

SPF/SIG Data: Mackinac County

1. Miles of Road: 954
2. Active Liquor Licenses: 83

CONSEQUENCES

3. Alcohol Related Crashes

- 2003 – 40
- 2004 – 22
- 2005 – 36
- 2006 – 24

TOTAL Alcohol-Related Crashes – 122 (average = 31 year)

(of 3,054 total crashes - alcohol related crashes make up 4% of all crashes)

4. Alcohol Related Fatal Crashes

- 2003 – 1
- 2004 – 0
- 2005 – 3
- 2006 – 0

TOTAL Alcohol Related Fatal Crashes – 4 (average = 1/year)

(Of 12 total fatal crashes = alcohol related fatal crashes make up 33% of all fatal crashes)

Total Persons Killed in Alcohol –Related Fatal Crashes – 4

(Of 13 total persons killed in traffic crashes – alcohol-related deaths make up 31% of the total traffic crash deaths)

2003 and 2004 crashes were caused by drivers with BAC of .08 or above

5. Alcohol Related Personal Injury Crashes

- 2003 – 24
- 2004 – 11
- 2005 – 12
- 2006 – 12

Total Alcohol Related Personal Injury Crashes – 59 (average = 15/year)

(Of 444 personal Injury Crashes = alcohol is involved in 13% of the personal injury crashes)

6. Number of Persons Injured in Alcohol-Related Crashes

- 2003 – 33
- 2004 – 14
- 2005 – 17
- 2006 – 12

Total Persons Injured in Alcohol-Related Crashes – 76

(1.5 people are injured in every alcohol-related crash)

7. Drunk Drivers Suffering Incapacitating Injuries:

- 2003 – 9
- 2004 – 4
- 2005 – 3
- 2006 – 5

TOTAL Incapacitating Injuries to HBD drivers – 21

(Of 122 drinking drivers 17% suffered incapacitating injuries)

8. Alcohol-Related Property Damage Crashes

- 2003 – 16
- 2004 – 10
- 2005 – 21
- 2006 - 12

Total Alcohol-Related Property Damage Crashes – 59 (average = 15/year)

9.

Age Of Drinking Drivers

	0-15	16-20	21-24	25-34	35-44	45-54	55-64	65-74	75+	UK
2003	0	3	10	8	10	5	2	0	0	2
2004	0	2	6	7	0	6	1	0	0	0
2005	0	6	6	6	13	3	2	0	0	0
2006	0	5	6	5	3	3	2	0	0	0
Total	0	16	28	26	26	17	7	0	0	2
		(13%)	(23%)	(21%)	(21%)	(14%)	(6%)			

10. County Ranking by HBD (had been drinking) Fatal Crash Rate per 1,000 Residents

- 2003 – 79 (0.0000 - State was .0359)
- 2004 – 14 (0.0879 – State was 0.334)
- 2005 – 3 (0.2648 – State was 0.313)
- 2006 – 71 (0.0000 – State was 0.346)

11. Alcohol Poisonings: County Estimate is 3 Cases for this region (112 cases x 2.6% of all cases involve alcohol).

12. Liver Disease Deaths – 1/year/per 100,000 (2003 -2005 average)/State rate is 992/100,000

13. FAS/FAE – Estimate 101 (5% of 2022) individuals in this region cost \$590.07/day

SUBSTANCE USE

14. Heavy Drinking Rate (1 or more per day in the last month) – 5.0% (range is 2.2% – 11.2%)

Binge Drinking Rate (5 or more drinks on one occasion at least once in the last month) – 19.9% (range is 11.6% – 32.0%)

NOTE: Data is LMAS Health Department – combined for four counties)

15. 19 individuals with dual-diagnosis (2006)

INTERVENING VARIABLES

16. Implied Consent

- 2003 – 7
- 2004 – 2
- 2005 – 5

17. OUIL/Impaired Arrests

- 2003 – 93/1
- 2004 – 119/0
- 2005 – 110/0

18. Arrests/100 miles of Road

- 2003 – 10.09 (State = 45.68)
- 2004 – 12.60 (State = 45.06)
- 2005 – 11.93 (State = 44.17)

19. Arrests per 10,000 Population

- 2003 – 54.57 (State = 55.30)
- 2004 – 106.30 (State = 54.48)
- 2005 – 101.49 (State = 53.41)

20. OUIL/Impaired/Death/Injury Convictions

- 2003 – 90
- 2004 – 70
- 2005 – 56

21. 1 Active Liquor License for every 133 people (83/11050)

22. Substance Abuse Treatment Needs (all populations) – 7,565

23. Substance Abuse Admissions:

	Adult	Youth
2004	76	1
2005	88	3
2006	94	6

Notes on Youth Data

Alcohol/Drug-related Expulsions from school – 0

Zero Tolerance Arrests – 2003 – 2, 2004 – 2, 2005 – 4