**APPENDIX B: Examples of Consequences & Intervening Variables by Focus Area**

(Source: Macomb County Office of Substance Abuse)

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| **Focus Area** | **Consequences**(The concept of a resulting effect ([cause and effect](http://en.wikipedia.org/wiki/Cause_and_effect)), arising from an action. | **Intervening Variables**(Factors that have been identified as being strongly related to and influence the occurrence and magnitude of substance use and its consequence) |
| **Childhood & Underage Drinking** | **Mortality, Morbidity, Addiction**- Early addiction- Accidents- Suicide- Overdose death- Need for treatment | Low perceived risk of ATOD useBinge drinkingEarly social access to alcohol by minors (retailers and adults)Early onset of AOD useLow perceived risk of negative consequenceTeen belief that nothing can happen to themRefusal skills lacking in teensLack of knowledgeLack of consistent consequences by parents & law enforcement Ride with a drunk driverDrinking and drivingSocial NormsLack of consistent law enforcement |
| **Social Connectedness**- School failure- Family conflict- Community alienation  | Negative peer influenceBinge drinkingPoor parental attitudes, norms, and skillsCultural historyNeighborhood stability & attachmentPerceived peer pressurePeer rejectionDoes not bond with community or feel prideLow perceived risk of future (school & career) consequences |
| **Education**- Interference with education- School failure (expulsion and dropout rates)- Family conflict- Truancy | Early social access to alcohol by minorsCommunity Norms on acceptable school behaviorLack of enforcement/consequences at schoolPoor parental attitudes and skillsNegative attachment to schoolLow academic achievementAnti social behavior/delinquency |
| **Crime & Justice**- Arrests- MIP- DUI- Violent crime- Destruction at house parties- Incarceration - Delinquent behavior- Rape | Lack of knowledgeLow perceived risk of being caughtIntoxication lowers inhibitionsLack of consistent consequences by law enforcementLack of parental supervisionFavorable attitudes by peers for AOD useLack of knowledge of lawLack of knowledge on insuranceAnger issues |
| **Medical Physical**- Fetal alcohol spectrum disorders- Death- Hospital & emergency visits- Early addiction- Health problems, concerns, & issues- Screening Brief Intervention & Referral (SBIR[T]) | Lack of knowledge of use during pregnancyLack of supports (community and family)Binge DrinkingLack of knowledge of physical consequencesParent and family norms attitudes and knowledgeGenetic predisposition Self-medicate |
| **Focus Area** | **Consequences**(The concept of a resulting effect ([cause and effect](http://en.wikipedia.org/wiki/Cause_and_effect)), arising from an action. | **Intervening Variables**(Factors that have been identified as being strongly related to and influence the occurrence and magnitude of substance use and its consequence) |
| **Prescription Drug Abuse/Misuse** | **Mortality, Morbidity, Addiction**- Early addiction- Addiction escalation- Need for treatment - Overdose, injury, and death- Health problems/concerns/issues- Homelessness | Low perception of riskSocial normsEasy access through familyEarly social access by minors Lack of knowledge regarding physiologyLow perceived risk of negative consequenceTeen belief that nothing can happen to themRefusal skills lacking in teensLack of knowledge on prescriptionsProblematic to identify drugged driversLack of consistent consequences by law enforcementSelf-medicate because undiagnosed or cannot afford medicationAddiction escalation to opiate use |
| **Social Connectedness**- Family conflict- Social isolation- No alternative transportation available- Low work attendance- Job loss- Community alienation  | Lack of knowledge on drug interactionsLack of knowledge on physiology Negative peer influenceNorms and attitudesCultural historyNeighborhood stability & attachmentLow community bonding Lack of family supervision of medications and storage |
| **Education**- Interference with education- School failure (expulsion and dropout rates)- Family conflict- Truancy | Early social access by minorsLack of identification by teachersLack of enforcement/consequences at schoolParental attitudes, norms and supervisionNegative school attitudeLow academic achievementAnti social behavior/delinquencyAnger issuesMental health issues |
| **Crime & Justice**- Arrests- DUI- Violent crime- Incarceration  | Lack of knowledgeLow perceived risk of being caughtLowering inhibitions and poor decisions Lack of consistent consequences by law enforcementLimited law enforcement resourcesFavorable attitudes by peers for drug useCost of drugs as tolerance increasesAnger issuesIllegal distribution by medical community |
| **Medical Physical**- Death- Hospital /emergency visits- Early addiction- Health problems/concerns/issues- Cost to society- Screening Brief Intervention & Referral to TX (SBIRT) | Low perception of risk useSocial normsEarly onset of AOD use, increase tolerance and acceptanceLack of knowledgeLow perceived risk of negative consequenceHealth & Addiction: belief that nothing can happen to themLack of knowledge on each drugLack of consistent consequences by law enforcement/court |
| **Focus Area** | **Consequences**(The concept of a resulting effect ([cause and effect](http://en.wikipedia.org/wiki/Cause_and_effect)), arising from an action. | **Intervening Variables**(Factors that have been identified as being strongly related to and influence the occurrence and magnitude of substance use and its consequence) |
| **Youth Access to Tobacco and Nicotine** | **Mortality, Morbidity, Addiction**- Early addiction- Physical damage (lungs, heart, fetal effects, etc)- Secondhand smoke damage - Early death- Disability | Low perception of tobacco/nicotine riskEarly social access to minors (retailers and adults)Early onset of AOD useLow perceived risk of negative consequence to healthLow perceived risk of consequence to othersYears it takes to show damage from tobaccoTeen belief that nothing can happen to themRefusal skills lacking in teensLack of knowledgeLack of enforcementLack of consistent consequences by parents, law enforcement |
| **Social Connectedness**- School failure- Family conflict- Conflict with school administration- Community alienation  | Negative peer influenceParental attitudes toward useCultural historyPerceived peer pressurePeer rejectionRebellionLack coping skillsPeer attitudes Low community bondingLimited interaction with parents as good role modelsDivorce |
| **Education**- Conflict with school administration- School failure (expulsion and dropout rates)- Family conflict-Truancy | Early social access by minorsCommunity Norms on acceptable school behaviorLack of enforcement/consequences at schoolParental attitudes, norms and supervisionNegative attachment to schoolLow academic achievementAnti-social behavior/delinquencyLack of understanding of tobacco/nicotine addiction |
| **Crime & Justice**- Theft- Sales to underage- Delinquent behavior- Citation for sales- Citation for attempted purchase | Lack of knowledgeLow perceived risk of being caughtLack of consistent consequences by law enforcementLack of parental supervisionFavorable attitudes by peers for AOD useFines are too low to be worth caring about for retailersNo registration process for retailers so it’s difficult to monitorLimited law enforcement resources |
| **Medical Physical**- Fetal disorders- Death- Hospital /emergency visits- Early addiction- Health problems/concerns/issues- Youth ear infections/bronchitis from being around adult smokers- Screening Brief Intervention & Referral to TX (SBIRT) | Long-term illnessesLack of knowledge on addictionFamily normsLack of knowledge on health concerns |
| **Focus Area** | **Consequences**(The concept of a resulting effect ([cause and effect](http://en.wikipedia.org/wiki/Cause_and_effect)), arising from an action. | **Intervening Variables**(Factors that have been identified as being strongly related to and influence the occurrence and magnitude of substance use and its consequence) |
| **Illicit Drug Use** | **Mortality, Morbidity, Addiction**- Early addiction- Health problems/concerns/ issues- Addiction escalation- Need for treatment - Death | Riding with an intoxicated driver Low perception of riskSocial normsEasy accessLack of knowledge regarding intoxicationLow perceived risk of negative consequenceTeen belief that nothing can happen to themRefusal skills lacking in teensLack of knowledge on drugs perceived as naturalLack of enforcement when drivingProblematic to identify drugged driversLack of consistent consequences by law enforcementSelf-medicate because undiagnosed or cannot afford medicationBelief that marijuana is not addictive |
| **Social Connectedness**- Family conflict- Community alienation- Low work attendance- Job loss- Homelessness | Lack of knowledge on drug interactionsLack of knowledge on physiology Negative peer influenceNorms and attitudesNeighborhood stability & attachmentLow community bonding Negative family environment Early drug experimentationBelief that marijuana is not harmful |
| **Education**- Interference with education- School failure (expulsion and dropout rates)- Family conflict- Truancy | Early social access by minorsLack of identification by teachersLack of enforcement/consequences at schoolParental attitudes, norms and supervisionNegative attachment to schoolLow academic achievementAnti social behavior/delinquencyAnger issuesMental health issuesBelief that marijuana is legal |
| **Crime & Justice**- Arrests- DUI- Violent crime- Incarceration  | Low perceived risk of being caughtIntoxication lowers inhibitionsLack of consistent consequences by law enforcementLimited law enforcement resourcesFavorable attitudes by peers for drug useCost of drugs as tolerance increasesAnger issuesMental health issuesEarly use of gateway drugsBelief that marijuana is legal |
| **Medical Physical**- Death- Hospital /emergency visits- Early addiction- Health problems/concerns/issues- Cost to society for health issues- Screening Brief Intervention & Referral to TX (SBIRT) | Low perception of risk useEarly onset of AOD use increase tolerance and acceptanceFuture health and addiction: Lack of knowledgeFuture Health: low perceived risk of negative consequencesHealth & addiction: belief that nothing bad can happen to themLack of knowledge on each drugLack of consistent consequences by law enforcement/courts |