

APPENDIX D

SOCIAL INDICATOR MEASURES OF RISK FACTORS AND RELATED ADOLESCENT PROBLEM BEHAVIORS⁸

Risk Factor and Associated Measures	Operational Definition
COMMUNITY DOMAIN	
<i>Availability of Drugs</i>	
Alcohol Sales Outlets	Number of retail alcohol sales outlets per 100,000 population
Alcohol Net Sales	Net Sales of ABC outlets per 100,000 population
Tobacco Sales Outlets	Estimate of average yearly number of retail tobacco sales outlets per 100,000 population
<i>Transition and Mobility</i>	
New Home Construction	Number of new building permits issues for single and multi-family dwellings per 1,000 population
Households in Rental Properties	Percentage of all households living in rental housing
Net Migration	Number of new residents who moved into an area minus number of residents who moved out per 1,000 population
<i>Low Neighborhood Attachment</i>	
Population Voting in Elections	Reported as the percentage of the population registered to vote who vote in the November elections
Prisoners in State and Local Correctional Systems	Number of new admissions to State and local prisons, by the committing court per 100,000 population
<i>Extreme Economic Deprivation</i>	
Unemployment	Percentage of labor force not employed
Free and Reduced Lunch Program	Percentage of students in public schools (K-12) whose applications have been approved for FRLP
Temporary Assistance for Needy Families	Number of persons participating in the federal TANF program per 1,000 population
Food Stamp Recipients	Average monthly number of food stamp participants per 1,000 population
Adults Without High School Diploma	Percentage of total population, age 25 and older, who report the following level of educational attainment: Grades 9-12, no diploma
Single Parent Family Households	Percentage of family households with spouse absent

⁸ These social indicators were selected and validated by the CSAP Six-State Consortium based upon their predictive ability and availability. This data is intended to be used as supplemental information in addition to that collected by risk and protective factor student surveys. These forms can be accessed at the Virginia Department of Mental Health, Mental Retardation and Substance Abuse Services website at www.dmhmsas.state.va.us/Organ/CO/Offices/OSAS/Prevention/SocialIndicatorsDef/pdf

Risk Factor And Associated Measures	Operational Definition
FAMILY DOMAIN	
<i>Family History of Problem Behavior</i>	
Adults in Alcohol or Drug Treatment Programs	Unduplicated number of adults in State-support AOD treatment programs per 1,000 population
Chronic Liver Disease	Number of deaths attributed to liver disease and cirrhosis of the liver per 100,000
<i>Family Management Problems</i>	
Children Living Away From Parents	Number of children (age 0-17) living in home situations other than with one or both parents or guardians per 1,000 children (age 0-17)
Children Living in Foster Care	Average daily rate of children (age 0-17) in State-supervised, family-based foster care per 1,000 children (age 0-17)
Runaways	Number of runaway arrests (age 0-17) per 1,000 juveniles (age 0-17)
Child Abuse Cases	Number of reports alleging child abuse and neglect (age 0-17) per 1,000 juveniles (age 0-17)

Risk Factor and Associated Measures	Operational Definition
SCHOOL DOMAIN	
<i>Low Commitment to School</i>	
Event Dropouts	Percentage of students (grades 9-12) who drop out of school in a single year
Status Dropouts	Percentage of adolescents (age 16-19) who have not completed high school and are not enrolled in school, regardless of when they dropped out

Risk Factor and Associated Measures	Operational Definition
INDIVIDUAL DOMAIN	
<i>Early Initiation of Problem Behavior</i>	
Dropouts prior to 9 th grade	Number of students (grades 7-8) who drop out of school prior to 9 th grade, per 1,000 students (grades 7-8)
Vandalism Arrests ages 10-14	Number of adolescents (age 10-14) arrested for vandalism (including residence, non-residence, vehicle vandalized objects, police cars or other) per 1,000 adolescents (age 10-14)
Alcohol-related arrests (10-14)	Number of adolescents (age 10-14) arrested for alcohol violations (DUI, public drunkenness, liquor law violations), per 1,000 adolescents (age 10-14)
Personal and property crime arrests (10-14)	Number of adolescents (age 10-14) arrested for personal crimes (criminal homicide, aggravated assault, robbery, rape) and property crimes (burglary, larceny theft, arson, motor vehicle theft) per 1,000 adolescents (age 10-14)

Risk Factor and Associated Measures	Operational Definition
PROBLEM BEHAVIOR-OUTCOMES	
<i>Substance Use</i>	
Juvenile alcohol-related arrests	Number of juvenile arrests (age 10-17) for alcohol violations (DUI, public drunkenness, liquor law violations), per 100,000 adolescents (age 10-17)
Juvenile drug-related arrests	Number of juvenile arrests (age 10-17) for drug violations (possession, sale, use, growing, and manufacturing of illegal drugs), per 100,000 juveniles (age 10-17)
Adult alcohol-related arrests	Number of adult arrests (age 18 or older) for alcohol violations (DUI, public drunkenness, liquor law violations), per 100,000 adults (age 18 or older)
Adult drug-related arrests	Number of adult arrests (age 18 or older) for drug violations (possession, sale, use, growing, and manufacturing of illegal drugs), per 100,000 adults (age 18 or older)
Adult drunken driving arrests	Number of adult arrests (age 18 or older) for DUI of DWI per 1,000 adults (age 18 or older)
Alcohol-related traffic fatalities	Percentage of all traffic fatalities related to alcohol
Alcohol-related traffic crashes	Percentage of all traffic crashes related to alcohol
Drug Use during pregnancy – ATOD treatment	Number of pregnant women receiving ATOD treatment from State-supported treatment centers, per 1,000 live births
Drug use during pregnancy – birth records	Number of pregnant women using alcohol, tobacco, or other drugs while pregnant, per 1,000 live births
<i>Violence</i>	
Juvenile arrests for violent crimes	Number of juvenile arrests (age 10-17) for violent crimes (murder, aggravated assault, robbery, rape), per 100,000 juveniles (age 10-17)
Adult arrests for violent crimes	Number of adult arrests (age 18 or older) for violent crimes (murder, aggravated assault, robbery, rape), per 100,000 adults (age 18 or older)
Homicides	Number of homicide victims per 100,000 population
<i>Non-Violent Crime</i>	
Juvenile arrests for curfew, vandalism and disorderly conduct	Number of juvenile arrests (age 10-17) for curfew, vandalism, and disorderly conduct per 100,000 juveniles (age 10-17)
Juvenile arrests for property crimes	Number of juvenile arrests (age 10-17) for property crimes (burglary, larceny, arson, motor vehicle theft), per 100,000 juveniles (age 10-17)
Adult arrests for property crimes	Number of adult arrests (age 18 or older) for property crimes (burglary, larceny, arson, motor vehicle theft), per 100,000 adults (age 18 or older)
<i>Suicide</i>	
Adolescent suicide	Number of successful suicides by juveniles (age 10-17) per 1,000 juveniles (age 10-17)
<i>Adolescent Sexual Behavior</i>	
Adolescent pregnancies	Number of pregnancies to adolescent females (age 10-17) per 1,000 female adolescents (age 10-17)
Birthrate among juveniles	Number of live births to female adolescents (age 10-17) per 1,000 adolescent females (age 10-17)