

COURT PROCEDURES FOR IDENTIFYING PROBLEM DRINKERS

Volume 3 Scoring Keys

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Scoring Keys (Revised)

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16. Abstract HSRI, under Contract FH-11-7615 with the National Highway Traffic Safety Administration (NHTSA), developed, during 1970 and 1971, a set of procedures for identifying problem drinkers. They were intended for use in court setting, such as a pre-sentence investigation, but they are generally applicable in a wide range of settings. An objective was that they be usable by persons not having a great deal of prior experience or expertise in diagnosing problem drinkers, and we believe this objective has been substantially achieved. <u>Volume 3: Scoring Keys</u> contains a description of the manner in which the questionnaire and interview, either separately or in combination, are scored. The scoring procedure is straightforward and results in an arithmetic score which places the respondent in one of three categories: problem drinker, presumptive problem drinker, or non-problem drinker. Two versions of this report have been produced, both having the same cover and date. The numbering of the questionnaire and interview of the newer version matches the changes made in the <u>Manual: Volume 1</u> , and recommended keypunching formats are also included. The newer version contains thirty-six (36) pages while the older version contains thirty-two (32) pages. The older version should be replaced and subsequently destroyed.					
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SCORING PROCEDURE

This volume provides directions for scoring the Questionnaire and Interview described in Volume I, tells how the scores should be interpreted, and provides the keys necessary for scoring.

There are three separate scoring keys which are used to score the Questionnaire and Interview. Key-1 and Key-2 are used to score the Questionnaire and Key-3 scores the Interview. The following directions are provided for scoring.

SCORING THE QUESTIONNAIRE: Key-1

GENERAL INFORMATION

The Questionnaire contains two types of responses: True (yes)-False (no); and numbered answers.

The answers in the Questionnaire (Key-1 and Key-2) which are indicative of problem drinking are marked with a black dot. A number is provided in the answer space for those questions asking for that type of response.

OBTAINING A SCORE

Take the Questionnaire filled in by the offender and line page 1 up with the vertical line on page 1 of the scoring Key-1 (see sample in Figure 1). Make sure the numbers to the right of the answers are aligned.

Compare the offender's answers with those in the scoring key. For each answer the offender marks the same as the dot on the scoring key, give him one point.

The numbered answers also receive one point for each matching response. The numbers on the scoring key are usually followed by the words, "or more." In those cases, if the person answers with a number equal to or higher than the number in the scoring key, he will receive a point for that answer. For example:

OFFENDER'S ANSWER SHEET

		SCORING KEY-1
1. What is your present marital status?		
1. single		
2. separated		
3. divorced		
4. widowed		
5. married		
Enter number here- - - - -	(# 5) 221	221
2. With whom do you live?		
1. alone		
2. with friend(s)		
3. with relatives(s)		
4. with wife (husband)		
5. with ex-wife (ex-husband)		
Enter number here- - - - -	(# 4) 222	(# 1 or 3) 222
IF YOU HAVE NEVER BEEN MARRIED SKIP TO QUESTION NUMBER 6		
	TRUE FALSE (yes) (no)	
3. How many times have you and your wife (husband) seriously considered divorce in the last two years? - - - - -	(# 3) 223	(#1 or more) 223
4. Does (did) your wife (husband) often threaten you with divorce? - - - - -	(✓) () 224	(●) () 224
5. Would you say that your wife's (husband's) general health is (was) very good? - - - - -	() (✓) 225	225
6. Are you employed now? - - - - -	(✓) () 226	226

MATCH
NUMBERS

Directions: Add up offender's answers (1 point each) that match the answers on the scoring key. Those answered the same on the above sample are: #'s 3 and 4. Thus, the total score for this sample page equals 2.

Figure 1. Sample of scoring procedure. Match of offender's answers with the answers on the scoring key.

Question 44. "How many drinks can you handle and still drive well?----- (#8)

Scoring Key-1

Offender's Answer

#

(#8)

(# 6 or more)

The person would receive one point for his answer to this question.

Take his total score for page 1 and mark it on the Questionnaire and Interview summary sheet, as shown in the example in Figure 2.

QUESTIONNAIRE	SCORE	PAGE			PAGE TOTAL	KEY TOTAL
		1	2	3		
Key-1	3	5	2	10	(Key-1) x2 =	
Key-2	0	3	0	3	(Key-2) x1 = -	
					QUESTIONNAIRE SCORE =	

Figure 2. Section of Questionnaire and Interview summary sheet for tallying Questionnaire page scores, with an example of page totals.

Proceed in this same manner for pages two and three, always remembering to mark your total for each page on the Questionnaire and Interview summary sheet. Add up the page totals and place the sum in the box marked "Page Total" (see Figure 2).

SCORING THE QUESTIONNAIRE: Key-2

Turn back to page 1 of the Questionnaire and line the page up with Key-2 by matching the vertical lines and numbers on the right. Score it exactly as you did for Key-1, giving the person one point for each answer that is the same as that on Key-2. Again, place your totals for each page on the Questionnaire and Interview summary sheet and the sum of the totals in the box marked "Page Total."

If a person skips many questions in the Questionnaire, complete the scoring procedure and arrive at a total score but make a note that the person did not complete the Questionnaire. Subsequently, you will have to rely more heavily on the Interview and related background information.

SCORING THE INTERVIEW: Key-3

The Interview items require one of two types of responses: (1) Yes-No (Y-N) and (2) numbered answers.

In Key-3, the problem drinker responses for the true-false (yes-no) questions are indicated by being encircled. Numbers are given for questions requiring a numerical response.

ACTUAL SCORING

Repeat the procedure as described for Key-1 and Key-2. The total for each page is placed in the bottom section of the Questionnaire and Interview summary sheet (Figure 3).

INTERVIEW SCORE KEY-3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	PAGE TOTAL	KEY TOTAL
	1	2	0	0	0	1	2	0	1	0	0	0	3	2	12	(Key-3) x 4 I=INTERVIEW SCORE=
	QUESTIONNAIRE SCORE= +															
	FINAL TOTAL SCORE=Q+I =															

Figure 3. Section of Questionnaire and Interview summary sheet for tallying Interview page scores, with an example of page totals.

After completion of the Interview add up all the page totals and place the sum in the box marked "Page Total," on the summary sheet.

ARRIVING AT A TOTAL SCORE FOR
THE QUESTIONNAIRE AND INTERVIEW

The score page total for Key-1 is multiplied by 2 and the score for Key-2 is subtracted from this product to give a final Questionnaire score. The total score on Key-3 is multiplied by 4 to obtain the final Interview score. The overall total score for the Questionnaire and Interview is then obtained by adding their respective final scores. These simple mathematical steps are given on the Questionnaire and Interview summary sheet which is designed to minimize errors and show how to derive an overall total score. An example of these steps is shown in Table 1.

Table 1 shows that page totals on each of the three pages for the Questionnaire keys are as follows:

For Key-1: 3, 5, 2

Key-2: 0, 3, 0

Therefore, page total score on Key-1= $3+5+2=10$

Page total score on Key-2= $0+3+0=3$

The page total score on Key-1 is multiplied by two:

$(\text{Key-1}) \times 2 = 10 \times 2 = 20$

Then, subtract the total score on Key-2 from the total on Key-1, i.e., $20-3=17$.

Therefore, the Questionnaire score (Q)=17.

The Interview is scored in a similar way. The page totals are counted using Key-3 and recorded in the appropriate place for that page on the summary sheet. Table 1 shows the Interview page total as follows:

Key-3: 1, 2, 0, 0, 0, 1, 2, 0, 1, 0, 0, 0, 3, 2

Therefore, the page total score on Key-3= $1+2+0+0+0+1+2+0+1+0+0+0+3+2=12$.

The page total score on Key-3 is multiplied by four:

$(\text{Key-3}) \times 4 = 12 \times 4 = 48$.

Therefore, the Interview score, (I)=48.

The Final Total Score= $Q+I=17+48=65$.

TABLE 1. Example of Use of the Questionnaire and Interview Summary Sheet to Compute the Sub-Scores and Final Total Score.

QUESTIONNAIRE AND INTERVIEW SUMMARY SHEET

CASE #

1. QUESTIONNAIRE #	2. YES	3. SUBJECT AREA
1, 3, 4, 5, 10, 24, 38		Marital, Family Problems
14		Recent Stress
6, 11, 27, 32		Financial Difficulties
MENTAL HEALTH		
9, 18, 22, 35, 36, 40		Abnormal Problems
12, 16, 29, 30, 33, 40, 53, 57, 58		Nervousness, Restlessness, Agitation
17, 28, 31, 39, 55		Sadness or Depression
23, 26, 48, 49		Self-Denunciation
28, 34, 52, 54, 55		General Dissatisfaction
20, 36, 41		Sleeping Problems
19, 42, 47		Worry, Fear
52, 58		Boredom
27, 46		Resentment
12, 14, 25, 29, 34, 36, 43, 44		Inability to Cope
18, 25, 37, 38, 43, 44, 45, 50, 51, 57		Drinking-Related Problems

QUESTIONNAIRE SCORE		PAGE			PAGE TOTAL	KEY TOTAL
		1	2	3		
	Key-1	3	5	2	10	(Key-1) x2 = 20
	Key-2	0	3	0	3	(Key-2) x1 = -3
Q=QUESTIONNAIRE SCORE =						17

INTERVIEW PAGE #	YES	SUBJECT AREA
2, 3		Poor Physical Health
3		Disability: Related Problems
4		Previous Arrests # _____ Had Been Drinking # _____
4, 5		Poor Driving History
5-8		Poor Drinking Controls
5, 8		Indication of Physical Dependence on Liquor (Compulsion to drink; trembling hands, morning vomiting and nausea)
9, 10		Marital Problems
9, 10		Family Problems
11, 12		Poor Work History

INTERVIEW SCORE KEY-1															PAGE TOTAL	KEY TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
	1	2	0	0	0	1	2	0	1	0	0	0	3	2	12	(Key-3) x4 = 48
I=INTERVIEW SCORE=																48
QUESTIONNAIRE SCORE=																+17
FINAL TOTAL SCORE=Q+I =																65

INTERPRETATION OF SCORES

In most cases the determination as to whether the individual is, or is not a problem drinker will be made on the basis of the final total score, Q+I. Other information which is available about the individual will, of course, be valuable in making this decision and also in making the decision as to what type of treatment or education is needed to deal with the problem.

EVALUATION BASED ON QUESTIONNAIRE AND INTERVIEW TOTAL SCORE

PROBLEM DRINKING. A total score of 85 or more is evidence that the individual almost certainly has a severe drinking problem and that corrective measures are sorely needed. Such a person should be considered a problem drinker.

PRESUMPTIVE PROBLEM DRINKING. A total score of 60 or greater but less than 85 should be treated as highly presumptive evidence that the individual is a problem drinker.

Particular attention should be paid to younger drivers whose scores fall into this category, i.e., those under 25. Many individuals in this age bracket are in the process of forming habits with respect to driving and alcohol consumption which, once established, will tend to be stable throughout the remainder of their life span under ordinary circumstances. The Questionnaire and Interview discriminate less clearly between problem drinkers and normal persons at this age level, probably because of the fact that these habits are often in their formative stages and have not yet crystalized into a lifelong pattern. In this age group the potential benefits of remedial education and treatment are greater than with older persons. Therefore, a borderline score such as this should be looked upon with particular suspicion when dealing with a younger person. It is possible that such a person may be developing undesired habits with respect to alcohol use which will eventually lead to a severe drinking problem, and if this process can be slowed or halted at this point, such a fate can be averted.

When dealing with a person from an older age bracket the existence of a drinking problem should be strongly suspected on the basis of a score in this range. A good rule to follow in these cases is to consider the person to be a problem drinker unless there is other evidence to the contrary.

For all persons scoring in this range additional information, such as driving record or arrest record, should be secured to determine if the person has been convicted of previous drinking-related offenses and other offenses in which problem drinkers become involved as discussed in Volume 1 of this Manual. A final decision should then be made so as to classify the person as a problem drinker or nonproblem drinker.

NONPROBLEM DRINKING. A person attaining a total score less than 60 should ordinarily not be considered to be a problem drinker unless there is other strong evidence which points to a drinking problem.

EVALUATION BASED EITHER ON QUESTIONNAIRE OR INTERVIEW SCORES

We now turn to the problem of interpreting scores in cases which, for some reason, only the Interview score or the Questionnaire score is available. As pointed out earlier in this Manual, such a procedure is undesirable. However, for those cases in which it is necessary to make the evaluation on only one part of the procedure the following tentative guidelines are suggested.

QUESTIONNAIRE. A score of 24 or greater is virtually certain evidence of problem drinking. A score of 16 or greater is highly presumptive evidence of problem drinking and the considerations which were outlined above for the total score, using both the Questionnaire and Interview, will apply in this case also. A score of 15 or less is evidence that the individual is probably not a problem drinker, although it should be borne in mind that the Questionnaire alone does not discriminate as sharply as the combined techniques and that occasionally a problem drinker will have a low score.

INTERVIEW. A score of 60 or more on the Interview should be considered almost certain evidence of problem drinking, and a score of 50 or more should be considered highly presumptive evidence of problem drinking. Scores between 50 and 60 should be treated in the same manner as outlined above for the presumptive problem drinker determination. Scores below 50 are evidence that the individual probably is not a problem drinker.

CODING AND KEYPUNCHING OF QUESTIONNAIRE AND INTERVIEW RESPONSES

The numbers to the right of the answer space provided for each item serve a dual purpose. They provide a unique identifier for each interview item so that when it is desired to refer to a particular item or part of an item it can be easily and reliably located. They are also intended to serve as a guide for users who wish to punch the responses into Hollerith cards for computer scoring or analyses.

CARD LAYOUT

The manner in which the numbers are used for keypunching purposes is as follows: If both the questionnaire and interview are to be used, a minimum of six cards per person is required (additional cards can be used to record additional information if this is desired by the agency administering the protocol). The first card contains general information about the offender (age, sex, date of testing, circumstances of contact, etc.). This information is recorded on the "Case Information Sheet" (p. 13). The second card contains the questionnaire responses, while the third through sixth cards contain the interview responses.

The first digit of the number following a response indicates the number of the card on which the response is to be punched: 100's on the first card, 200's on the second card, and so on. The last two digits indicate the rightmost card column of the field into which the response is to be punched. (In most cases the field will occupy only one column.) For example, the response numbered 238 (questionnaire item 18) would be punched in column 38 of the second card, while response number 376 (How old were you at the time of your first arrest?; interview, p. 4) would be punched in columns 75 and 76 of the third card (note that the preceding number is 374).

The first 20 columns of each card are reserved for identifying information. Column 1 should contain the card number. Thus for each person the six cards will have the numbers 1 through 6, respectively, in column 1. Columns 2 through 4 should contain an identifier for the agency or program administering the protocol. Columns 5-20 should contain a unique identifier assigned to each case by the agency. This could be the offender's driving license number, a serial number generated by the agency, or any other number which will uniquely identify the individual.

CODING OF RESPONSES

YES-NO RESPONSES. The yes-no responses on the questionnaire and interview should be punched as "1" if yes and "2" if no. Missing and "not applicable" responses and refusals are treated in a later section.

NUMERIC RESPONSES. In general, the number given by the respondent should be punched into the field exactly as given. If a number greater than 9 is given for an item which is allotted a one-column field, it should be punched as 9. Similarly, for two-column fields responses greater than 90 should be punched as 90.

CATEGORICAL RESPONSES. Items which are answered in terms of a category, such as a job title (#567), should be recorded into numbers before keypunching. Instructions for recoding these may be obtained from the authors. These items are not used in scoring the interview, and need be coded only for research purposes.

MISSING RESPONSES, REFUSALS, AND ITEMS NOT ASKED. If a response is missing the field should be left blank. Ordinarily there should be no missing responses on the interview, as it is the interviewer's responsibility to see that a response is entered for each item.

Refusals to answer should be coded by filling the field with ampersands (& 12 punch).

NA (not asked) responses (indicated on the interview by a

vertical line through the parentheses (|)), should be examined carefully to determine that "no" or "0" is not a more appropriate answer. This category is not to be used to indicate a negative response, but rather as an indication that the question is inappropriate for the person. Ordinarily it should only be used on those questions which were not asked because the interview form directs the interviewer to skip them contingent on the answer to a previous question, e.g. the question is preceded by "(If yes)" and the preceding answer was "no". Such responses should be coded by filling the field with dashes (-; 11 punch).

CASE INFORMATION SHEET

Agency ID# _____ 105 Case ID# _____ 120 Date _____ 126
Mo./Day/Yr.

Name _____
Last First Middle or Maiden

Address _____
Number Street City Zip Code

Telephone _____ Driver's License No. _____ 142

Sex _____ 143 Nationality or Race _____ 144 Age _____ 146 Weight _____ 149
(M=1, F=2) (White=1, Black=2, Other=3)

Date of Birth _____ 155 Attending DWI Class? Y N 156
Mo./Day/Yr.

Number of class sessions completed _____ 157 Instructor ID# _____ 159

Marital Status _____ 160 Occupation _____ 162
(Sgl.=1, Sep.=2, Div=3,
Wid.=4, Marr.=5)

Interviewer ID# _____ 164 Number of interviews
previously conducted by this interviewer _____ 167

Interviewer's title _____

Circumstances of Contact _____ 168

1. Pre-sentence investigation
2. Condition of probation
3. Other (specify) _____

Referral Date _____ Sentence Date _____
Mo./Day/Yr. Mo./Day/Yr.

Referred by Judge _____ Current Offense _____

SCORING KEY-1
QUESTIONNAIRE (Form A)

FOR OFFICE USE ONLY

CASE ID

220

DATE _____

1. What is your present marital status?

- 1. single
- 2. separated
- 3. divorced
- 4. widowed
- 5. married

Enter number here - - - - -

221

2. With whom do you live?

- 1. alone
- 2. with friend(s)
- 3. with relative(s)
- 4. with wife (husband)
- 5. with ex-wife (ex-husband)

Enter number here - - - - -

(#1 or 3) 222

IF YOU HAVE NEVER BEEN MARRIED SKIP TO QUESTION No. 6

TRUE FALSE
(yes) (no)

3. How many times have you and your wife (husband) seriously considered divorce in the last two years? - - - - -

(#1 or more) 223

4. Does (did) your wife (husband) often threaten you with divorce? - - - - -

(●) () 224

5. Would you say that your wife's (husband's) general health is (was) very good? - - - - -

225

6. Are you employed now? - - - - -

226

7. Do you smoke? - - - - -

(●) () 227

8. About how many packs of cigarettes do you smoke per week? - - - - -

(#5 or more) 228

9. Were you ever arrested? - - - - -

(●) () 229

Questionnaire

Key 1, Page 2

	TRUE (yes)	FALSE (no)	
10. Are your relatives upset with the way you live? - -	(●)	()	230
11. Is your income sufficient for your basic needs? - -			231
12. Are you bothered by nervousness (irritable, fidgety or tense)? - - - - -	(●)	()	232
13. My judgment is better than it ever was - - - - -	()	(●)	233
14. Have you recently undergone a great stress (such as something concerning your job, your health, your finances, your family, or a loved one)? - - - - -	(●)	()	234
15. I am apt to take disappointments so badly that I can't put them out of my mind - - - - -			235
16. I have long periods of such great restlessness that I cannot sit long in a chair - - - - -			236
17. Are you often sad or down in the dumps? - - - - -			237
18. I have had periods in which I carried on activi- ties without knowing later what I had been doing -	(●)	()	238
19. Do you have a lot of worries? - - - - -			239
20. I have trouble sleeping - - - - -			240
21. I am moderate in all my habits - - - - -	()	(●)	241
22. Do you feel that you have abnormal problems? - - -	(●)	()	242
23. I have lived the right kind of life - - - - -	()	(●)	243
24. My home life is as happy as it should be - - - - -	()	(●)	244
25. Does drinking help you make friends? - - - - -	(●)	()	245
26. Much of the time I feel as if I have done something wrong or evil - - - - -	(●)	()	246
27. Do you think that creditors are much too quick to bother you for payments? - - - - -	(●)	()	247
28. I wish I could be as happy as others seem to be - -	(●)	()	248
29. I sometimes feel that I am about to go to pieces -			249
30. Do you usually perspire at night? - - - - -	(●)	()	250
31. I often feel uncomfortable and down in the dumps -			251
32. About <u>how many</u> years has it been since your last out-of-town vacation? (If you have never taken one, write "9")		(#2 or more)	252
33. I am a high-strung person - - - - -	(●)	()	253
34. I am satisfied with the way I live - - - - -	()	(●)	254

Questionnaire

	TRUE (yes)	FALSE (no)	
35. Have you ever had your driver's license suspended or revoked? - - - - -	(0)	()	255
36. About <u>how many</u> times have you asked for help for your problems (personal, family, marriage, money, or emotional)? - - - - -	(#4 or more)		256
37. Is there a history of alcoholism in your family? - - - - -	(0)	()	257
38. Do you have a relative who is an excessive drinker? - - - - -	(0)	()	258
39. Are you often depressed and moody? - - - - -			259
40. I often feel as if I were not myself - - - - -			260
41. I am often afraid I will not be able to sleep - - - - -			261
42. Do you often feel afraid to face the future? - - - - -			262
43. Drinking seems to ease personal problems - - - - -	(0)	()	263
44. <u>How many</u> drinks can you handle and still drive well? - - - - -	(#6 or more)		264
45. In the last year, <u>how many</u> times have you drunk more than you could handle, but still been a good driver when you got behind the wheel? - - - - -	(#2 or more)		265
46. I wish people would stop telling me how to live my life - - - - -	(0)	()	266
47. I often am afraid without knowing why I am afraid - - - - -			267
48. At times I think I am no good at all - - - - -			268
49. Do you feel sinful or immoral? - - - - -	(0)	()	269
50. A drink or two gives me energy to get started - - - - -	(0)	()	270
51. Does drinking help you work better? - - - - -	(0)	()	271
52. My daily life is full of things that keep me interested - - - - -			272
53. I often have feelings of vague restlessness - - - - -			273
54. My friends are much happier than I am - - - - -	(0)	()	274
55. I often pity myself - - - - -			275
56. Would you say that 4 or 5 drinks affect your driving? - - - - -	()	(0)	276
57. I feel tense and anxious most of the time - - - - -			277
58. Are you often bored and restless? - - - - -			278

SCORING KEY-2
QUESTIONNAIRE (Form A)

FOR OFFICE USE ONLY
CASE ID

DATE _____

220

1. What is your present marital status?

- 1. single
- 2. separated
- 3. divorced
- 4. widowed
- 5. married

No Score
Turn to
Next Page

Enter number here - - - - -

221

2. With whom do you live? - - - - -

- 1. alone
- 2. with friend(s)
- 3. with relative(s)
- 4. with wife (husband)
- 5. with ex-wife (ex-husband)

Enter number here - - - - -

222

IF YOU HAVE NEVER BEEN MARRIED SKIP TO QUESTION No.6 TRUE FALSE
(yes) (no)

3. How many times have you and your wife (husband) seriously considered divorce in the last two years? - - - - -

223

4. Does (did) your wife (husband) often threaten you with divorce? - - - - -

224

5. Would you say that your wife's (husband's) general health is (was) very good? - - - -

225

6. Are you employed now? - - - - -

226

7. Do you smoke? - - - - -

227

8. About how many packs of cigarettes do you smoke per week? - - - - -

228

9. Were you ever arrested? - - - - -

229

	TRUE (yes)	FALSE (no)	
10. Are your relatives upset with the way you live? -			230
11. Is your income sufficient for your basic needs? -			231
12. Are you bothered by nervousness (irritable, fidgety or tense)?- - - - -			232
13. My judgment is better than it ever was- - - - -			233
14. Have you recently undergone a great stress (such as something concerning your job, your health, your finances, your family, or a loved one)? - - - - -			234
15. I am apt to take disappointments so badly that I can't put them out of my mind - - - - -	(●)	()	235
16. I have long periods of such great restlessness that I cannot sit long in a chair - - - - -	(●)	()	236
17. Are you often sad or down in the dumps? - - - - -	(●)	()	237
18. I have had periods in which I carried on activities without knowing later what I had been doing-			238
19. Do you have a lot of worries? - - - - -	(●)	()	239
20. I have trouble sleeping - - - - -	(●)	()	240
21. I am moderate in all my habits- - - - -			241
22. Do you feel that you have abnormal problems?- - -			242
23. I have lived the right kind of life - - - - -			243
24. My home life is as happy as it should be- - - - -			244
25. Does drinking help you make friends?- - - - -			245
26. Much of the time I feel as if I have done something wrong or evil - - - - -			246
27. Do you think that creditors are much too quick to bother you for payments? - - - - -			247
28. I wish I could be as happy as others seem to be -			248
29. I sometimes feel that I am about to go to pieces-	(●)	()	249
30. Do you usually perspire at night? - - - - -			250
31. I often feel uncomfortable and down in the dumps-	(●)	()	251
32. About <u>how many</u> years has it been since your last out-of-town vacation? (If you have never taken one, write "9") - - - - -			252
33. I am a high-strung person - - - - -			253
34. I am satisfied with the way I live- - - - -			254

Questionnaire

Key-2, Page 3

	TRUE (yes)	FALSE (no)	
35. Have you ever had your driver's license suspended or revoked? - - - - -			255
36. About <u>how many</u> times have you asked for help for your problems (personal, family, marriage, money, or emotional)? - - - - -			256
37. Is there a history of alcoholism in your family? - - - - -			257
38. Do you have a relative who is an excessive drinker? - - - - -			258
39. Are you often depressed and moody? - - - - -	(●)	()	259
40. I often feel as if I were not myself - - - - -	(●)	()	260
41. I am often afraid I will not be able to sleep - - - - -	(●)	()	261
42. Do you often feel afraid to face the future? - - - - -	(●)	()	262
43. Drinking seems to ease personal problems - - - - -			263
44. <u>How many</u> drinks can you handle and still drive well? - - - - -			264
45. In the last year, <u>how many</u> times have you drunk more than you could handle, but still been a good driver when you got behind the wheel? - - - - -			265
46. I wish people would stop telling me how to live my life - - - - -			266
47. I often am afraid without knowing why I am afraid - - - - -	(●)	()	267
48. At times I think I am no good at all - - - - -	(●)	()	268
49. Do you feel sinful or immoral? - - - - -			269
50. A drink or two gives me energy to get started - - - - -			270
51. Does drinking help you work better? - - - - -			271
52. My daily life is full of things that keep me interested - - - - -	()	(●)	272
53. I often have feelings of vague restlessness - - - - -	(●)	()	273
54. My friends are much happier than I am - - - - -			274
55. I often pity myself - - - - -	(●)	()	275
56. Would you say that 4 or 5 drinks affect your driving? - - - - -			276
57. I feel tense and anxious most of the time - - - - -	(●)	()	277
58. Are you often bored and restless? - - - - -	(●)	()	278

SCORING KEY-3
INTERVIEW (Form B)

TO THE INTERVIEWER:

RECORDING THE RESPONSES. Use a RED pen or pencil to mark the items for ease of scoring. For each item record your judgment:

1. Draw a line through Y if yes, N if no.
2. Where a space "___" is provided place appropriate number or check.
3. In the last column:
 - a. Draw a vertical line "(|)" through the parentheses if the question is not asked (NA)*.
 - b. Write (R) if client refuses to respond.

* All questions should be asked unless preceded by an expression such as "(If yes)" indicating that the question is to be asked only in the event of a certain answer to the previous question.

CASE ID

#

320

● How far have you gone in school?

1. none
2. 7 grades or less
3. 8-11 grades
4. 12 grades or diploma
5. completed business or trade school
6. 1-3 yrs. college
7. 4 yrs. college
8. post-graduate work
9. not known

(Put # in space at right)

1, 2, 3, or R.321

(i.e. less than 12 grades or refused to respond)

Interview

(|)
or
(R)

• How is your general health?

- 1. better than average or very good, excellent
- 2. average or good
- 3. less than average, fair, poor, bad

(Put # in space at right) - - - - -

3 322

(If less than average): What are the problems?

Person complains of:

- a. being tired or fatigued- - - - - 323
- b. general weakness - - - - - 324
- c. just feeling bad all over- - - - - 325
- d. weight loss or inability to eat- - - - - 326
- e. inability to concentrate - - - - - 327
- f. difficulty sleeping- - - - - 328
- g. increased irritability - - - - - 329
- h. difficulty doing his job or taking
care of his home - - - - - 330

• Do you have a chronic disease or illness? - - - - -

(Y) N 331

• Have you had any of the following?

- a. fatty liver - - - - - 332
- b. cirrhosis - - - - - 333
- c. pain and/or weakness of legs- - - - - 334
- d. anemia - - - - - 335
- e. convulsions or epilepsy - - - - - 336
- f. diabetes- - - - - 337
- g. ulcers or stomach problems- - - - - 338
- h. mental or emotional illness - - - - - 339
- i. any severe bleeding problems- - - - - 340
- j. pancreatitis- - - - - 341

Other mentioned _____ 342

()
or
(R)

- Are you disabled or do you have any physical defects?----- 343
(If yes): What? _____

- The handicap limits his adjustment or ability to perform:
 - a. in his job situation----- 344
 - b. in friendships or in a social setting -- 345
 - c. in his family situation - - - - - 346
- The person has made an adequate emotional adjustment to the handicap - - - - - 347
- The person is using the handicap as an excuse for drinking or as an excuse for family or job problems - - - - - 348
- Have you had a serious injury or illness in the past? - - - - - 349
(If yes): What was its nature? _____

- Are you completely well from this (these)?- - - - 350

ASK THE NEXT QUESTION ONLY IF THIS CONTACT RESULTED FROM AN ARREST

- What were you doing that called you to the attention of the police?

- Specific behaviors mentioned:
 - a. drunk or impaired driving - - - - - 351
 - b. car accident - - - - - 352
 - c. asleep in or near car - - - - - 353
 - d. fighting or argument- - - - - 354
 - e. staggering- - - - - 355
 - f. molesting or bothering people - - - - - 356
 - g. noise making- - - - - 357
 - i. other _____ 358

()
or
(R)

IN THE FOLLOWING QUESTIONS EXCLUDE THE ARREST LEADING TO THIS CONTACT, IF ANY

- Have you ever been arrested for driving under the influence of liquor or for impaired driving? - - - - - N 359
(If yes): How many times? - - - - - 360
- Have you ever been arrested for being drunk and disorderly or for public intoxication? - - - - - N 361
(If yes): How many times? - - - - - 363
Was driving related to any of these? - - - - - 364
(If yes): In how many instances? - - - - - 366
- Have you ever been arrested for reckless driving? - - - N 367
(If yes): How many times? - - - - - 368
Was this ever reduced from the original charge? - - 369
(If yes): What was the original charge? _____
(Was the original charge DUIL or impaired? - - - - 370
- Have you ever been arrested for anything else? - - - - N 371
(If yes): How many times and for what? _____
Kinds of offenses:
Crimes involving property - - - - - 372
Crimes of personal assault - - - - - 373
Crimes involving sex - - - - - 374
Other (list) _____

QUESTIONS A, B, C ARE TO BE ASKED IF OFFENDER HAS A PREVIOUS RECORD (Arrests other than the one leading to this contact)

- A. How old were you at the time of your first arrest? - - - - - (yrs.) 376
- B. How long has it been since your last arrest? - - - - - (yrs.) 378
- C. Are you currently on probation? - - - - - 379
(If yes): Is non-drinking part of the probation? - - 380

(|)
or
(R)

- While driving have you ever been stopped by police but not ticketed, when you knew you had been drinking too much? - - - - - N 421
- Has your driver's license ever been suspended or revoked? - - - - - N 422
 (If yes): How many times? - - - - - 423
 Was drinking related to the suspension(s) or revocation(s)? - - - - - N 424
- Do you have a valid license now? - - - - - 425
- Do you feel that drinking is causing any problems in your life? - - - - - N 426
 (If yes): Can you tell me what these problems are?

Problems mentioned:

- a. marriage - - - - - 427
- b. job or employment - - - - - 428
- c. health - - - - - 429
- d. court - - - - - 430
- Do you feel that you always drink like a social drinker? - - - - - Y N 431
 (If no): How do you differ from the social drinker? (frequency and amount)
 Differs from a social drinker in the following ways:
 - a. drinks more frequently- - - - - 432
 - b. drinks greater quantity when he drinks- - 433
 - c. feels worse after drinking- - - - - 434
 - d. has a compulsion to drink - - - - - 435
 - e. drinks at unusual times - - - - - 436
 - f. other _____ 437

Interview

Key-3, Page 6

- | | | |
|---|------------------|-----|
| | ()
or
(R) | |
| ● Do you ever find that you drink more than you had intended to drink? - - - - - | (Y) N | 438 |
| ● Do you usually drink every day? - - - - - | (Y) N | 439 |
| (If no): How many days a week do you usually drink? - - - - - | | 440 |
| (If every day record 7; if less than once a week record 1; if weekends only record 8) | | |
| ● Do you usually drink four or more drinks at one sitting? - - - - - | (Y) N | 441 |
| ● What kind of drinks are these? _____ | | 442 |
| (double martini, boillermaker, straight shots, etc.) | | |
| ● Where do you usually do your drinking? | | |
| a. own home - - - - - | | 443 |
| b. friend's - - - - - | | 444 |
| c. party - - - - - | | 445 |
| d. bar or lounge - - - - - | (Y) N | 446 |
| e. restaurant - - - - - | | 447 |
| f. other (list) _____ | | 448 |
| ● With whom do you usually drink? | | |
| a. alone - - - - - | | 449 |
| b. spouse - - - - - | | 450 |
| c. casual drinking companions - - - - - | | 451 |
| d. friends - - - - - | | 452 |
| e. other _____ | | 453 |
| ● Have you gone on a drinking spree or binge in the last five years? - - - - - | (Y) N | 454 |
| ● Do you ever get the feeling that you "NEED" or "REALLY WANT" a drink? - - - - - | (Y) N | 455 |
| (If yes): When do these feelings occur? _____ | | |
| Has it ever happened after you have gone to bed? | | 456 |

(|)
or
(R)

DO you ever feel this way before noon? - - - - -		457
Client states he needs a drink when:		
a. angry - - - - -		458
b. depressed - - - - -		459
c. lonely - - - - -		460
d. happy - - - - -		461
e. tense or nervous - - - - -		462
f. with friends - - - - -		463
g. things go wrong - - - - -		464
h. at parties - - - - -		465
i. at certain times of day - - - - -		466
j. other (list) _____		467
● Have you ever hidden a bottle of liquor? - - - - -	Ⓚ N	468
● Do you drink to feel less self-conscious and more at ease around people? - - - - -	Ⓚ N	469
● Do you ever feel that it is easier to start something after you have had a drink? - - - - -	Ⓚ N	470
● Does drinking sometimes give you courage or self-confidence? - - - - -	Ⓚ N	471
● Do you feel more quarrelsome or angry after you have had several drinks? - - - - -	Ⓚ N	472
● Have you been told that you become rowdy or noisy when you have had too much to drink? - - - - -	Ⓚ N	473
● Have you ever destroyed property or gotten into a physical fight when you were drinking? - - - - -	Ⓚ N	474
● Have you ever thought about cutting down on drinking? - - - - -	Ⓚ N	475
● Have you ever felt bad or guilty about drinking? - - -	Ⓚ N	476
● Have any of your friends or members of your family suggested that you watch or cut down on drinking? - - -	Ⓚ N	477
● Have you ever been treated for drinking? - - - - -	Ⓚ N	478
(If yes): When? _____		

()
or
(R)

- Have you ever taken medicine or pills other than aspirin to help sober up? - - - - - (Y) N 479
- Have you ever found that you cannot remember or wonder what you did the night before when you were drinking? - - - - - (Y) N 480
- Did you ever fall or seriously injure yourself when you were drinking? - - - - - (Y) N 521
- After drinking the night before, have you ever decided not to go to work the next morning? - - - - - (Y) N 522
(If yes): How many times a year does this happen? - 523
- Have you ever found that your hands shake and tremble in the morning? - - - - - (Y) N 524
- Have you ever vomited or been sick to your stomach, not while drinking, but the morning after drinking? - - - - - (Y) N 525
- Do you ever drink in the morning before breakfast or before going to work? - - - - - (Y) N 526
- Do you feel that your health would be better if you decreased or stopped drinking? - - - - - (Y) N 527
- Do you ever take tranquilizers, anti-depressants or pep-up pills? - - - - - (Y) N 528
- Have you ever been told that your drinking was injuring your liver? - - - - - (Y) N 529
- Have you ever had bad stomach or abdominal pain? - - - 530
(If yes): Did this occur after drinking? - - - - - 531

(|)
or
(R)

• What is your marital status? (read choices to person)

- 1. married
- 2. single
- 3. widowed
- 4. separated
- 5. divorced

(Put # in space at right)

3, 4 or 5

532

• IF MARRIED

How long have you been married? (yrs.) - - -

534

Have you ever been married before? - - - -

535

(If yes): How many times? - - - - -

536

Do you and your (present) wife/husband get along pretty well? - - - - -

Y N

537

Do you ever have arguments about drinking? -

Y N

538

Do you have any children at home? - - - - -

539

(If yes): Do you have any serious problems with them? - - - - -

540

Are there any (other) family problems? - - -

Y N

541

(If yes): What? _____

542

(.)
or
(R)

● IF SINGLE

Have you ever been married? - - - - - 543

(If yes): How many times? - - - - - 544

Do you:

1. go out mainly with one person- - - - - 545

2. go out with several people in a
casual way - - - - - 546

3. not go out with anyone - - - - - 547

Do you find that you drink more than your
friends? - - - - - 548

Has drinking interfered with any marriage
plans? - - - - - 549

● IF WIDOWED

How long have you been widowed? - - - - - (yrs.) - - - 551

Have you been married more than once? - - - - - 552

(If yes): How many times? - - - - - 553

Are there any children at home? - - - - - 554

(If yes): Do you have any serious problems
with them? - - - - - 555

Has your drinking increased since you lost
your wife/husband? - - - - - 556

Are you alone most of the time? - - - - - 557

● IF SEPARATED OR DIVORCED

How many times were you married? - - - - - 558

Were there any children? - - - - - 559

(If yes): Do you have any serious problems
with them? - - - - - 560

Did you have family arguments over drinking? - - - 561

Has your drinking increased since the
separation or divorce? - - - - - 562

Are you alone most of the time? - - - - - 563

(|)
or
(R)

- Have you ever been fired? - - - - - 564
(If yes): Why? _____
- Are you presently employed? - - - - - 565
(If respondent is female and answers negatively, ask if she considers herself a housewife or homemaker. If she is a housewife, ask her the "If Employed" questions that follow.)
- IF EMPLOYED
 - What is your present job?
(title plus description) _____ 567

(such as carpenter, clerk in grocery store, housewife, etc.)
 - How long have you had this job? (yrs.) 569
 - How good do you think your work is at your present job?
1. excellent
2. good
3. fair or poor
(Put # in space at right) - - - - - 570
- IF UNEMPLOYED
 - How long have you been unemployed? (yrs.) 572
 - Why are you unemployed? _____
Reason for unemployment:
 - a. laid off previous job - - - - - 573
 - b. fired - - - - - 574
 - c. strike- - - - - 575
 - d. illness - - - - - 576
 - e. other _____ 577
 - Did drinking contribute to your job loss? - - - - - 578

Interview

(I)
or
(R)

- Have you had any problems with your job(s) in the last 3 years?----- 579
- (If yes): What kinds of problems are (were) they?
- 1. occasional friction with fellow workers or boss ----- 580
- 2. frequent friction with fellow workers or boss ----- 621
- 3. occasional trouble with work ----- 622
- 4. serious difficulty doing work, or accidents----- 623
- 5. occasional absence ----- 624
- 6. frequent absences ----- 625
- 7. difficulty finding employment----- 626
- 8. other _____ 627
- What is your main source of support?
- 0. none
- 1. salary
- 2. income other than salary
- 3. family/friend
- 4. savings, pension
- 5. disability benefits, social security
- 6. unemployment insurance
- 7. public assistance
- 8. other _____
- (Put # in space at right) 628

Interview

(|)
or
(R)

- About how much was your total family income in the past year? (gross)
 - 1. \$ 2,000 or less
 - 2. 2,000 - 3,999
 - 3. 4,000 - 5,999
 - 4. 6,000 - 7,999
 - 5. 8,000 - 9,999
 - 6. 10,000 - 14,999
 - 7. 15,000 - 24,999
 - 8. 25,000 +

(Put # in space at right) - - - - - 629
- How many children and adults are living on this income?
 - 1. children - - - - - 630
 - 2. adults (18+)- - - - - 632
- How many large debts do you have? - - - - - 633
- Do you have close friends that you can confide in?
 - 1. has no friends - - - - - 634
 - 2. has only casual acquaintances- - - - - 635
 - 3. has close friends (one or more)- - - - - 636
- Would you describe yourself as being lonely a good deal of the time? - - - - - N 637
- Do you feel that your life is difficult to manage and you are not sure how to straighten it out? - - - N 638
- Do you feel that you are a problem drinker? - - - - N 639

Interview

(|)
or
(R)

INTERVIEWER'S INITIAL DIAGNOSIS
(THIS SECTION CAN BE FILLED IN AFTER THE INTERVIEW IS OVER)

- Drinking pattern:
 - Has person previously exhibited a pattern of controlled drinking? - - - - - 640
 - How experienced is this person at drinking? (select a value from 1, very inexperienced, to 5, very experienced) - - - - - #4 or 5 641
- Interviewer's conclusions
 - Do you feel that this drinking situation was unique and unlikely to happen again? - - - 642
 - Did the client give you evidence of a past behavior pattern of heavy drinking? - - - - - 643
 - Do you feel that without any therapeutic intervention he is likely to repeat this drinking behavior within the next 5 years? - - 644
- Problem diagnosis:
 - 1. person has no problems related to drinking
 - 2. person has a temporary drinking problem
 - 3. person has a long-standing drinking problem
 - (Put # in space at right) 645
- Interviewer's physical observation of client:
 - 1. looks older than stated age - - - - - (Y) N 646
 - 2. looks ill - - - - - (Y) N 647
 - 3. has a hand tremor - - - - - (Y) N 648
 - 4. has bloodshot or glassy eyes - - - - - (Y) N 649
 - 5. has a flushed face - - - - - (Y) N 650
 - 6. has language difficulty - - - - - 651
 - 7. appears to be markedly below average in intelligence - - - - - 652
 - 8. nicotine stains or blisters on fingers - - - - 653