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Reducing Alcohol-Impaired Driving: Surveys for Use in Measuring Program Effectiveness

Office of Driver and Pedestrian Research
Problem-Behavior Research Division

REDUCING ALCOHOL-IMPAIRED DRIVING:
SURVEYS FOR USE IN MEASURING PROGRAM EFFECTIVENESS

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The authors would like to acknowledge the efforts of several colleagues who contributed to the successful compilation of this report. Early in the development of this Inventory of Alcohol Items, Richard P. Compton developed the items included in Section II (Risk of Detection, Apprehension and Punishment). Both Theodore E. Anderson and Alfred J. Farina provided helpful comments on the text describing the background, development and format of the Inventory. Finally, we are grateful for the helpful comments and advice provided us by countless colleagues eager to provide alcohol program evaluation aids to the many local constituencies with whom they work.

PURPOSE AND USE

Over the few past years, state and local activities directed at curtailing alcohol-impaired driving have increased both in number and in visibility. It is important to determine what effects various programs have in reducing the magnitude of the drinking-driving problem. One purpose for the preparation of this Inventory of Alcohol Items was to help State and local authorities in ascertaining the effects of their anti-drinking-driving programs.

We recognize that local jurisdictions have varying needs and differ substantially in the level of technical and evaluative expertise available for assessment of their alcohol highway safety programs. Those jurisdictions having program evaluators either on staff or available as consultants may wish to compile their own survey instruments. They can select items from among the 200 we have supplied in the Inventory. In this way, a jurisdiction can tailor-make its own alcohol survey instrument, but also have the advantage of being able to compare its results with those of other jurisdictions since some of the items selected will certainly have been used by others utilizing this Inventory.

For those jurisdictions interested in evaluating the impact of their anti-drinking-driving programs, but not having the technical expertise readily available for designing evaluation instruments, we have provided three special survey forms for use as appropriate. All the items on these three special forms have been selected from the Inventory of Alcohol Items. Depending on what the focus of the alcohol and driving program is, a jurisdiction may wish to assess the general deterrent impact, the impact of public information/education programs, or the impact of both general deterrence and public information/education programs on curtailing the drinking-driving problem. The attractive feature of these three special forms is that a community need not expend resources on development of questionnaires, as the developmental work has already been done. The locality need only concern itself with obtaining help in selecting the sample of respondents and in conducting the actual survey of respondents.

It is important for users to realize that the focus of measurement in this Inventory is the impact of anti-drinking-driving programs on potential drinking drivers or persons in their environment. The Inventory items attempt to assess changes in attitudes, knowledge, perception and behavior of individuals participating in, or targeted by, activities for reducing the

incidence of alcohol-impaired driving. The inventory items do not address administrative evaluation issues such as number of arrests, number of special DWI (Driving While Intoxicated) patrols, reduction in DWI processing time, impact on the court system, etc. Thus, we emphasize that the focus of this Inventory of Alcohol Items is assessment of program impact on potential drinking drivers, not assessment of impact on the various systems or organizations involved in carrying out or delivering the program.

This Inventory of Alcohol Items has been prepared with a range of possible uses in mind. For example, items could be selected in a given situation to permit:

- o the assessment of attitudes, knowledge, perception and DWI avoidance behavior as compared to other communities and national norms, or as baseline data to measure change as a result of a State or community program;
- o detailed analyses of attitudes, knowledge, perception or behavior as a basis for the selection or design of particular anti-drunk driving programs (e.g., identifying weak areas or problems);
- o the assessment of the effect of a particular action or program:
 - a) on an experimental group (as compared with a control group)
 - b) before and after implementation of the program
 - c) as compared to the effect of similar or different activities in other locations
 - d) on the drivers in a given location as they are compared to drivers in other locations and to national norms.

Researchers and educators interested in various aspects of the drinking-driving problem can also find this Inventory useful in their studies. For example, such individuals could select items to help them find out more about societal attitudes underlying the drinking-driving problem and/or design programs to develop positive attitudes of responsibility and action to avoid driving after drinking too much. Thus, although a major aim of this Inventory of items was to help program planners and implementers in assessing the impact of programs for reducing alcohol-impaired driving, it can also be used by researchers, educators and program designers for gaining insight into, and defining, the magnitude of the drinking-driving problem. We encourage such individuals to utilize this Inventory as well.

This report is intended for use by individuals having interests in conducting alcohol highway safety surveys. Evaluators, researchers, educators and persons interested in constructing their own tailor-made evaluation instruments are encouraged to refer to the descriptive and conceptual material associated with the development of the Inventory of Alcohol Items. However, the Inventory and the conceptual and developmental material describing the Inventory were not prepared for use by non-technical personnel or persons not well versed in survey design and methodology. Those practitioners interested in utilizing ready-made alcohol evaluation instruments may wish to skip the material on Inventory Development (pp. 4-10) and on Description of Inventory (pp. 11-13), and proceed directly to the material describing the Special Alcohol Survey Forms (pp. 14-19) and to the Special Survey Forms themselves (pp. 72 and following). Those jurisdictions interested in assessing their general deterrence programs only should consult the General Deterrence Form (p. 72), while those interested primarily in assessing prevention, education, and/or public information programs should consult the Public Information/Education Form (p. 78). Practitioners interested in evaluating effects of both kinds of activities should utilize the form addressing general deterrence and public information/education efforts (p. 88).

INVENTORY DEVELOPMENT

Conceptual Background

If attempts to reduce alcohol-impaired driving are successful, there should be a reduction in alcohol-related fatalities, injuries and accidents. Unfortunately, it is usually not feasible to secure actual measurements of such "bottom-line" results with sufficient timeliness, completeness and accuracy to permit a proper determination of program effectiveness. In addition, some anti-drunk driving program components or activities are not, by themselves, expected to reduce alcohol-related accidents. Yet, one would still like to secure some measure of program effectiveness. One way to do this is to take more intermediate measures of the effect of these activities on the relevant attitudes, knowledge, perceptions and behavior of potential drinking drivers. There are a tremendous number of possible intermediate measures, and insufficient time and resources to measure everything. What is measured should have some apparent relationship to the avoidance of alcohol-impaired driving¹.

A conceptual model of important human factors (attitudes, knowledge and perceptions) and behaviors associated with avoidance of alcohol impaired driving has been developed and presented elsewhere². For convenience, these major factors are identified in Figure 1. Using this model as a basis, a set

-
1. The term "alcohol-impaired driving" is used here to emphasize that the objective is to reduce crashes resulting from alcohol impairment. "Drunk driving" implies obvious signs of impairment and a legal determination. The model upon which these items are based, and almost all of the items themselves, should be applicable regardless of where the legal limit is set. In this paper, DWI (i.e., Driving While Intoxicated) is often used as shorthand for alcohol-impaired driving.
 2. The initial version of this conceptual model was presented as follows:
Snyder, M.B. Avoidance of impaired driving: Analysis and requirements. A presentation to the executive meeting of the Presidential Commission on Drunk Driving, Scottsdale, AZ., September 13, 1982.

An overview of the major features of the model was included in the following presentation:

Snyder, M.B. NHTSA/R&D alcohol evaluation research. Paper presented at Lifesavers 2 Meeting, Denver, CO., April 5, 1983.

Attitudes, Knowledge and Perceptions of Potential DWIs

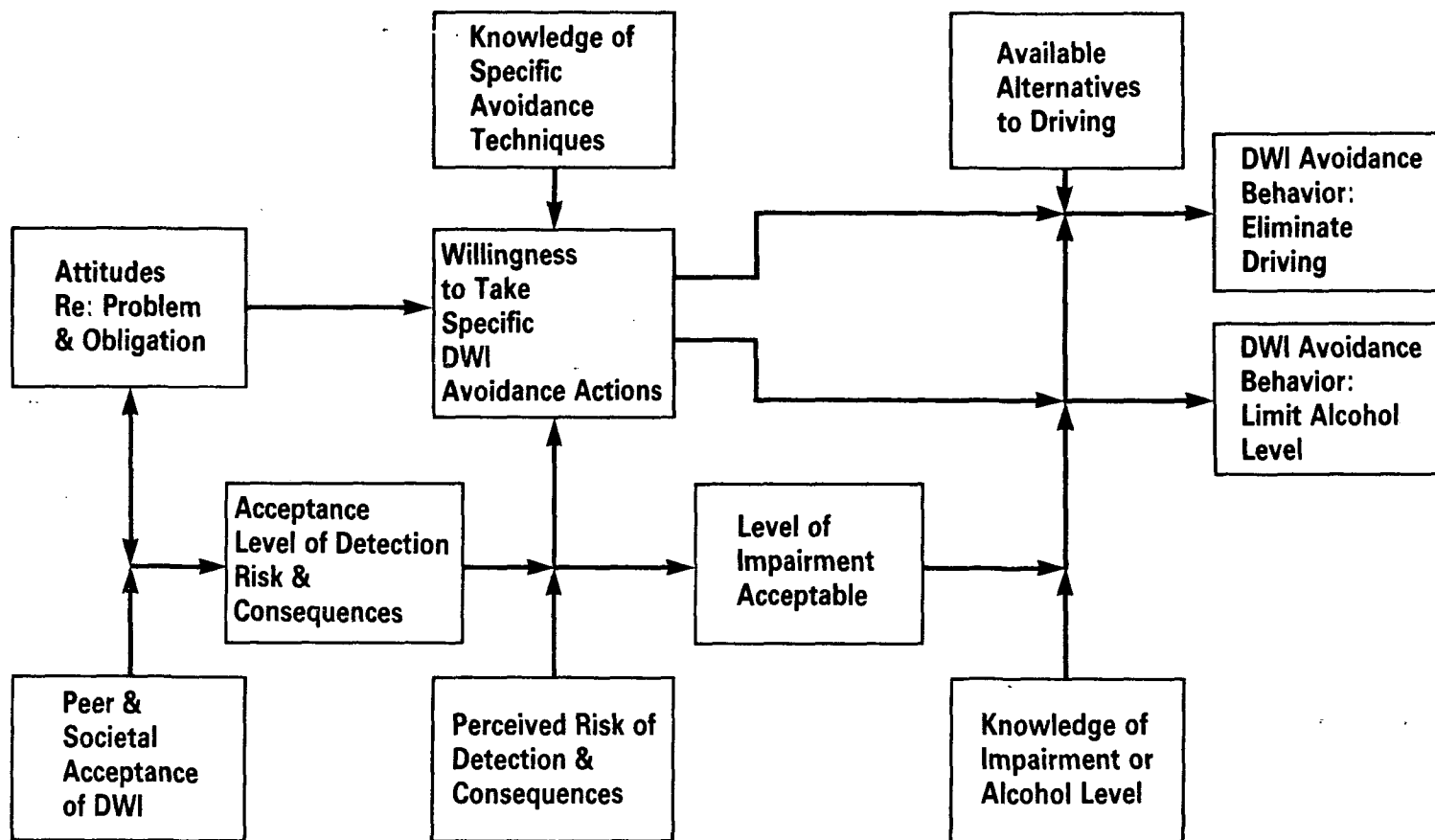


Figure 1

of response items has been developed that could be used to measure these elements and evaluate the effectiveness of activities designed to impact them. (More items than could be used at any one time have been developed. The question of which should be used in a particular situation is treated later.)

One benefit of using the model as a basis for developing the items, is that the model attempted, at a broad level, to cover all of the categories of (human) factors that should influence DWI avoidance behavior. The items should provide comprehensive coverage and be useful in most situations where we are trying to influence human behavior with respect to alcohol-impaired driving. It is hoped that these items will be useful to persons who can collect data before and after implementing programs. In addition, with widespread use it is hoped that norms can be developed for selected items so that different program activities can be compared on identical items. This will be discussed in greater detail later.

As indicated in the preceding chapter, readers should be aware that the items in this Inventory focus on potential DWIs and other persons in their environment. The focus of measurement is thus program impact on potential drinking drivers; that is, changes in attitudes, knowledge, perception and behavior of the individuals participating in, or targeted, by programs for reducing DWI. No attempt has been made to develop items for administrative or programmatic evaluations. Hence, these items are not meant to assess to what extent a program is carrying out the activities it is designed to perform. Rather, the focus of these effectiveness items is assessment of impact on individuals experiencing various anti-DWI programs.

The items in this Inventory address how individuals think or act with respect to drinking and driving. Consequently, questioning of individuals or direct observation of their behavior is necessary in order to secure these data.

Item Content and Inventory Sections

Items were developed to tap DWI avoidance behaviors and each of the factors that are expected to influence DWI avoidance behavior according to the model. Figure 1 shows the two kinds of DWI avoidance behaviors and the nine major factors that are believed to influence these behaviors. We believe that any anti-drunk driving activity must ultimately impact one or more of these eleven elements if it is to be of value in reducing DWI. If an activity does not relate to one of these elements, then the activity should be questioned, or the model must be revised to include a factor that is not now covered. Put another way, the model in Figure 1 is an attempt to be all inclusive, even though it necessarily cannot include all aspects of each factor in the diagram.

Items were developed in an attempt to assess where people are now with respect to each factor and to permit a measurement of change in the future after anti-drunk driving activities have been implemented. These items are included in the material which follows. In the course of this developmental activity, there were other items or questions that we wanted to ask people in order to find out what things influenced or determined why or how people were addressing alcohol-impaired driving at that point in time--i.e., other factors influencing the attitudes, knowledge and perceptions that were being measured. Such items were called diagnostic or developmental items (because they would be helpful in diagnosing unsatisfactory situations and developing solutions). These items were provided in the Inventory for possible use, by interested persons, in special research studies. At this time, the set of diagnostic items is not as complete as the set of effectiveness items presented here, but at some future date, more work may be done with them.

In the course of developing items, it was found that some sets of items could most efficiently be asked together and in some cases items dealing with more than one element should be combined for purposes of presentation. This was particularly true for items dealing with specific DWI avoidance techniques. Knowledge, willingness and reported behavior with respect to a particular avoidance technique could be asked as parts of one item.

Some factors may also have a strong interaction and the responses to items addressing both factors ought to be analyzed together (e.g., perceived risk level and level of risk that one will accept).

As a result of the conditions noted in the two paragraphs above, the Inventory of Alcohol Items was organized by grouping the items relating to the 11 elements into five sections. Figure 2 illustrates this grouping, and identifies the sections according to Roman numerals. Section designations are as follows:

- I. Attitudes About the Problem and One's Obligation to Curtail It
- II. Risk of Detection and Consequences
- III. Specific Avoidance Techniques: Knowledge, Willingness and Behavior
- IV. Knowledge of Impairment/Alcohol Level
- V. Alternatives Available to Driving

Figure 3 is a pictorial representation of major alcohol program activities and their relationship to driver behavior. Note that each major program area (prevention, general deterrence, etc.) is related to particular sections of the Alcohol Inventory and to various factors of the conceptual model presented in Figure 2. For example, the General Deterrence program area consists of enforcement and public information activities, the purpose of which is to increase the perception of risk of being caught and punished for DWI (addressed in Section II of the Inventory and by factors marked in box II of

Effectiveness Item Sections Related To Attitudes, Knowledge and Perceptions of Potential DWIs

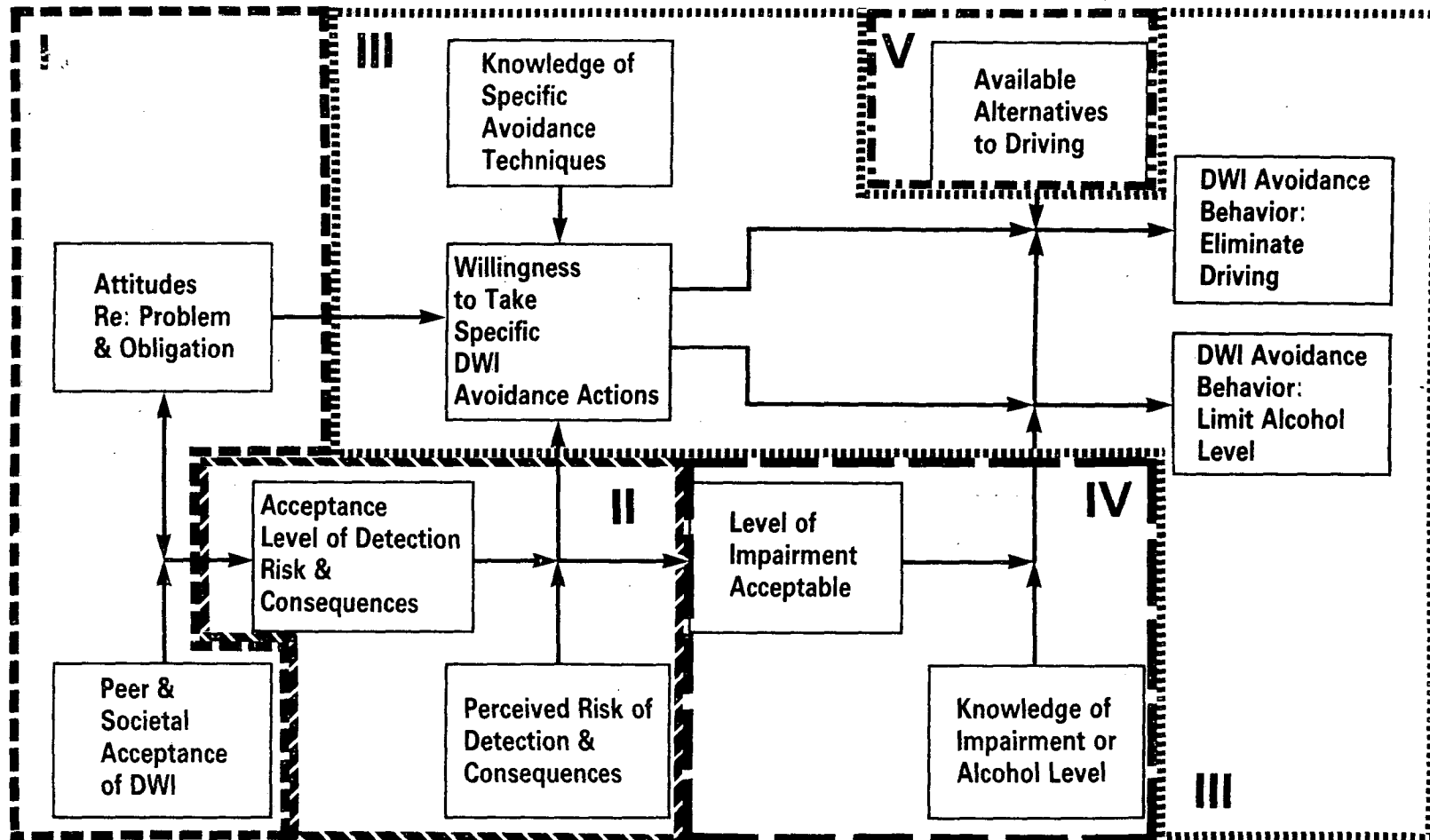


Figure 2

Major Alcohol Program Activities

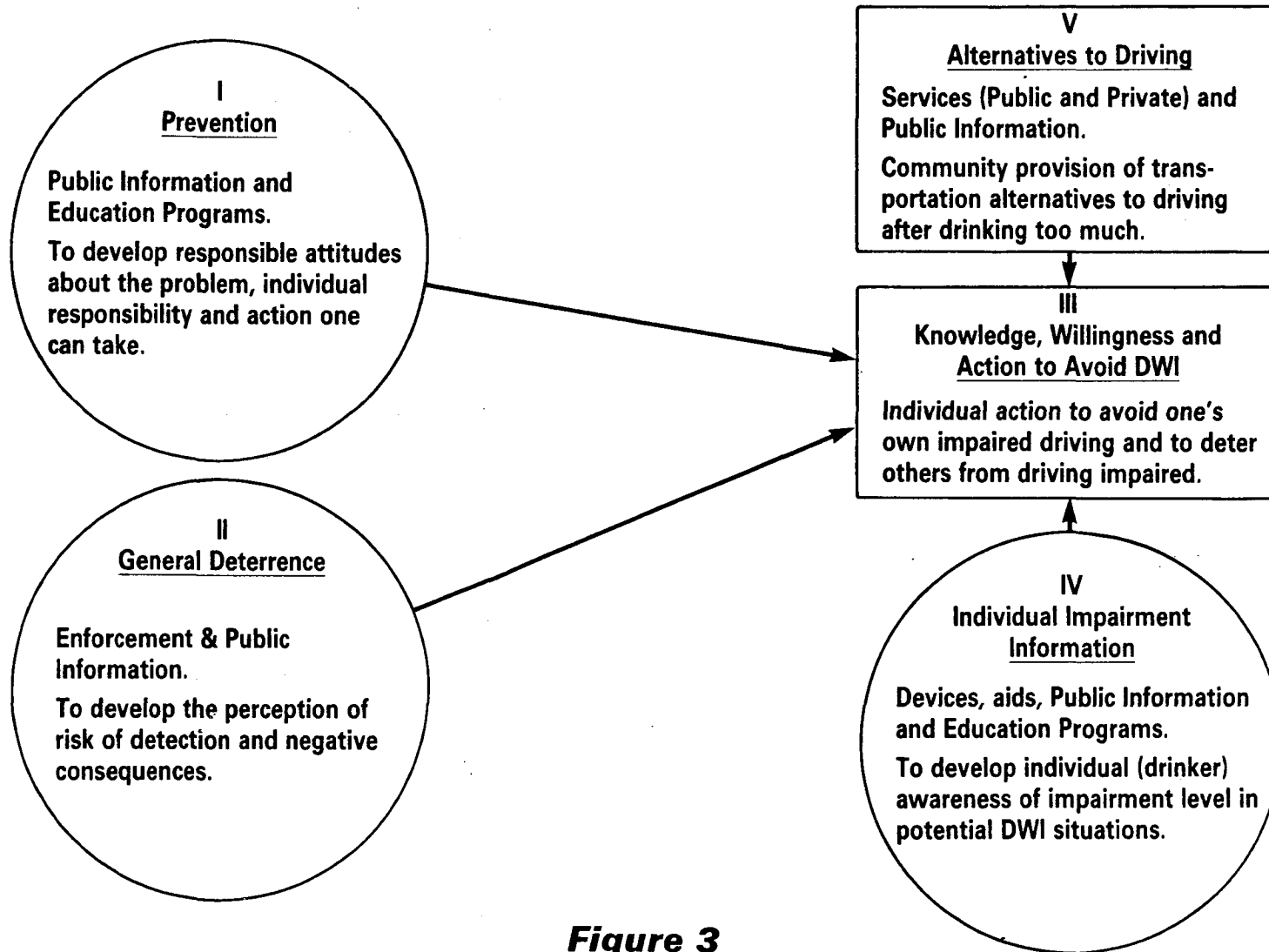


Figure 3

Figure 2). The correspondence among the program activities in Figure 3, the Inventory sections, and the human factors identified in Figure 2 can be made by using the common Roman numeral designations.

In addition, a set of items entitled "General Items" are also included in the Inventory. These items are demographic-type items appropriate for data collection on drinking and driving (e.g., frequency of driving after drinking too much, where drinking generally occurs, age, sex). These items can also be used as screening items; for example, determination of whether the respondent possesses a valid driver's license and drinks alcoholic beverages.

A small set of items tapping all areas and sections of the Inventory has been identified as "Core" items. These core items were selected to be representative of the attitudes, knowledge, behavior and activities addressed by the totality of items in each inventory section. It is suggested that these items be included whenever possible to facilitate comparison with other results using the same items. Some items, primarily core items, have been used in a national sample telephone survey in the fall of 1982 and are expected to be used again in a followup survey. Prospective users may want to give those items special consideration.

The "Core" and "National Survey" items are only a portion of the Inventory. The remaining items go into more depth in particular areas of the DWI conceptual model. Selection of specific items depends on the particular needs and interests of the user. For example, a user who wants to evaluate the effect of a planned police enforcement and public information campaign would concentrate on items from Section II, while an evaluation of a public education campaign to create awareness and start changing attitudes about DWI would concentrate on Section I. (Remember that some items are intended for use as a group. How to identify such items will be treated later.)

Users of these instruments are requested to share their data bases with us, along with a brief description of the sample and the methodology employed in collecting the data. We recognize that any identifying information relating to privacy concerns will have to be deleted from the raw data. If other instruments are used at the same time to measure similar or related information, we would appreciate receiving a copy of the raw data resulting from their use as well. This will help in efforts to build a data base on different populations for the purposes of obtaining better information on public attitudes, knowledge, and perceptions related to drunk driving.

Data collected or submitted will be made available to other users. If possible, norms will be developed for the items and made available to users.

Comments and suggestions from users are welcome. Since variations or modifications to items based on pretests and use may develop, we encourage users to keep in touch to learn of recent developments.

DESCRIPTION OF INVENTORY

General Description

As indicated in the previous chapter, the items on the Inventory are grouped into five topical sections and one "General Items" section. Figure 4 lists the number of unique items included in each section. The organization and labeling of inventory items is discussed below.

Item Format

Many items are open-ended or in free response format. This was necessary because respondents may not have given much careful thought to these questions previously. Presentation of specific alternatives could bias responses by providing respondents with actions/alternatives they may not have thought of themselves. At this stage of development, we are interested in obtaining information on what the public thinks about the DWI problem. Hence, it would be dangerous to set up response categories that could be at variance with the choices respondents actually make. It is anticipated that as we gain insight into these issues during the next year or so and analyze the responses obtained through questioning the public, multiple choice item formats will be developed for future use. Response categories have been established for some free response format items designed for oral presentation. However, they should not be printed if a written questionnaire is used, nor should they be read to the respondent in a telephone or oral interview. Such categories were provided principally for the convenience of an oral interviewer who must quickly and efficiently categorize responses provided by an interviewee. A cautionary note is included with each such item.

Identification and Analysis of Items

Individual items have been assigned a code number for ease of identification and sharing of information among users. It is anticipated that users will substitute an appropriate number for their own administration purposes.

FIGURE 4

INVENTORY OF ALCOHOL ITEMS:
NUMBER OF UNIQUE ITEMS IN EACH TOPICAL SECTION

<u>SECTION TITLE</u>	<u>NUMBER OF ITEMS</u>
General Items	7
I. Attitudes about the Problem and One's Obligation to Curtail It	36
II. Risk of Detection, Apprehension and Punishment	27
III. Specific Avoidance Techniques: Knowledge, Willingness and Behavior	87
IV. Knowledge of Alcohol Impairment	23
V. Available Alternatives to Driving	22
Total Number of Items	202

The code number consists of a section number (Roman numeral) and a consecutive Arabic number. In the event that there is a need for variations of an item, a lower case letter is added to designate such variations. Thus, a variation of item III.7 is III.7.a. Variations by users should be avoided since they detract from the ability to compare across studies. However, we have provided for this possibility. If you use an item and modify it, please let us know when you provide your data.

Core items are preceded by the capital letter C, and national survey items are preceded by the capital letter N. Thus, a core item that was in the national survey would be designated C.N.II.8.

Items in Section I (Attitudes about the Problem and One's Obligation to Curtail It) have additional code designations. Items are identified according to whether they address attitudes about the DWI problem (P) or one's obligation to do something about it (O). In addition, items are also categorized according to whether they deal with a general concept (e.g., drunk driving is a problem), designated by the letter G; whether they deal with something others do or should do (e.g., the police should stop drunk drivers), designated by the letter I; or whether they deal with something the respondent does or should do (e.g., I may have driven alcohol impaired), designated by the letter S. Thus, an item categorized as PS is one addressing attitudes about oneself as part of the problem, whereas an item categorized as OI addresses the obligation of other individuals to curtail the DWI problem. Lastly, some items are labelled "Peer/Societal" items. These items address peer pressures or societal expectations which may influence a person's attitudes and willingness about taking action to curtail the drinking driving problem. These additional code designations are indicated in parentheses following each item in Section I of the Inventory.

Some items have been designed to be used together. These items have been identified (by footnote) in the appropriate section in which the item appears.

Other items should be analyzed together. These have also been identified (by footnote) if the items appeared in the same section of the Inventory. Items to be analyzed together which have not been previously identified are listed below.

- o Item C.I.30 should be analyzed in conjunction with the following items in Section IV: #C.N.IV.7a, C.IV.18, and C.IV.19.

A full listing of the Alcohol Inventory items is provided in the chapter entitled "Inventory of Alcohol Items" beginning on page 20. A quick reference to the codes described above is provided in Figure 7 on page 71 immediately following the full listing of inventory items.

DESCRIPTION OF SPECIAL ALCOHOL SURVEY FORMS

As indicated earlier, in order to be receptive to the evaluation needs of jurisdictions initiating alcohol programs but not having the technical expertise to evaluate these programs, three different alcohol survey questionnaires were developed.

Each questionnaire contains items addressing the following topics:

- (1) attitudes about drinking/driving;
- (2) risk of detection, apprehension and punishment for DWI;
- (3) willingness to take action to avoid DWI;
- (4) knowledge of alcohol impairment; and
- (5) available alternatives to driving.

Note that these topics correspond to the five sections of the Alcohol Inventory.

The "General Deterrence Emphasis" questionnaire, however, contains more items emphasizing the risk of being apprehended and punished for DWI, whereas the "Public Information and Education (PIE) Emphasis" questionnaire contains more items emphasizing attitudes about drinking and driving and actions for avoiding driving after drinking too much. The questionnaire emphasizing both General Deterrence and PIE contains detailed questions for both of these areas of interest. Depending on a local jurisdiction's anti-drinking-driving program, it may choose to utilize one or more of these special forms.

Each Special Alcohol Survey Form contains items addressing the five topic areas listed earlier. However, as indicated in the preceding paragraph, the number of items in each topic area may vary depending on the form's emphasis. To easily distinguish those items which are included on all forms from those items included only on forms with specific emphases, "sets" of items were identified. A "set" is a group of items which are always included together on a given alcohol survey form. Figure 5 shows a matrix indicating the sets of items included on each of the three special questionnaires. The questionnaire topics listed in the left hand column of Figure 5 correspond to the same topics listed above. A numeral in a column indicates that a set containing the given number of items was included on a particular questionnaire. Thus, for example, under "Actions to Avoid DWI", a set of three items (Set 1) is included on each of the three special alcohol survey forms, whereas a set of twelve items (Set 3) is included only on the Public Information Emphasis Form.

FIGURE 5

SPECIAL ALCOHOL SURVEY FORMS:
TYPE AND NUMBER OF ITEMS INCLUDED ON EACH FORM

<u>QUESTIONNAIRE TOPIC</u>	<u>TYPE OF SPECIAL FORM</u>		
	<u>General Deterrence Emphasis</u>	<u>Public Information Emphasis*</u>	<u>Both General Deterrence & PIE Emphasis</u>
<u>General Items</u>			
Set 1 (4 items)	4	4	4
Set 2 (1 item)		1	1
(1) <u>Attitudes About Drinking/Driving</u>			
Set 1 (7 items)	7	7	7
Set 2 (7 items)		7	7
(2) <u>Risk of Detection/ Punishment</u>			
Set 1 (5 items)	5	5	5
Set 2 (8 items)	8		8
(3) <u>Actions to Avoid DWI</u>			
Set 1 (3 items)	3	3	3
Set 2 (6 items)		6	6
Set 3 (12 items)		12	
(4) <u>Knowledge of Alcohol Impairment</u>			
Set 1 (1 item)	1	1	1
(5) <u>Alternatives to Driving</u>			
Set 1 (2 items)	2	2	2
 Total Items	 30	 48	 44

*Note: In this document, "Public Information" is often used as a short form of "Public Information and Education".

Each of these special forms was developed by selecting appropriate items from the Inventory of Alcohol Items. Figure 6 shows a matrix matching the items on each of the special forms with those on the Inventory. It is important to realize that the items on these three special forms have not been formally pretested. Items containing the letter "N" in their coding scheme have been used in a NHTSA-sponsored national survey in November 1982. Consequently, there is more information on distribution of responses and understandability for these items than for items not used in the November 1982 survey. It is planned that all three special survey forms will be formally pretested in the near future. Any item changes occurring as a result of the pretesting will be made available to users through an update of this report.

A copy of each of the three special forms is included in the Chapter entitled "Special Alcohol Survey Forms" beginning on page 72.

FIGURE 6

SPECIAL ALCOHOL SURVEY FORMS:
MATRIX OF ITEMS SELECTED FROM ALCOHOL INVENTORY

<u>ITEM IDENTIFICATION</u>	<u>TYPE OF SPECIAL SURVEY FORM</u>		
	General Deterrence Emphasis	Public Information Emphasis	Both General Deterrence & PIE Emphasis
<u>General Items</u>			
Set 1			
C. G.1	X	X	X
C. G.2	X	X	X
C. G.3	X	X	X
C.N.G.7	X	X	X
Set 2			
C. G.4b		X	X
<u>Attitudes About Drinking/Driving</u>			
Set 1			
C.N.I.1	X	X	X
C. I.6	X	X	X
C. I.9	X	X	X
C.N.I.15	X	X	X
C.N.I.18	X	X	X
C. I.30	X	X	X
C. I.35a	X	X	X
Set 2			
I.4		X	X
C.N.I.8		X	X
N.I.20		X	X
I.25		X	X
I.26		X	X
I.28		X	X
I.31		X	X

FIGURE 6 (Continued)

<u>ITEM IDENTIFICATION</u>	<u>TYPE OF SPECIAL SURVEY FORM</u>		
	General Deterrence Emphasis	Public Information Emphasis	Both General Deterrence & PIE Emphasis
<u>Risk of Detection/ Punishment</u>			
Set 1			
C.N.II.1	X	X	X
C.N.II.2	X	X	X
C.N.II.3	X	X	X
N.II.4	X	X	X
C.N.II.5	X	X	X
Set 2			
C.N.II. 8	X		X
C. II.10	X		X
C. II.14	X		X
C. II.18	X		X
C. II.22	X		X
II.25	X		X
II.26	X		X
N.II.27	X		X
<u>Action to Avoid DWI</u>			
Set 1			
N.III.5a	X	X	X
N.III.6a (can)	X	X	X
N.III.6a (have)	X	X	X
Set 2			
N.III.6a (would)		X	X
N.III.7a		X	X
N.III.8a (can)		X	X
N.III.8a (would)		X	X
N.III.8a (have)		X	X
III.87		X	X

FIGURE 6 (Continued)

<u>ITEM IDENTIFICATION</u>		<u>TYPE OF SPECIAL SURVEY FORM</u>		
		General Deterrence Emphasis	Public Information Emphasis	Both General Deterrence & PIE Emphasis
Set 3				
	III.27a		X	
	III.28a		X	
	III.29a		X	
	III.30a		X	
	III.45		X	
	III.31a		X	
	III.32a		X	
	III.33a		X	
	III.36a		X	
	III.40a		X	
	III.42a		X	
	III.44a		X	
<u>Knowledge of Alcohol</u>				
<u>Impairment</u>				
Set 1				
	C.N.IV.7a	X	X	X
<u>Alternatives to</u>				
<u>Driving</u>				
Set 1				
	C. V.6	X	X	X
	C.N.V.7a	X	X	X

INVENTORY OF ALCOHOL ITEMS*

General Items for All Respondents

C. G.1. Do you drink alcoholic beverages even occasionally?

Yes _____

I used to, but not any more _____

No _____

C. G.2. Are you currently a licensed driver? (Yes/No) _____

C. G.3. Have you ever driven within one hour of drinking alcohol beverages? _____

a. No, I never have

b. I used to, but I don't any more

c. Yes, I do sometimes

G.4. How frequently do you drive within one hour of drinking? _____
(READ RESPONSES)

a. Never

b. Infrequently (1-2 times/year)

c. Occasionally (4-6 times/year)

d. Somewhat often (1-2 times/month)

e. Often (1-2 times/week)

* For a quick reference to the identification codes used in this Inventory, refer to Figure 7 ("Quick Reference to Codes Employed in Inventory of Alcohol Items") on page 71.

N.G.4a. How frequently do you drive within one hour of drinking an alcoholic beverage? (READ RESPONSES) _____

- a. Daily
- b. 2 to 6 times a week
- c. Once a week
- d. Once every 2 weeks
- e. Once a month
- f. Less than once a month
- g. Never

C. G.4b Within the past 12 months, how often have you driven after you have had too much to drink for safe driving? (READ RESPONSES) _____

- a. Daily
- b. 2 to 6 times a week
- c. Once a week
- d. Once every 2 weeks
- e. Once a month
- f. About 4-6 times a year
- g. About once or twice a year
- h. Never

G.4c. How frequently do you drive within one hour of drinking an alcoholic beverage? (READ RESPONSES) _____

- a. Daily
- b. 2 to 6 times a week
- c. Once a week
- d. Once every 2 weeks
- e. Once a month
- f. About 4-6 times a year
- g. About once or twice a year
- h. Never

C. G.5. Suppose you are out drinking and will have to drive in order to leave that location. What location is this most likely to be? _____

- a. Bars/Taverns
- b. Restaurants
- c. Cocktail Lounges
- d. Other people's homes
- e. Private party held in a public place (e.g., hotel, banquet hall)
- f. Sporting Events
- g. No where in particular; I drink in my car
- h. Other (please specify) _____

C.N.G.6 Please check the appropriate category for your age:

18-21 _____
22-25 _____
26-35 _____
36-45 _____
46-65 _____
66+ _____

C.N.G.7. Please check the appropriate category.

Female _____
Male _____

Section I: Attitudes about the Problem and One's Obligation to Curtail It

INSTRUCTIONS: LISTED BELOW IS A SET OF STATEMENTS ABOUT DRINKING AND DRIVING. WE ARE INTERESTED IN YOUR PERSONAL REACTION TO EACH STATEMENT. PLEASE INDICATE THE DEGREE TO WHICH YOU PERSONALLY AGREE OR DISAGREE WITH EACH STATEMENT BY CIRCLING THE LETTER IN THE APPROPRIATE COLUMN CORRESPONDING TO YOUR ANSWER ON THE RIGHT SIDE OF THE PAGE. BE AWARE THAT THERE ARE NO RIGHT OR WRONG ANSWERS; WE ARE INTERESTED ONLY IN YOUR PERSONAL REACTIONS. PLEASE TELL US WHETHER YOU:

Strongly Agree (a); Agree (b); Disagree (c); Strongly Disagree (d)

- | | |
|--|------------|
| C. N.I. 1. I should take positive action to prevent others from driving while impaired by alcohol. (OS) | 1. a b c d |
| I. 2. It's possible that I may have driven when my alcohol content was over the legal limit. (PS) | 2. a b c d |
| N.I. 3. Individuals should take action to prevent others from driving while impaired by alcohol. (OI) | 3. a b c d |
| I. 4. People I know sometimes drive while impaired by alcohol. (PI) | 4. a b c d |
| I. 5. I can take effective action to avoid driving after I have had too much to drink. (OS) | 5. a b c d |
| C. I. 6. The police and the courts are the ones primarily responsible for doing something about alcohol-impaired driving. (OI) | 6. a b c d |
| I. 7. Individuals can take effective action to prevent their friends from alcohol-impaired driving. (OI) | 7. a b c d |

C.N.I. 8.	In the past I may have driven when my abilities were impaired by alcohol. (PS)	8.	a	b	c	d
C. I. 9.	If I am alcohol-impaired, I do not drive. (PS)*	9.	a	b	c	d
N.I.10.	Individuals should take action to avoid driving after drinking too much. (OI)	10.	a	b	c	d
I.11.	I can take effective action to prevent my friends from alcohol-impaired driving. (OI)	11.	a	b	c	d
I.12.	A person has to be 'stone drunk' to drive while impaired by alcohol. (PI) (reverse score)	12.	a	b	c	d
I.13.	Individuals can take effective action to prevent others from alcohol-impaired driving. (OI)	13.	a	b	c	d
I.14.	People should not drive when their alcohol content is above the legal limit. (OG)	14.	a	b	c	d
C.N.I.15.	I should take action to avoid my own alcohol-impaired driving. (OS)	15.	a	b	c	d
N.I.16.	Alcohol-impaired driving is a serious problem worth doing something about.(PG)	16.	a	b	c	d
I.17.	Individuals should take action to prevent their friends from alcohol-impaired driving. (OI)	17.	a	b	c	d

*NOTE: Items 8 and 9 should be analyzed together; i.e., interpretations to item 8 should be made in conjunction to responses for item 9.

N.I.18.	Except for alcoholics and persons with real drinking problems, few people drive alcohol-impaired. (PI) (reverse score)	18.	a	b	c	d
C. I.18a.	Except for alcoholics and persons with real drinking problems, few people drive after drinking too much to drive safely.	18a.	a	b	c	d
I.19.	I can take effective action to prevent others from alcohol-impaired driving. (OS)	19.	a	b	c	d
N.I.20.	People who occasionally drink in social settings are among those who drive when impaired by alcohol. (PI)	20.	a	b	c	d
I.21.	I should take action to prevent my friends from driving alcohol-impaired. (OS)	21.	a	b	c	d
N.I.22.	People who are impaired by alcohol should not drive. (OG)	22.	a	b	c	d
I.23.	Individuals can take effective action to avoid driving after they, themselves, have had too much to drink. (OI)	23.	a	b	c	d
N.I.24.	I need to be careful not to drive while impaired by alcohol. (PS)	24.	a	b	c	d
I.25.	We can avoid most alcohol-related accidents by dealing with a small group of people who drive when their abilities are severely impaired by alcohol. (PI) (reverse score)	25.	a	b	c	d

- | | | | | | |
|----------|--|-------|---|---|---|
| I.26. | People who can "hold their liquor" don't have to worry about driving drunk. (PI) (reverse score) | 26. a | b | c | d |
| I.27. | Party hosts/hostesses have a responsibility to be sure their guests do not drive home drunk. (OI) | 27. a | b | c | d |
| I.28. | When people like me drive alcohol-impaired, they become part of the drunk-driving problem. (PS) | 28. a | b | c | d |
| I.29. | It is unlikely that the drinkers I know who drive would ever be in an automobile accident after drinking. (PI) (reverse score) | 29. a | b | c | d |
| C. I.30. | The way I usually drink alcohol does not affect my driving abilities. (PS) (reverse score) | 30. a | b | c | d |
| I.31. | I don't try to stop friends from driving after drinking too much because their drinking-driving behavior is really none of my business. (OS) (reverse score) | 31. a | b | c | d |
| I.32. | A person who doesn't drink at all is no fun to be with. (Peer/Societal) (reverse score) | 32. a | b | c | d |
| I.33. | I would not be accepted by my friends unless I drank. (Peer/Societal) (reverse score) | 33. a | b | c | d |

I.34. I feel uncomfortable asking for non-alcoholic beverages at occasions where alcoholic beverages are being served.
(Peer/Societal) (reverse score)

34. a b c d

N.I.35. Among your friends, is it acceptable to suggest to persons who have had too much to drink, that they should not drive, or that they wait until their alcohol level is safe for driving? Would you say it is:

35. _____

- a. Highly acceptable
- b. Somewhat acceptable
- c. Not at all acceptable

(Peer/Societal)

C. I.35a. Among your friends, is it acceptable to suggest to persons who have had too much to drink, that they should not drive, or that they wait until their alcohol level is safe for driving? Would you say it is:

35a. _____

- a. Highly acceptable
- b. Somewhat acceptable
- c. Somewhat unacceptable
- d. Highly unacceptable

(Peer/Societal)

N.I.36. Do you support strict law enforcement for drunk driving?

36. _____

- a. Yes
- b. No
- c. Not Sure

(Peer/Societal)

Section II: Risk of Detection, Apprehension and Punishment

INSTRUCTIONS: THIS SECTION HAS TWO PARTS. IF USING QUESTIONS FROM BOTH SECTIONS, PLEASE BE SURE TO ASK QUESTIONS IN PART I BEFORE ASKING QUESTIONS IN PART II. IT IS IMPORTANT THAT ITEMS 1 THROUGH 8 ALWAYS PRECEDE QUESTIONS ON SPECIFIC DETERRENT ACTIONS ADDRESSED IN SUBSEQUENT (I.E., PART II) PORTIONS OF THIS QUESTIONNAIRE.

Part I

C.N.II. 1. I would drive after drinking enough to be legally drunk:*

- a. Strongly Agree
- b. Agree
- c. Not Sure
- d. Disagree
- e. Strongly Disagree

C.N.II. 2. Even if it were legal I would not drive after drinking too much:*

- a. Strongly Agree
- b. Agree
- c. Not Sure
- d. Disagree
- e. Strongly Disagree

C.N.II. 3. If you were to drive after drinking too much, what do you feel would be the chances of your getting caught and punished? (Indicate how many times out of 100)

(*) Items 1 and 2 are necessary for interpretation of responses to items in the rest of Section II. Additionally, these two items tap possible responsiveness to a general deterrent approach to DWI.

N.II. 4. On what basis did you make this estimate of getting caught? (Please be as specific as possible)

C.N.II. 5. Is the number you gave in answer to Question 3 high enough to keep you from driving after drinking too much? (YES/NO)

N.II. 6. If NO to #5, how high would it have to be in order for you to decide not to drive after drinking? (Indicate number of times out of 100)

N.II. 7. If YES, to #5 how low would it be before you would decide to risk getting caught and punished? (Indicate times out of 100)

C.N.II. 8. Why do you think you might be able to drive after drinking too much and not get caught and punished?

GO ON TO ANSWER THE REMAINING QUESTIONS, BUT DO NOT RETURN TO CHANGE ANY OF THE ANSWERS YOU GAVE ABOVE.

PART II

- II. 9. If you were to drive after drinking too much, do you think the chances of being seen by the police are: _____
- a. High b. Medium c. Low
- C. II.10. If you were to drive after drinking too much, what are the chances out of 100 you would be seen by the police? _____
- II.11. Does this chance of being seen by the police influence your decision to drive after drinking too much? _____
- a. strongly influences my decision
b. influences me a little
c. is so low I don't worry about it
d. never thought about it
- II.12. How high do the chances of being seen by the police need to be in order to strongly influence your decision to drive after drinking? (chances out of 100) _____
- II.13. If you drive after drinking too much, and are seen by the police or others, do you think the chances of your being stopped by the police are: _____
- a. High b. Medium c. Low
- C. II.14. If you drive after drinking too much, and are seen by the police or others, what are the chances out of 100 you would be stopped by the police? _____
- II.15. Does this chance of being stopped by the police influence your decision to drive after drinking too much? _____
- a. strongly influences my decision
b. influences me a little
c. is so low I don't worry about it
d. never thought about it

- II.16. How high do the chances of being stopped by the police need to be in order to strongly influence your decision to drive after drinking?
(chances out of 100) _____
- II.17. If you drive after drinking too much, and are stopped by the police, do you think the chances of your being identified by the police as a drunk driver are? _____
- a. High b. Medium c. Low
- C. II.18. If you drive after drinking too much, and are stopped by the police, what are the chances out of 100 you would be identified by the police as a drunk driver? _____
- II.19. Does this chance of being identified as a drunk driver by the police influence your decision to drive after drinking too much: _____
- a. strongly influences my decision
b. influences me a little
c. is so low I don't worry about it
d. never thought about it
- II.20. How high do the chances of being identified as a drunk driver by the police need to be in order to strongly influence your decision to drive after drinking? (chances out of 100) _____
- II.21. If you drive after drinking too much, and are identified by the police as a drunk driver, do you think the chances of your suffering some negative consequence as a result are: _____
- a. High b. Medium c. Low
- C. II.22. If you drive after drinking too much, and are identified by the police as a drunk driver, what are the chances out of 100 you would suffer some negative consequence? _____

II.23. Does this chance of suffering a negative consequence influence your decision to drive after drinking too much?

- a. strongly influences my decision
- b. influences me a little
- c. is so low I don't worry about it
- d. never thought about it

II.24. How high does the chance of suffering a negative consequence have to be in order to strongly influence your decision to drive after drinking? (chances out of 100)

II.25. If you were convicted of a drunk driving first offense, would you find the consequences to be:

- a. extremely unpleasant
- b. very unpleasant
- c. somewhat unpleasant
- d. not very unpleasant
- e. not at all unpleasant

II.26. Do these consequences influence your decision to drive after drinking too much?

- a. strongly influences my decision
- b. influences me a little
- c. is so low I don't worry about it
- d. never thought about it

N.II.27. What might the police and courts do so that you wouldn't drive while impaired by alcohol?

Section III: Specific Avoidance Techniques: Knowledge, Willingness and Behavior

NOTE: THIS SECTION OF THE INVENTORY CONTAINS EIGHT DIFFERENT PARTS. USERS ARE NOT EXPECTED TO UTILIZE ALL PARTS OR ITEMS, BUT TO CHOOSE THOSE WHICH BEST ADDRESS THEIR NEEDS. SOME PARTS (E.G., PART III) CONTAIN ITEMS WHICH ARE OF A DIAGNOSTIC NATURE.

Part I

For items #1-#4, suppose you are attending your typical social occasion where you will be drinking alcoholic beverages. Answer the questions as if you were in such a situation.

III. 1. Do you generally arrive at such occasions by car?
(YES/NO) _____

If no, how do you usually arrive? _____

III. 2. How many people are usually in your travelling party? (Include yourself; i.e., if you usually travel alone, there would be 1 person in your travelling party; if you travel with one other person, there would be 2; etc.) _____

III. 3. How many of the people in your travelling party are licensed drivers? (Include yourself) _____

III. 4. Are you generally the driver of the car?

_____ Yes, almost always (90-100%)
_____ Usually, but not always (i.e., more than 1/2 the time)
_____ About half the time
_____ Very seldom, but I do drive once in awhile
_____ No, I'm not the driver, but I do have a driver's
license
_____ No, I don't have a driver's license

- C. III. 5. Suppose you were going out to a place where you knew you would be drinking. You plan to drive there and back. Are there any things you would consider doing to be sure that you did not drive after having drunk too much? (YES/NO) _____
- N.III. 5a. Suppose you were planning to drive someplace where you knew there would be drinking? Are there things you COULD do so that you would not have to drive after having drunk too much? (YES/NO/DON'T KNOW/NEVER DRINK TOO MUCH; DO NOT READ) _____
- C. III. 6. If yes to #5, please list in Column I the things you would consider doing. In Column II, place a check next to those things you would be likely to actually do, and in Column III place a check next to those things you have actually done.

<u>COLUMN I</u>	<u>COLUMN II</u>	<u>COLUMN III</u>
Things I would consider doing	Would likely do	Have done
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

- N.III. 6a. What are the things you could do? (Check responses in Column A; DO NOT READ OR PROBE).

Now of the things you mentioned you could do, which ones WOULD you be willing to do? (Check responses in Column B; DO NOT READ LIST)

Now, of these, which ones HAVE YOU DONE within the past 12 months? (Check responses in Column C; DO NOT READ LIST.)

<u>Column A</u>	<u>Column B</u>	<u>Column C</u>
<u>COULD DO</u>	<u>WOULD DO</u>	<u>HAVE DONE</u>

Don't drink alcoholic beverages

Limit the number of drinks

Eat food

Drink some alcoholic beverages
and some non-alcoholic beverages

Stop drinking at a predetermined
time

Plan to have someone else drive
home

Plan to take taxi/public
transportation

Test oneself for own alcohol
level

Stay overnight

Drink coffee

Dilute drinks

Other (Please specify)

C. III. 7. Are there any things you would do to prevent another person from driving after having too much to drink? (YES/NO) _____

N.III. 7a. Suppose you were giving a party, or were in a place where there was drinking. Are there any things you COULD do to help keep others from driving after drinking too much? (YES/NO/DON'T KNOW/NEVER GIVE PARTIES AND SERVE ALCOHOL; DO NOT READ)

- [illegible]

- Which of these HAVE YOU DONE in the last 12 months? (CHECK RESPONSES GIVEN IN COLUMN C; DO NOT READ OR PROBE)

Limit the amount of alcohol served

Stop serving drinks at an appropriate time

Intervene to stop the person from driving

Offer to drive other persons home

Serve food

Offer to let person stay overnight

Suggest waiting until effects of alcohol wear off

Call a cab

Dilute drinks

Other (Please specify)

BE SURE THAT YOU HAVE ANSWERED PART I COMPLETELY BEFORE GOING ON TO THE REST OF THIS QUESTIONNAIRE. PLEASE DO NOT RETURN TO PART I AFTER YOU HAVE WORKED ON THE REMAINING PARTS OF THIS QUESTIONNAIRE.

NOTE: Items #5, 6, 7, 8 have been designated as core items. However, users (especially those conducting telephone surveys) may wish to use the alternative forms of these items (i.e., 5a, 6a, 7a, 8a) which should provide similar information.

Part II

Below is a list of actions which can be taken to avoid driving after drinking too much. FOR EACH ACTION, please place a check in Column I if you have ever thought about taking that action as a way to avoid driving after drinking too much. Place a check in Column II if you have ever heard about the action from someone else, even though you may not have considered taking that action yourself. Place a check in Column III if you have actually taken that action yourself. Be aware that, for each action, you may check as many columns as apply.

<u>COLUMN I</u>	<u>COLUMN II</u>	<u>COLUMN III</u>
Yes, I have thought about doing this.	Yes, I have heard about this from someone else.	Yes, I have actually done this.
(Knowledge)	(Knowledge)	(Behavior)

III. 9. Limiting my alcohol level by scheduling my drinks (e.g., every other drink non-alcoholic, drink more slowly).

III.10. Limiting my alcohol level by stopping my drinking at a predetermined time.

III.11. Having hosts/hostesses watch and schedule the drinking of guests.

III.12. Testing myself for my alcohol level (e.g., using a breath device, doing a dexterity test).

III.13. After I stop drinking, I wait until my alcohol level is "safe" for driving.

III.14. Asking someone else for a ride home.

III.15. Having one person volunteer not to drink in order to drive others home.

Part II (continued)

	<u>COLUMN I</u> Yes, I have thought about doing this. (Knowledge)	<u>COLUMN II</u> Yes, I have heard about this from someone else. (Knowledge)	<u>COLUMN III</u> Yes, I have actually done this. (Behavior)
III.16.	Offering to drive friends/ guests home.		
III.17.	Restricting vehicle use (e.g., children cannot use car at night).		
III.18.	Plan to stay overnight somewhere.		
III.19.	Offer to let guests/friends stay overnight.		
III.20.	Plan parties so that driving is not needed.		
III.21.	Schedule public events (e.g., sports) so that drinking-driving is minimized.		
III.22.	Plan party agendas so that you limit drinking before driving (e.g., serve dessert and coffee before guests leave).		
III.23.	Avoid situations where I know I tend to drive after drinking.		
III.24.	Do not drink alcoholic beverages when I have to drive.		

Part II (continued)

	<u>COLUMN I</u>	<u>COLUMN II</u>	<u>COLUMN III</u>
	Yes, I have thought about doing this.	Yes, I have heard about this from someone else.	Yes, I have actually done this.
	(Knowledge)	(Knowledge)	(Behavior)
III.25.	Call a taxi so that a friend/guest will not drive after drinking too much.		
III.26.	Intervene to stop a person from driving after drinking too much.		

Part III

For each of items #27 - #44 below, please check the response which most closely represents your willingness to take the underlined action. Then indicate why you would take or not take the underlined action. (Willingness)

- III.27. If you were going out and knew you would be driving home afterwards, how willing would you be to LIMIT YOUR ALCOHOL LEVEL BY SCHEDULING YOUR DRINKS to avoid driving after drinking too much?
- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.28. If you were going out and knew you would be driving home afterwards, how willing would you be to LIMIT YOUR ALCOHOL LEVEL BY STOPPING YOUR DRINKING AT A PREDETERMINED TIME to avoid driving after drinking too much?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.29. If you were giving a party, how willing would you be AS A HOST/HOSTESS TO WATCH AND SCHEDULE YOUR GUESTS' DRINKING to reduce their driving after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.30. If you were going out and knew you would be driving home afterwards, how willing would you be to TEST YOURSELF FOR YOUR ALCOHOL LEVEL OVER THE COURSE OF THE EVENING to avoid driving after drinking too much?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.31. If you were going out and knew you would be driving home afterwards, how willing would you be to WAIT UNTIL YOUR ALCOHOL LEVEL IS "SAFE" FOR DRIVING AFTER YOU HAVE STOPPED DRINKING before you get in your car to drive?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.32. If you were going out and knew you would be drinking, how willing would you be to ASK SOMEONE ELSE FOR A RIDE HOME instead of driving yourself?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.33. If you were going out in a group and knew you would be driving home afterwards, how willing would you be to VOLUNTEER NOT TO DRINK IN ORDER TO DRIVE OTHERS HOME SAFELY?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.34. If you were giving a party, how willing would you be TO PROVIDE RIDES HOME FOR YOUR GUESTS to reduce the likelihood of your guests' driving after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.35. How likely would you be to RESTRICT VEHICLE USE (E.G., CHILDREN CANNOT USE CAR AT NIGHT) in order to prevent someone from driving after they have had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.36. If you were going out and knew you would be drinking, how willing would you be to PLAN TO STAY OVERNIGHT instead of driving after you have had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.37. If you were giving a party, how willing would you be to PROVIDE OVERNIGHT ACCOMODATIONS FOR YOUR GUESTS so that they would not drive after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.38. If you were giving a party, how willing would you be to PLAN YOUR PARTY SO THAT DRIVING WOULD NOT BE NEEDED?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.39. How likely would you be to SCHEDULE PUBLIC EVENTS (E.G., SPORTS) SO THAT DRINKING-DRIVING IS MINIMIZED in order to prevent others from driving after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.40. How likely would you be to PLAN PARTY AGENDAS WHICH WOULD LIMIT DRINKING BEFORE DRIVING (E.G., SERVE DESSERT AND COFFEE BEFORE GUESTS LEAVE) in order to prevent others from driving after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.41. How likely would you be to AVOID SITUATIONS WHERE YOU KNOW YOU TEND TO DRIVE AFTER DRINKING TOO MUCH in order to prevent yourself from driving after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.42. How likely would you be to DECIDE NOT TO DRINK ALCOHOLIC BEVERAGES WHEN YOU HAVE TO DRIVE in order to be sure that you do not drive after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.43. How likely would you be to CALL A TAXI FOR A FRIEND/GUEST in order to prevent that person from driving after having had too much to drink?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.44. How likely would you be to INTERVENE TO STOP A PERSON FROM DRIVING AFTER DRINKING TOO MUCH?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.45. I would refuse to ride in a car with someone I thought had had too much to drink.

- a. Extremely likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

NOTE: Each of the following items are variations of some of the items included in items #27 - 44. The number of the item of which it is a variation is indicated and followed by an "a" (indicating an alternative form of an item.) (Willingness)

III.27a. If I were at a party and knew I would be driving afterwards, I would limit my alcohol level by scheduling my drinks (for example, drinking more slowly or making every other drink non-alcoholic).

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

- III.28a. In order to avoid driving alcohol-impaired, I would limit my alcohol level by stopping my drinking at a pre-determined time.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
- III.29a. If I were hosting a party, I would refuse drinks to guests I thought had drunk too much.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
- III.30a. I would use a breath test device (if available) to test myself for my alcohol-level before driving.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
- III.31a. After I stopped drinking, I would wait until my alcohol level was "safe" before getting into my car and driving.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
- III.32a. I would ask a friend to drive me home if I felt I had had too much to drink to drive safely.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
- III.33a I would volunteer not to drink alcoholic beverages in order to drive my friends home safely.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely

III.36a. I would stay overnight after a party to avoid driving after drinking too much.

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

III.40a. I would end my parties with dessert and coffee to be sure my guests limit their drinking before driving.

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

III.42a. If I had to drive after a social occasion, I would not drink alcoholic beverages.

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

III.44a. I would try to stop a person from driving after he/she had too much to drink to drive safely.

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

Part IV

III.46. You have just answered questions about 18 different actions which can be used to avoid driving after drinking too much. Thinking back on those 18 actions, please answer the following statement by checking the response which best describes your position.

If I were in a drinking situation, I would take at least one of the above actions to avoid driving after drinking too much.

- _____ STRONGLY AGREE
- _____ AGREE
- _____ NEITHER AGREE OR DISAGREE
- _____ DISAGREE
- _____ STRONGLY DISAGREE

The 18 actions are again listed below in items #47 - 64. We would like you to rank order all 18 in terms of how likely it is that you would do them. Place a "1" next to the one action which you would be most likely to do, place a "2" next to the action you would be next most likely to do, etc., until you place a "18" next to the action you would be least likely to do. (Willingness)

- III.47. a. _____ Limiting my alcohol level by scheduling my drinks (e.g., every other drink non-alcoholic, drink more slowly).
- III.48. b. _____ Limiting my alcohol level by stopping my drinking at a predetermined time.
- III.49. c. _____ Having hosts/hostesses watch and schedule drinking of guests.
- III.50. d. _____ Testing myself for my alcohol level (e.g., using a breath device, doing a dexterity test).
- III.51. e. _____ After I stop drinking, I wait until my alcohol level is "safe" for driving.
- III.52. f. _____ Asking someone else for a ride home.
- III.53. g. _____ Having one person volunteer not to drink in order to drive others home.
- III.54. h. _____ Offering to drive friends/guests home.
- III.55. i. _____ Restricting vehicle use (e.g., children cannot use car at night).
- III.56. j. _____ Plan to stay overnight somewhere.
- III.57. k. _____ Offer to let guests/friends stay overnight.
- III.58. l. _____ Plan parties so that driving is not needed.
- III.59. m. _____ Schedule public events (e.g., sports) so that drinking-driving is minimized.
- III.60. n. _____ Plan party agendas so that you limit drinking before driving (e.g., serve dessert and coffee before guests leave).

- III.61. o. _____ Avoid situations where I know I tend to drive after drinking.
- III.62. p. _____ Do not drink alcoholic beverages when I have to drive.
- III.63. q. _____ Call a taxi so that a friend/guest will not drive after drinking too much.
- III.64. r. _____ Intervene to stop a person from driving after drinking too much.

Part V

Below is a list of support techniques which can be used to limit your alcohol level. FOR EACH TECHNIQUE, please place a check in Column I if you have ever thought about using that technique as a way to keep down your alcohol level. Place a check in Column II if you have ever heard about the technique from someone else, even though you may not have considered using that technique yourself. Place a check in Column III if you have ever actually used that technique yourself. Be aware that, for each technique, you may check as many columns as apply.

	<u>COLUMN I</u> Yes, I have thought about doing this. (Knowledge)	<u>COLUMN II</u> Yes, I have heard about this from someone else. (Knowledge)	<u>COLUMN III</u> Yes, I have actually done this. (Behavior)
III.65. Eating while I drink in order to limit my alcohol level.			
III.66. Select low content alcohol beverages.			
III.67. Eat before I start to drink so that I limit the effects of alcohol.			
III.68. Provide non-alcoholic drinks at parties.			
III.69. Limit available alcohol (BYOB, Cash).			
III.70. Limit amount of alcohol available at events.			

Part VI

For each of the items #71 - 76 below, please check the response which most closely represents your willingness to use the underlined technique. Then indicate why you would use or not use the underline technique. (Willingness)

III.71. How likely would you be to EAT FOOD DURING YOUR DRINKING as a means of limiting your alcohol level?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.72. How likely would you be to SELECT LOW CONTENT ALCOHOL BEVERAGES as a means of limiting your alcohol level?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.73. How likely would you be to EAT BEFORE YOU STARTED DRINKING in order to limit your alcohol level?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.74. If you were giving a party, how willing would you be TO PROVIDE NON-ALCOHOLIC DRINKS as a means of limiting your guests' alcohol levels?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.75. If you were giving a party, how willing would you be TO LIMIT AVAILABLE ALCOHOL (BYOB, CASH) as a means of limiting your guests' alcohol levels?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

III.76. How likely would you be to LIMIT THE AMOUNT OF ALCOHOL PROVIDED AT EVENTS as a means of limiting the alcohol level of attendees?

- a. _____ I would never do this.
- b. _____ Infrequently, but I would do this under some circumstances.
- c. _____ I would do this, but I'm not sure how often.
- d. _____ I would be very willing under most circumstances.

If you answered (a) or (b), why would you be unlikely to take this action? _____

If you answered (c) or (d), what are the circumstances under which you would take this action? _____

Part VII

- III.77. You have just answered questions about 6 different support techniques to help you limit your alcohol level. Thinking back on those 6 techniques, please answer the following statement by checking the response which best describes your position.

If I were in a drinking situation, I would use at least one of the above techniques to limit my alcohol level.

_____ STRONGLY AGREE
_____ AGREE
_____ NEITHER AGREE OR DISAGREE
_____ DISAGREE
_____ STRONGLY DISAGREE

The 6 techniques are again listed below in Items 78-83. We would like you to rank order all 6 in terms of how likely it is that you would use them. Place a "1" next to the one technique which you would be most likely to use, place a "2" next to the technique you would be next most likely to use, etc., until you place a "6" next to the action you would be least likely to use. (Willingness)

- III.78. a. _____ Eating while I drink in order to limit my alcohol level.
- III.79. b. _____ Select low content alcohol beverages.
- III.80. c. _____ Eat before I start to drink so that I limit the effects of alcohol.
- III.81. d. _____ Provide non-alcoholic drinks at parties.
- III.82. e. _____ Limit available alcohol (BYOB, Cash).
- III.83. f. _____ Limit amount of alcohol available at events.

Part VIII

C.N.III.84. If a friend thought that you had had too much to drink, and that friend asked you not to drive, or that you wait until it was safe for you to drive, what would your reaction be? (CIRCLE ALL THAT APPLY) (DO NOT READ OR PROBE)

Agree with them/do what they suggest (compliance)
Get mad or upset, then agree to do what they suggest
(hostility, then compliance)
Yell at them, call them names, etc (verbal hostility)
Physical hostility
Be grateful to them
I would say my drinking is none of his/her business
Don't know/not sure
Drive anyway
Question their judgement
It all depends on how I felt, etc.
Other (please specify) _____

III.84a. If a friend thought that you had had too much to drink, and that friend asked you not to drive, or that you wait until it was safe for you to drive, what would your reaction be? (Please be as specific as possible) _____

C.N.III.85. If a bartender, waiter or waitress suggested to you that you had had enough to drink and should not drive, or that you wait until it was safe for you to drive, what would your reaction be?
(CIRCLE ALL THAT APPLY) (DO NOT READ OR PROBE)

Agree with them/do what they suggest (compliance)
Get mad or upset, then agree to do what they suggest
(hostility, then compliance)
Yell at them, call them names, etc (verbal hostility)
Physical hostility
Be grateful to them
I would say my drinking is none of his/her business
I would leave, and not return to that establishment
Don't know
Drive anyway
Question their judgement
It all depends on how I felt, etc.
Other (please specify) _____

III.85a. If a bartender, waiter or waitress suggested to you that you had had enough to drink and should not drive, or that you wait until it was safe for you to drive, what would your reaction be?
(Please be as specific as possible) _____

N.III.86. If a bartender, waiter or waitress suggested to you that your friend had had too much to drink and that you should not let your friend drive, what would your reaction be? (CIRCLE ALL THAT APPLY) (DO NOT READ OR PROBE)

Agree with them/do what they suggest (compliance)
Get mad or upset, then agree to do what they suggest
(hostility, then compliance)
Yell at them, call them names, etc (verbal hostility)
Physical hostility
Be grateful to them
I would say my drinking is none of his/her business
I would leave, and not return to that establishment
Don't know
Nothing, let the friend drive
Question their judgement
It all depends on circumstances
Other (please specify) _____

III.86a. If a bartender, waiter or waitress suggested to you that your friend had had too much to drink and that you should not let your friend drive, what would your reaction be? (Please be as specific as possible) _____

III.87 The following question should be asked in conjunction with #III.8 or III 8a.

Of each of the things you mentioned above that you COULD DO (to prevent someone else from driving after drinking too much), but WOULD NOT DO, please explain why you would not be willing to do each one. (INTERVIEWER: Ask respondent to give reason for each action which he/she could do, but indicated would not be willing to do. _____

Section IV: Knowledge or Impairment/Alcohol Level

INSTRUCTIONS: WE ARE INTERESTED IN FINDING OUT WHAT INDIVIDUALS THINK AND KNOW ABOUT DRINKING AND DRIVING. PLEASE ANSWER EACH QUESTION BELOW ACCORDING TO WHAT YOU KNOW OR HOW YOU FEEL ABOUT THE ISSUE BEING ADDRESSED. THANK YOU.

- C. IV. 1. Suppose you are drinking and will have to drive to leave that location. In these situations, what are your reasons for drinking alcoholic beverages. (Please be as specific as possible)

- IV. 2. Do you know what the legal limit for drinking and driving is in your state? (YES/NO) _____

- IV. 3. If yes to #2, what is the legal limit in your State? _____

- IV. 4. Can you tell when someone has had too much to drink to drive safely? (YES/NO) _____

- IV. 5. If yes to #4, how can you tell when someone has had too much to drink to drive safely? (Be specific) _____

C.N.IV.5a. How can you tell when someone else had had too much to drink to drive safely? (CHECK ALL RESPONSES; DO NOT READ; DO NOT PROBE)

Number of drinks
Slurred speech
Weaving/Staggering
Personality change (e.g., very talkative, loud, aggressive,
very quiet, etc.)
Getting sick
Can't stand up
Sleepy
General behavior
Passed out
Can just tell (nothing specific)
Can't tell
Other (please specify)

N.IV. 6. Can you tell when you have had too much to drink to drive safely?
(YES/NO) _____

IV. 7. If yes to #6, how can you tell? (Be specific) _____

C.N.IV.7a. How can you tell when you have had too much to drink to drive safely? (CHECK ALL RESPONSES; DO NOT READ; DO NOT PROBE)

Number of drinks
Slurred speech
Weaving/Staggering
Personality change (e.g., very talkative, loud, aggressive,
very quiet, etc.)
Getting sick
Can't stand up
Sleepy
General Behavior
Passed out
Can just tell (nothing specific)
Can't tell (CHANGE RESPONSE TO QUESTION 6 TO NO)
Other (Please specify)

INSTRUCTIONS: FOR ITEMS 8-10, SUPPOSE YOU ARE ATTENDING A TYPICAL SOCIAL OCCASION WHERE YOU ARE DRINKING. ANSWER THESE QUESTIONS AS IF YOU WERE IN SUCH A SITUATION.

- IV. 8. For how many hours do you usually drink during your typical social occasions? _____
- IV. 9. How many drinks do you usually have in this time period? _____
- IV.10. Do you drive immediately after having this number of drinks?
(YES/NO) _____
(IF YES, GO TO #11; IF NO, GO TO #15)
- IV.11. If yes to item #10, how many drinks would you have to have in your typical drinking time period before you would NOT feel safe to drive? _____
- IV.12. What cues do you experience after having the number of drinks stated in item 11 which make you feel unsafe to drive? _____

- IV.13. After having the number of drinks stated in item 11, do you think you would be above the legal limit for drinking and driving?
(YES/NO) _____
- IV.14. After having the number of drinks stated in item #11. what do you think your BAC would be? _____ (Go to question #18)
- IV.15. If No to item #10, what cues do you experience after having had the number of drinks stated in item #9 which make you feel unsafe to drive? _____

- IV.16. After having the number of drinks stated in item #9, do you think you would be above the legal limit for drinking and driving? (YES/NO) _____
- IV.17. After having the number of drinks stated in item #9, what do you think your BAC would be? _____
- C. IV.18. Can you tell when you are at or above the legal limit for drinking and driving? (YES/NO) _____
- C. IV.19. If yes to item #18, how can you tell? (Please be as specific as possible) _____

- IV.20. Are there any techniques available to determine when a person who has been drinking is unable to drive safely? (YES/NO) _____
- IV.21. If yes to item #20, what are these techniques? _____

- IV.22. Do you use any of these techniques you mentioned in item #21? (YES/NO) _____
- IV.23. If yes to item #22, which techniques do you use? _____

Section V: Available Alternatives to Driving

INSTRUCTIONS: WE ARE INTERESTED IN LEARNING ABOUT WHAT INDIVIDUALS KNOW ABOUT DRINKING AND DRIVING ISSUES IN THEIR COMMUNITIES. WE WOULD APPRECIATE YOUR ANSWERS TO THE FOLLOWING QUESTIONS.

V. 1. Where do you usually do most of your drinking?

- a. Bars/Taverns
- b. Restaurants
- c. Cocktail Lounges
- d. Your own home
- e. Other people's homes
- f. Sporting Events
- g. Cars/Vans
- h. Other (please specify) _____

V. 2. If you do not drink exclusively in the location mention in Item #1 above, which is the next most likely place where you drink?

- a. Bars/Taverns
- b. Restaurants
- c. Cocktail Lounges
- d. Your own home
- e. Other people's homes
- f. Sporting Events
- g. Cars/Vans
- h. Other (please specify) _____

V. 3 (See Item #C.G.5; if only one item on drinking location will be used, item C.G.5 is preferable to above two items.)

V. 4. When you have driven to one of the drinking locations mentioned in item C.G.5 above, are there alternatives available to you so that you can avoid driving if you have had too much to drink? (YES/NO)

V. 5. If yes to item #4, please name these alternatives. (BE SPECIFIC)

C. V. 6. Are there any services available in your community that individuals can use to avoid driving after they have had too much to drink? (YES/NO/DON'T KNOW)

N.V.6a. In your community are there any services--such as taxis, dial-a-ride, or public transportation which people could use so that they would not have to drive after drinking too much? (YES/NO/DON'T KNOW)

V.7. If yes to item #6, please name and/or describe these services.

C.N.V.7a. What are these services? (DO NOT READ)

Taxi
Public Transportation
Dial-a-Ride
Police
(Name of a specific local program)
(other (please specify))

V.7b. Here is a list of services which people could use to avoid driving after drinking too much. Which ones are available in your community?

Public Transportation (e.g., bus, subway, train)
Dial-a-Ride
Specially subsidized Taxi/Van
Police offer rides home
Private Taxi (i.e., customer pays)
Other not above list (Please specify)

V.8. Is there a fee for the use of any of the services mentioned in item #7 (or 7a or 7b) above? (YES/NO/DON'T KNOW) _____

V. 9. If yes to item #8, which services have fees and what is the cost of each? _____

V.10. Who sponsors/supports each of the services mentioned in item #7 (or 7a or 7b) above? (Please be as specific as possible)

C. V.11. Have you ever used any of these community-sponsored services? (YES/NO) _____

V.12. If yes to item #11 which service(s) did you use and under what circumstances did you use it (them)? _____

C. V.13. Would you use any of these services? (YES/NO/NOT SURE) _____

(If YES, GO TO ITEM #14. If NO, GO TO ITEM #17. IF NOT SURE, GO TO ITEM #19)

N.V.13a. (Ask only if positive responses to items 6a and 7a)

Are you willing to use these services (mentioned in 7a)? (DO NOT READ: YES/NO/NOT SURE) _____

N.V.13b. (Ask only if response to items 6a was "NO" or "DON'T KNOW")

If these services were available, would you be willing to use them? (DO NOT READ: YES/NO/NOT SURE) _____

- V.14. If YES to ITEM #13, which services would you be most likely to use? _____

- V.15. Under which circumstances would you be most likely to use the services mentioned in item #14? _____

- V.16. Under which circumstances would you be least likely to use the services mentioned in item #14? _____

- V.17. If NO to ITEM #13, why would you be unlikely to use any of these services? _____

- V.18. What, if anything, would make you likely to use these services? _____

- V.19. If NOT SURE to ITEM #13, can you think of anything which would increase your likelihood to use any of these services? If yes, please state. _____

N.V.20. Are there any special conditions under which you would be likely to use these services? (YES/NO/NOT SURE) _____ *

N.V.21. What are these conditions? (DO NOT READ: CHECK ALL WHICH APPLY)*

No Other way home
Long distance to go
Bad weather/roads
Late at night
Really drunk
Felt a threat of an accident
Lots of police out
Special time (New Year's Eve, etc.)
Don't know
Other (Please specify)

V.22. Can you think of any other community-sponsored services which could be offered (but are not presently offered in your community) to help individuals avoid driving after having had too much to drink? If so, please name these. _____

* Items #20 and #21 were asked in conjunction with items 13a and 13b; users may wish to use these two items instead of items #14-19. Note also that several items in this section are diagnostic in nature.

FIGURE 7

QUICK REFERENCE TO CODES
EMPLOYED IN
INVENTORY OF ALCOHOL ITEMS¹

<u>CODE</u>	<u>MEANING</u>
C	Core item
N	Item used in 1982 national survey
P	Attitude item about DWI problem
O	Attitude item about individual obligation to curtail DWI problem
G	Attitude item (problem or obligation) addressing a general concept
I	Attitude item (problem or obligation) addressing actions other individuals do or should do
S	Attitude item (problem or obligation) addressing action respondent does or should do
Peer/Societal	Attitude items dealing with peer pressure or societal expectations

1. For a more detailed explanation of these codes, refer to the explanatory text on page 13 of this document.

SPECIAL ALCOHOL SURVEY FORMS

General Deterrence Emphasis Form

The first two (2) questions should be used as screening questions to insure that respondents drink alcoholic beverages and have a driver's license. Note also the code in parentheses beneath each item number identifies the item in the Inventory of Alcohol Items.

1. Do you drink alcoholic beverages even occasionally?
(C.G.1.)

_____ Yes
_____ I used to, but not anymore
_____ No

2. Are you currently a licensed driver?
(C.G.2)

_____ Yes _____ No

3. Have you ever driven within one hour of drinking an alcoholic beverage? (Do not read responses)
(C.G.3)

- a. No, I never have
b. I used to, but I don't anymore
c. Yes, I do sometimes

4. Record Sex of Respondent
(C.N.G.7)

_____ Male _____ Female

INSTRUCTIONS: LISTED BELOW IS A SET OF STATEMENTS ABOUT DRINKING AND DRIVING. WE ARE INTERESTED IN YOUR PERSONAL REACTION TO EACH STATEMENT. PLEASE INDICATE THE DEGREE TO WHICH YOU PERSONALLY AGREE OR DISAGREE WITH EACH STATEMENT BY CIRCLING THE LETTER IN THE APPROPRIATE COLUMN CORRESPONDING TO YOUR ANSWER ON THE RIGHT SIDE OF THE PAGE. BE AWARE THAT THERE ARE NO RIGHT OR WRONG ANSWERS; WE ARE INTERESTED IN YOUR PERSONAL REACTIONS.

Strongly Agree (a); Agree (b); Disagree (c); Strongly Disagree (d)

- | | | |
|------------------|--|---------------------|
| 5.
(C.N.I.1) | I should take positive action to prevent others from driving while impaired by alcohol. | 5. a b c d |
| 6.
(C.I.6) | The police and the courts are the ones primarily responsible for doing something about alcohol-impaired driving. | 6. a b c d |
| 7.
(C.I.9) | If I am alcohol-impaired, I do not drive. | 7. a b c d |
| 8.
(C.N.I.15) | I should take action to avoid my own alcohol-impaired driving. | 8. a b c d |
| 9.
(C.N.I.18) | Except for alcoholics and persons with real drinking problems, few people drive alcohol-impaired. | 9. a b c d |
| 10.
(C.I.30) | The way I usually drink alcohol does not affect my driving abilities. | 10. a b c d |
| 11.
(C.I.35a) | Among your friends, is it acceptable to suggest to persons who have had too much to drink, that they should not drive, or that they wait until their alcohol level is safe for driving? Would you say it is:
a. Highly acceptable
b. Somewhat acceptable
c. Somewhat unacceptable
d. Highly unacceptable | 11. _____ |

FOR THE NEXT TWO ITEMS, PLEASE INDICATE THE DEGREE TO WHICH YOU PERSONALLY AGREE OR DISAGREE WITH THE STATEMENTS.

12. I would drive after drinking enough to be legally drunk. _____
(C.N.II.1) a. Strongly Agree
b. Agree
c. Not Sure
d. Disagree
e. Strongly Disagree

13. Even if it were legal I would not drive after _____
(C.N.II.2) drinking too much.
a. Strongly Agree
b. Agree
c. Not Sure
d. Disagree
e. Strongly Disagree

14. If you were to drive after drinking too much, what do _____
(C.N.II.3) you feel would be the chances of your getting caught
and punished? (Indicate how many times out of 100)

15. On what basis did you make this estimate of getting _____
(N.II.4) caught? (Please be as specific as possible)

16. Is the number in answer to Question 14 high enough _____
(C.N.II.5) to keep you from driving after drinking too much?
(Yes/No)

17. Why do you think you might be able to drive after drinking too _____
(C.N.II.8) much and not get caught and punished?

NOTE: GO ON TO ANSWER THE REMAINING QUESTIONS, BUT DO NOT RETURN TO CHANGE ANY OF THE ANSWERS YOU GAVE TO ITEMS 12-17 ABOVE.

18. If you were to drive after drinking too much, what are the chances out of 100 you would be seen by the police? _____
(C.II.10)

19. If you drive after drinking too much, and are seen by the police or others, what are the chances out of 100 you would be stopped by the police? _____
(C.II.14)

20. If you drive after drinking too much, and are stopped by the police, what are the chances out of 100 you would be identified by the police as a drunk driver? _____
(C.II.18)

21. If you drive after drinking too much, and are identified by the police as a drunk driver, what are chances out of 100 you would suffer some negative consequences? _____
(C.II.22)

22. If you were convicted of a drunk driving first offense would you find the consequences to be: _____
(II.25)
a. extremely unpleasant
b. very unpleasant
c. somewhat unpleasant
d. not very unpleasant
e. not at all unpleasant

23. Do these consequences influence your decision to drive after drinking too much? Would you say they _____
(II.26)
a. strongly influence my decision
b. influence me a little
c. is so low I don't worry about it
d. never thought about it

24. What might the police and courts do so that you wouldn't drive while impaired by alcohol?
(N.II.27)

25. Suppose you were planning to drive someplace where you knew there
(N.III.5a) would be drinking. Are there things you COULD DO so that you would
not have to drive after having drunk too much? (Yes/No/Don't
Know; DO NOT READ) _____

26. If yes to 25, what are the things you COULD DO? (Check responses
(N.III.6a) in Column A; DO NOT READ OR PROBE)

Column A (COULD)	Column B (HAVE)
---------------------	--------------------

Don't drink alcoholic beverages

Limit the number of drinks

Eat food

Drink some alcoholic beverages and some
non-alcoholic beverages

Stop drinking at a predetermined time

Plan to have someone else drive home

Plan to take a taxi/public transportation

Test self for own alcohol level

Stay overnight

Drink coffee

Dilute drinks

Other (Please specify) _____

27. Now name the things you HAVE DONE within the past year to
(N.III.6a) avoid driving after drinking too much. (Check responses in
Column B; DO NOT READ OR PROBE)

28. How can you tell when you have had too much to drink to drive
(C.N.IV.7a) safely? (Check all responses; DO NOT READ OR PROBE.)

Number of drinks

Slurred Speech

Weaving/Staggering

Personality changes (e.g., very talkative, loud, aggressive,
very quiet, etc.)

Getting sick

Can't stand up

Sleepy

General Behavior

Passed out

Can just tell (nothing specific)

Can't tell

Other (Please specify) _____

29. Are there any services available in your community that
(C.V.6) individuals can use to avoid driving after they have had
too much to drink? (Yes/No/Don't Know) _____

30. What are these services? (Do Not Read; Check All Responses)
(C.N.V.7a)

Taxi

Public Transportation

Dial-a-Ride

Police

(Name of a specific local program)

Other (Please specify)

Public Information and Education Emphasis Form

The first two (2) questions should be used as screening questions to insure that respondents drink alcoholic beverages and have a driver's license. Note also the code in parentheses beneath each item number identifies the item in the Inventory of Alcohol Items.

1. Do you drink alcoholic beverages even occasionally?
(C.G.1.)

_____ Yes
_____ I used to, but not anymore
_____ No

2. Are you currently a licensed driver?
(C.G.2)

_____ Yes _____ No

3. Have you ever driven within one hour of drinking an alcoholic beverage? (Do not read responses)
(C.G.3)

- a. No, I never have
b. I used to, but I don't anymore
c. Yes, I do sometimes

4. Within the past 12 months, how often have you driven after you have had too much to drink for safe driving?
(C.G.4b)

- a. Daily
b. 2 to 6 times a week
c. Once a week
d. Once every 2 weeks
e. Once a month
f. About 4-6 times a year
g. About once or twice a year
h. Never

5. Record Sex of Respondent
(C.N.G.7)

INSTRUCTIONS: LISTED BELOW IS A SET OF STATEMENTS ABOUT DRINKING AND DRIVING. WE ARE INTERESTED IN YOUR PERSONAL REACTION TO EACH STATEMENT. PLEASE INDICATE THE DEGREE TO WHICH YOU PERSONALLY AGREE OR DISAGREE WITH EACH STATEMENT BY CIRCLING THE LETTER IN THE APPROPRIATE COLUMN CORRESPONDING TO YOUR ANSWER ON THE RIGHT SIDE OF THE PAGE. BE AWARE THAT THERE ARE NO RIGHT OR WRONG ANSWERS; WE ARE INTERESTED IN YOUR PERSONAL REACTIONS.

Strongly Agree (a); Agree (b); Disagree (c); Strongly Disagree (d)

- | | | |
|-------------------|--|-------------|
| 6.
(C.N.I.1) | I should take positive action to prevent others from driving while impaired by alcohol. | 6. a b c d |
| 7.
(I.4.) | People I know sometimes drive while impaired by alcohol. | 7. a b c d |
| 8.
(C.I.6) | The police and the courts are the ones primarily responsible for doing something about alcohol-impaired driving. | 8. a b c d |
| 9.
(C.N.I.8) | In the past, I may have driven when my abilities were impaired by alcohol. | 9. a b c d |
| 10.
(C.I.9) | If I am alcohol-impaired, I do not drive. | 10. a b c d |
| 11.
(C.N.I.15) | I should take action to avoid my own alcohol-impaired driving. | 11. a b c d |
| 12.
(C.N.I.18) | Except for alcoholics and persons with real drinking problems, few people drive alcohol-impaired. | 12. a b c d |
| 13.
(N.I.20) | People who occasionally drink in social settings are among those who drive when impaired by alcohol. | 13. a b c d |

14. We can avoid most alcohol-related accidents by dealing with a small group of people who drive when their abilities are severely impaired by alcohol. 14. a b c d
(I.25)
15. People who can "hold their liquor" don't have to worry about driving drunk. 15. a b c d
(I.26)
16. When people like me drive alcohol-impaired they become part of the drunk-driving problem. 16 a b c d
(I.28)
17. The way I usually drink alcohol does not affect my driving abilities. 17. a b c d
(C.I.30)
18. I don't try to stop friends from driving after drinking too much because their drinking-driving behavior is really none of my business. 18. a b c d
(I.31)
19. Among your friends, is it acceptable to suggest to persons who have had too much to drink, that they should not drive, or that they wait until their alcohol level is safe for driving? Would you say it is: 19. _____
(C.I.35a)
a. Highly acceptable
b. Somewhat acceptable
c. Somewhat unacceptable
d. Highly unacceptable
20. I would drive after drinking enough to be legally drunk. 20. _____
(C.N.II.1)
a. Strongly Agree
b. Agree
c. Not Sure
d. Disagree
e. Strongly Disagree

21. Even if it were legal I would not drive after drinking too much: 21. _____
(C.N.II.2) a. Strongly Agree
b. Agree
c. Not Sure
d. Disagree
e. Strongly Disagree
22. If you were to drive after drinking too much, 22. _____
(C.N.II.3) what do you feel would be the chances of your
getting caught and punished?
(Indicate how many times out of 100)
23. On what basis did you make this estimate of getting
(N.II.4) caught? (Please be as specific as possible)

24. Is the number in answer to Question 22 high enough 24. _____
(C.N.II.5) to keep you from driving after drinking too much?
(Yes/No)
25. Suppose you were planning to drive someplace where you knew there
(N.III.5a) would be drinking. Are there things you COULD DO so that you would
not have to drive after having drunk too much? (Yes/No/Don't Know;
DO NOT READ) _____

26a. What are the things you COULD DO? (Check responses in Column A;
(N.III.6a) DO NOT READ OR PROBE)

Col. A <u>COULD DO</u>	Col. B <u>WOULD DO</u>	Col. C <u>HAVE DONE</u>
---------------------------	---------------------------	----------------------------

Don't drink alcoholic beverages

Limit the number of drinks

Eat food

Drink some alcoholic beverages and some
non-alcoholic beverages

Stop drinking at a predetermined time

Plan to have someone else drive home

Plan to take a taxi/public transportation

Test self for own alcohol level

Stay overnight

Drink coffee

Dilute drinks

Other (Please specify) _____

26b. Now of the things you mentioned you could do, which ones
(N.III.6a) WOULD you be willing to do? (Check responses in Column
B; DO NOT READ OR PROBE)

26c. Now name the things you HAVE DONE within the past year to
(N.III.6a) avoid driving after drinking too much. (Check responses in
Column C; DO NOT READ OR PROBE)

27. Suppose you were giving a party, or were in a place where there
(N.III.7a) was drinking. Are there any things you COULD do to help keep
others from driving after drinking too much? (YES/NO/DON'T KNOW;
DO NOT READ) _____

28. What are the things you COULD do to keep others from driving after
(N.III.8a) drinking too much? (CHECK IN COLUMN A RESPONSES NAMED; DO NOT PROBE
OR READ RESPONSES)

<u>Col. A</u>	<u>Col. B</u>	<u>Col. C</u>
<u>COULD DO</u>	<u>WOULD DO</u>	<u>HAVE DONE</u>

Serve non-alcoholic beverages

Monitor the drinking of guests/friends

Volunteer not to drink in order to
drive others

Limit the amount of alcohol served

Stop serving drinks at an appropriate
time

Intervene to stop the person from driving

Drive other persons home

Serve food

Let person stay overnight

Suggest waiting until effects of
alcohol wear off

Call a cab

Dilute drinks

Other (Please specify) _____

28b. Of the actions you just mentioned, which, if any, WOULD you be
(N.III.8a) willing to do? (CHECK RESPONSES IN COLUMN B; DO NOT READ OR PROBE)

28c. Which of these HAVE YOU DONE in the past year to prevent someone else
(N.III.8a) from driving after drinking too much? (CHECK RESPONSES GIVEN IN
COLUMN C; DO NOT READ OR PROBE)

29. Of each of the things you mentioned above that you COULD DO but WOULD NOT DO, please explain why you would not be willing to do each one. (Interviewer: Ask respondent to give reason for each action which he/she could do, but indicated would not be willing to do.)

30. How can you tell when you have had too much to drink to drive safely? (C.N.IV.7a) (Check all responses; DO NOT READ OR PROBE.)

Number of drinks
Slurred Speech
Weaving/Staggering
Personality changes (e.g., very talkative, loud, aggressive, very quiet, etc.)
Getting sick
Can't stand up
Sleepy
General Behavior
Passed out
Can just tell (nothing specific)
Can't tell
Other (Please specify) _____

31. Are there any services available in your community that individuals can use to avoid driving after they have had too much to drink? (C.V.6) (Yes/No/Don't Know) _____

32. What are these services? (Do Not Read; Check All Responses) (C.N.V.7a)

Taxi
Public Transportation
Dial-a-Ride
Police
(Name of a specific local program)
Other (Please specify)

NOTE:

IN THE EVENT OF TIME LIMITATIONS IN CONDUCTING THIS SURVEY, THE FOLLOWING ITEMS MAY BE OMITTED. HOWEVER, WE STRONGLY URGE COLLECTING INFORMATION ON THE ISSUES LISTED BELOW.

For each of the following items, please indicate how likely it would be for you to take the action indicated. There are no right or wrong answers; we are interested only in your personal reactions.

33. (III.27a) If I were at a party and knew I would be driving afterwards, I would limit my alcohol level by scheduling my drinks (for example, drinking more slowly or making every other drink non-alcoholic).
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
34. (III.28a) In order to avoid driving alcohol-impaired, I would limit my alcohol level by stopping my drinking at a pre-determined time.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
35. (III.29a) If I were hosting a party, I would refuse drinks to drivers I thought had drunk too much.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
36. (III.30a) I would use a breath test device (if available) to test myself for my alcohol-level before driving.
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely

37. I would refuse to ride in a car with a driver I thought had too much to drink.
(III.45)
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
38. After I stopped drinking, I would wait until my alcohol level was "safe" before getting into my car and driving.
(III.31a)
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
39. I would ask a friend to drive me home if I felt I had had too much to drink to drive safely.
(III.32a.)
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
40. I would volunteer not to drink alcoholic beverages in order to drive my friends home safely.
(III.33a.)
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely
41. I would stay overnight after a party to avoid driving after drinking too much.
(III.36a.)
- a. Extremely Likely
 - b. Likely
 - c. Unlikely
 - d. Extremely Unlikely

42. I would end my parties with dessert and coffee to be sure my
(III.40a.) guests limit their drinking before driving.

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

43. If I had to drive after a social occasion, I would not drink
(III.42a.) alcoholic beverages.

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

44. I would try to stop a person from driving after he/she had
(III.44a.) too much to drink to drive safely.

- a. Extremely Likely
- b. Likely
- c. Unlikely
- d. Extremely Unlikely

Both General Deterrence and Public Information/Education Emphasis Form

The first two (2) questions should be used as screening questions to insure that respondents drink alcoholic beverages and have a driver's license. Note also the code in parentheses beneath each item number identifies the item in the Inventory of Alcohol Items.

1. Do you drink alcoholic beverages even occasionally?
(C.G.1.)

_____ Yes
_____ I used to, but not anymore
_____ No

2. Are you currently a licensed driver?
(C.G.2)

_____ Yes _____ No

3. Have you ever driven within one hour of drinking an alcoholic beverage? (Do not read responses)
(C.G.3)

- a. No, I never have
b. I used to, but I don't anymore
c. Yes, I do sometimes

4. Within the past 12 months, how often have you driven after you have had too much to drink for safe driving?
(C.G.4b)

- a. Daily
b. 2 to 6 times a week
c. Once a week
d. Once every 2 weeks
e. Once a month
f. About 4-6 times a year
g. About once or twice a year
h. Never

5. Record Sex of Respondent
(C.N.G.7)

INSTRUCTIONS: LISTED BELOW IS A SET OF STATEMENTS ABOUT DRINKING AND DRIVING. WE ARE INTERESTED IN YOUR PERSONAL REACTION TO EACH STATEMENT. PLEASE INDICATE THE DEGREE TO WHICH YOU PERSONALLY AGREE OR DISAGREE WITH EACH STATEMENT BY CIRCLING THE LETTER IN THE APPROPRIATE COLUMN CORRESPONDING TO YOUR ANSWER ON THE RIGHT SIDE OF THE PAGE. BE AWARE THAT THERE ARE NO RIGHT OR WRONG ANSWERS; WE ARE INTERESTED IN YOUR PERSONAL REACTIONS.

Strongly Agree (a); Agree (b); Disagree (c); Strongly Disagree (d)

- | | | |
|-------------------|--|-------------|
| 6.
(C.N.I.1) | I should take positive action to prevent others from driving while impaired by alcohol. | 6. a b c d |
| 7.
(I.4.) | People I know sometimes drive while impaired by alcohol. | 7. a b c d |
| 8.
(C.I.6) | The police and the courts are the ones primarily responsible for doing something about alcohol-impaired driving. | 8. a b c d |
| 9.
(C.N.I.8) | In the past, I may have driven when my abilities were impaired by alcohol. | 9. a b c d |
| 10.
(C.I.9) | If I am alcohol-impaired, I do not drive. | 10. a b c d |
| 11.
(C.N.I.15) | I should take action to avoid my own alcohol-impaired driving. | 11. a b c d |
| 12.
(C.N.I.18) | Except for alcoholics and persons with real drinking problems, few people drive alcohol-impaired. | 12. a b c d |
| 13.
(N.I.20) | People who occasionally drink in social settings are among those who drive when impaired by alcohol. | 13. a b c d |

- | | | |
|-------------------|--|-------------|
| 14.
(I.25) | We can avoid most alcohol-related accidents by dealing with a small group of people who drive when their abilities are severely impaired by alcohol. | 14. a b c d |
| 15.
(I.26) | People who can "hold their liquor" don't have to worry about driving drunk. | 15. a b c d |
| 16.
(I.28) | When people like me drive alcohol-impaired they become part of the drunk-driving problem. | 16 a b c d |
| 17.
(C.I.30) | The way I usually drink alcohol does not affect my driving abilities. | 17. a b c d |
| 18.
(I.31) | I don't try to stop friends from driving after drinking too much because their drinking-driving behavior is really none of my business. | 18. a b c d |
| 19.
(C.I.35a) | Among your friends, is it acceptable to suggest to persons who have had too much to drink, that they should not drive, or that they wait until their alcohol level is safe for driving? Would you say it is:
a. Highly acceptable
b. Somewhat acceptable
c. Somewhat unacceptable
d. Highly unacceptable | 19. _____ |
| 20.
(C.N.II.1) | I would drive after drinking enough to be legally drunk.
a. Strongly Agree
b. Agree
c. Not Sure
d. Disagree
e. Strongly Disagree | 20. _____ |

21. Even if it were legal I would not drive after drinking too much: 21. _____
(C.N.II.2) a. Strongly Agree
b. Agree
c. Not Sure
d. Disagree
e. Strongly Disagree
22. If you were to drive after drinking too much, 22. _____
(C.N.II.3) what do you feel would be the chances of your
getting caught and punished?
(Indicate how many times out of 100)
23. On what basis did you make this estimate of getting
(N.II.4) caught? (Please be as specific as possible)

24. Is the number in answer to Question 22 high 24. _____
(C.N.II.5) enough to keep you from driving after
drinking too much? (Yes/No)
25. Why do you think you might be able to drive after drinking too
(C.N.II.8) much and not get caught and punished?

NOTE: GO ON TO ANSWER THE REMAINING QUESTIONS, BUT DO NOT RETURN TO CHANGE ANY OF THE ANSWERS YOU GAVE TO ITEMS 20-25 ABOVE.

26. If you were to drive after drinking too much, what are the chances out of 100 you would be seen by the police? _____
(C.II.10)
27. If you drive after drinking too much, and are seen by the police or others, what are the chances out of 100 you would be stopped by the police? _____
(C.II.14)
28. If you drive after drinking too much, and are stopped by the police, what are the chances out of 100 you would be identified by the police as a drunk driver? _____
(C.II.18)
29. If you drive after drinking too much, and are identified by the police as a drunk driver, what are chances out of 100 you would suffer some negative consequences? _____
(C.II.22)
30. If you were convicted of a drunk driving first offense would you find the consequences to be: _____
(II.25)
- a. extremely unpleasant
 - b. very unpleasant
 - c. somewhat unpleasant
 - d. not very unpleasant
 - e. not at all unpleasant
31. Do these consequences influence your decision to drive after drinking too much? Would you say they _____
(II.26)
- a. strongly influence my decision
 - b. influence me a little
 - c. is so low I don't worry about it
 - d. never thought about it
32. What might the police and courts do so that you wouldn't drive while impaired by alcohol?
(N.II.27)
- _____
- _____
- _____
- _____

33. Suppose you were planning to drive someplace where you knew there would be drinking. Are there things you COULD DO so that you would not have to drive after having drunk too much? (Yes/No/Don't Know; DO NOT READ) _____

34a. What are the things you COULD DO? (Check responses in Column A; DO NOT READ OR PROBE)

<u>Col. A</u>	<u>Col. B</u>	<u>Col. C</u>
<u>COULD DO</u>	<u>WOULD DO</u>	<u>HAVE DONE</u>

Don't drink alcoholic beverages

Limit the number of drinks

Eat food

Drink some alcoholic beverages and some non-alcoholic beverages

Stop drinking at a predetermined time

Plan to have someone else drive home

Plan to take a taxi/public transportation

Test self for own alcohol level

Stay overnight

Drink coffee

Dilute drinks

Other (Please specify) _____

34b. Now of the things you mentioned you could do, which ones WOULD you be willing to do? (Check responses in Column B; DO NOT READ OR PROBE)

34c. Now name the things you HAVE DONE within the past year to avoid driving after drinking too much. (Check responses in Column C; DO NOT READ OR PROBE)

35. Suppose you were giving a party, or were in a place where there
 (N.III.7a) was drinking. Are there any things you COULD do to help keep
 others from driving after drinking too much? (YES/NO/DON'T KNOW;
 DO NOT READ) _____

36a. What are the things you COULD do to keep others from driving after
 (N.III.8a) drinking too much? (CHECK IN COLUMN A RESPONSES NAMED; DO NOT PROBE
 OR READ RESPONSES)

Col. A	Col. B	Col. C
<u>COULD DO</u>	<u>WOULD DO</u>	<u>HAVE DONE</u>

Serve non-alcoholic beverages

Monitor the drinking of guests/friends

Volunteer not to drink in order to
 drive others

Limit the amount of alcohol served

Stop serving drinks at an appropriate
 time

Intervene to stop the person from driving

Drive other persons home

Serve food

Let person stay overnight

Suggest waiting until effects of
 alcohol wear off

Call a cab

Dilute drinks

Other (Please specify) _____

36b. Of the actions you just mentioned, which, if any, WOULD you be
 (N.III.8a) willing to do? (CHECK RESPONSES IN COLUMN B; DO NOT READ OR PROBE)

36c. Which of these HAVE YOU DONE in the past year to prevent someone
(N.III.8a) else from driving after drinking too much? (CHECK RESPONSES GIVEN
IN COLUMN C; DO NOT READ OR PROBE)

37. Of each of the things you mentioned above that you COULD DO but
WOULD NOT DO, please explain why you would not be willing to do
each one. (Interviewer: Ask respondent to give reason for each
action which he/she could do, but indicated would not be willing
to do.)

38. How can you tell when you have had too much to drink to drive
(C.N.IV.7a) safely? (Check all responses; DO NOT READ OR PROBE.)

Number of drinks
Slurred Speech
Weaving/Staggering
Personality changes (e.g., very talkative, loud, aggressive,
very quiet, etc.)
Getting sick
Can't stand up
Sleepy
General Behavior
Passed out
Can just tell (nothing specific)
Can't tell
Other (Please specify) _____

39. Are there any services available in your community that
(C.V.6) individuals can use to avoid driving after they have had
too much to drink? (Yes/No/Don't Know) _____

40. What are these services? (Do Not Read; Check All Responses)
(C.N.V.7a)

Taxi

Public Transportation

Dial-a-Ride

Police

(Name of a specific local program)

Other (Please specify)