62	1.23	1.00	0.78	0.68

# The NORML Almanac of State Marijuana Statistics

## Michigan

### Marijuana Arrests by County

	Population Size	Arrests					Arrest Rates					Rank (Rates)
		1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	2002
Alcona	3	7	6	8	11	18	63.47	53.76	68.27	93.37	151.89	49
Alger	2	12	8	14	14	25	119.98	80.53	141.96	141.21	250.68	17
Allegan	5	196	213	217	278	232	205.75	223.24	220.39	280.88	233.01	20
Alpena	4	45	52	60	65	46	146.23	170.22	191.61	206.49	145.26	52
Antrim	3	52	28	27	27	27	246.83	129.49	116.83	116.22	115.53	66
Arenac	3	18	48	64	50	36	109.20	291.07	370.61	288.02	206.14	29
Baraga	2	12	8	34	32	23	141.43	94.64	388.75	363.97	260.03	13
Barry	5	121	135	143	116	159	225.04	246.38	251.96	203.32	277.03	12
Bay	6	141	204	157	157	155	127.59	185.01	142.81	142.06	139.42	57
Benzie	3	14	26	15	13	31	97.54	176.30	93.76	80.84	191.62	33
Berrien	6	415	475	516	587	657	257.09	295.02	317.62	359.43	399.91	4
Branch	4	77	158	130	158	99	175.65	360.32	283.71	343.02	213.65	25
Calhoun	6	276	217	339	460	458	193.78	153.18	245.74	331.70	328.30	6
Cass	5	67	90	91	87	84	133.50	180.26	178.09	169.37	162.55	47
Charlevoix	4	43	51	17	28	45	181.17	207.72	65.16	106.76	170.56	42
Cheboygan	4	51	29	25	30	56	220.06	123.84	95.68	114.22	211.93	27
Chippewa	4	88	66	52	93	112	231.17	173.01	134.91	240.02	287.35	11
Clare	4	24	15	24	75	45	82.34	50.45	76.71	238.47	142.24	56
Clinton	5	116	117	114	149	122	183.02	183.69	176.05	229.04	186.42	36
Crawford	3	38	30	38	22	30	272.58	211.01	266.24	153.33	207.86	28
Delta	4	60	92	114	114	125	153.96	235.10	295.95	294.40	320.89	8
Dickinson	4	38	33	58	55	29	139.80	121.31	211.12	199.15	104.39	71
Eaton	5	85	103	88	121	105	88.98	106.43	89.03	121.76	105.03	69
Emmet	4	91	72	53	69	80	314.58	246.19	166.90	216.14	249.11	18
Genesee	7	948	802	537	690	570	216.82	183.07	123.15	157.41	129.26	58
Gladwin	4	26	41	69	108	122	104.05	161.08	265.15	412.84	463.58	3
Gogebic	3	18	25	30	61	33	102.76	145.53	172.71	349.33	187.86	35
Grand Traverse	5	117	139	145	169	177	159.22	186.61	186.37	216.08	224.96	22
Gratiot	4	148	116	90	115	62	368.16	287.73	212.84	270.54	144.99	53
Hillsdale	4	63	73	92	116	149	135.65	155.87	197.73	248.01	316.67	9
Houghton	4	29	23	22	16	20	80.63	64.09	61.08	44.19	54.91	80
Huron	4	36	45	47	52	47	101.62	126.87	130.27	143.37	128.82	59
Ingham	7	445	528	424	488	512	153.22	181.22	149.23	170.83	178.17	38
Ionia	5	74	78	97	76	76	120.56	125.82	157.68	122.89	122.16	64
Iosco	4	27	64	41	33	32	106.97	253.67	149.97	120.07	115.74	65
Iron	3	13	23	13	9	23	99.06	177.69	98.95	68.15	173.11	40
Isabella	5	66	77	86	112	123	114.05	132.10	135.82	175.96	192.09	32
Jackson	6	194	341	419	404	341	124.34	217.34	264.48	253.68	212.85	26
Kalamazoo	6	762	675	149	190	186	331.02	292.53	62.45	79.21	77.09	75
Kalkaska	3	39	81	85	60	43	251.30	517.84	512.94	360.19	256.59	16
Kent	8	1,949	1,827	1,209	1,158	1,507	359.73	333.55	210.50	200.57	259.47	14
Keweenaw	1	1	0	0	0	0	47.92	0.00	0.00	0.00	0.00	83
Lake	3	13	13	13	1	12	127.48	123.52	114.71	8.78	104.71	70
Lapeer	5	146	174	202	176	155	167.30	196.21	229.81	199.18	174.37	39
Leelanau	3	16	17	9	9	6	84.93	88.39	42.92	42.69	28.29	82
Lenawee	6	141	145	152	170	170	143.25	146.65	153.71	171.01	169.99	43



# The NORML Almanac of State Marijuana Statistics

## Michigan

### Marijuana Arrests by County

	Population	Arrests					Arrest Rates					Rank
	Size	1998	1999	2000	2001	2002	1998	1999	2000	2001	2002	(Rates)
Livingston	6	204	232	289	299	196	143.12	157.98	184.13	189.51	123.49	62
Luce	2	20	15	30	21	35	302.43	224.85	427.11	297.41	492.75	2
Mackinac	3	61	84	85	116	63	546.50	753.36	711.71	966.18	521.61	1
Macomb	8	975	1,123	1,440	1,824	1,707	123.86	141.85	182.65	230.14	214.10	24
Manistee	3	61	69	51	81	80	262.02	294.36	207.93	328.52	322.54	7
Marquette	5	103	120	113	128	104	165.96	194.00	174.83	197.00	159.11	48
Mason	4	18	22	28	39	48	64.34	78.34	99.03	137.21	167.87	44
Mecosta	4	45	39	60	36	39	114.36	97.02	147.95	88.31	95.10	72
Menominee	4	66	42	51	42	37	268.83	170.84	201.37	164.97	144.46	54
Midland	5	145	154	140	89	105	176.82	186.58	168.48	106.54	124.95	60
Missaukee	3	24	23	23	21	25	174.65	164.78	158.86	144.29	170.75	41
Monroe	6	121	116	156	230	209	85.25	81.34	108.16	158.63	143.29	55
Montcalm	5	64	90	98	62	57	106.83	147.91	159.96	100.67	92.00	74
Montmorency	3	12	10	11	13	6	119.71	99.42	106.64	125.37	57.52	79
Muskegon	6	339	248	201	183	159	203.47	148.03	118.10	106.96	92.38	73
Newaygo	4	95	92	73	87	92	211.42	201.42	153.65	182.16	191.48	34
Oakland	9	1,867	1,632	2,015	2,424	2,243	158.94	137.71	168.30	201.40	185.26	37
Oceana	4	29	40	21	22	16	115.86	158.25	77.10	80.35	58.09	78
Ogemaw	3	51	38	92	60	36	242.31	178.46	425.04	275.75	164.47	45
Ontonagon	2	21	19	5	14	3	257.57	240.05	63.95	178.14	37.95	81
Osceola	3	43	19	13	29	25	194.35	85.54	56.04	124.36	106.57	68
Oscoda	2	20	15	18	29	7	225.15	168.09	191.12	306.29	73.50	77
Otsego	3	66	54	36	70	92	301.42	242.87	154.50	298.84	390.43	5
Ottawa	6	527	538	517	550	483	232.02	231.74	210.58	222.84	194.54	31
Presque Isle	3	9	6	14	7	11	62.26	41.40	97.15	48.32	75.48	76
Roscommon	4	49	80	102	136	62	210.52	339.30	400.49	531.19	240.72	19
Saginaw	6	701	506	381	405	231	330.34	239.70	181.39	191.81	108.75	67
St Clair	6	299	248	304	279	329	189.28	154.83	185.46	169.32	198.48	30
St Joseph	5	188	146	121	141	162	305.68	237.34	193.84	224.70	256.63	15
Sanilac	4	69	75	100	97	74	160.73	173.66	224.45	216.58	164.24	46
Schoolcraft	2	12	10	19	29	20	136.58	113.03	213.41	324.02	222.12	23
Shiawassee	5	138	113	155	104	107	190.04	154.84	215.97	144.15	147.43	51
Tuscola	5	64	99	95	112	88	109.70	169.36	163.05	191.21	149.35	50
Van Buren	5	214	199	244	234	233	281.51	261.76	319.95	305.19	302.09	10
Washtenaw	7	833	665	743	747	741	276.00	217.26	228.89	228.92	225.73	21
Wayne	9	2,223	2,143	2,415	2,581	2,580	104.19	100.82	117.34	124.75	123.96	61
Wexford	4	49	63	91	62	38	167.38	214.85	298.52	202.32	123.26	63
State Total		17,183	16,770	16,679	18,427	17,708	175.03	170.01	167.82	184.44	176.19	