**Shortened Inventory of Problems – Alcohol and Drugs**
Young Adult, Year 19
Fast Track Project Technical Report
Jose Miguel Sandoval
February 12, 2011


**Table of Contents**

**Citation**
Instrument
Blanchard, K.A.; Morgenstern, J; Morgan, T.J.; Labouvie, E.W.; Bux, D.A. (2003). *Assessing Consequences of Substance Use: Psychometric Properties of the Inventory of Drug Use Consequences,* Psychology of Addictive Behaviors, Vol. 17, No. 4, 328–331.


Report
Sandoval, J. M. (2011). *Shortened Inventory of Problems – Alcohol and Drugs* (Fast Track Project Technical Report). Available from the Fast Track Project Web site, http://www.fasttrackproject.org

**Data Sources**
Raw:          C19CF

Scored:       SIP19

**I.      Scale Description.**

The Short Inventory of Problems Alcohol and Drugs is a fifteen item instrument developed by Blanchard et al. The SIP-AD was adapted by Blanchard et al from an instrument developed by Miller et al in 1995, the Drinker Inventory of Consequences. This original instrument used two formats to establish drink consequences. One format establishes whether consequences ever happened to respondents. The other format measures frequency of occurrence of the consequences. The questionnaire used in Wave 19 corresponds to the format measuring if respondents ever experienced consequences from alcohol and drug use.

The original format was coded as follows:   1=Yes, 2=No, 3=Does not apply to me, 4=I prefer not to answer. These values were re-coded into new variables as 0 = No and 1 = Yes. The original value "Does not apply to me" was added to the No in the recoded variable. The value "I prefer not to answer" was re-coded as missing.

Two summary variables were created, a total score and a mean of all fifteen items.


**II.     Report Sample**

These analyses were conducted for the first cohort on the high-risk control sample (n = 125) and the normative sample (n = 254) for the nineteenth year of the study. The breakdown by site was as follows: of the 125 control sample participants 36 were from Durham, 26 were from Nashville, 36 were from Pennsylvania and 27 were from Washington and for the 254 normative sample participants, 75 were from Durham, 47 were from Nashville, 73 were from Pennsylvania and 59 were from Washington.

Table 1 summarizes the consequences by group sample. Statistical significant associations were found for items 14 and 15.

Table 1 Consequences of Alcohol and Drug Use by Sample group (High and Low Risk)

| | | High or low risk sample | |
| --- | --- | --- | --- |
| | | HI | LO |
| **RECODED 0/1 - I have been unhappy because of my drinking/drug use** | | | |
| **No** | **Percent** | 27.61 | 57.64 |
| **Yes** | **Percent** | 5.36 | 9.38 |
| **RECODED 0/1 - Because of my drinking/drug use, I have not eaten properly** | | | |
| **No** | **Percent** | 27.08 | 57.64 |
| **Yes** | **Percent** | 5.90 | 9.38 |
| **RECODED 0/1 - I have failed to do what is expected of me because of my drinking/drug use** | | | |
| **No** | **Percent** | 29.76 | 59.79 |
| **Yes** | **Percent** | 3.22 | 7.24 |
| **RECODED 0/1 - I have felt guilty or ashamed because of my drinking/drug use** | | | |
| **No** | **Percent** | 26.27 | 56.84 |
| **Yes** | **Percent** | 6.70 | 10.19 |
| **RECODED 0/1 - I have taken foolish risks when I have been drinking/using drugs** | | | |
| **No** | **Percent** | 24.93 | 52.55 |
| **Yes** | **Percent** | 8.04 | 14.48 |
| **RECODED 0/1 - WHen drinking or using drugs, I have done impulsive things that I regretted later** | | | |
| **No** | **Percent** | 25.20 | 53.35 |
| **Yes** | **Percent** | 7.77 | 13.67 |
| **RECODED 0/1 - My physical health has been harmed by my drinking/drug use** | | | |
| **No** | **Percent** | 28.42 | 59.25 |
| **Yes** | **Percent** | 4.56 | 7.77 |
| **RECODED 0/1 - I have had money problems because of my drinking/drug use** | | | |
| **No** | **Percent** | 27.88 | 60.59 |
| **Yes** | **Percent** | 5.09 | 6.43 |
| **RECODED 0/1 - My physical appearance has been harmed by my drinking/drug use** | | | |
| **No** | **Percent** | 30.29 | 63.00 |
| **Yes** | **Percent** | 2.68 | 4.02 |

| RECODED 0/1 - My family has been hurt by my drinking/drug use | | | |
|---|---|---|---|
| No | Percent | 30.03 | 60.86 |
| Yes | Percent | 2.95 | 6.17 |
| RECODED 0/1 - A friendship or close relationship has been damaged by my drinking/drug use | | | |
| No | Percent | 30.03 | 60.86 |
| Yes | Percent | 2.95 | 6.17 |
| RECODED 0/1 - My drinking/drug use has gotten in the way of my growth as a person | | | |
| No | Percent | 28.69 | 60.05 |
| Yes | Percent | 4.29 | 6.97 |
| RECODED 0/1 - My drinking/drug use has damaged my social life, popularity, or reputation | | | |
| No | Percent | 30.56 | 62.73 |
| Yes | Percent | 2.41 | 4.29 |
| RECODED 0/1 - I have spent too much or lost a lot of money because of my drinking/drug use (*) | | | |
| No | Percent | 26.81 | 59.52 |
| Yes | Percent | 6.17 | 7.51 |
| RECODED 0/1 - I have had an accident while drinking/using drugs or when intoxicated/high (**) | | | |
| No | Percent | 28.95 | 64.08 |
| Yes | Percent | 4.02 | 2.95 |

(*)  Significant at the p< .05
(**) Significant at the p< .01


### III.       Differences between Groups.

Table 2 shows descriptive statistics for the total score and mean variables by sample group. No significant differences were found between the two groups.

Table 2.

*Means for Total Score and 15-Item Mean - Year 19*

| High or low risk sample | N | Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
|---|---|---|---|---|---|---|---|---|
| HI | 125 | SIP19SUM | Shortened Inventory Sum - Drugs and Alcohol  - Year 19 | 124 | 2.1693548 | 3.5423610 | 0 | 15.0000000 |
| | | SIP19MEAN | Shortened Inventory Mean - Drugs and Alcohol  - Year 19 | 124 | 0.1446237 | 0.2361574 | 0 | 1.0000000 |
| LO | 254 | SIP19SUM | Shortened Inventory Sum - Drugs and Alcohol  - Year 19 | 253 | 1.7948257 | 3.5454652 | 0 | 15.0000000 |
| | | SIP19MEAN | Shortened Inventory Mean - Drugs and Alcohol  - Year 19 | 253 | 0.1196550 | 0.2363643 | 0 | 1.0000000 |

**IV.      Recommendations for Use**

The scored variables, total scores and 15-item mean, summarize consequences of alcohol and drug use. Distributions for both variables reflect a low level of reported consequences.