

SPF/SIG Data: Marquette County

1. Miles of Road: 1,624
2. Active Liquor Licenses: 161

CONSEQUENCES

3. Alcohol Related Crashes

- 2003 – 115
- 2004 – 104
- 2005 – 103
- 2006 – 77

TOTAL Alcohol Crashes – 399 (average 99.75/year)

(of 9,233 total crashes, alcohol related crashes make up 4% of all crashes))

4. Alcohol Related Fatal Crashes

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

TOTAL Alcohol Related Fatal Crashes – 10 (average 2.5/year)

(Of 27 total fatal crashes, alcohol related fatal crashes make up 37% of all fatal crashes)

Total Persons Killed in Alcohol –Related Fatal Crashes – 12 (average 3/year)

(Of 32 total persons killed in traffic crashes, alcohol-related deaths make up nearly 1/3 of the total traffic crash deaths)

All 2003 - 2005 alcohol-related fatal rashes were caused by drivers with BAC of .08 or above

5. Alcohol Related Personal Injury Crashes

- 2003 – 41
- 2004 – 40
- 2005 – 40
- 2006 – 33

Total Alcohol Related Personal Injury Crashes – 154 (average 38.5/year)

(Of 1671 personal Injury Crashes = alcohol is involved in 13% of the personal injury crashes)

6. Number of Persons Injured in Alcohol-Related Crashes

- 2003 – 61
- 2004 – 51
- 2005 – 57
- 2006 – 51

Total Persons Injured in Alcohol-Related Crashes – 220 (average 55/year)

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

7. Drunk Drivers Suffering Incapacitating Injuries:

- 2003 – 14
- 2004 – 9
- 2005 – 9
- 2006 – 12

TOTAL Incapacitating Injuries to HBD drivers – 47

8. Alcohol-Related Property Damage Crashes

- 2003 – 71
- 2004 – 61
- 2005 – 60
- 2006 - 43

Total Alcohol-Related Property Damage Crashes – 235 (average 58.75/year)

9.

Age Of Drinking Drivers

	<u>0-15</u>	<u>16-20</u>	<u>21-24</u>	<u>25-34</u>	<u>35-44</u>	<u>45-54</u>	<u>55-64</u>	<u>65-74</u>	<u>75+</u>	<u>UK</u>
2003	0	16	27	20	22	10	7	3	2	6
2004	0	21	25	20	15	10	9	2	0	1
2005	0	15	20	21	17	18	7	3	1	1
2005	0	15	11	20	12	12	4	1	1	1
Total	0	40	83	81	66	50	27	9	4	9
		(13%)	(26%)	(25%)	(21%)	(16%)	(8%)	(3%)	(1%)	

10. County Ranking by HBD Fatal Crash Rate per 1,000 Residents

- 2003 – 36 (0.0464/1,000 - State was .0359)
- 2004 – 31 (0.0462/1,000 – State was 0.334)
- 2005 – 32 (0.0463/1,000 – State was 0.313)
- 2006 – 65 (0.0155/1,000 – State was 0.346)

11. Alcohol Poisonings: County Estimate is 13 Cases for this County (504 cases x 2.6% of all cases involve alcohol).

12. Liver Disease Deaths – 10/year per 100,000 (2003 -2005 average). State rate is 992/100,000

13.FAS/FAE – Estimate 684 (32% of 2022) individuals in this region cost \$3,996.09/day

SUBSTANCE USE

14. Heavy Drinking Rate (1 or more per day in the last month) – 9.8% (State is 5.4%)

Binge Drinking Rate (5 or more drinks on one occasion at least once in the last month) – 27.6% (State is 17.4%)

15. 231 individuals with dual-diagnosis (2006)

INTERVENING VARIABLES

16. Implied Consent Suspensions of Residents

- 2003 – 36
- 2004 – 41

- 2005 – 35

17.OUIL/Impaired Arrests

- 2003 – 462/7
- 2004 – 401/1
- 2005 - 456/0

18. Arrests/mile/100 miles of Road

- 2003 – 30.05 (State = 45.68)
- 2004 – 17.90 (State = 45.06)
- 2005 – 28.57 (State = 44.17)

19. Arrests per 10,000 Residents

- 2003 – 75.37 (State = 55.30)
- 2004 – 98.91 (State = 54.48)
- 2005 – 71.85 (State = 53.41)

20. OUIL/Impaired/Death/Injury Convictions

- 2003 – 431
- 2004 – 373
- 2005 – 431

21. 1 Active Liquor License for every 402 people (161/64,675)

22. Substance Abuse Treatment Needs (all populations) – 12,694

23. Substance Abuse Admissions:

	Adult	Youth
2004	601	33
2005	617	36
2006	653	25

Notes on Youth Data:

Expulsions from school – 20

Zero Tolerance Arrests/Convictions – 2003: 18/22, 2004: 9/4, 2005: 7/12

MIP	2003	2004	2005	2006
1st Offense	32	34	34	54
2nd Offense	6	2		
3rd Offense	4	1		