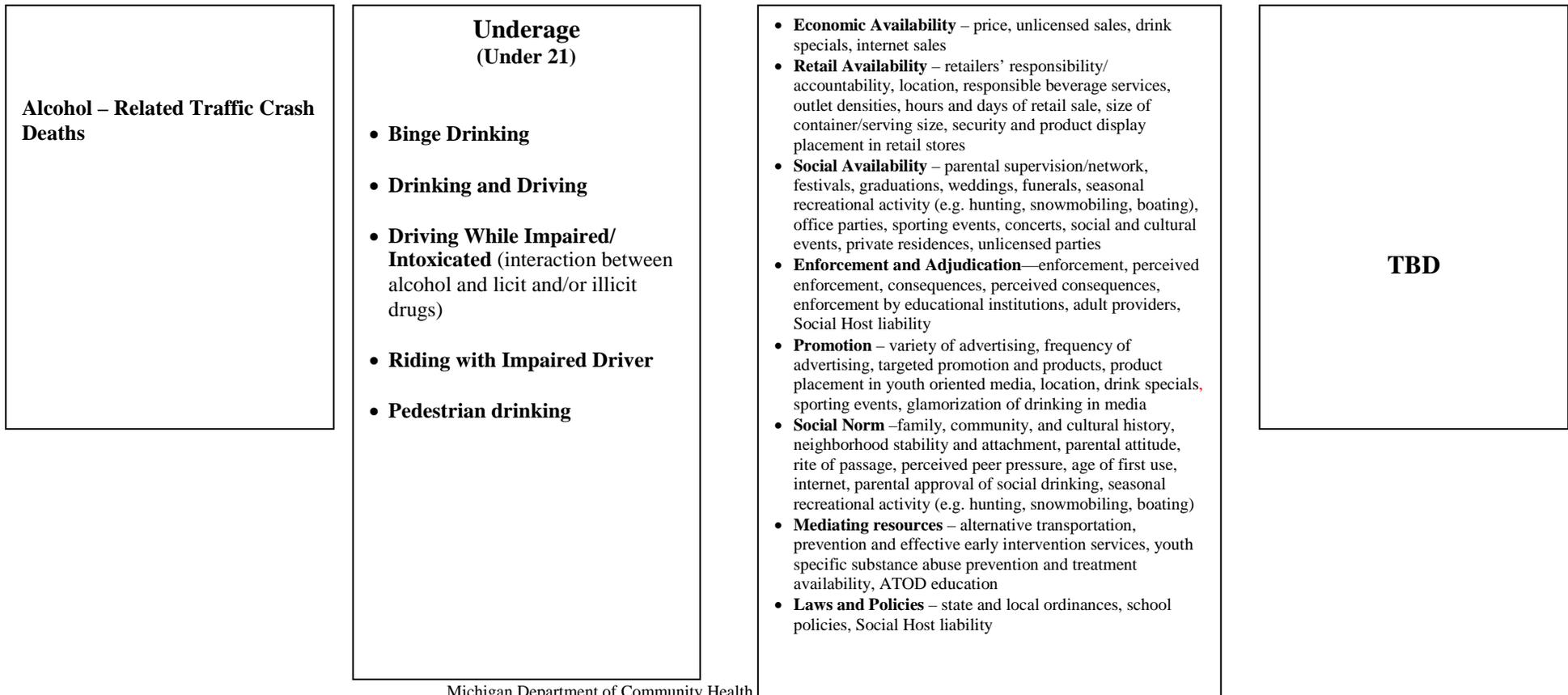
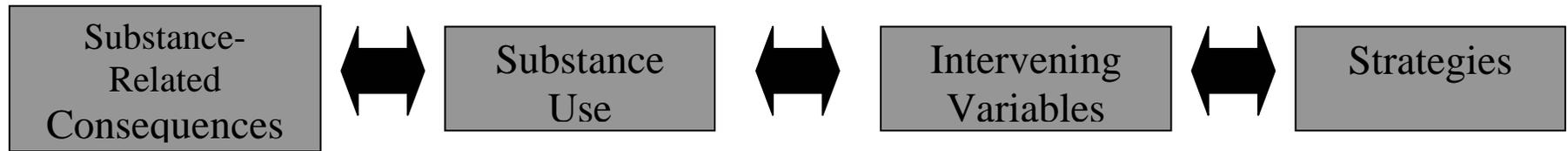


# SPF SIG Michigan Community Logic Model

## Reducing Alcohol-Related Traffic Crash Deaths in Michigan Communities

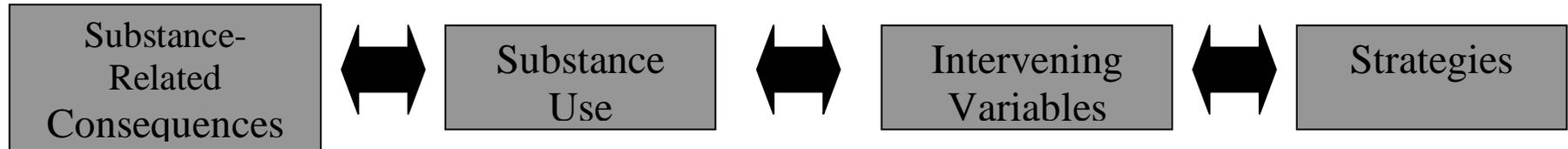
(Underage)



# SPF SIG Michigan Community Logic Model

## Reducing Alcohol-Related Traffic Crash Deaths in Michigan Communities

### (ADULTS)



<p><b>Alcohol – Related Traffic Crash Deaths</b></p>	<p style="text-align: center;"><b>Adult (Age 21 and older)</b></p> <ul style="list-style-type: none"> <li>• <b>Binge Drinking</b></li> <li>• <b>Drinking and Driving</b></li> <li>• <b>Driving While Impaired/ Intoxicated</b> (interaction between alcohol and licit and/or illicit drugs)</li> <li>• <b>Riding with Impaired Driver</b></li> <li>• <b>Pedestrian Drinking</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Economic Availability</b> – price, unlicensed sales, drink specials</li> <li>• <b>Retail Availability</b> – responsible and accountable retailers, location, responsible beverage services, outlet densities, hours and days of retail sale, size of container/serving size, product display placement in retail stores</li> <li>• <b>Social Availability</b> – happy hours, festivals, graduations, weddings, funerals, seasonal recreational activities (e.g. hunting, snowmobiling, boating), office parties, sporting events, concerts, social and cultural events, private residences, unlicensed events</li> <li>• <b>Enforcement and Adjudication</b>—enforcement, perceived enforcement, consequences, perceived consequences, Social Host liability</li> <li>• <b>Promotion</b> – variety of advertising, frequency of advertising, dollar drink nights/drink specials, targeted promotions and products, location, sporting events, glamorization of drinking in media</li> <li>• <b>Social Norm</b> –family, community and cultural history; neighborhood stability and attachment, perceived peer pressure, seasonal recreational activity (e.g. hunting, snowmobiling, boating)</li> <li>• <b>Mediating resources</b> – alternative transportation, substance abuse treatment availability, prevention and effective early intervention services</li> <li>• <b>Law and Policies</b>—state and local ordinances, community policies, campus policies, workplace policies, probation/parole requirement, Social Host liability</li> </ul>	<p><b>TBD</b></p>
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Strategic Prevention Framework / State Incentive Grant (SPF/SIG)  
**LOGIC MODEL COMPANION PIECE**

The following forms are intended to assist you in linking your data collection and analysis **directly** to the state problem, ***Alcohol-Related Traffic Crash Deaths (ARTCD)***, which you are required to address locally. Your Coordinating Agency (CA) has additional information and forms provided in [A Guide for Michigan Communities](#), in January 2007.

Working in a public health model format, the focus is on *effecting* “population change”, rather than *affecting* an individual’s behavior. The State Epidemiological Workgroup (SEW) recognized that although the consequences, use patterns, and intervening variables seemed the same for both adult and underage populations, the contributing/causal factors and potential strategies were not.

State level SPF/SIG workgroups have already completed and approved the first three columns of two logic models, “adult” and “underage”, giving you a guide from which to continue the work locally.

Each column entry has a research-based link back to the state problem, in terms of impact and/or its reduction.

The first column of each logic model **xxxx**

The third column of each logic model, “Intervening Variables”, includes the Intervening Variables (in bold), with accompanying Contributing/Causal Factors listed. These contributing factors directly relate to Risk and Protective Factors that may exist in the state within local communities. They are purposely listed in generic terms to allow your community to collect and analyze data in order to determine if these are protective and/or risk factors, in terms of alcohol-related traffic crash deaths.

## **DATA RESOURCES RELATED TO:**

Column One of the Logic Models: “Substance Related Consequences”

### **Alcohol Related Traffic Crash Deaths (ARTCDs):**

The ODCP Prevention Section, the SPF/SIG State Epidemiology Workgroup and the Office of Highway Traffic Safety Planning have worked to simplify your access to useful data regarding the state priority problem. Please note the following compiled resources and regularly visit the ODCP web site for any updates.

#### **A. Available on the CD entitled, “Traffic Crash Data for SPF-SIG CEWs”, provided to Coordinating Agencies by the Office of Highway Safety Planning (OHSP), May 14, 2007:**

1. Folder marked “Crash Data Queries” includes:
  - a. 2000-2006 Alcohol Impaired Drivers in crashes with local data
  - b. 2000-2006 Alcohol Involved Crashes with local data
  - c. 2000-2006 Persons Involved in Alcohol Crashes
  - d. 2000-2006 Units Involved in Alcohol Crashes
  - e. Disclaimers regarding data usage
  - f. SPF-SIG CEW 2000-2005 Statewide totals of Alcohol Impaired Crashes, Underage Drinking Crashes, Impaired Pedestrians and Bikers and Numbers of Fatalities
  - g. SPF-SIG CEW Alcohol County Tables: A spreadsheet query tool where you can enter specific counties to find every fatal crash involving alcohol
  - h. Traffic Crash Reporting System (TCRS) Dictionary
  - i. TCRS Dictionary Codes
2. “Societal Costs of Traffic Crashes and Crime in Michigan-2006 Update”, University of Michigan Transportation Research Institute (UMTR), Lidia J. Kostyniuk, Linda L. Miller, Lisa P. Mulnar, Adam D. Nation
3. “UD-10 Crash Form”, State of Michigan Traffic Crash Report Form
4. “UD-10 Traffic Crash Form Manual – Michigan State Police”
5. 2000-2005 Michigan Traffic Crash Facts, both state and county/community levels
6. 2001-2005 Michigan Drunk Driving Audits, with additional Conviction Data on the local level
7. The Fatality Analysis Reporting System (FARS) Web-Based Encyclopedia with information on every fatal crash in the country back to 1994
8. General Services Administration Geographic Codes to use with FARS queries
9. FARS County Codes to use with FARS queries
10. Web Site Links to:
  - a. FARS: <http://www-fars.nhtsa.dot.gov/>
  - b. Michigan State Police, Drunk Driving Audit: [http://www.michigan.gov/msp/0,1607,7-123-1593\\_3504-27728--,00.html](http://www.michigan.gov/msp/0,1607,7-123-1593_3504-27728--,00.html)
  - c. OHSP, 2005 Michigan Traffic Crash Facts: <http://www.michigantrafficcrashfacts.org/>
  - d. National Highway Transportation Safety Administration (NHTSA), National Center for Statistics and Analysis (NCSA): <http://www.nhtsa.dot.gov/portal/site/nhtsa/menuitem.a0bd5d5a23d09ec24ec86e10dba046a0/>

- e. Michigan State Police (MSP), Office of Highway Safety Planning (OHSP): [http://www.michigan.gov/msp/0,1607,7-123-1593\\_3504---,00.html](http://www.michigan.gov/msp/0,1607,7-123-1593_3504---,00.html)
- f. Michigan State Police (MSP), Traffic Crash Reporting System (TCRS): [http://mdotwas1.mdot.state.mi.us/crash/crash\\_login/welcome.jsp](http://mdotwas1.mdot.state.mi.us/crash/crash_login/welcome.jsp)

Updated county level mapping tool availability as of September 2007: To give a quick example of how this could be used:

1. <http://www.michigantrafficcrashfacts.org/>
2. Click on "Data Query Tool" on the left
3. Leave year as "2006"
4. Leave analysis level as "Crash"
5. Do not set any analysis variables (you do not need them for maps)
6. Set geographic filter to "County" and then click the counties in your CA (hold Ctrl while clicking to select multiple)
7. Other Filters: "Flag: Drinking Operator"; add filter and select "This crash involved..."
8. Choose a Filter to Add: "Worst Injury in Accident"; add filter and Ctrl-click "Fatal" and "A"
9. Hit the CREATE MAP link

**Questions regarding the use of data from the CD may be directed to:** Piétro Semifero, Office of Highway Safety Planning, 4000 Collins Road, PO Box 30633, Lansing, Michigan 48909-8133, (517) 333-5320, Fax: (517) 333-5756, SemiferP@michigan.gov.

**B. Additionally, the latest data resources are regularly updated on the Office of Drug Control Policy's Web Site:**  
<http://www.michigan.gov> >State Web Sites>Community Health>Mental Health and Substance Abuse>Drug Control and Substance Abuse>Prevention>SPF SIG

1. "Available Data Sources for Community Needs Assessment/ SPF-SIG" at <http://www.michigan.gov>, specifically found at: [http://www.michigan.gov/documents/mdch/Data\\_Sources\\_for\\_Community\\_Needs\\_Assessment\\_Final\\_4\\_9\\_07\\_192812\\_7.pdf](http://www.michigan.gov/documents/mdch/Data_Sources_for_Community_Needs_Assessment_Final_4_9_07_192812_7.pdf) .
2. "Alcohol Related Traffic Crash Deaths by CA Regions and County", which also includes census estimates, Alcohol Use in Past Month and Binge Alcohol Use in Past Month at <http://www.michigan.gov> , specifically found at: [http://www.michigan.gov/documents/mdch/Alcohol\\_Related\\_Traffic\\_Crash\\_Deaths\\_by\\_CA\\_regions\\_and\\_County\\_-\\_Rev\\_4.9.07\\_192733\\_7.pdf](http://www.michigan.gov/documents/mdch/Alcohol_Related_Traffic_Crash_Deaths_by_CA_regions_and_County_-_Rev_4.9.07_192733_7.pdf) .

**Questions regarding the data included on the state web site may be directed to:** Beth E. Anderson, MDCH/ODCP, SPF-SIG Epidemiologist, Lewis Cass Building, 5<sup>th</sup> Floor, 320 S. Walnut St., Lansing, Michigan 48913, (517) 373-1716, Fax: (517) 241-2611, AndersonB@michigan.gov.

**DATA RESOURCES RELATED TO:**

Column Two of the Logic Models: Substance Use Patterns:

**BINGE DRINKING:** Youth Risk Behavior Survey 2005 <http://www.michigan.gov/yrbs>; 2006 CDC: [http://www.cdc.gov/alcohol/quickstats/binge\\_drinking.htm](http://www.cdc.gov/alcohol/quickstats/binge_drinking.htm);

**DRINKING AND DRIVING:** refer to numerous resources on OHSP CD and ODCP website, as noted above

**DRIVING WHILE IMPAIRED/INTOXICATED:** same as above and Youth Risk Behavior Survey 2005 <http://www.michigan.gov/yrbs>

**RIDING WITH IMPAIRED DRIVER:** Youth Risk Behavior Survey 2005 <http://www.michigan.gov/yrbs>

**PEDESTRIAN DRINKING:** Underage Drinking Patterns in MI: <http://www.udetc.org/factsheets/Michigan.pdf>

Strategic Prevention Framework / State Incentive Grant (SPF/SIG)  
**LOGIC MODEL COMPANION PIECE**

<b>INTERVENING VARIABLES and Definitions</b>	<b>POTENTIAL CONTRIBUTING/CAUSAL FACTORS</b> Decide which ones are actively affecting the Intervening Variables in your community. Be sure to treat Underage and Adult factors separately, although some are listed together in this chart. Once you collect and analyze your data, determine which contributing factors are “protective” factors, “risk” factors, as well as any “data gaps”.
<b>Economic Availability</b>  The dollar amount that must be paid to obtain ATODs.	Underage & Adult: <ol style="list-style-type: none"> <li>1. <a href="#">Price</a></li> <li>2. <a href="#">Unlicensed sales</a></li> <li>3. <a href="#">Drink specials</a></li> </ol> Underage only: <ol style="list-style-type: none"> <li>4. <a href="#">Internet sales</a></li> </ol>
<b>Retail Availability</b>  The accessibility of ATODs and associated paraphernalia from retail sources.	Underage & Adult: <ol style="list-style-type: none"> <li>1. <a href="#">Retailer responsibility/accountability</a></li> <li>2. <a href="#">Location</a></li> <li>3. <a href="#">Responsible beverage services</a></li> <li>4. <a href="#">Outlet densities</a></li> <li>5. <a href="#">Hours and days of retail sale</a></li> <li>6. <a href="#">Container/serving size</a></li> </ol> Adult: <ol style="list-style-type: none"> <li>7. <a href="#">Retail store product display placement</a></li> </ol> Underage: <ol style="list-style-type: none"> <li>8. <a href="#">Retail store security and product display placement.</a></li> </ol>
<b>Social Availability</b>  Obtaining ATODs through social sources, like friends, family, and relatives and their residences. Also includes variety of social, sporting, entertainment, recreational and cultural events, practices and activities.	Underage & Adult: <ol style="list-style-type: none"> <li>1. <a href="#">Festivals, sporting events, concerts, social and cultural events</a> <a href="#">Graduations, weddings, funerals, office parties</a></li> <li>2. <a href="#">Seasonal recreational activities (e.g. hunting, snowmobiling, boating)</a></li> <li>3. <a href="#">Private residences, unlicensed parties</a></li> </ol> Adult: <ol style="list-style-type: none"> <li>4. <a href="#">Happy hours</a></li> </ol> Underage: <ol style="list-style-type: none"> <li>5. <a href="#">Parental supervision/network</a></li> </ol>

<p><b>INTERVENING VARIABLES and Definitions</b></p>	<p><b>POTENTIAL CONTRIBUTING/CAUSAL FACTORS</b>  Decide which ones are actively affecting the Intervening Variables in your community. Be sure to treat Underage and Adult factors separately, although some are listed together in this chart. Once you collect and analyze your data, determine which contributing factors are “protective” factors, “risk” factors, as well as any “data gaps”.</p>
<p><b>Enforcement and Adjudication</b></p> <p>Includes the enforcement of the rules, laws, and policies surrounding substance abuse and its consequences, as well as the public perception of such and, how likely people are to believe they will get caught and receive consequences for violations.</p>	<p>Underage &amp; Adult:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Enforcement</a></li> <li>2. <a href="#">Perceived enforcement</a></li> <li>3. <a href="#">Consequences</a></li> <li>4. <a href="#">Perceived Consequences</a></li> <li>5. <a href="#">Social Host Liability</a></li> <li>6. <a href="#">Enforcement by educational institutions</a></li> <li>7. <a href="#">Adult providers</a></li> </ol>
<p><b>Promotion</b></p> <p>Attempts to increase the attractiveness, sales, and use of ATOD. It can include precisely targeted advertising and other media representing excessive, illegal and/or unsafe use, as well as sponsorship of events that do so.</p>	<p>Underage &amp; Adult:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Variety of advertising</a></li> <li>2. <a href="#">Frequency of advertising</a></li> <li>3. <a href="#">Targeted promotion and products</a></li> <li>4. <a href="#">Location</a></li> <li>5. <a href="#">Glamorization of drinking in media</a></li> <li>6. <a href="#">Sporting events</a></li> <li>7. <a href="#">Drink specials</a></li> </ol> <p>Underage:</p> <ol style="list-style-type: none"> <li>8. <a href="#">Product placement in youth oriented media.</a></li> </ol>

Strategic Prevention Framework / State Incentive Grant (SPF/SIG)

**LOGIC MODEL COMPANION PIECE**

<p><b>INTERVENING VARIABLES and Definitions</b></p>	<p><b>POTENTIAL CONTRIBUTING/CAUSAL FACTORS</b> Decide which ones are actively affecting the Intervening Variables in your community. Be sure to treat Underage and Adult factors separately, although some are listed together in this chart. Once you collect and analyze your data, determine which contributing factors are “protective” factors, “risk” factors, as well as any “data gaps”.</p>
<p><b>Social Norm</b>  Informal expectations, standards, attitudes or values re: the acceptability or unacceptability of certain behaviors, including substance use, associated with the perception of family, community, cultural and peer attitudes and behaviors.</p>	<p>Underage &amp; Adult:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Family, community, &amp; cultural history</a></li> <li>2. <a href="#">Neighborhood stability &amp; attachment</a></li> <li>3. <a href="#">Perceived peer pressure</a></li> <li>4. <a href="#">Seasonal recreational activity (e.g. hunting, snowmobiling, boating)</a></li> </ol> <p>Underage:</p> <ol style="list-style-type: none"> <li>5. <a href="#">Rite of passage</a></li> <li>6. <a href="#">Age of first use</a></li> <li>7. <a href="#">Internet</a></li> <li>8. <a href="#">Parental approval of social drinking by underage youth</a></li> </ol>
<p><b>Mediating Resources</b>  Other situations within the community which may affect intervening variables, negatively or positively, e.g. recent crash deaths receiving media attention; national or state campaigns re: underage drinking...</p>	<p>Underage &amp; Adult:</p> <ol style="list-style-type: none"> <li>1. <a href="#">Alternative transportation</a></li> <li>2. <a href="#">Prevention &amp; effective early intervention</a></li> </ol> <p>Adult:</p> <ol style="list-style-type: none"> <li>3. <a href="#">Substance abuse treatment availability</a></li> </ol> <p>Underage:</p> <ol style="list-style-type: none"> <li>4. <a href="#">Youth specific SA treatment availability</a></li> <li>5. <a href="#">ATOD education</a></li> </ol>
<p><b>Laws and Policies</b>  Formal legislation, rules, policies, procedural guidelines, MOUs, or codes of conduct which relate to any of the other variables.</p>	<p>Underage &amp; Adult:</p> <ol style="list-style-type: none"> <li>1. <a href="#">State and Local Ordinances</a></li> </ol> <p>Adult:</p> <ol style="list-style-type: none"> <li>2. <a href="#">Community Policies</a></li> <li>3. <a href="#">Campus Policies</a></li> <li>4. <a href="#">Workplace Policies</a></li> <li>5. <a href="#">Probation/parole requirements</a></li> <li>6. <a href="#">Social Host liability</a></li> </ol> <p>Underage:</p> <ol style="list-style-type: none"> <li>7. <a href="#">School Policies</a></li> </ol>

Strategic Prevention Framework / State Incentive Grant (SPF/SIG)  
**LOGIC MODEL COMPANION PIECE**

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
<b>ECONOMIC AVAILABILITY</b>				
<b>Price</b>  Higher prices are associated with lower use of ATODs.	All			
	Adult Only			
	Underage Only			MCRUD Community Mapping Tools: <a href="http://www.mcrud.org/AAM 2007/program ideas/community mapping without surveys.pdf">http://www.mcrud.org/AAM 2007/program ideas/community mapping without surveys.pdf</a> and forms: <a href="http://www.mcrud.org/AAM 2007/program ideas/community mapping surveys only without descripton.pdf">http://www.mcrud.org/AAM 2007/program ideas/community mapping surveys only without descripton.pdf</a>
<b>Unlicensed Sales</b>	All			County, City, Township Governments
	Adult Only			
	Underage Only			
<b>Drink Specials</b>	All		MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> > Happy Hour,	
	Adult Only			

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
	Underage Only			MCRUD Community Mapping Tools: <a href="http://www.mcrud.org/AAM 2007/program ideas/community mapping without surveys.pdf">http://www.mcrud.org/AAM 2007/program ideas/community mapping without surveys.pdf</a> and forms: <a href="http://www.mcrud.org/AAM 2007/program ideas/community mapping surveys only without descripton.pdf">http://www.mcrud.org/AAM 2007/program ideas/community mapping surveys only without descripton.pdf</a>
<b>Internet Sales</b>	Underage Only			

Strategic Prevention Framework / State Incentive Grant (SPF/SIG)

**LOGIC MODEL COMPANION PIECE**

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
<b>RETAIL AVAILABILITY</b>				
<b>Retailer Responsibility/ Accountability</b>	All		1. <a href="http://www.michigan.gov/documents/cis_lcc_saletominor_149392_7.pdf">http://www.michigan.gov/documents/cis_lcc_saletominor_149392_7.pdf</a> 2. DLEG, State Office of Administrative Hearings and Rules (governing liquor licensees) <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=</a>	County, City, Township governments
	Adult Only			
	Underage Only		1. <a href="http://www.michigan.gov/documents/cis_lcc_saletominor_149392_7.pdf">http://www.michigan.gov/documents/cis_lcc_saletominor_149392_7.pdf</a> 2. Rule R.436.1009 Minors <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=</a> 3. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
<b>Location</b>	All		DLEG, State Office of Administrative Hearings and Rules (governing liquor licensees) <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=</a>	
	Adult Only			
	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>  See link to mapping info and tool	Community mapping and liquor licensees; then relate density with geographic placement of schools, parks, other places frequented by youth, etc

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
<b>Responsible Beverage Services</b>  <b>Michigan Licensed Beverage Association does the TAM trainings, I don't know if they can serve in a data collecting capacity for anything...</b>	All	NIAAA-APIS Beverage server training, etc... <a href="http://alcoholpolicy.niaaa.nih.gov/index.asp?SEC={BBCD6870-F2E3-4D6B-9FC2-9C77758310B1}&amp;Type=BAS_APIS">http://alcoholpolicy.niaaa.nih.gov/index.asp?SEC={BBCD6870-F2E3-4D6B-9FC2-9C77758310B1}&amp;Type=BAS_APIS</a>	1. MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> > mandatory server training 2. <a href="http://www.michigan.gov/documents/cis_lcc_saletominor_149392_7.pdf">http://www.michigan.gov/documents/cis_lcc_saletominor_149392_7.pdf</a>	Check locally for those who use: TAM, TIPS, or Serving Alcohol Responsibly Training Programs for owners, servers.
	Adult Only			
	Underage Only	<a href="http://alcoholpolicy.niaaa.nih.gov/underage">http://alcoholpolicy.niaaa.nih.gov/underage</a>  PIRE: illegal sales related to youth use and binge drinking <a href="http://www.pire.org/detail2.asp?core=11190&amp;cms=48">http://www.pire.org/detail2.asp?core=11190&amp;cms=48</a>	MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	Liquor Control Commission (LCC) violation of sales to minors <a href="http://www.michigan.gov/cis/0,1607,7-154-10570_12905---,00.html">http://www.michigan.gov/cis/0,1607,7-154-10570_12905---,00.html</a> (>Active or Escrowed License Query>choose county)
<b>Outlet Densities</b>	All		Liquor licensees: Liquor Control Commission (LCC) <a href="http://www.michigan.gov/cis/0,1607,7-154-10570_15039---,00.html">http://www.michigan.gov/cis/0,1607,7-154-10570_15039---,00.html</a> (>licensing lists)	1.Community mapping: one source is HAY Community Mapping tool: <a href="http://haygis.esri.com/HAY/index.html">http://haygis.esri.com/HAY/index.html</a> 2.Liquor licensees: Liquor Control Commission (LCC) <a href="http://www.michigan.gov/cis/0,1607,7-154-10570_15039---,00.html">http://www.michigan.gov/cis/0,1607,7-154-10570_15039---,00.html</a> (>licensing lists)
	Adult Only			Use above processes, discover "hot spots", and relate density with income level, cultural diversity, etc...
	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	Use above processes and relate density with geographic placement of schools, parks, other places frequented by youth, etc...
<b>Hours and Days of Retail Sale</b>	All		<a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=43601001&amp;Dpt=LG&amp;RngHigh=</a>	County, City, Township governments
	Adult Only			
	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
<b>Container/Serving Size</b>	All		Rules regarding size: <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=44500001&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;AdminNum=44500001&amp;Dpt=LG&amp;RngHigh=</a>	County, City, Township governments

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
	Adult Only			
	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
<b>Retail Store Product Display Placement</b>	Adult Only		Rules regarding signage and advertising: <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh=</a>	MCRUD mapping link and mapping tool: <a href="http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20without%20descripton.pdf">http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20without%20descripton.pdf</a>
<b>Retail Store Security and Product Display Placement</b>	Underage Only		Rules regarding signage and advertising: <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh=</a> MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	1. Community mapping of product placement: easy shoplifting access; eye level with youth; placed with youth items; appropriate placement of required signage; store policy, staff orientation and procedures; Liquor Control Commission (LCC) violation of sales to minors <a href="http://www.michigan.gov/cis/0,1607,7-154-10570_12905---,00.html">http://www.michigan.gov/cis/0,1607,7-154-10570_12905---,00.html</a> (>Active or Escrowed License Query>choose county); etc...  2. MCRUD mapping link and mapping tool: <a href="http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20without%20descripton.pdf">http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20without%20descripton.pdf</a>

Strategic Prevention Framework / State Incentive Grant (SPF/SIG)

**LOGIC MODEL COMPANION PIECE**

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
<b>SOCIAL AVAILABILITY</b>				
Festivals, Sporting Events, Concerts, Social and Cultural Events	All		Rules for Off Premise liquor licenses: <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601501&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601501&amp;Dpt=LG&amp;RngHigh=</a>	1. Local governing bodies. 2. Visit local point of approval and licensing for each of these, and/or contact the organizers / venues, etc... for procedures and policy.
	Adult Only			
	Underage Only			
Graduations, Weddings, Funerals, Office Parties Seasonal Recreational Activities (e.g. hunting, snowmobiling, boating)	All		Michigan Department of Natural Resources analyzes snowmobile and ORV crash data.	
	Adult Only			
	Underage Only		MADD <a href="http://www.madd.org/Laws/law/?LawID=YSELL">http://www.madd.org/Laws/law/?LawID=YSELL</a>	
Private Residences, Unlicensed Parties	All	NIAAA/NIH Furnishing alcohol to minors <a href="http://alcoholpolicy.niaaa.nih.gov/index.asp?SEC=(B7EBF080-DB1F-4092-9897-E3F083BB3076)&amp;Type=BAS_APIS">http://alcoholpolicy.niaaa.nih.gov/index.asp?SEC=(B7EBF080-DB1F-4092-9897-E3F083BB3076)&amp;Type=BAS_APIS</a>	MADD <a href="http://www.madd.org/Laws/law/?LawID=YSELL">http://www.madd.org/Laws/law/?LawID=YSELL</a>	
Happy Hours	Adult Only		MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> > Happy Hour Laws	
Parental Supervision/ Network	Underage Only		1. Graduated Driver Licensing Law Sec. of State 2. Parenting Awareness Michigan with Prevention Network <a href="http://www.preventionnetwork.org">http://www.preventionnetwork.org</a>	

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POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
ENFORCEMENT/ ADJUDICATION				
Enforcement	All	Insurance Institute for Highway Safety - Status Report <a href="http://www.iihs.org/sr/pdfs/sr4004.pdf">http://www.iihs.org/sr/pdfs/sr4004.pdf</a>	MTCF <a href="http://www.michigantrafficcrashfacts.org/">http://www.michigantrafficcrashfacts.org/</a> MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a>	<a href="http://www.michigantrafficcrashfacts.org/doc/2006/countyalc.pdf">http://www.michigantrafficcrashfacts.org/doc/2006/countyalc.pdf</a>
	Adult Only			
	Underage Only	PIRE: enforcement linked to reduced youth use and binge drinking <a href="http://www.pire.org/detail2.asp?core=11190&amp;cms=48">http://www.pire.org/detail2.asp?core=11190&amp;cms=48</a>	MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a>	1. local courts 2. local agency that is doing MIP classes 3. availability of “MIP Classes” for court referrals
Perceived Enforcement	All		OHSP <a href="http://www.michigan.gov/ohsp/">http://www.michigan.gov/ohsp/</a>	<b>OHSP Contact for finding local information:</b> Dianne Perukel Youth Programs Coordinator Office of Highway Safety Planning Michigan State Police 4000 Collins Rd., P.O. Box 30633 Lansing, MI 48909-8133 Phone: (517) 333-5337 Fax: (517) 333-5756 perukeld@michigan.gov <a href="http://www.michigan.gov/ohsp">www.michigan.gov/ohsp</a>
	Adult Only		NCADI re: workplace: <a href="http://oas.samhsa.gov/work2k7/toc.cfm">http://oas.samhsa.gov/work2k7/toc.cfm</a>	
	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	1. local agency that is doing MIP classes  2. Survey the kids in these classes on how many times they can get away with it before they think they will get another MIP...
Consequences	All		Michigan Drunk Driving Audit <a href="http://www.michigan.gov/msp/0,1607,7-123-1593_3504-27728--,00.html">http://www.michigan.gov/msp/0,1607,7-123-1593_3504-27728--,00.html</a>	1. Conviction Disposition Data within MDDA, Section II, (by city, by judge), gives idea of types of consequences afforded but heed cautions in the introduction, and on page 185, regarding use of data. 2. MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> gives information about consequences relating to alcohol related offenses
	Adult Only		MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a>	

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
	Underage Only		MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
Perceived Consequences	All	<a href="http://www.udetc.org">http://www.udetc.org</a>		
	Adult Only	NCADI re: workplace: <a href="http://oas.samhsa.gov/work2k7/toc.cfm">http://oas.samhsa.gov/work2k7/toc.cfm</a>	<a href="http://www.oas.samhsa.gov/2k5State/Michigan.htm#Fig3.5">http://www.oas.samhsa.gov/2k5State/Michigan.htm#Fig3.5</a> > alcohol charts indicate perceived risk category NCADI re: workplace : <a href="http://oas.samhsa.gov/work2k7/toc.cfm">http://oas.samhsa.gov/work2k7/toc.cfm</a>	
	Underage Only		1. <a href="http://www.oas.samhsa.gov/2k5State/Michigan.htm#Fig3.5">http://www.oas.samhsa.gov/2k5State/Michigan.htm#Fig3.5</a> > alcohol charts indicate perceived risk category 2. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	

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POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
ENFORCEMENT/ ADJUDICATION continued:	All		MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a>	1. Local Law Enforcement 2. Pubiic Court Records
Social Host Liability	Adult Only			
	Underage Only		1. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a> 2. MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a>	
Enforcement By Educational Institutions	Underage Only	Rules and regulations regarding mandatory policies required under the Drug Free Schools and Communities Act, and Drug-Free Schools and Campuses Regulations for any Institution of Higher Learning (IHE) receiving any federal monies. Includes enforcement. <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	Rules and regulations regarding mandatory policies required under the Drug Free Schools and Communities Act for any IHE receiving any federal monies. Includes enforcement. <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	1. Local or Intermediate School Districts or School Boards 2. Local Colleges
Adult Providers of Alcohol	Underage Only		1. MADD <a href="http://www.madd.org/Laws/law/?LawID=YSELL">http://www.madd.org/Laws/law/?LawID=YSELL</a> 2. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a> 3. MSP Source Investigations funded by OHSP, D. Perukel, <a href="mailto:perukeld@michigan.gov">perukeld@michigan.gov</a>	1. Local law enforcement 2. MSP Source Investigations funded by OHSP, D. Perukel, <a href="mailto:perukeld@michigan.gov">perukeld@michigan.gov</a>

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**LOGIC MODEL COMPANION PIECE**

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
PROMOTION		CAMY's Fact Sheet of July 30, 2007 uses excerpts from the Surgeon General's Call to ...to address UAD promotion issues. This section uses CAMY to cover the Surgeon General's Report in a way that is user-friendly to this grid.		
Variety of Advertising	All			
	Adult Only			
	Underage Only	The Center on Alcohol Marketing and Youth at Georgetown University has fact sheets about Alcohol Industry Marketing Tactics <a href="http://www.camy.org">http://www.camy.org</a>	MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a> >program ideas>mapping	MCRUD mapping link and mapping tool: <a href="http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf">http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf</a>
Frequency of Advertising	All	Arbitron free studies of radio listening trends, etc... <a href="http://www.arbitron.com/home/content.stm">http://www.arbitron.com/home/content.stm</a>		
	Adult Only			
	Underage Only	The Center on Alcohol Marketing and Youth at Georgetown University has site to address specific magazine titles: <a href="http://www.camy.org">http://www.camy.org</a>	MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	MCRUD mapping link and mapping tool: <a href="http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf">http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf</a>
Targeted Promotion and Products	All		Rules regarding signage and advertising: <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh</a>	
	Adult Only			
	Underage Only	JTO Direct  CAMY: Promotion on TV compared to prevention ads: <a href="http://www.camy.org">www.camy.org</a>	MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	MCRUD mapping link and mapping tool: <a href="http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf">http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf</a>
Location	All	HAY Community Mapping tool: <a href="http://haygis.esri.com/HAY/index.html">http://haygis.esri.com/HAY/index.html</a> Location in print media, listed by magazine name: <a href="http://www.camy.org">www.camy.org</a>	1. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a> 2. Rules regarding signage and advertising: <a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601301&amp;Dpt=LG&amp;RngHigh</a>	HAY Community Mapping tool: <a href="http://haygis.esri.com/HAY/index.html">http://haygis.esri.com/HAY/index.html</a>  Scan of local newspaper advertising over a three or four week span

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
	Adult Only Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	MCRUD mapping link and mapping tool: <a href="http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf">http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf</a>
Glamorization of Drinking in Media	All	CASA film ratings system: <a href="http://www.filmratings.com/">http://www.filmratings.com/</a>	MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
	Adult Only			
	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
Sporting Events	All			
	Adult Only			
	Underage Only			
Drink Specials	Adult Only		MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> >Michigan>Happy Hour Law	MCRUD mapping link and mapping tool: <a href="http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf">http://www.mcrud.org/AAM%202007/program%20ideas/community%20mapping%20surveys%20only%20with%20descripton.pdf</a>
Product Placement in Youth Oriented Media.	Underage Only	CAMY links to alcohol ads in magazines: <a href="http://www.camy.org">http://www.camy.org</a> CDC: <a href="http://www.cdc.gov/od/oc/media/mwrnews/2007/n070802.htm#3">http://www.cdc.gov/od/oc/media/mwrnews/2007/n070802.htm#3</a>	MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
SOCIAL NORM				
Family, Community, & Cultural History	All	Workplace use by demographic and geographic: <a href="http://oas.samhsa.gov/work2k7/work.htm#2.3">http://oas.samhsa.gov/work2k7/work.htm#2.3</a>	1. Community: 2002 Social Indicators Report <a href="http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf">http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf</a> 2. American Community Survey 2005-6: <a href="http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&amp;_submenuId=&amp;_lang=en&amp;_ts=">http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&amp;_submenuId=&amp;_lang=en&amp;_ts=</a>	1. Community: 2002 Prevention Needs Assessment Profile by County within Social Indicators Report. Data is old, but may be useful for trend data comparison. Resources used for data are on pages 38-43. Note data limitations on page 38 and data use recommendations on pages 23, 27, and 33. <a href="http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf">http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf</a> 2. 2000 County Census Data, <a href="http://www.factfinder.census.gov">http://www.factfinder.census.gov</a> 3. Local Cultural Entities: Enlist their aid in any data collection and analysis to be sure you are operating with cultural competency.
	Adult Only	Under "All"	Under "All"	

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
	Underage Only	Under "All"	1. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a> 2. Under "All"	Kids Count in Michigan Data Book 2006; MLHS: <a href="http://www.milhs.org/information/default.asp?NavPageID=50097#i_211649">http://www.milhs.org/information/default.asp?NavPageID=50097#i_211649</a>
Neighborhood Stability & Attachment	All	American Community Surveys in yearly comparisons: <a href="http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&amp;_submenuid=&amp;_lang=en&amp;_ts=">http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ACS&amp;_submenuid=&amp;_lang=en&amp;_ts=</a>	1. 2002 Social Indicators Report <a href="http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf">http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf</a> 2. HAY Community Mapping tool: <a href="http://haygis.esri.com/HAY/index.html">http://haygis.esri.com/HAY/index.html</a> can map services, programs, socioeconomic info, population density, etc... 3. Prevention Network <a href="http://www.preventionnetwork.org">http://www.preventionnetwork.org</a>	1. Social Indicators Report: 2002 Prevention Needs Assessment Profile by County within Social Indicators Report. Data is old, but may be useful for trend data comparison. Resources used for data are on pages 38-43. Note data limitations on page 38 and data use recommendations on pages 23, 27, and 33. <a href="http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf">http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf</a> 2. Uniform Crime Statistics, Michigan State Police, by county : <a href="http://www.michigan.gov/msp/0,1607,7-123-1645_3501_4621-25744--,00.html">http://www.michigan.gov/msp/0,1607,7-123-1645_3501_4621-25744--,00.html</a>
	Adult Only	Under "All"	Under "All"	2002 Social Indicators Report by county: Lack of Civic Involvement (% of unregistered and non voters) and Community Transition and Mobility (% of residential units that are vacant or renter occupied and the rate of new residential building permits), population density (Census figures), and poverty and crime statistics. <a href="http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf">http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf</a>
	Underage Only	Under "All"	1. HAY Community Mapping tool: <a href="http://haygis.esri.com/HAY/index.html">http://haygis.esri.com/HAY/index.html</a> can map services, programs, socioeconomic info, population density, etc... 2. Under "All"	2002 Social Indicators Report,: % of youth in foster care, juvenile crime rates, domestic violence, etc..., which you can update. <a href="http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf">http://www.michigan.gov/documents/Social_Indicators_Report_53880_7.pdf</a>
Perceived Peer Pressure	All			
	Adult Only			
	Underage Only			
Seasonal Recreational Activity (e.g. hunting, snowmobiling, boating)	Adult Only			
	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
Rite of Passage	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
Age of first use	Underage Only	Youth Risk Behavior Surveillance System (YRBSS) <a href="http://www.apps.nccd.cdc.gov/yrbss/">http://www.apps.nccd.cdc.gov/yrbss/</a>	1. Youth Risk Behavior Survey 2005 <a href="http://www.michigan.gov/yrbss">http://www.michigan.gov/yrbss</a> 2. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	Youth Risk Behavior Survey 2005 <a href="http://www.michigan.gov/yrbss">http://www.michigan.gov/yrbss</a>
Internet	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	
Parental Approval of Social Drinking by Underage Youth	Underage Only		MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a> MADD <a href="http://www.madd.org/">http://www.madd.org/</a>	

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POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
MEDIATING RESOURCES				
Alternative Transportation	All			Bus routes near alcohol access and use areas; special designated driver services by taxis, others, etc...
	Adult Only			Same as above, but note perception of availability, promotion of services, etc...
	Underage Only			1. Same as above. 2. School/parent agreements/networks to call for ride home, rather than DUI or ride with impaired driver.
Prevention & Effective Early Intervention	All	College campus policy and regulation requirements under DFSC Act <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	Rules and regulations regarding mandatory policies required under the Drug Free Schools and Communities Act for any IHE receiving any federal monies. Includes requirements for prevention and early intervention services and the promotion thereof, for students and staff. <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	1. Coordinating Agency (CA), local college campuses 2. local referral information from OHSP
	Adult Only		Example: Michigan's successful Click It or Ticket program has definitely impacted traffic crash deaths. <a href="mailto:perukeld@michigan.gov">perukeld@michigan.gov</a> of OHSP	Coordinating Agency (CA)
	Underage Only			Coordinating Agency (CA), local college campuses
Substance Abuse Treatment Availability	Adult Only	1. Substance Abuse Treatment Locator <a href="http://findtreatment.samhsa.gov/">http://findtreatment.samhsa.gov/</a> 2. College campus policy and regulation requirements under DFSC Act <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a> 3. OAS Treatment Data: <a href="http://www.oas.samhsa.gov/quick.cfm#States">http://www.oas.samhsa.gov/quick.cfm#States</a> 4. N-SSATS National Survey of Substance Abuse Treatment Services/ DASIS: <a href="http://www.dasis.samhsa.gov/dasis2/index.htm">http://www.dasis.samhsa.gov/dasis2/index.htm</a> 5. NCADI re: workplace: <a href="http://oas.samhsa.gov/work2k7/toc.cfm">http://oas.samhsa.gov/work2k7/toc.cfm</a>	1. Rules and regulations regarding mandatory policies required under the Drug Free Schools and Communities Act for any IHE receiving any federal monies. Includes provision and promotion of treatment services for students and staff. <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a> 2. MDCH Treatment <a href="http://www.michigan.gov/mdch/0,1607,7-132-2941_4871_4877---,00.html">http://www.michigan.gov/mdch/0,1607,7-132-2941_4871_4877---,00.html</a> 3. <a href="http://www.oas.samhsa.gov/2k5State/Michigan.htm#Fig3.5">http://www.oas.samhsa.gov/2k5State/Michigan.htm#Fig3.5</a> > alcohol charts 2005 info current as of 04/07, shows treatment gaps 4. OAS Treatment Data, can do queries of MI: <a href="http://www.oas.samhsa.gov/quick.cfm#States">http://www.oas.samhsa.gov/quick.cfm#States</a> 5. N-SSATS National Survey of Substance Abuse Treatment Services MI 2005: <a href="http://www.dasis.samhsa.gov/webt/state_data/MI05.pdf">http://www.dasis.samhsa.gov/webt/state_data/MI05.pdf</a>	1. Yellow Pages for perception of availability 2. Coordinating Agency (CA) 3. Local college campuses; Orientation packets

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
Youth Specific SA Treatment Availability	Underage Only	1. Substance Abuse Treatment Locator <a href="http://findtreatment.samhsa.gov/">http://findtreatment.samhsa.gov/</a> 2. College campus policy and regulation requirements under DFSC Act <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	Rules and regulations regarding mandatory policies required under the Drug Free Schools and Communities Act for any IHE receiving any federal monies. Includes provision and promotion of treatment service opportunities. <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	1. Yellow Pages for perception of availability 2. Coordinating Agency (CA) 3. Local college campuses 4. Availability of MIP classes/Alternatives to Suspension...
ATOD Education	Underage Only		1. MDCH Binge Drinking-Campus Alcohol Initiative <a href="http://www.michigan.gov/mdch/0,1607,7-132-2941_4871_29888-88789--,00.html">http://www.michigan.gov/mdch/0,1607,7-132-2941_4871_29888-88789--,00.html</a> 2. Michigan Model -	1. Coordinating Agency (CA) can list local providers. 2. Intermediate and Local School Districts
<b>LAWS AND POLICIES</b>				
State and Local Ordinances	All	1. MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> 2. CASA film ratings system: <a href="http://www.filmratings.com/">http://www.filmratings.com/</a>	1. MI Liquor Control Code of 1998 <a href="http://www.legislature.mi.gov/(S(3xsudl33ifrbv3ydokbfazrc))/mileg.aspx?page=getobject&amp;objectname=mcl-act-58-of-1998">http://www.legislature.mi.gov/(S(3xsudl33ifrbv3ydokbfazrc))/mileg.aspx?page=getobject&amp;objectname=mcl-act-58-of-1998</a> 2. MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> provides categorized links to MI legislation related to alcohol. From comparison to national/international law, also lists what laws MI does not have. 3. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	1. MADDs law categories provide some direction for seeking local information. 2.
	Adult Only		SAME as above	
	Underage Only	APIS: Comparison of States Underage Drinking Laws <a href="http://alcoholpolicy.niaaa.nih.gov/stateprofiles/StateProfile.asp">http://alcoholpolicy.niaaa.nih.gov/stateprofiles/StateProfile.asp</a>	1. SAME as above 2. APIS: MI Underage Drinking Laws <a href="http://alcoholpolicy.niaaa.nih.gov/stateprofiles/StateProfile.asp">http://alcoholpolicy.niaaa.nih.gov/stateprofiles/StateProfile.asp</a>	
Community Policies	Adult Only		Prevention Network <a href="http://www.preventionnetwork.org">http://www.preventionnetwork.org</a>	County, city and township government
Campus Policies	Adult Only	1. General Campus/US Department of Education: <a href="http://www.higheredcenter.org/">http://www.higheredcenter.org/</a> 2. College campus policy and regulation requirements under DFSC Act for campus, students, and staff <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	1. Prevention Network Campus Programs <a href="http://www.preventionnetwork.org/campus%20homepage.htm">http://www.preventionnetwork.org/campus%20homepage.htm</a> 2. MDCH Binge Drinking-Campus Alcohol Initiative <a href="http://www.michigan.gov/mdch/0,1607,7-132-2941_4871_29888-88789--,00.html">http://www.michigan.gov/mdch/0,1607,7-132-2941_4871_29888-88789--,00.html</a> College campus policy and regulation requirements under DFSC Act for campus, students, and staff <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	1. Intermediate and local school districts. Private educational facilities. 2. school policies as they relate to school sponsored trips and tailgating
Workplace Policies	All	SAMHSA National Workplace Survey Results <a href="http://www.samhsa.gov/">http://www.samhsa.gov/</a> ONDCP: <a href="http://www.whitehousedrugpolicy.gov/prevent/workplace/demog.htm">http://www.whitehousedrugpolicy.gov/prevent/workplace/demog.htm</a>	College campus policy and regulation requirements under DFSC Act for campus, students, and staff <a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>	Local or state retailer associations

POTENTIAL CAUSAL FACTORS		NATIONAL SOURCES	STATE/REGIONAL SOURCES	LOCAL SOURCES
Probation / Parole Requirement	Adult Only		Dept. of Corrections <a href="http://www.michigan.gov/corrections/0,1607,7-119-1435---,00.html">http://www.michigan.gov/corrections/0,1607,7-119-1435---,00.html</a>	Local Courts, Prosecuting Attorneys, etc...
Social Host Liability	All		MADD <a href="http://www.madd.org/laws/">http://www.madd.org/laws/</a> MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	County, City, Township governments
	Adult Only Underage Only			
School Policies	Underage Only		1. MDOE <a href="http://www.michigan.gov/mde">http://www.michigan.gov/mde</a> 2. MCRUD <a href="http://www.mcrud.org">http://www.mcrud.org</a>	3. <b>Local Student Codes of Conduct, Athletic Policies,</b> School policies as they relate to school sponsored trips, tailgating, MIP violations, eligibility for extra curricular activities,

## GLOSSARY AND RESOURCE LINKS

	DESCRIPTION	LINK OR CONTACT INFORMATION
<b>A</b>		
Adjudication	Intervening variable (usually coupled with "enforcement") re: consequences by enforcement of violations of the rules, laws, liability and policies surrounding substance abuse and use, as well as the public perception of such and, how likely people are to believe they will get caught and receive consequences. Also involves actual attitude toward the specific consequences.	
APIS	Alcohol Policy Information System - Part of National Institute on Alcohol Abuse and Alcoholism (NIAAA)	<a href="http://www.niaaa.apis.gov">http://www.niaaa.apis.gov</a>
ARDI	Alcohol-Related Disease Impact, CDC estimates of all alcohol related deaths and years of potential life lost (YPLL) due to alcohol...can be queried for different populations.	<a href="http://apps.nccd.cdc.gov/ardi/Report.aspx?T=AAM&amp;P=9d3057a6-5cda-416d-ba10-41e7b8ebd521&amp;R=c22869f8-a1d3-48a8-8095-9142c6de5baf&amp;M=1d04dc84-f775-4032-9ab3-75bc10221b2b">http://apps.nccd.cdc.gov/ardi/Report.aspx?T=AAM&amp;P=9d3057a6-5cda-416d-ba10-41e7b8ebd521&amp;R=c22869f8-a1d3-48a8-8095-9142c6de5baf&amp;M=1d04dc84-f775-4032-9ab3-75bc10221b2b</a>
ATOD	Alcohol, tobacco or other drugs	
<b>B</b>		
BRFS – MI Behavioral Risk Factor Survey	The national <u>Behavioral Risk Factor Surveillance System</u> (BRFSS) consists of annual surveys (i.e., BRFS) conducted independently by the states, District of Columbia, and U.S. territories, and is coordinated through cooperative agreements with the Centers for Disease Control and Prevention (CDC). The annual Michigan surveys follow the CDC telephone survey protocol for the BRFSS and the annual standardized core questionnaire is used. In addition, the Michigan BRFS includes about 25 state-added questions each year	BRFS <a href="http://www.michigan.gov/mdch/0,1607,7-132-2945_5104_5279_39424---.00.html">http://www.michigan.gov/mdch/0,1607,7-132-2945_5104_5279_39424---.00.html</a>
BRFSS-national Behavioral Risk Factor Surveillance System		BRFSS <a href="http://www.cdc.gov/brfss/">http://www.cdc.gov/brfss/</a>

	DESCRIPTION	LINK OR CONTACT INFORMATION
Binge Drinking	Drinking five or more alcoholic beverages on the same occasion (i.e., at the same time or within a couple of hours of each other)	Depending on the study, the definition varies a little bit. Most include terminology about "in the last thirty days"
C		
CADCA	Community Anti-Drug Coalitions of America - Have a series of technical assistance manuals for community coalitions, xxx	CADCA, 625 Slaters Lane, Suite 300, Alexandria, VA 22314 800-54-CADCA 703-706-0560 <a href="http://www.cadca.org">http://www.cadca.org</a>
CAMY	The Center on Alcohol Marketing and Youth at Georgetown University	<a href="http://www.camy.org">http://www.camy.org</a>
CAPT	CSAPs Centers for the Application of Prevention Technologies, five regional centers in US	<a href="http://captus.samhsa.gov/home.cfm">http://captus.samhsa.gov/home.cfm</a>
CCAPT	Central Center for Application of Prevention Technologies ; Michigan is part of this CAPTs region.	<a href="http://captus.samhsa.gov/central/central.cfm">http://captus.samhsa.gov/central/central.cfm</a>
CDC	Center for Disease Control - Wonder is the data base associated with the SPF/SIG Epidemiological work and is referenced here. The CDC has many other prevention offerings. Wonder lets you query the database for 2004 and earlier entries per state for cause of death down to county level data. Mortality data.	<a href="http://wonder.cdc.gov/mortSQL.html">http://wonder.cdc.gov/mortSQL.html</a>
CSAP – Center for Substance Abuse Prevention Causal Factors	An agency of SAMHSA  "Intervening Variables/Causal Factors" is the generic term for underlying conditions contributing to substance abuse and are often used interchangeably. In Michigan, "Intervening Variables" refers to the overarching conditions and "Causal Factors" refers to the more specific conditions of Intervening Variables. The two are linked in the logic model. Example: The intervening variable of "economic availability" is linked to the causal factor of "price".	<a href="http://prevention.samhsa.gov/">http://prevention.samhsa.gov/</a>
D		
DASIS	Drug and Alcohol Services Information System of SAMHSA	<a href="http://www.dasis.samhsa.gov/dasis2/index.htm">http://www.dasis.samhsa.gov/dasis2/index.htm</a>
DLEG	Department of Labor and Economic Growth. Referenced here for links to State Office of Administrative Hearings and Rules for Administrative Rules regarding alcohol.	<a href="http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601501&amp;Dpt=LG&amp;RngHigh=">http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&amp;Admin_Num=43601501&amp;Dpt=LG&amp;RngHigh=</a>

	DESCRIPTION	LINK OR CONTACT INFORMATION
<b>E</b>		
Economic Availability	Intervening variable re: the dollar amount that must be paid to obtain ATODs.	
<b>Enforcement</b>	Intervening variable (usually coupled with "adjudication") re: the enforcement of the rules, laws, and policies surrounding substance abuse and its consequences, as well as the public perception of such and, how likely people are to believe they will get caught and be consequenced for violations.	
<b>Epidemiology</b>		
<b>F</b>		
<b>FACE</b>	<b>Various programs and resources for UAD; including Take It Back, Our Place DVD, Domino Effect, etc... Catalog of resources. A for-profit organization working nationally.</b>	<a href="http://www.faceproject.org">http://www.faceproject.org</a>
<b>FARS</b>	Fatality Analysis Reporting System (FARS) Web-Based Encyclopedia with information on every fatal crash in the country back to 1994	<a href="http://www-fars.nhtsa.dot.gov/">http://www-fars.nhtsa.dot.gov/</a>
<b>G</b>		
<b>H</b>		
<b>HAY</b>	<b>Helping America's Youth is a Federal program by the White House in conjunction with numerous federal agencies offer Community Assessment Information, Mapping tools, etc...</b>	HAY <a href="http://helpingamericasyouth.gov">http://helpingamericasyouth.gov</a> HAY Community Mapping tool: <a href="http://haygis.esri.com/HAY/index.html">http://haygis.esri.com/HAY/index.html</a>
<b>Higher Ed Center for Alcohol and Other Drug Abuse and Violence Prevention</b>	The Higher Education Center's purpose is to help college and community leaders develop, implement, and evaluate programs and policies to reduce student problems related to alcohol and <b>other drug</b> use and interpersonal <b>violence</b> .	<a href="http://www.higheredcenter.org/dfsca/">http://www.higheredcenter.org/dfsca/</a>
<b>I</b>		
<b>Intervening Variables</b>	"Intervening Variables/Causal Factors" is the generic term for underlying conditions contributing to substance abuse and are often used interchangeably. In Michigan, "Intervening Variables" refers to the	

	DESCRIPTION	LINK OR CONTACT INFORMATION
	overarching conditions and "Causal Factors" refers to the more specific conditions of Intervening Variables. The two are linked in the logic models. Example: The intervening variable of "economic availability" is linked to the causal factor of "price".	
IRB	Internal Review Board- requires pre approval process of any study/survey dealing with human subjectss	
J		
K		
L		
M		
MADD	<b>Mothers Against Drunk Driving: National organization, with state and local chapters, dedicated to reducing drinking and driving.</b>	State: <a href="http://www.madd.org">http://www.madd.org</a> Add your local MADD contact:
MARIN Institute	<b>Alcohol Watchdog; latest information on trends and activities. Guides for youth to take action.</b>	<a href="http://www.marininstitute.org">http://www.marininstitute.org</a>
MDCH	<b>MI Department of Community Health</b>	<a href="http://www.michigan.gov/mdch">http://www.michigan.gov/mdch</a>
MDCH/HPC	MDCH Health Promotions Clearinghouse. Note: MRC – MI Resource Center closed September 30, 2007.	<a href="http://www.healthymichigan.com">www.healthymichigan.com</a> ; 1-800-353-8227
MCRUD	<b>Michigan Coalition to Reduce Underage Drinking</b>	<a href="http://www.mcrud.org">http://www.mcrud.org</a>  Ken Dail, 1-800-968-4968, kend@preventionnetwork.org
MLHS	<b>Michigan League for Human Services, publishes Kids Count In Michigan 2006 data resource, you can generate specific reports</b>	Kids Count in Michigan Data Book 2006; MLHS: <a href="http://www.milhs.org/information/default.asp?NavPageID=50097#i_211649">http://www.milhs.org/information/default.asp?NavPageID=50097#i_211649</a>
Michigan Model		
MIP	<b>Minor in Possession violation</b>	
MTF	<b>Monitoring the Future – National Study of Youth Attitudes conducted by University of MI for decades</b>	
N		

	DESCRIPTION	LINK OR CONTACT INFORMATION
NA	Needs Assessment xxxxxxx	
NIAAA	National Institute on Alcohol Abuse and Alcoholism of NIH	<a href="http://www.niaaa.nih.gov/">http://www.niaaa.nih.gov/</a>
NIDA	National Institute on Drug Abuse	<a href="http://www.nida.nih.gov/">http://www.nida.nih.gov/</a>
NIH	National Institute of Health	
NSDUH	National Survey on Drug Use and Health	<p><a href="http://www.oas.samhsa.gov/oasftp.cfm#Data">http://www.oas.samhsa.gov/oasftp.cfm#Data</a> , 2006 Report issued as part of Recovery Month: <b>Results from the 2006 National Survey on Drug Use &amp; Health (NSDUH)</b>, a 268 page report based on SAMHSA's National Survey on Drug Use and Health (NSDUH), provides substance use, abuse, and dependence prevalence data, mental health measures, and additional related variables for the nation. Mental health measures included in this report include depression, serious psychological distress, co-occurring depression and substance use, treatment for mental health problems, reasons for not receiving mental health treatment, and unmet treatment need.</p> <p>AT:  <a href="http://oas.samhsa.gov/nsduhLatest.htm">http://oas.samhsa.gov/nsduhLatest.htm</a></p> <p>To order a hard copy of the 2006 National Survey on Drug Use &amp; Health go to  <a href="http://ncadistore.samhsa.gov/catalog/productDetails.aspx?ProductID=17735">http://ncadistore.samhsa.gov/catalog/productDetails.aspx?ProductID=17735</a>  <a href="http://www.dasis.samhsa.gov/dasis2/nssats.htm">http://www.dasis.samhsa.gov/dasis2/nssats.htm</a></p>
N-SSATS	National Survey of Substance Abuse Services	
O		
OAS	Office of Applied Studies, Part of SAMHSA	<a href="http://www.oas.samhsa.gov/">http://www.oas.samhsa.gov/</a>
ODCP	Office of Drug Control Policy	<a href="http://www.michigan.gov/odcp">http://www.michigan.gov/odcp</a>
OHSP	Office of Highway Safety Planning	<a href="http://www.michigan.gov/ohsp">http://www.michigan.gov/ohsp</a>
ONDPCP	Office of National Drug Control Policy	<a href="http://www.whitehousedrugpolicy.gov/">http://www.whitehousedrugpolicy.gov/</a>
P		
PAM	Parenting Awareness Michigan	
PN	Prevention Network	<a href="http://www.preventionnetwork.org">http://www.preventionnetwork.org</a>
Promotion	Intervening variable re: any attempts to increase the attractiveness, distribution, sales, and use of ATOD. It can include precisely targeted advertising and other	

	DESCRIPTION	LINK OR CONTACT INFORMATION
Q	media representing excessive, illegal and/or unsafe use, as well as sponsorship of events that do so.	
R		
Retail Availability	<b>Intervening variable re: the accessibility of ATODs from retail sources</b>	
RAND	<b>Getting to Outcomes – Underage Drinking</b>	<a href="http://www.rand.org/pubs/technical_reports/TR403/">http://www.rand.org/pubs/technical_reports/TR403/</a>
S		
SADD	<b>Students Against Destructive Decisions (some retain name of “Drinking and Driving”) – located in middle and high schools, as well as, some college campuses.</b>	Contact local school district or MADD for local links: <a href="http://www.madd.org">http://www.madd.org</a>
SAMHSA	<b>Substance Abuse Mental Health Services Administration of the United States Department of Health and Human Services</b>	<a href="http://www.samhsa.gov/">http://www.samhsa.gov/</a>
ServSafe Alcohol	<b>Server training for restaurant site employees</b>	<a href="http://www.michiganrestaurant.org">http://www.michiganrestaurant.org</a> 1-800-968-0666
Social Availability	Intervening variable re: obtaining ATODs through social sources, like friends, family, and relatives and from their residences. Also includes variety of social, sporting, entertainment, recreational and cultural events, practices and activities.	
SOM	State of Michigan	<a href="http://www.michigan.gov">http://www.michigan.gov</a>
SPF/SIG	Strategic Planning Framework / State Incentive Grant	<a href="http://www.michigan.gov/odcp">http://www.michigan.gov/odcp</a> (>Prevention>SPF/SIG) Carolyn Foxall: foxallc@michigan.gov
SAA	Stop Alcohol Abuse is a federal portal for all kinds of information on underage drinking	<a href="http://www.stopalcoholabuse.gov">http://www.stopalcoholabuse.gov</a>
T		
TAM	<b>Techniques for Alcohol Management- Server training</b>	<a href="http://www.mlba.org">http://www.mlba.org</a> 1-800-292-2896
TEDS	<b>Treatment Episode Data Set of DASIS/SAMHSA</b>	TEDS Data Reports are available by going to the SAMHSA web site at <a href="http://www.drugabusestatistics.samhsa.gov">www.drugabusestatistics.samhsa.gov</a> and clicking on "DASIS". Note: these count admissions

	DESCRIPTION	LINK OR CONTACT INFORMATION
		every time; so one person who repeats is counted more than once.
TIPS	Training for Intervention Procedures- Server training for managing intoxicated patrons	<a href="http://www.gettips.com">http://www.gettips.com</a> 1-800-438-8477
U		
V		
W		
WONDER	Center for Disease Control - <b>Wonder is the data base associated with the SPF/SIG Epidemiological work and is referenced here. The CDC has many other prevention offerings. Wonder lets you query the database for 2004 and earlier entries per state for cause of death down to county level data.</b>	xxxxxxxxx
X		
Y		
YPLL	Years of Potential Life Lost	
YRBS	Youth Risk Behavior Survey	<a href="http://www.michigan.gov/yrbs">http://www.michigan.gov/yrbs</a>
YRBSS	Youth Risk Behavior Surveillance System	<a href="http://apps.nccd.cdc.gov/yrbss/">http://apps.nccd.cdc.gov/yrbss/</a>
Z		