

1971 and 1972 ASAP SURVEYS WASHTELOW COUNTY
HIGH SCHOOL STUDENTS

Arthur C. Gallo
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November 1973

Final Report

Prepared for

Washtenaw County Alcohol Safety Action Program
Washtenaw County Health Department
Ann Arbor, Michigan 48104

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1. Report No. UM-HSRI-AL-73-12	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle 1971 and 1973 ASAP Surveys: Washtenaw County High School Students		5. Report Date November 1973	6. Performing Organization Code
		8. Performing Organization Report No. UM-HSRI-AL-73-12	
7. Author(s) Arthur C. Wolfe and Marion M. Chapman		10. Work Unit No.	11. Contract or Grant No. FH-11-7535
9. Performing Organization Name and Address Highway Safety Research Institute The University of Michigan Huron Parkway & Baxter Road Ann Arbor, Michigan 48105		13. Type of Report and Period Covered Final Report	
		14. Sponsoring Agency Code	
12. Sponsoring Agency Name and Address Washtenaw County Alcohol Safety Action Program Washtenaw County Health Department Ann Arbor, Michigan 48104			
15. Supplementary Notes			
16. Abstract Surveys of senior high school students in Washtenaw County were conducted in 1970-71 and 1972-73 as part of the evaluation for the Washtenaw County Alcohol Safety Action Program. Self-administered questionnaires on drinking and driving were completed by 436 students in the first survey and by 589 students in the second survey. Of greatest interest is the finding that alcohol use among high school students increased from 1970 to 1972. Seventy-six percent of the 1972 respondents reported drinking in the previous year, compared to 66% of 1970 respondents. The data also indicate greater quantities as well as greater frequencies of alcohol consumption in 1972 than in 1970. In addition 39% of 1972 respondents reported smoking marijuana and 20% reported using hashish. In regard to driving-after-drinking behavior and to knowledge and attitudes concerning drinking and driving, the surveys found very few significant changes during the ASAP program period. Substantial numbers of high school students admitted to driving after drinking too much for safe driving, and even larger numbers showed that they were poorly informed about the legal and physiological aspects of drinking and driving. It is concluded that the WCASAP program had little impact on Washtenaw County high school students. The codebook with marginals and the questionnaire for the 1972 survey are appended to this report.			
17. Key Words		18. Distribution Statement	
19. Security Classif.(of this report)	20. Security Classif.(of this page)	21. No. of Pages	22. Price

NOTICES

Sponsorship. This report was prepared for the Washtenaw County (Michigan) Board of Commissioners under an agreement dated November 4, 1970 between the Board and The University of Michigan.

This report forms part of the Highway Safety Research Institute's evaluation of the Washtenaw County Alcohol Safety Action Program (ASAP). The Board is prime contractor to the National Highway Traffic Safety Administration, Department of Transportation, under Contract Number FH-11-7535 for the Washtenaw County ASAP. The program is administered by the Washtenaw County Health Department, James Henderson, Program Director.

Contracts and grants to The University of Michigan for the support of sponsored research by the Highway Safety Research Institute are administered through the Office of the Vice-President for Research.

The opinions, findings, and conclusions expressed in this publication are those of the authors and not necessarily those of Washtenaw County.

PREFACE

The Highway Safety Research Institute has undertaken a number of activities pertaining to its evaluation of the Washtenaw County Alcohol Safety Action Program, including roadside surveys, surveys of the general public and selected target groups, and collection and analysis of crash, arrest, and recidivism data.

These activities and their findings are described in separately bound reports consistent with the reporting structure of the sponsoring agencies. This structure enables the reader interested in a single topic to access the relevant report conveniently. However, the individual reports in this series largely do not contain comparative data derived from separate evaluative activities. Such comparisons, when appropriate, will be found in the summary report cited below.

Reports in this series which are completed, in process, or planned for the Fall 1973 are listed below:

1. Washtenaw County 1971, 1972 and 1973 BAC Roadside Survey, UM-HSRI-AL-73-6.
2. 1971 and 1973 ASAP Surveys: Washtenaw and Jackson County Voluntary Organizations, UM-HSRI-AL-73-7.
3. 1971 and 1973 ASAP Surveys: Washtenaw County Physicians, UM-HSRI-AL-73-8.
4. 1971 and 1973 ASAP Surveys: Washtenaw County General Public, UM-HSRI-AL-73-9.
5. 1971 and 1973 ASAP Surveys: Washtenaw County Attorneys, UM-HSRI-AL-73-10.
6. 1971 and 1973 ASAP Surveys: Washtenaw County Law Enforcement Agencies, UM-HSRI-AL-73-11.
7. 1971 and 1973 ASAP Surveys: Washtenaw County High School Students, UM-HSRI-AL-73-12.
8. Analysis of Washtenaw County Alcohol Safety Action Program Police Countermeasure Activity, UM-HSRI-AL-73-13.
9. Analysis of Washtenaw County Alcohol Safety Action Program Judicial, Referral and Diagnostic Activity, UM-HSRI-AL-73-14.

10. Analysis of Washtenaw County Alcohol Safety Action Program Treatment Countermeasures, UM-HSRI-AL-73-15.
11. Analysis of Washtenaw County Alcohol Safety Action Program Crash, Criterion Measures, UM-HSRI-AL-73-16.
12. Washtenaw County Alcohol Safety Action Program Evaluation Summary, UM-HSRI-AL-73-17.

With regard to the present report, we would like to express out appreciation to Dr. Donald Pelz and to Dr. James Swinehart for their valuable help in conducting the 1970-71 survey, and to Theodore Word and Robert Kay for their general assistance to the operation and analysis of the 1972-73 survey.

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1. SUMMARY

One of the significant target groups for the public information and education campaign of the federally-funded Washtenaw County alcohol Safety Action Program (WCASAP) was those students enrolled in the senior high schools in the County. Therefore, as part of its evaluation activities for the WCASAP, the Highway Safety Research Institute conducted two surveys of high school students. The first was conducted in six high schools in the fall and winter of 1970-71 and resulted in 436 completed questionnaires. The second was conducted in all 14 county high schools in the winter of 1972-73 and resulted in 589 completed questionnaires. The 1972 questionnaire was considerably longer than the 1970 questionnaire, especially in regard to the use and abuse of alcohol and other drugs. Therefore, the following report presents both the results of the two surveys on comparable questions and the results of the 1972 survey on new questions. The appended codebook with marginals indicates the results on each 1972 question, not only for the total sample but separately for each grade, males, females, and licensed drivers.

In comparing the results of the two surveys the most obvious finding is the widespread and increasing use of alcoholic beverages by high school students. In 1970 66% of the respondents said they would drink at least once or twice a year, while in 1972 76% of the respondents said they had drunk alcoholic beverages at least once in the previous year. In 1970 only 3% said they would drink three or more times a week, while in 1972 7% indicated that they drank about this frequently. In 1970 12% said their usual quantity was five or more drinks, while in 1972 20% said they usually drank that much. In 1970 31% said that their maximum was five or more drinks, while in 1972 40% said they had drunk six or more drinks at least once in the previous year. In 1970 43% reported that half or more of their "crowd" drank at least once a month, while in 1972 65% reported that half or more of their teenage friends drank at least occasionally. This

increased consumption of alcohol by high school students is in line with the results of the 1971 and 1973 general public surveys in Washtenaw County which found increasing alcohol use among all age groups under 35, and particularly among 18-20 year olds coinciding with the January 1972 change in the legal drinking age in Michigan.

Turning to driving after drinking by high school students, there is no indication that this diminished during the course of the WCASAP program either. In 1970 13% of the respondents (22% of the licensed drivers) said they had driven after drinking two or more drinks at least once in the previous three months, and in 1972 22% of the respondents (43% of the licensed drivers) said they had done this at least once in the previous year. Nineteen percent of the student licensed drivers admitted they had driven at least once after drinking "too much for safe driving", which is not a great deal less than the 28% of the general public licensed drivers who admitted to doing this in the 1973 survey.

In regard to knowledge and attitudes concerning drinking and driving there is also little indication of desirable effects from the WCASAP program, either directly through the informational activities of the Washtenaw Council on Alcoholism or indirectly through the increased attention to this subject by driver education teachers. There was almost no change in student estimates of the percent of fatal accidents which involve drinking drivers, with about one-quarter of the students substantially underestimating this number in both surveys. Less than half the students in both surveys indicated awareness that body weight makes a lot of difference in how much a given amount of alcohol will affect a person. Very few students in either survey could name the blood alcohol concentrations (BAC) specified in Michigan law as presumptive evidence of drunk driving, and large numbers were poorly informed as to the situations in which the police could ask a person to take a breath test and as to the consequences of refusing to take the test. There was actually a substantial decline from 74% to 39% in the percentage of students who recognized loss of license as a normal consequence of a drunk driving conviction, and there was no significant improvement in

the 26% who recognized increased insurance rates as also a common consequence of a drunk driving conviction.

The only substantial improvement shown between the two surveys was in regard to the number of safe drinks before driving for persons like themselves. In 1972 only 10% incorrectly picked five or more drinks compared to 22% who had picked this many in 1970, and conversely 62% picked two drinks or less compared to 33% in 1970. Still 19% of the 1972 respondents did considerably overestimate a realistic safe number of drinks based on their own reported body weight. In 1972 21% of the students said they had heard of the WCASAP program, and 69% checked at least one of its activities that they had heard about--including 41% who said they had heard of the "local campaign to get drivers to know their own safe limits". So the WCASAP program did apparently have some effect in this limited area.

In conclusion, however, it seems clear from the survey findings that overall the WCASAP program did not make much progress toward its goal of changing high school students' behavior, attitudes, and knowledge in regard to drinking and driving.

2. INTRODUCTION

In 1970 the Board of Commissioners of Washtenaw County was awarded a contract by the National Highway Traffic Safety Administration to carry out a demonstration program to reduce alcohol-related traffic accidents in the county. As one aspect of this program the Washtenaw Council on Alcoholism (WCA) was given a subcontract to carry out a public education and information campaign on drinking and driving, and one of the major target groups for this campaign was to be the teenagers in the high schools of Washtenaw County. The Alcohol Studies Group of the University of Michigan's Highway Safety Research Institute was given the responsibility of evaluating the effectiveness of this campaign along with other aspects of the Washtenaw County Alcohol Safety Action Program (WCASAP).

As part of this evaluation a baseline survey on drinking and driving was carried out among 436 teenagers in six county high schools in the fall and winter of 1970-71. This survey utilized a self-administered questionnaire and was conducted with the assistance of a University of Michigan class in survey research methods. The results are reported in 1970-71 Washtenaw County High School Survey on Drinking and Driving: Summary Report by the authors of this report (HSRI publication UM-HSRI-AL-72-3, 1972).

During the subsequent two years the public information division of the Washtenaw Council on Alcoholism carried out educational activities intended to influence the knowledge and behavior of high school students in regard to alcohol use and driving after drinking. These included talks by 32 speakers before 1,748 students in 11 different schools; literature kits sent to 21 school libraries; literature kits sent to 11 driver education teachers; an evening driver education workshop supported by the Michigan Automobile Club on "Reaching and Teaching the Young Drinking Driver" which was attended by 24 persons; and information given out to a number of individual students who came to the Council offices for help with term papers, etc. In addition, of

course, the high school students were exposed to the same general information and education campaign in the newspapers, on the radio, at community fairs, etc. as were the adult citizens of Washtenaw County.

2.1 SURVEY DESIGN AND METHODOLOGY

The high school baseline survey was the first of a series of surveys which HSRI conducted among various target groups in Washtenaw County. Following the experience of that first survey the phrasings of many of the questions on alcohol use and driving behavior were changed considerably for use in subsequent surveys in order to improve their clarity and value. Thus in creating the questionnaire for the 1972 high school survey the HSRI staff had to decide whether to return to using the changed questions exactly as they had been phrased in the 1970 survey or to use them as they had been rephrased for the subsequent general public and other surveys. In general the latter course was followed. This means that for the purposes of this report on the effects of the WCA public information program among high school students there are fewer direct comparisons between the two surveys available than would be desirable. On the other hand, this decision means that many more comparisons could be made between the high school students and other age groups than would otherwise be possible. Also at the time of the second high school survey it was anticipated that HSRI would be conducting surveys of youthful drinking and driving behavior in three other counties, and it seemed desirable to use the improved versions of the questions in order to permit comparisons between the youth of Washtenaw County and these other counties.

The high school follow-up survey reported here was begun in December 1972. The 22-page self-administered questionnaire provided extensive coverage concerning the general use and abuse of alcohol, drugs, and tobacco, as well as concerning various aspects of drinking and driving. It was completed by 589 students out of the 678 students in the 14 high schools of Washtenaw County who were selected as part of the sample, an 86.9% response rate.

The sampling procedure involved the systematic selection of one-fifteenth of all sophomores, juniors and seniors from the master school lists of the 14 schools (following a random start based on a table random numbers). If it was learned that a selected student had moved or dropped out, he or she was replaced by the next student on the list.

Among the 13 schools in which permission was sought to administer the questionnaires in group sessions in the school during regular class time only Ann Arbor Community High did not grant such permission. It seemed more convenient just to contact the four selected Greenhills students by mail, and this procedure was also followed by necessity with the Community High respondents. In addition, in Saline and Manchester High Schools the scheduled group administration of the questionnaires was cancelled by bad weather, and these respondents were contacted by mail only. In some schools the selected students were notified by letter through school channels; in other schools the students were notified by letter through school channels and given a letter to take home to their parents; and in other schools the students were notified by letter in school and their parents were notified by mail at home. In the larger schools the classroom teachers were also informed of their participating students. Of course all concerned were informed that participation was not compulsory, but very few selected students explicitly refused to take part.

In the three largest high schools (Ann Arbor Pioneer, Ann Arbor Huron, and Ypsilanti) the chosen students were scheduled to complete the questionnaire in one of several adjacent class periods in order to keep the total number at one time to 30-40 students. These schools also had a "make-up" session a few days later for those students who had missed the first day. All of these group administrations took place in the December 13-20 period, and those students who had not attended the group sessions were then sent the questionnaire by mail. In January a second follow-up mailing was made to nonresponding students. At Willow Run High School, where the most difficulty was encountered in

notifying the students, two "make-up" sessions were held in January and two follow-up mailings were carried out in January and February. Eighty-nine percent of the questionnaires were completed in December, 3% in January, and 8% in February. The last questionnaire was received on March 9.

The response rate for each of the 14 schools is shown in Table 1. It varied from a low 56% participation in Willow Run High School to 100% participation in Chelsea High School and Greenhills School. The overall response rate for the whole sample was 86.9%, not as high as would be desired, but certainly sufficient to feel fairly confident in the representativeness of the student sample.

TABLE 1. RESPONSE RATES BY SCHOOL

High School	Approximate Total in Grades 10-12	Total School Sample	Total Completed Question- naires	Response Rate (%)
Ann Arbor Pioneer	2,119	144	129	90
Ann Arbor Huron	1,753	113	103	91
Ann Arbor Community	394	25	20	80
Ypsilanti	1,634	109	93	85
Lincoln	580	38	36	95
Dexter	490	33	30	91
Manchester	289	19	17	89
Saline	603	41	29	71
Chelsea	585	39	39	100
Milan	625	40	38	95
Willow Run	656	45	25	56
Whitmore Lake	238	15	14	93
Greenhills	64	4	4	100
St. Thomas	190	13	12	92
Total	10,220	678	589	86.9

Table 2 provides some comparisons of the cooperating sample with the total high school population in Washtenaw County in relation to grade and sex. It can be quickly seen that there is some underrepresentation of male students in the sample. Some of this may just be a result of the random sample procedure, but it also indicates that selected male students were less likely to cooperate than selected female students. Table 2 also shows that seniors were somewhat less likely to cooperate than sophomores and juniors. Nevertheless it appears unlikely that these small differential response rates by sex and grade would cause any substantial biases in the results of this survey of Washtenaw County high school students.

TABLE 2. COMPARISON OF 1972 HIGH SCHOOL SAMPLE WITH TOTAL HIGH SCHOOL POPULATION ON GRADE AND SEX

	<u>Population (%)</u>	<u>Sample (%)</u>
<u>Sex</u>		
Male	51	46
Female	49	54
Total	<u>100</u>	<u>100</u>
<u>Grade</u>		
10th	36	38
11th	34	34
12th	30	28
Total	<u>100</u>	<u>100</u>
<u>Grade and Sex</u>		
10th Male	18	16
10th Female	18	21
11th Male	17	17
11th Female	17	17
12th Male	16	13
12th Female	14	16
Total	<u>100</u>	<u>100</u>

Assuming that possible bias from nonresponse and from false answers is not a serious problem, the sampling errors for the results of this survey should approximate those for a simple random sample. Estimated sampling errors at a 95% confidence level for various percentages and for samples of various sizes are shown in Table 3. This means, for example, that when we report that 81% of the sampled Washtenaw senior high students have drunk

alcohol that there is a 95% statistical probability that the true percentage in the total population of students is not different from the survey percentage by more than 3.6. Similarly when we report that 90% of the 167 12th graders in the sample have drunk alcohol, the chances are 95 out of 100 that the true 12th grade percentage is not different from the survey percentage by more than 4.9. These same figures multiplied by a factor of 1.4 would approximate the sampling error of differences between two subsamples of the sizes indicated, and these figures multiplied by a factor of about 1.8 would approximate the sampling error of differences between samples or subsamples from the two high school surveys.

TABLE 3. ESTIMATED SAMPLING ERRORS FOR DIFFERENT SAMPLE SIZES AT A 95% LEVEL OF CONFIDENCE

For Percent- ages Around	500	300	250	Sample 200	Size 150	100
50%	4.5	5.8	6.3	7.1	8.2	10.0
40% or 60%	4.4	5.6	6.2	6.9	8.0	9.8
39% or 70%	4.1	5.3	5.8	6.5	7.5	9.2
20% or 80%	3.6	4.6	5.1	5.7	6.5	8.0
10% or 90%	2.7	3.5	3.8	4.4	4.9	6.0
5% or 95%	1.9	2.5	2.8	3.1	3.6	4.4
2½% or 97½%	1.4	1.8	2.0	2.2	2.5	3.1

3. ANALYSIS OF RESULTS

3.1 USE AND ABUSE OF ALCOHOL

As mentioned in the previous section, in 1972 81% of the responding students said they had consumed at least one alcoholic drink sometime in their lives. Even most of the remaining students said they had tasted alcohol at some time. One-sixth of the students reported having their first drink before they were twelve, and three-fifths had their first drink before age fifteen. Almost half of the first drinks took place in the person's own home and in the company of adults. However, one-fifth were initiated outdoors or in a vehicle. Only 2% said their first drink was taken alone. Beer was the most common first drink, followed by wine, mixed drinks, hard liquor, and alcoholic punch. Half of the drinkers had only one drink on that first occasion, but almost one-fifth said they had four drinks or more. As reasons for the first drink the most common response was curiosity, followed by "my parents or relatives offered it to me". Nineteen percent of all the respondents said they had that first drink because they felt like celebrating something, and 12% said they wanted to get drunk. Only 7% checked that they took their first drink in order to feel more grown up, and 5% checked that they were going along with pressure from their friends.

Turning to more current drinking behavior, 36% of the sample said they had had something to drink during the previous seven days. However, only 18% estimated that they had had something to drink as many as 40 times in the previous year. This suggests that the previous week's drinking (in early and mid-December for the majority of respondents) may not have been typical of the whole previous year. Nevertheless, the 18% figure still represents a small increase from the 15% of the 1971 sample who said they usually drink once a week or more frequently. An increase in alcohol use is also indicated by the finding that only 24% in 1972 said they had not drunk during the past year compared with 34% in 1970 who said that they never drink, and the finding that

7% of the 1972 sample estimated they had been drinking 120 or more times in the previous year compared to 3% in 1970 who said they were accustomed to drinking three times a week or more.

Looking in more detail at the previous week's drinking, Friday and Saturday were the most popular drinking days, but still over a quarter of the 36% who had drunk in the previous week reported a weekday as the day on which they had drunk the most. Half of these drinkers had had no more than one or two drinks in one day, but one-sixth (5% of the total sample) reported drinking seven or more drinks (up to 25) on one day during the previous week. For the whole week three-eighths of the drinkers had had a total of only one or two drinks, while over a quarter (9% of the total sample) had had a total of seven drinks or more. Most of the drinking took place in the respondent's own home or in a friend's or relative's home, and most frequently it was in the company of their peers. Less than one-third of the drinkers reported any drinking during the previous week in the company of their parents, and less than one-seventh reported any drinking by themselves. Evening was the most common time for drinking, and only eight respondents reported drinking during the morning (a total of 20 times). Beer was the most popular beverage consumed. Less than half of the drinkers had consumed wine and even fewer had consumed liquor during the previous week.

The 1972 data not only indicate some increase in the frequency of drinking but also in the quantities consumed by high school students. Whereas in 1970 only 12% of the total sample said they usually had five or more drinks at a sitting (5% seven or more), in 1972 20% said they most frequently consumed five or more drinks at a sitting (8% seven or more). These increases in the frequency and quantity of alcohol consumption are in line with the general increase in alcohol use found between the 1971 and 1973 general public surveys in Washtenaw County. Also in regard to quantity of alcohol consumption, in 1972 61% of the high school sample reported drinking three or more drinks at least once in the previous year, and 40% reported drinking six or more drinks at least once in the previous year (2% 51 times or more). This

again indicates an increase from 1970 when 31% said the most they would have when drinking was five or more drinks. However, only 2½% considered themselves fairly heavy or very heavy drinkers.

The 1972 sample was also asked a series of questions about abusive use of alcohol which were not asked in 1970. Forty-nine percent of the sample reported that they became "high or tight" at least once in the previous year, and 17% said they had done this 11 or more times. Thirty-seven percent said they had drunk enough to become sick, 13% said they had passed out, and 23% said they were later unable to remember part of the time that they were drinking. In regard to getting into trouble during or after drinking 12% said they had gotten into a fight; 4% said they had gotten into trouble with the police for being drunk or for illegal possession or purchase of alcohol; 3% said they had gotten into trouble with the police for other illegal activities; 20% said they had done illegal things during or after drinking without being caught; 9% said they had been in family arguments about their drinking; and 4% said they had been in accidents related to drinking. However, not one respondent admitted to drinking non-beverage alcohol (hair tonic, paint thinner, sterno, etc.). Only four respondents said they frequently drank alcohol before or instead of breakfast, and only three said drinking frequently interfered with their school work or class attendance--although 12% said it had occasionally or once or twice. Twenty-two percent said they had at least once or twice used money for alcohol which was needed for other things (2% frequently); 9% said they had used false identification to buy alcohol (2% frequently); and 16% said they worried about their drinking at least once or twice (1% frequently).

Almost half of the drinkers said they drank most frequently in mixed teenage groups, while more than a quarter said they drank most frequently with adults, and about a fifth said they drank most frequently with other teenagers of the same sex. The latter situation was much more common for boys than for girls. Almost half of the drinkers said their parents didn't care about their drinking as long as they used moderation, and 3% said their parents didn't care how much they drank. On the other hand, over

a quarter said their parents didn't know about it and would disapprove, and about an eighth said their parents did know and disapproved. It is interesting that 12% of the students described their fathers as fairly heavy or very heavy drinkers, and 3% described their mothers similarly, while in the 1973 general public survey less than 3% of the respondents considered themselves in these categories.

Only 4% of the 1972 respondents reported that none of their teenage friends drank at least occasionally, while in 1970 17% said no one in the crowd they hung around with drank as much as once a month. Similarly in 1972 65% said that about half or more of their friends drank at least occasionally, while in 1970 only 43% of the respondents reported that about half or more of the students in the crowd they hung around with drank once a month or more. The most common reasons given for teenage drinking included: to feel good or have fun (40%), to gain social prestige and acceptance by peers (33%), to feel more adult (19%), to escape from reality or problems (18%), to get drunk (15%), and to overcome boredom (10%). When asked if the most popular students drank more, about the same, or less than other students, 21% said more, 65% said about the same, and 15% said less. It is obvious that most students do not see any significant difference between popular students and other students in their alcohol use, and those who do don't agree on the direction of the difference.

3.2 DRUG AND TOBACCO USE

The 1972 sample was also asked a series of questions on their use of various drugs, alone and in conjunction with alcohol. The findings are shown in Table 4.

It should be mentioned that about 12% of the sampled failed to answer these drug use questions, and of course the truthfulness of the answers which were given by the rest of the students cannot be guaranteed. Nevertheless it is evident, as expected, that large numbers of high school students have been experimenting with various illegal drugs, and that quite a few students have become more than experimental users. It is also interesting to note that about one-third of the time these students have used various illegal drugs they have also been drinking alcoholic beverages.

TABLE 4. REPORTED USE OF DRUGS IN PREVIOUS YEAR IN 1972 SCHOOL SURVEY

Drug	Used Alone		Used With Alcohol	
	1+ Times	11+ Times	1+ Times	11+ Times
Amphetamines	13%	2%	4%	1%
Barbituates	8	1	4	1
Hallucinogens	14	3	6	1
Marijuana	39	21	27	11
Hashish	20	8	10	3
Heroin	1	0	1	0
Opium	6	1	1	0
Tranquilizers	7	1	3	.2

The question on frequency of smoking cigarettes shows that alcohol use has become much more widespread among high school students than cigarette use. Only 45% said they had smoked cigarettes at all in the previous year, and only 22% said they had smoked as much as a pack a week during the previous year, about the same percentage who said they had used marijuana at least 11 times during the previous year. This compares with 45% who said they had drunk alcoholic beverages 11 or more times during the previous year. Fifty-five percent of the student sample said they had not smoked at all in the previous year, compared to only 24% who said they had not drunk alcoholic beverages at all in the previous year.

A comparison of the 1972 substance abuse data by sex shows that larger percentages of female students than of male students used amphetamines, barbituates, hallucinogens, tranquilizers, and cigarettes; while larger percentages of male than of female students used alcohol, marijuana, hashish, and opium.

3.3 ALCOHOL KNOWLEDGE AND ATTITUDES

When asked to guess the percentage of adults with alcohol problems, the 1972 sample was quite harsh on the generations ahead of themselves. The median estimate was 30%, and 17% of the sample estimated that at least half of all adults had a serious drinking problem. Even for their fellow high school students the

guesses were quite high. The median estimate for high school students was 10%, and 6% of the sample estimated that at least half of their peers had serious drinking problems. A little more than half of the student sample thought that people with an alcohol problem are able to overcome it half of the time or more. Forty-six percent of the students said they knew a close friend or relative with a serious drinking problem, and less than half of these students felt such persons had been able to overcome their problems completely. When asked where they would go for help if they themselves had a drinking problem, 39% mentioned Alcoholics Anonymous, 26% mentioned medical services, 20% mentioned family, 14% mentioned friends, 11% mentioned social service agencies, 7% mentioned clergy, and 3% mentioned school teachers or counselors. Only 7% were able to give the name of the pill which helps a person give up drinking by making him sick if he drinks (i.e., Antabuse, Ayerst Laboratories trade name for disulfiram).

When asked at what age people should be legally permitted to buy alcoholic beverages the majority (56%) of the 1972 respondents favored the status quo, the new 18 year old drinking law. Only 5% favored complete prohibition, 5% favored 19 or 20, and 9% favored age 21 or higher; while 7% favored 17, 14% favored 16, and 4% favored 15 or less. Ambivalent attitudes regarding alcohol use and the law are indicated by the fact that only one-quarter of the sample favored a legal drinking age under 18, but only 11% said they didn't think high school students should drink at all, while 39% thought that it was all right for high school students to drink as much as they want as long as they don't cause harm to others. Attitudes on this issue were not much different in regard to adults. Five percent thought adults should never drink, while at the other extreme 44% thought adults should drink as much as they want as long as they don't cause harm to others.

In both 1970 and 1972 the high school students were asked two series of questions about factors affecting how much a given amount of alcohol will influence a person's feelings or behavior and about the effectiveness of various methods of sobering up

after drinking too much. A comparison of the 1970 and 1972 results are shown in Table 5.

TABLE 5. KNOWLEDGE OF PHYSIOLOGICAL AND PSYCHOLOGICAL CONDITIONS WHICH MIGHT MAKE A DIFFERENCE IN PEOPLES' FEELINGS AND BEHAVIOR AFTER DRINKING THE SAME AMOUNT OF ALCOHOL, AND KNOWLEDGE OF THE EFFECTIVENESS OF VARIOUS SOBERING UP METHODS

Condition and Estimated Effect	1970 Survey		1972 Survey	
	A	Lot Some	A	Lot Some
Age of Drinker	27	46	30	37
Empty Stomach*	40	52	74	18
Weight	38	42	43	30
Bolting Drinks	56	31	49	32
Psychological Feeling	45	39	38	37
Changing Alcohol Type	53	34	42	30
Smoking Marijuana	74	20	61	26
Using a Strong Drug	86	10	82	10
Companions' Behavior	20	48	26	36
Drinking Experience	--	--	41	27
Taking Medicine	66	29	60	29
<u>Sobering Up Method and Estimated Efficacy**</u>				
Drinking Coffee	12	50	13	39
Taking a Walk	6	30	12	31
Waiting Several Hours	40	38	47	29
Taking a Cold Shower	--	--	14	37
Eating Food	7	27	18	32

*The 1970 wording was "how much the person is eating," while the 1972 wording was "if he is drinking on an empty stomach".

**The 1970 categories were "almost entirely" and "about half-way".

In both surveys the condition which was considered to have the most effect was using a strong drug like LSD. Also rated both years as making a lot of difference on the effect of alcohol were smoking marijuana and taking medicine for some sickness. The only condition which showed a substantial change in its rating

between the two surveys was drinking on an empty stomach, but this change may well be largely a result of a small change in wording. In 1970 40% of the sample checked that "how much a person is eating" makes a lot of difference, while in 1972 74% of the sample checked that "drinking on an empty stomach" makes a lot of difference. It is encouraging that in 1972 nearly three-fourths of the students were aware of this important factor, but it is disappointing that only 43% of the students indicated awareness that how much a person weighs will make a lot of difference in how much a given amount of alcohol will affect him. There were also no substantial differences between the two surveys in understanding of the myths concerning effective sobering up methods.

Large numbers of students still indicated that they believed drinking coffee, eating food, taking a walk, and taking a cold shower could help a person a lot or some to get rid of the effects of drinking too much alcohol; and over a fifth of the students in both years did not seem to be aware that waiting several hours would be at least somewhat effective in sobering up.

3.4 DRIVING AND DRIVING AFTER DRINKING EXPERIENCE

In 1970 78% of the respondents said they had taken or were taking a driver education course, and 54% said they had a driver's license. In 1972 only 71% said they had taken or were taking driver education, but almost as many (51%) as in 1970 had obtained their licenses. An additional 13% in 1970 and 6% in 1972 said they had learner's permits. In 1972 48% of the licensees said they had obtained their licenses within two months of finishing the driver education course, but 21% had waited six months or more and 4% had waited over a year.

All the students, whether licensed or not, were asked if they had ever driven. In 1970 87% said they had driven a car and 31% said they had driven a motorcycle, while in 1972 89% said they had driven a car or a motorcycle. Fifty-eight percent of the 1972 sample reported that they owned a car or motorcycle or that there was a family vehicle usually available for their use, and 66% said they had driven more than ten different days in the past year not counting driver education practice (39% more than 120

days). The 1972 respondents were also asked to try to estimate all the different kinds of trips they had driven on during the past month. Sixty-nine percent said they had driven at least once during the month (compared to 74% of the 1970 sample), and for those who had their driver's licenses the median reported number of trips during the month was 56. The most common type of trip that the licensed students drove on were trips for personal or family business, followed closely by trips with a social or religious purpose, trips to school, and trips to visit someone. Just over half of the licensees said they had been "just driving around" at least once during the month, and 50% said they had driven to work at least once. The median number of trips driven alone during the month was 21, driven with other teenagers was 13, and driven with family members or other adults was nine. More than half of the licensees said they had driven 100 miles or more during the month, and 11% said they had driven 500 or more miles.

Turning to their driving record, 7% of the total 1972 sample said they had received tickets, 9% had received warnings, and 9% had been in accidents (one student in four). The comparable figures from 1970 were 7%, 10%, and 13% respectively. The reported decline in accident involvement is almost large enough to be considered statistically significant at a 95% level of confidence, and one certainly hopes it is a genuine change. However, in contrast with 1970 when three students said they had been in accidents after drinking, in 1972 eight students said they had been in such accidents, three of them after both drinking and using other drugs. Of course, these numbers are too small to be statistically significant. In 1972 nine of the students receiving tickets said alcohol or alcohol and drugs were involved, and this was true for 15 of the students receiving warnings.

In regard to general driving after drinking behavior there seems to be little difference between the two samples. In 1970 13% of the sample (22% of the licensees) said they had driven at least once in the previous three months after drinking two drinks or more, while in 1972 22% of the sample (34% of the licensees) said that in the previous year they had driven at least once within

an hour after drinking two or more alcoholic drinks. In 1972 7% said they had done this just once, and only 7% said they had done this ten or more times, which is quite close to the 6% in 1970 who said they did this once a week or more. In 1972 27% said they had driven at least once after drinking any amount of alcohol, and 11% admitted to driving after drinking too much for safe driving. For the students with licenses these figures are 43% and 19% respectively, fairly high but still lower than the 64% and 28% of licensees found in the 1973 general public survey in Washtenaw County. Thirty percent of the 1972 licensees said they had driven at least once in place of a driver who had drunk too much, and 21% said they had given up driving themselves at least once because of having had too much to drink. Seventeen percent also admitted to driving at least once after both drinking and using other drugs, and 11% admitted to driving at least once after using other drugs without alcohol. In 1970 41% of all the respondents said they had ridden at least once in the previous three months with a friend who had drunk two drinks or more, and in 1972 57% said they had ridden at least once in the previous year with someone who had drunk too much for safe driving. Similarly, in 1970 15% of the sample had turned down a ride at least once in the previous three months, while in 1972 29% had done this at least once in the previous year.

3.5 KNOWLEDGE ABOUT DRINKING AND DRIVING

When asked to estimate the number of traffic fatalities in Washtenaw County last year only 21% of the 1972 sample guessed within the correct range from 50-99. In fact 37% guessed 200 or more and 10% guessed 1000 or more. The tendency was much more to overestimate than to underestimate the magnitude of the local traffic safety problem. Nor were the 1972 respondents much more accurate in estimating the extent of drinking driver involvement in fatal accidents. Thirty-six percent of those who answered the question estimated in the roughly correct 40-59% range, 40% estimated a higher percentage and 24% estimated a lower percentage. These figures represent no significant changes from the 34%, 39%, and 26% of the 1970 sample who made estimates in these

ranges concerning the percentage of fatal accidents which involve an intoxicated driver. When asked whether they thought more alcohol-related fatal accidents were caused by social drinkers or by problem drinkers, 58% of the 1972 sample opted for social drinkers--although research studies indicate that problem drinkers or incipient problem drinkers are really a larger part of the problem. Very similar percentages, 41% in 1970 and 42% in 1972, said they knew someone who had been in a traffic accident involving a drinking driver.

In regard to safe drinking limits before driving the 1972 respondents seemed much more conservative than the 1970 respondents. Sixty percent of the 1970 respondents estimated that persons of their age and sex could have three or more drinks at 15 minutes per drink before becoming unsafe as a driver, and 22% said five or more drinks. In 1972 only 38% said a person of their age and weight could have three or more drinks on an empty stomach in an hour before driving without increasing his chance of having an accident, and only 10% said five or more drinks. Thirty-six percent of the 1972 respondents compared to only 8% of the 1970 respondents said only one drink or no drinks would be safe. In 1972 the actual weight of each respondent was obtained and the realistic number of safe drinks was calculated (based on .05% BAC). When this was compared with the respondent's estimated numbers of safe drinks for a person of his or her age and weight, it was found that 43% were approximately correct, while 19% estimated above the correct number by 40% or more, and 38% estimated below the correct number by 40% or more. Very similar percentages of overestimation and underestimation were found in comparing the real and the estimated numbers of drinks a person of the same age and weight could have in an hour without being considered legally impaired (.08% BAC) and without being considered legally "under the influence" (.10% BAC). Of course the large underestimations concerning the answers to these questions are not likely to involve any harmful consequences, but the misinformation of the 19% who greatly overestimated their personal safe limits could lead to dire consequences on the highway.

The 1972 sample was also asked to guess the increased chances of getting in an accident for persons of their age and weight who consume six drinks in an hour and nine drinks in an hour. The actual increased risks were determined based on the respondent's body weight, the resulting BAC, and the chart concerning the relative risk of accident at various BACs which was developed by Robert Borckenstein, et.al., in the 1964 Grand Rapids study.* For six drinks 70% estimated well below the real increased risk, only 10% were in the approximately correct range, and 19% substantially overestimated the increased risk. For nine drinks the underestimations were even greater, 76%, while only 7% substantially overestimated the increased risk of accident. The distributions of answers to these questions were only slightly better for the subset of students who had their driver's licenses, so it is apparent that large numbers of students have not been well educated in their driver education classes as to their personal safe drinking limits before driving and as to the increased risks of accident from over-consumption of alcohol.

Turning to legal information about drinking and driving, only 2% of the 1972 sample were able to give the correct presumptive minimum BAC for driving while impaired (either .07% or .08% was counted as correct), although another 7% gave the correct number but with no decimal point or a misplaced decimal point and 22% said 10, .10, 15, or .15. Similarly, only 8% (9% of the licensees) gave the correct presumptive minimum for DUIL (.10%), but another 8% gave the correct number with no decimal or the wrong decimal, and 9% gave the old correct number (.15) or said 15 or 1.5.

In regard to police use of breath tests 90% of the 1972 sample correctly indicated that the police were legally empowered to request a driver to take a breath test if he was arrested for drunk driving. However, 84% were incorrect in thinking the police could do this anytime a person who appears to have been drinking

*Borckenstein, R.F. & Crowther, R.F. "The Role of the Drinking Driver in Traffic Accidents: A Summary". Traffic Digest & Review, 12:6:4-7,29, June 1964.

is involved in a crash, 57% were incorrect in thinking the police could do this anytime they saw an apparently drunk driver get into a driver's seat, and 26% were incorrect in thinking the police could do this in a random road check. Only 7% were correct on all four questions. In 1970 the question had asked when the police could require a driver to take a breath test, and 12% had been correct that the police can't require anyone to take the test. Forty-six percent thought the police could require the test if they arrest a driver for driving while intoxicated and 16% thought the police could require the test in a random spot check.

Much misinformation was also apparent regarding the consequences of refusing to take a breath test when requested to by the police. Fourteen percent of the 1972 sample said there would be no penalty, and only 60% said that a suspended license would result (a slight increase from 56% of those giving an answer to a similar question in 1970). Twenty percent said the police would impound the car, 16% said insurance rates would increase, 50% said there would be a fine, and 45% said jail would result. Those students with licenses were slightly more likely to know that license suspension would result (67% compared to 53% of the non-licensees), but they were also more likely to check other penalties such as car impoundment and higher insurance rates. In all only 15% of the respondents (17% of the licensees) were completely correct in marking only license suspension as the expected consequence of refusing to take a breath test. Interestingly, only 8% of the sample thought that a person who refused a breath test was less likely to be convicted of the drunk driving charge, while 64% thought he was more likely to be convicted.

The respondents in both 1970 and 1972 were also asked about the common consequences of a first drunk driving conviction. The results are compared in Table 6.

The changes in the perceptions of the two samples are startlingly large with only about half as many students in 1972 as in 1970 recognizing license suspension as a common consequence of a first drunk driving conviction, while significantly more students in 1972 than in 1970 thought jail and fines and medical help were common consequences. In 1972 37% of the licensed

respondents compared to 21% of the non-licensed respondents were aware of the higher insurance rate consequences of a drunk driving conviction, but this is still a disappointingly small proportion of those students who should have learned this and other important legal information about drinking and driving in their driver education classes.

TABLE 6. STUDENT PERCEPTION OF COMMON CONSEQUENCES OF A FIRST CONVICTION FOR DRUNK DRIVING IN WASHTENAW COUNTY, IN PERCENT

	<u>First Conviction</u>	
	<u>1970</u>	<u>1972</u>
Losing One's License	74	39
Going to Jail	24	30
Paying Higher Insurance Rates	26	29
Paying a Fine	68	80
Taking Pills to Prevent Drinking	NA	6
Required Driver Classes	NA	23
Required Medical Help	3	9
Warning Only	NA	19

3.6 KNOWLEDGE AND ATTITUDES ABOUT ALCOHOL SAFETY COUNTERMEASURES

Turning to student knowledge and attitudes concerning programs to reduce drunk driving, 21% of the 1972 respondents said they had heard of the Washtenaw County Alcohol Safety Action Program, but none could name the group in charge of it. The percentage having heard of the program is quite close to the 23% of the general public who reported having heard of the program. When asked specifically about various WCASAP activities, 13% said they had heard of the special police patrols, 18% had heard of the roadside breathtesting surveys, 17% had heard of courts' requiring the use of drinking prevention pills, 41% had heard of the local campaign about knowing your safe alcohol limits, 29% had heard of the increase in drunk driving arrests, 38% had heard of special alcohol education classes, 20% had heard of special probation officers, and 39% had heard of counseling in groups and couples clubs. In all 69% of the respondents said they had heard

of at least one activity. Newspapers were the most important source of local information (35%), followed by school classes and friends (25% each), television (22%), radio (21%), family (19%), pamphlets (15%), magazines (12%), meetings (4%), and fairs (2%). Only 1% reported having seen the movie "Guilty Victim" which was produced locally by the Washtenaw Council on Alcoholism as part of its public information and education campaign on drinking and driving.

In regard to national information campaigns on drinking and driving there was a significant decline in awareness of such campaigns between the 1970 and 1972 respondents. In 1970 91% of the students said that in the previous three months they had seen or heard an advertisement, spot commercial, article, film, etc. about the effects of drinking on driving, and 81% had seen such messages on television. In 1972 only 62% said they had noticed recently any information or messages about the drunk driving problem and what can be done about it, and only 56% had noticed such information or messages on television. There was also a decline in such perceptions in magazines (30% to 20%) and on billboards (20% to 15%), but the percentages noticing such information or messages on the radio (26% to 28%) or in the newspapers (29% to 28%) did not change much.

Only 15% of the 1972 sample agreed with the statement that for too much fuss is made about the dangers of drinking and driving, and 57% strongly disagreed with it. When asked if they would personally be willing to pay more taxes to support a program which could cut down on alcohol-related accidents by as much as one half or one-third, 60% of the 1972 respondents said that they would, an encouraging sign of support for alcohol safety efforts. Sixty-nine percent said that they thought the main effort of such a program should be to get people to understand how much they can safely drink before driving and to stick to those limits, rather than getting people never to drink before driving. However, a surprisingly high 49% agreed with the statement that **having** even one drink will make a person a poorer driver.

The 1972 respondents showed a certain amount of ambivalence regarding the best ways to counteract the drunk driving problem.

Two-thirds of them agreed strongly or somewhat that the number of fatal accidents would go way down if those persons who drive after drinking too much were more strongly punished. Yet 79% agreed strongly or somewhat that it is better to place problem drinkers who are convicted of drunk driving on probation and into a counseling or treatment program than it is to give them severe penalties. Of course part of this ambivalence is no doubt due to the fact that the first statement refers to drunk drivers in general, while the second statement refers to problem drinkers in particular. On the question of government help for problem drinking drivers, 85% agreed that the government should help keep drunk drivers off the road even if it means spending money to provide medical and psychological help.

In both 1970 and 1972 the students were asked directly what they thought the consequences should be for a first conviction and for a third conviction for drunk driving (without reference to whether the convictee was a social or problem drinker). A comparison of the results is shown in Table 7.

TABLE 7. STUDENT PERCEPTION OF APPROPRIATE CONSEQUENCES FOR FIRST AND THIRD DRUNK DRIVING CONVICTIONS, IN PERCENT

	First Conviction		Third Conviction	
	1970	1972	1970	1972
Losing One's License	70	39	86	81
Going to Jail	21	26	39	56
Paying Higher Insurance Rates	18	31	22	46
Paying a Fine	68	73	61	69
Taking a Pill to Prevent Drinking	NA	11	NA	24
Required Driver Classes	NA	28	NA	34
Required Medical Help	7	16	21	50
Warning Only	NA	18	NA	2

The major changes in opinion on appropriate first conviction penalties are a decline in thinking a drunk driver should lose his license and increases in thinking a drunk driver should pay higher insurance rates and should be required to seek medical help. These two consequences increased even more in favor from the 1970 sample to the 1972 sample for drunk drivers convicted for the third time, although sending such persons to jail also gained substantially in its proportion of adherents. The large increase in support for required medical treatment is encouraging, and seems indicative of a greater awareness among the students that a person who is arrested three times for drunk driving probably has a problem which requires professional help.

Turning to appropriate police activity in regard to reducing drunk driving, 83% of the 1972 sample said the police should be empowered to request an alcohol test anytime a person who appears to have been drinking is involved in a highway crash, and 65% would permit this anytime an apparently drunk person is seen getting into a driver's seat. However, only 25% approved of this power when a driver is stopped in a random road check. Similarly 68% agreed that the police should patrol more around bars and taverns at night, but only 40% agreed that they should patrol more around places where people are having parties at night.

In regard to host behavior as a deterrent to drunk driving, a full 94% of the 1972 sample agreed strongly or somewhat that a good host at a party should try to see that his guests who must drive home do not drink too much. And bartenders were also seen by most students as having similar responsibilities. Sixty-six percent agreed that the bartenders should limit the number of drinks that they will serve to customers who plan to drive, and 83% agreed that alcohol breathtesting devices should be available in taverns and bars for customer's use in determining whether they have drunk too much for legal driving.

APPENDIX I

CODEBOOK WITH MARGINALS FOR THE 1972-73 SURVEY
OF WASHTENAW COUNTY HIGH SCHOOL STUDENTS ON
ALCOHOL USE AND DRIVING BEHAVIOR

INTRODUCTION TO THE HIGH SCHOOL CODEBOOK

The following codebook shows the results obtained from a survey on alcohol use and driving behavior which was conducted in the 14 high schools of Washtenaw County during the winter of 1972-73. A systematic sample of one-fifteeth of the sophomores, juniors and seniors in the 14 schools was drawn, and of these 678 students a total of 589 students filled out the questionnaire, an 87% response rate.

For most of the variables in the codebook seven sets of percentages are provided in the left margin next to the code categories. The first column under the heading "TS" shows the percentage results for the total sample of 589 students (less any students who did not answer the particular question). The next three columns under the headings "10", "11" and "12" show the results separately for the 223 sophomores, the 199 juniors and the 167 seniors in the sample. The next two columns under the headings "M" and "F" show the results separately for the 271 male and the 317 female respondents. The final column under the heading "DL" shows the results for the 298 respondents who had obtained a driver's license at the time of the survey. If a number in one of these columns is preceded by an "*" this means the number is an actual frequency rather than a percentage. In most cases percentages will add to one hundred in each column, but for the multiple response variables (e.g., Variable 403 DAD Message) the percentages are based on dividing the number of mentions of a category by the number of respondents and will usually add to more than one hundred.

For a few variables the actual frequencies alone are printed, but these have been labeled accordingly. Also there are a large number of numeric variables for which percentage distributions would be inappropriate. For many of these the tenth, thirtieth, fiftieth, seventieth and ninetieth percentiles have been presented for each of the seven analysis categories. These variables (e.g., Variable 6 Weight) are labelled "Percentiles" in the margin.

CODEBOOK FOR 1972-73 SURVEY OF WASHTENAW COUNTY HIGH SCHOOL STUDENTS
ON ALCOHOL USE AND DRIVING BEHAVIOR

Variable #

V1 R1 Data Set Number (1)

V2 R2 Respondent ID Number (3 digits)

V3 R3 School (QA1. What school do you attend?)

MD=99

Frequencies

TS	Grade			Sex		DL
	10	11	12	M	F	
129	45	42	42	63	66	73
103	38	36	29	52	51	54
20	8	7	5	8	12	8
39	13	14	12	21	18	23
30	12	10	8	11	19	18
4	2	1	1	1	3	2
36	13	12	11	21	15	17
17	6	6	5	8	9	11
38	15	13	10	16	22	18
12	4	4	4	6	6	4
29	10	11	8	12	17	17
14	7	5	2	4	10	7
25	10	10	5	11	13	8
93	40	28	25	37	56	38
589	223	199	167	271	317	298

01. Ann Arbor Pioneer
02. Ann Arbor Huron
03. Ann Arbor Community
04. Chelsea
05. Dexter
06. Greenhills
07. Lincoln
08. Manchester
09. Milan
10. St. Thomas
11. Saline
12. Whitmore Lake
13. Willow Run
14. Ypsilanti

Frequencies

TS	M	F	DL
223	97	126	7
199	100	98	144
167	74	93	147

V4 R4 Grade (QA2. What is your present grade in school?)

MD=9

1. 10th
2. 11th
3. 12th

Percentages

TS	10	11	12	M	F	DL
0	0	0	0	0	0	0
*3	1	0	0	*2	*1	0
33	85	1	0	29	35	0
34	13	82	2	37	31	45
27	*1	15	78	25	29	47
5	0	1	16	7	4	7
*5	0	0	3	*2	*3	1

V5 R5 Age (QA3. Age on your last birthday)

MD=9

1. Under 14
2. 14
3. 15
4. 16
5. 17
6. 18
7. 19 or older

V6 R6 Weight (QA4. About how much do you weigh?)

MD=999

ACTUAL NUMBER CODED

999. NA

Percentiles

TS	10	11	12	M	F	DL	
10.	108	105	112	106	120	104	110
30.	120	115	122	120	135	112	120
50.	130	125	135	135	150	120	135
70.	145	140	150	150	160	129	150
90.	170	160	165	179	180	145	175

Frequencies

TS	10	11	12	DL
271	97	100	74	141
317	126	98	93	157
1		1		

V7 R7 Sex (QA5. What is your sex?)

MD=9

1. Male
2. Female
9. NA

TS	10	11	12	M	F	DL
80	82	79	80	82	79	83
*5	0	1	2	1	*2	1
10	13	9	9	9	11	8
1	1	1	1	*2	2	1
5	3	7	4	4	6	4
*3	0	1	*1	*2	*1	0
*4	*2	*1	*1	1	*1	*3
1	*1	1	2	1	*3	1
0	0	0	0	0	0	0

V8 R8 Guardian(s) QA6. With whom do you live most of the time? MD=9

1. Both parents
2. Father only
3. Mother only
4. Father & stepmother
5. Mother & stepfather
6. Foster parents
7. Other relatives
8. Other
 - Aunts
 - Friend (3 entries)
 - Myself (2 entries)
 - Six other guys in an apartment on campus
 - Married and live with my husband and child.
9. NA

TS	10	11	12	M	F	DL
33	39	28	32	35	31	30
11	4	16	14	10	11	17
11	11	11	10	9	12	12
20	20	19	20	20	19	19
17	17	15	18	17	16	13
8	8	10	5	7	9	8
*1	*1	0	0	0	*1	0
1	1	1	1	*2	2	1
*43	*20	*14	*9	*29	*14	*15

V9 R9 Guardian's Occupation (QA7. What is the occupation of the person who contributes most to your family's support; that is, what kind of work does he or she do? (For example, teacher, mechanic, machine operator, locomotive engineer, truck driver, practical nurse, etc.) MD=99

01. Professional, technical & kindred workers
02. Managers, officials & proprietors (except farm)
03. Clerical, sales & kindred workers
04. Craftsmen, foremen & kindred workers
05. Operatives & kindred semi-skilled workers
06. Service workers, including private household workers
07. Laborers (except farm)
08. Farmers (including managers, foremen, & laborers)
99. NA, retired, unemployed

TS	10	11	12	M	F	DL
5	4	5	7	4	6	7
19	18	17	21	18	19	18
31	29	36	27	32	30	29
16	18	13	16	13	18	14
11	12	9	12	11	11	12
18	18	19	18	22	15	19
*3	*1	1	0	*1	*2	*2
*19	*9	*7	*3	*8	*11	*6

V10 R10 Guardian's Education (QA8. How many grades of school or college did that person complete?) MD=9

1. 7 grades of school or less
2. 8-11 grades
3. 12 grades (high school diploma)
4. 1-3 years of college
5. 4 years college (Bachelor's degree)
6. 1 or more years of graduate school (beyond B.A.)
8. DK
9. NA

TS	10	11	12	M	F	DL
42	33	44	51	43	41	52
30	32	31	25	27	31	25
8	11	8	5	11	6	5
6	5	5	7	4	7	7
15	18	12	12	15	14	11
*4	0	*4	0	*1	*3	*3

V11 R11 R to College (QA9. Do you expect to go to college?) MD=9

1. Definitely yes
2. Probably yes
3. Probably not
4. Definitely not
8. Don't know
9. NA

V12 R12 Religion (QA10. Is your religious preference Protestant, Roman Catholic, Jewish, or something else?) MD=9

TS	10	11	12	M	F	DL
56	53	59	57	53	59	59
24	26	22	24	25	23	22
2	2	1	2	3	1	2
4	4	4	3	5	3	4

1. Protestant (Baptist, Methodist, etc.)
2. Roman Catholic
3. Jewish
4. Other

Atheist (9 entries)
 Agnostic
 Muslim (3 entries)
 Greek Orthodox
 Rainbow People's Party
 Jehovah's Witness (2 entries)

14	15	14	14	15	13	13
*9	0	*3	*6	*3	*6	*5

8. No preference
9. NA

V13 R13 Church - Anti-Alcohol (QA11. Does your religious group have a position against drinking any alcoholic beverages?) MD=9

TS	10	11	12	M	F	DL
18	17	18	20	17	19	18
44	45	41	47	42	45	47
25	24	27	23	29	21	24
13	15	13	10	12	13	11
*8	*4	*2	*2	*3	*5	*3

1. Yes
5. No
8. Don't know
0. No preference
9. NA

V14 R14 Church Attendance (QA12. Would you say you go to religious services every week, almost every week, once or twice a month, a few times a year, or never?) MD=9

TS	10	11	12	M	F	DL
28	32	27	25	25	31	25
17	14	17	19	14	19	19
11	14	7	10	9	12	9
28	25	30	30	35	23	31
16	15	19	16	17	16	16
*3	*1		*2	0	*3	*2

1. Every week
2. Almost every week
3. Once or twice a month
4. A few times a year
5. Never
9. NA

V15 R15 Ever Drunk Alcohol (QB1. Have you ever had at least one alcoholic drink?) MD=9

TS	10	11	12	M	F	DL
81	77	78	90	83	80	86
15	17	19	7	14	15	12
4	6	3	3	4	4	2
*1	*1	0	0	*1	0	0

1. Yes
2. No, I have only tasted alcohol
3. No, I have never even tasted alcohol
9. NA

V16 R16 First Drink Age (QB1a. How old were you when you had your first alcoholic drink?) ACTUAL NUMBER CODED MD=99

TS	10	11	12	M	F	DL
21	26	23	10	19	22	15
1	1	*1	3	2	1	2
*3	*1	*1	*1	*2	*1	*1
1	1	2	2	1	2	2
1	1	2	1	2	1	1
1	*1	1	2	3	0	1
7	11	5	3	7	6	4
5	6	5	3	6	4	5
12	14	13	10	16	10	11
15	18	12	13	15	15	13
15	15	13	19	13	17	17
11	5	13	16	9	12	15
7	*1	10	10	4	9	10
1	0	*1	5	2	1	3
*2	0	0	1	0	2	*1
*2	*1	*1	0	*1	*1	0

00. Inap., R is a non-drinker
05. Five years old
06. Six years old
07. Seven years old
08. Eight years old
09. Nine years old
10. Ten years old
11. Eleven years old
12. Twelve years old
13. Thirteen years old
14. Fourteen years old
15. Fifteen years old
16. Sixteen years old
17. Seventeen years old
18. Eighteen years old
98. DK

*56	*29	*15	*12	*30	*26	*22
-----	-----	-----	-----	-----	-----	-----

99. NA

V17 R16A First Drink Age-8 (R16 collapsed)

MD=9

TS	10	11	12	M	F	DL
13	15	11	12	15	10	11
5	6	5	3	6	4	5
12	14	13	10	16	10	11
15	18	12	13	15	15	13
15	15	13	19	13	17	17
11	5	13	16	9	12	15
7	*1	10	10	4	9	10
2	0	*1	6	2	2	3
21	26	23	10	19	22	15
*58	*30	*16	*12	*31	*27	*22

1. 5-10 years of age
2. 11 years of age
3. 12 years of age
4. 13 years of age
5. 14 years of age
6. 15 years of age
7. 16 years of age
8. 17-18 years of age
0. Inap., R is a non-drinker
9. DK, NA

V18 R17 First Drink Type (QBlb. What was your first drink?)

MD=9

TS	10	11	12	M	F	DL
34	35	31	38	40	29	35
23	23	21	28	22	25	24
6	5	4	8	8	4	6
12	10	16	11	8	15	14
4	3	5	5	3	5	5
20	25	23	10	18	21	15
*41	*20	*12	*9	*21	*20	*16

1. Beer
2. Wine
3. Straight liquor
4. Mixed drink
5. Alcoholic punch
0. Inap., R is a non-drinker
9. NA

V19 R18 First Drink Place (QBlc. Where were you when you had your first drink?)

MD=9

TS	10	11	12	M	F	DL
*5	*1	1	1	*1	1	1
36	36	35	37	37	35	37
19	18	18	22	16	22	20
5	4	5	5	7	3	5
5	3	3	10	4	5	6
11	12	11	10	15	8	12
2	*3	3	2	1	2	3
1	1	*1	2	*2	2	2
20	25	23	10	19	21	15
*43	*20	*13	*10	*22	*21	*17

1. Bar or restaurant
2. Own home
3. Friend's or relative's home
4. Recreational or sports event
5. In vehicle
6. Outdoors
7. Other
 - A party (3 entries)
 - Boy Scout Camp
 - Church-communion (2 entries)
 - Dormitory at MSU
 - Wedding (3 entries)
8. DK
0. Inap., R is a non-drinker
9. NA

V20 R19 First Drink Company (Bld. Who were you with?)

MD=9
Responses=2

TS	10	11	12	M	F	DL
33	27	34	38	33	33	36
14	13	11	18	16	12	15
39	41	37	37	35	42	39
2	*1	2	3	2	1	2
20	25	23	10	18	21	15
*41	*19	*13	*9	*21	*20	*16

1. Friends or relatives about my age
2. Older friends or brothers or sisters
3. Parents, older relatives, or other adults (5 additional responses not coded)
4. No one else
0. Inap., R is a non-drinker; no second response
9. NA

V21 R19A First Drink Company Mix (Combination of responses in R19) MD=9

TS	10	11	12	M	F	DL
28	25	28	33	30	27	31
9	8	6	13	13	5	10
35	37	33	35	34	36	35
2	*1	2	3	2	1	2
3	2	4	3	2	4	3
1	1	2	1	*1	2	2
2	3	2	1	*2	3	1
20	25	23	10	18	21	15
*41	*19	*13	*9	*21	*20	*16

1. Only friends or relatives about my age
2. Only older friends or brothers or sisters
3. Only parents, older relatives, or other adults
4. No one else - R was alone
5. Friends or relatives about my age & older friends or brothers or sisters
6. Friends or relatives my own age & parents, older relatives, or other adults
7. Older friends or brothers or sisters & parents, older relatives or other adults
0. Inap., R is a non-drinker
9. NA

V22 R20 First Drink Source (QBlc. How did you obtain the alcohol?) MD=9

TS	10	11	12	M	F	DL
15	13	15	17	15	15	16
15	15	14	17	18	13	17
39	39	39	39	37	41	41
2	1	2	3	2	2	2
6	5	4	10	7	5	6
3	2	2	4	3	2	4
20	24	23	10	18	21	15
*42	*18	*42	*12	*21	*21	*19

1. Received it from a friend or relative about my age
2. Received it from an older friend or brother or sister
3. Received it from a parent, older relative or other adult
4. Purchased it myself
5. Took it from the family supply
6. Other
 - Pastor
 - Somebody else bought it
 - Found it (2 entries)
 - Stole it (2 entries)
 - A keg at a party-hand someone a glass & they fill it up
 - Stood in front of store & asked people if they were 21- finally someone was
 - It was at my friend's house
 - From work partner
 - Pimped it at the store
0. Inap., R is a non-drinker
9. NA

V23 R21 Total First Drinks (QBlf. About how much did you drink in all on that occasion?) MD=9

TS	10	11	12	M	F	DL
41	38	43	41	38	43	44
16	15	14	18	18	14	15
9	8	5	14	9	8	10
5	1	7	6	4	5	6
3	5	2	2	3	3	2
2	3	1	1	3	1	1
1	1	1	2	2	*2	1
4	3	4	5	5	3	4
20	25	23	11	19	22	15
*54	*23	*16	*15	*27	*26	*25

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
6. Six drinks
7. Seven drinks
8. Eight or more drinks
 - One bottle of wine (4 entries)
 - Two bottles of wine (4 entries)
 - Three bottles of wine
 - Can of beer & a bottle of Boones Farm wine
 - 1/2 pint vodka 10 drinks
 - 8 drinks (2 entries) 1/2 fifth
 - 9 drinks (2 entries) 12 drinks
 - 13 drinks 1 pint
0. Inap., R is a non-drinker
9. NA, DK

V24 R22 Why First Drink (QB1g. Why did you drink that first time?) Responses=4 MD=9

TS	10	11	12	M	F	DL
19	18	17	21	16	25	18
7	6	7	7	9	5	7
36	30	34	45	39	33	39
5	6	6	5	4	7	5
12	12	10	14	12	11	12
24	23	25	23	19	28	26
4	3	3	5	4	3	4

1. I felt like celebrating
2. I wanted to feel more grown up
3. I was curious
4. My friends wanted me to drink
5. I wanted to get drunk
6. My parents or relatives offered it to me
7. Other
 - I wanted something to drink. It was either that or coffee or mixed drinks.
 - I did not want to be a square.
 - Felt very depressed, almost desperate.
 - Thirsty from working.
 - I just wanted to drink something else than coke.
 - My grandfather used to let me sip his beer & I liked the taste of it.
 - I wanted to taste home-made grape wine.
 - Contest to see who could drink the most Schnapps without stopping.
 - Church ritual.
 - Didn't know any better.
 - Religious service
 - Just to get away with it (I snuck into my parents supply behind their back).
 - Bored stiff with nothing else to do.

*4 0 0 3 0 1 1
21 25 23 11 19 22 16

*57 *26 *18 *13 *28 *29

8. DK
0. Inap., R is a non-drinker; or no second, third or fourth response

9. NA

V25 R23 Drink Past Week (QB2. Did you drink any alcoholic beverage during the past 7 days?) MD=9

TS	10	11	12	M	F	DL
36	32	35	42	39	33	14
46	46	44	48	44	47	41
19	23	22	10	17	20	45
*5	*2	*2	*1	*3	*2	*1

1. Yes
5. No
0. Inap., R is a non-drinker
9. NA

V26 R24 Monday Total Drinks (QB2a. Please try to think back over the past 7 days & fill in the chart below for each day when you had something alcoholic to drink. (a) NUMBER OF DRINKS: Write the number of beers, glasses of wine, or servings of hard liquor you had in the boxes next to the day when you had them.)

TS	10	11	12	M	F	DL
3	3	5	*1	3	3	2
2	*2	2	3	2	1	2
1	1	*1	2	2	*1	1
0	0	0	0	0	0	0
0	0	0	0	0	0	0
*3	*2	0	*1	*1	*2	0
*1	0	0	*1	0	*1	*1
*3	*2	0	*1	*2	*1	*1
93	93	92	93	91	94	94
*22	*8	*6	*8	*11	*11	*11

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
6. Six drinks
7. Seven drinks
8. Eight or more drinks
 - 10 drinks
 - 12 drinks
 - 17 drinks
0. None, or Inap., R is a non-drinker
9. NA

V27 R25 Tuesday Total Drinks (QB2a. Number of drinks?) MD=9

TS	10	11	12	M	F	DL
2	0	4	2	3	1	3
2	3	2	*1	3	1	1
1	1	*1	1	1	*2	*2
*1	0	0	*1	*1	0	*1
*2	*2	0	0	*1	*1	*0
*3	0	*1	1	1	0	1
94	95	93	94	91	97	93
*16	*5	*6	*5	*10	*6	*8

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
8. Eight or more drinks
8 (2 entries)
12 drinks
0. None, or Inap., R is a non-drinker
9. NA

V28 R26 Wednesday Total Drinks (QB2a. Number of drinks?) MD=9

TS	10	11	12	M	F	DL
4	5	3	3	3	5	3
2	1	3	*1	2	2	2
1	*2	*1	2	1	*2	1
*4	*1	*1	1	1	*1	*2
*2	*1	*1	0	*1	*1	*1
*3	*1	*1	*1	*2	*1	*1
92	92	92	93	91	92	93
*20	*7	*7	*6	*12	*8	*10

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
8. Eight or more drinks
11 drinks
16 drinks
17 drinks
0. None, or Inap., R is a non-drinker
9. NA

V29 R27 Thursday Total Drinks (QB2a. Number of drinks?) MD=9

TS	10	11	12	M	F	DL
3	3	3	4	3	3	3
2	2	2	3	3	*2	2
*5	0	1	2	*2	1	2
*2	*1	0	*1	*1	*1	*1
*2	*1	*1	0	*1	*1	0
*1	0	*1	0	*1	0	0
*4	*1	*1	1	1	0	1
93	94	93	90	90	95	91
*17	*4	*6	*7	*11	*6	*10

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
7. Seven drinks
8. Eight or more drinks
8 drinks
9 drinks
10 drinks
19 drinks
0. None, or Inap., R is a non-drinker
9. NA

V30 R28 Friday Total Drinks (QB2a. Number of drinks?) MD=9

TS	10	11	12	M	F	DL
2	2	3	3	2	3	3
3	1	1	4	4	3	5
2	1	*1	2	2	2	3
1	*1	*1	1	*2	2	1
*4	1	*1	*1	1	*1	1
*5	*1	1	1	1	*2	1
*1	*1	0	0	*1	0	0
3	3	2	3	3	2	3
87	89	90	80	85	88	83
*25	*6	*10	*9	*15	*10	*13

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
6. Six drinks
7. Seven drinks
8. Eight drinks
8 (2 entries)
9 drinks
10 (2 entries)
12 (2 entries)
14 (2 entries)
18 drinks
24 drinks
0. None, or Inap., R is a non-drinker
9. NA

V31 R29 Saturday Total Drinks (QB2a. Number of drinks?) MD=9

TS	10	11	12	M	F	DL
6	4	6	8	7	5	7
3	2	3	4	3	3	4
1	*1	*1	3	*2	1	2
2	2	2	1	3	1	2
1	*1	*1	3	3	0	2
*5	*2	1	*1	2	*1	*2
*3	*1	1	0	*1	*2	0
2	3	1	1	2	2	1

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
6. Six drinks
7. Seven drinks
8. Eight or more drinks
 - 8 drinks 18 drinks
 - 10 (2 entries) 19 drinks
 - 12 drinks 25 drinks
 - 13 drinks 16 drinks
0. None, or Inap., R is a non-drinker

84	86	85	79	80	87	81
*25	*6	*9	*10	*15	*10	*14

9. NA

V32 R30 Sunday Total Drinks (QB2a. Number of drinks?) MD=9

TS	10	11	12	M	F	DL
4	5	3	3	4	4	3
2	1	2	3	2	2	3
3	*2	*1	0	*2	*1	0
1	0	*1	0	0	*1	*1
1	0	0	*1	0	*1	*1
1	0	*1	0	*1	0	0
5	1	0	1	*2	1	*2

1. One drink
2. Two drinks
3. Three drinks
4. Four drinks
5. Five drinks
6. Six drinks
8. Eight or more drinks
 - 8 (2 entries) 17 drinks
 - 24 drinks
0. None, or Inap., R is a non-drinker

93	92	94	92	92	93	92
*19	*7	*6	*6	*9	*10	*9

9. NA

V33 R31 Highest Day (QB2a. Day most drinks?) MD=9

TS	10	11	12	M	F	DL
2	3	3	*1	2	3	1
2	2	2	3	3	2	3
3	3	5	2	3	4	3
2	*1	2	4	2	2	3
9	7	7	13	11	7	11
11	9	10	13	13	9	12
4	4	3	3	2	5	3
67	70	69	61	65	69	62

1. Monday
2. Tuesday
3. Wednesday
4. Thursday
5. Friday
6. Saturday
7. Sunday
0. Inap., R is a non-drinker; or R did not drink that week

*29	*8	*11	*10	*17	*12	*16
-----	----	-----	-----	-----	-----	-----

9. NA

V34 R32 Highest Drinks 1 Day (QB2a. Highest quantity of drinks consumed on the days coded above.) MD=98,99

TS	10	11	12	M	F	DL
9	9	10	8	7	11	9
7	4	7	11	8	6	11
4	3	4	6	4	4	5
3	3	3	2	3	2	3
2	*2	1	4	3	*2	3
2	2	1	3	2	2	2
*4	*2	1	0	*2	*2	0
1	2	0	2	*2	2	1
*3	*1	1	0	1	0	*1
*4	*1	1	*1	1	*1	1
*3	*1	*1	*1	*1	*2	*2
*1	*1	0	0	*1	0	0
*2	*1	0	*1	*2	0	*1
*1	0	*1	0	*1	0	*1
*1	0	*1	0	*1	0	0
*2	*1	0	*1	*1	*1	*1
*2	0	*1	*1	*2	0	*2
*1	*1	0	0	0	*1	0
68	72	69	61	65	70	63

01. One drink
02. Two drinks
03. Three drinks
04. Four drinks
05. Five drinks
06. Six drinks
07. Seven drinks
08. Eight drinks
09. Nine drinks
10. Ten drinks
12. Twelve drinks
13. Thirteen drinks
14. Fourteen drinks
16. Sixteen drinks
17. Seventeen drinks
19. Nineteen drinks
24. Twenty-four drinks
25. Twenty-five drinks
00. Inap., R is a non-drinker; or R did not drink that week

*34	*12	*12	*10	*17	*17	*17
-----	-----	-----	-----	-----	-----	-----

99. NA

V35 R32A-Most Drinks 1 Day-9

MD=9

TS	10	11	12	M	F	DL
16	13	17	19	15	17	20
7	6	7	8	7	6	7
4	3	2	7	5	3	5
2	2	1	1	2	2	1
1	*2	2	*1	2	*1	1
2	2	2	*3	3	1	3
68	72	69	61	65	70	63

*34 *12 *12 *10 *17 *17 *17

1. One-two drinks
2. Three-four drinks
3. Five-six drinks
4. Seven-eight drinks
5. Nine-ten drinks
6. Eleven-twenty-five drinks
0. Inap., R is a non-drinker; or R did not drink that week
9. DK, NA

V36 R33 Total Weekday Alcohol (QB2a. The sum of all alcoholic drinks consumed from Sunday dinner time through Friday afternoon.) MD=98,99

ACTUAL NUMBER CODED

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0
70.	0	0	0	0	0	0	0
90.	3	3	2	3	3	2	3

V37 R33A Weekday Total-9 (R33 collapsed)

MD=9

TS	10	11	12	M	F	DL
9	9	7	10	7	10	8
5	5	5	6	5	5	5
1	2	1	*1	1	1	*2
*2	*1	0	*1	*2	0	*1
1	0	2	2	3	*1	2
*2	*1	0	*1	*2	0	*1
*2	*1	0	*1	*1	*1	*1
81	80	85	79	80	82	82

*27 *9 *9 *9 *14 *13 *14

1. One -two drinks
2. Three-four drinks
3. Five-six drinks
5. Nine-ten drinks
6. Eleven-twenty-five drinks
7. Twenty-six - fifty drinks
8. Fifty-one or more drinks
0. Inap., R is a non-drinker; or R did not drink those weekdays
9. DK, NA

V38 R34 Total Weekend Drinks (QB2a. Sum of all alcoholic drinks consumed from Friday dinner time through Sunday afternoon.) MD=98,99

ACTUAL NUMBER CODED

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0
70.	0	0	0	0	0	0	0
90.	4	4	4	5	5	3	5

98. DK
99. NA
00. Inap., R is a non-drinker; or R did not drink that weekend

V39 R34A Weekend Total-9 (R34 collapsed)

MD=9

TS	10	11	12	M	F	DL
10	8	10	13	10	11	13
6	4	6	7	6	5	7
2	*2	3	4	3	1	4
2	2	0	3	2	2	1
1	1	2	1	2	1	1
2	3	2	3	4	2	2
*3	*1	*1	*1	*2	*1	*2
75	79	77	68	72	78	70

*30 *10 *10 *10 *16 *14 *15

1. One-two drinks
2. Three-four drinks
3. Five-six drinks
4. Seven-eight drinks
5. Nine-ten drinks
6. Eleven-twenty-five drinks
7. Twenty-six - fifty drinks
0. Inap., R is a non-drinker; or R did not drink that weekend
9. DK, NA

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0
70.	1	0	1	2	2	0	2
90.	7	8	6	7	9	5	6

V40 R34B Whole Week Total (Sum of the responses in R33 & R34.) MD=99

- 99. DK, NA
- 00. Inap., R is a non-drinker; or R did not drink that week

	TS	10	11	12	M	F	DL
	12	11	12	13	10	13	13
	7	4	6	10	6	7	10
	4	1	4	6	5	2	5
	3	4	3	3	3	3	3
	1	2	2	0	2	*1	1
	4	5	3	5	5	4	4
	1	*2	2	1	2	*1	1
	*2	*1	0	*1	*1	*1	*1
	68	72	69	61	65	70	63
*34	*12	*12	*10	*17	*17	*17	

V41 R34C Whole Week Total-9 (R34B collapsed) MD=9

- 1. One-two drinks
- 2. Three-four drinks
- 3. Five-six drinks
- 4. Seven-eight drinks
- 5. Nine-ten drinks
- 6. Eleven - twenty-five drinks
- 7. Twenty-six - fifty drinks
- 8. Fifty-one or more drinks
- 0. Inap., R is a non-drinker; or R did not drink that week
- 9. DK, NA

V42 R35 Total Drinks Beer (QB2a. Number of beers consumed during previous week.) MD MD=98,99

ACTUAL NUMBER CODED

- 00. Inap., R is a non-drinker; or R drank no beer that week
- 99. NA

	TS	10	11	12	M	F	DL
	7	5	7	9	7	7	9
	5	6	4	6	8	3	6
	1	0	2	3	2	1	2
	2	3	2	*1	3	1	*2
	*2	*1	0	*1	0	*2	*1
	2	2	2	3	3	1	2
	*4	*1	*1	1	1	*1	1
	*1	0	0	*1	*1	0	*1
	81	83	84	74	75	86	79
*25	*9	*8	*8	*14	*11	*12	

V43 R35a Total Drinks Beer-9 (R35 collapsed) MD=9

- 1. One-two drinks
- 2. Three-four drinks
- 3. Five-six drinks
- 4. Seven-eight drinks
- 5. Nine-ten drinks
- 6. Eleven - twenty-five drinks
- 7. Twenty-six - fifty drinks
- 8. Fifty-one or more drinks
- 0. Inap., R is a non-drinker; or R drank no beer that week
- 9. NA

V44 R36 Total Drinks Wine (Sum of the wine consumed during one week.) MD=98,99

ACTUAL NUMBER CODED

- 00. Inap., R is a non-drinker; R drank no wine that week
- 99. NA

	TS	10	11	12	M	F	DL
	8	9	7	7	9	7	8
	3	2	3	4	2	4	5
	1	*1	2	*1	*2	1	1
	*5	*2	0	2	*2	1	1
	1	0	*1	0	*1	0	*1
	*4	*2	2	0	1	*1	*1
	*2	*2	0	0	*1	*1	0
	86	85	86	85	85	86	85
*26	*8	*10	*8	*15	*11	*13	

V45 R36A Total Drinks Wine-9 (R36 collapsed) MD=9

- 1. One-two drinks
- 2. Three-four drinks
- 3. Five-six drinks
- 4. Seven-eight drinks
- 5. Nine-ten drinks
- 6. Eleven - twenty-five drinks
- 7. Twenty-six - fifty drinks
- 0. Inap., R is a non-drinker, or R drank no wine that week
- 9. NA

V46 R37 Total Drinks Liquor (QB2a. Sum of liquor consumed in one week.) MD=98,99

ACTUAL NUMBER CODED

00. Inap., R is a non-drinker; or R drank no liquor that week
99. NA

V47 R37a Total Drinks Liquor-9 (R37 collapsed) MD=9

TS	10	11	12	M	F	DL
7	9	5	7	7	7	7
2	*1	3	4	3	2	3
1	*1	2	2	1	1	2
*3	*2	3	4	*2	*1	*1
*2	0	0	1	*2	0	*2
1	*2	2	*1	2	*2	1
*1	*1	0	0	0	*2	0
87	88	89	84	86	88	85
*25	*6	*11	*8	*14	*11	*14

1. One-two drinks
2. Three-four drinks
3. Five-six drinks
4. Seven-eight drinks
5. Nine-ten drinks
6. Eleven - twenty-five drinks
7. Twenty-six - fifty drinks
0. Inap., R is a non-drink; or R drank no liquor that week
9. NA

V48 R38 Number of Mornings (QB2b. Number of times morning is indicated as time of drinking.) MD=9

TS	10	11	12	M	F	DL
*4	1	0	*1	0	1	*1
*2	*3	0	0	*2	0	0
*1	*2	0	0	0	0	0
*1	*1	0	*1	*1	*1	*1
99	97	100	99	99	98	99
*12	*4	*6	*2	*9	*3	

1. One time
2. Two times
5. Five times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink in the morning
9. NA

V49 R39 Number of Afternoons (QB2b. Number of times afternoon is indicated as time of drinking.) MD=9

TS	10	11	12	M	F	DL
7	6	8	5	8	6	7
1	1	*1	2	1	1	2
*1	*1	0	0	*1	0	0
*1	0	*1	0	*1	0	*1
*2	*1	0	*1	*2	0	*1
91	92	91	91	89	93	90
*12	*4	*6	*2	*9	*3	*5

1. One time
2. Two times
4. Four times
5. Five times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink in the afternoon
9. NA

V50 R40 Number of Dinnertime (QB2b. Number of times dinnertime is indicated as time of drinking.) MD=9

TS	10	11	12	M	F	DL
8	11	6	7	8	9	7
2	1	2	2	1	2	2
3	*1	*1	*1	*1	*2	*2
*1	0	*1	0	0	*1	*1
*1	0	0	*1	*1	0	*1
89	87	91	89	90	89	90
*12	*4	*6	*2	*9	*3	

1. One time
2. Two times
3. Three times
5. Five times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink at dinner-time
9. NA

V51 R41 Number of Evenings (QB2b. Number of times evening is indicated as time of drinking.) MD=9

TS	10	11	12	M	F	DL
15	15	13	15	15	14	15
5	4	5	9	5	6	7
2	2	2	2	2	2	2
*4	0	*1	2	1	*1	1
*2	0	*1	*1	*1	*1	*1
*2	0	*1	*1	*2	0	*1
77	79	79	71	76	78	74
*12	*4	*6	*2	*9	*3	*5

1. One time
2. Two times
3. Three times
4. Four times
5. Five times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink during the evening
9. NA

V52 R42 Number of Nights (QB2b. Number of times night is indicated as time of drinking.) MD=9

TS	10	11	12	M	F	DL
7	6	6	9	7	6	8
2	1	1	2	2	1	2
*5	*2	0	2	1	*1	1
*3	0	0	2	1	0	1
*1	0	0	*1	*1	0	*1
90	92	93	84	87	92	88
*12	*4	*6	*2	*9	*3	*5

1. One time
2. Two times
3. Three times
5. Five times
7. Seven times
0. Inap., R is a non-drinker; R did not drink at night
9. NA

V53 R43 Frequency-Bars (QB2c. Number of times bar is indicated as place of drinking.) MD=9

TS	10	11	12	M	F	DL
4	2	4	5	4	3	4
*4	*1	0	1	1	*1	1
*2	0	1	0	*1	*1	*1
*1	0	0	*1	0	*1	*1
95	97	95	93	94	96	94
*14	*5	*5	*4	*10	*4	*7

1. One time
2. Two times
3. Three times
5. Five times
0. Inap., R is a non-drinker; or R did not drink in a bar
9. NA

V54 R44 Frequency-Own home (QB2c. Number of times own home is indicated as place of drinking.) MD=9

TS	10	11	12	M	F	DL
9	11	4	11	8	9	9
2	3	2	1	2	3	1
1	2	2	2	2	2	2
*3	0	*1	1	1	0	*2
*1	0	*1	0	0	*1	*1
*1	0	*1	0	*1	0	*1
86	84	90	85	87	86	87
*14	*5	*5	*4	*10	*4	*7

1. One time
2. Two times
3. Three times
4. Four times
5. Five times
6. Six times
0. Inap., R is a non-drinker; or R did not drink in own home
9. NA

V55 R45 Frequency-Other Homes (QB2c. Number of times friend's or relative's home is indicated as the place of drinking.) MD=9

TS	10	11	12	M	F	DL
11	11	13	9	10	12	12
4	1	5	8	5	4	7
1	2	1	1	2	1	1
*5	1	*1	*1	1	*1	*1
*1	0	0	*1	*1	0	*1
*1	0	0	*1	*1	0	*1
82	84	80	80	81	83	79
*14	*5	*5	*4	*10	*4	*7

1. One time
2. Two times
3. Three times
4. Four times
6. Six times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink in the home of a friend or relative
9. NA

V56 R46 Frequency-Sports Events (QB2c. Number of times recreation or sporting event is indicated as place of drinking.) MD=9

TS	10	11	12	M	F	DL
3	3	3	4	5	2	3
*3	*1	*1	*1	1	0	*2
*1	0	*1	0	*1	0	*1
*1	0	0	*1	*1	0	*1
96	97	96	95	93	98	96

1. One time
2. Two times
3. Three times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink at a recreational or sporting event

*14 *5 *5 *4 *10 *4 *7

9. NA

V57 R47 Frequency-in Vehicle (QB2c. Number of times in a vehicle is indicated as place of drinking.) MD=9

TS	10	11	12	M	F	DL
4	2	2	8	3	4	5
*3	*2	0	*1	*1	*2	*1
*1	*1	0	0	0	*1	0
*1	0	0	*1	*1	0	*1
*1	0	0	*1	*1	0	*1
95	97	98	90	95	95	94

1. One time
2. Two times
3. Three times
5. Five times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink while in a vehicle

*14 *5 *5 *4 *10 *4 *7

9. NA

V58 R48 Frequency-Outdoors (QB2c. Number of times outdoors is indicated as the place of drinking.) MD=9

TS	10	11	12	M	F	DL
3	2	3	4	3	3	3
*4	*2	1	0	1	*1	*2
*2	*2	0	0	*1	*1	0
*1	*1	0	0	0	*1	0
*1	0	0	*1	*1	0	*1
96	95	96	96	95	97	95

1. One time
2. Two times
3. Three times
5. Five times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink outdoors

*14 *5 *5 *4 *10 *4 *7

9. NA

V59 R49 Frequency-Own Age (QB2d. Number of times friends or relatives about your own age is indicated as drinking companions.) MD=9

TS	10	11	12	M	F	DL
13	9	14	15	12	13	15
5	1	4	11	7	3	7
3	4	2	2	4	2	2
*3	0	1	*1	*1	*2	*2
*4	*1	*1	1	1	*1	1
*2	*1	0	*1	0	*2	*1
*2	0	0	1	*2	0	*2
78	85	79	68	74	81	73

1. One time
2. Two times
3. Three times
4. Four times
5. Five times
6. Six times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink with friends or relatives his own age

*13 *4 *6 *3 *9 *4 *6

9. NA

V60 R50 Frequency-Older (QB2c. Number of times older friends or brothers or sisters is indicated as drinking companions.) MD=9

TS	10	11	12	M	F	DL
5	4	7	5	5	5	7
1	2	*1	1	*2	2	1
1	2	*1	1	1	2	1
*1	0	0	*1	*1	0	*1
*1	0	*1	0	*1	0	0
92	92	91	92	92	92	91

1. One time
2. Two times
3. Three times
6. Six times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink with older friends or brothers or sisters

*13 *4 *6 *3 *9 *4 *6

9. NA

V61 R51 Frequency-Parents (QB2c. Number of times parents, older relatives, or other adults is indicated as drinking companions.) MD=9

TS	10	11	12	M	F	DL
6	9	4	5	5	8	5
2	2	3	*1	1	2	2
*5	1	*1	*1	1	*1	*1
*1	0	0	*1	0	*1	*1
*1	0	*1	0	0	*1	*1
91	88	92	93	92	89	92

1. One time
2. Two times
3. Three times
4. Four times
5. Five times
0. Inap., R is a non-drinker; or R did not drink with parents, older relatives, or other adults

*13 *4 *6 *3 *9 *4 *6

9. NA

V62 R52 Frequency-Alone (QB2c. Number of times R drank alone.) MD=9

TS	10	11	12	M	F	DL
4	5	3	3	6	2	3
*4	*1	1	*1	*2	*2	*2
*1	*1	0	0	0	*1	0
*1	0	0	*1	*1	0	*1
*1	*1	0	0	*1	0	0
95	94	96	96	93	97	96

1. One time
2. Two times
3. Three times
4. Four times
7. Seven times
0. Inap., R is a non-drinker; or R did not drink alone

*13 *4 *6 *3 *9 *4 *6

9. NA

V63 R53 Drink Past Year (QB3. During the whole past year (365 days) about how many times would you say you had drunk alcoholic beverages?) MD=9

TS	10	11	12	M	F	DL
5	5	4	4	5	4	4
32	32	33	31	24	39	33
27	23	27	31	32	22	31
11	11	10	14	12	11	10
7	6	4	10	10	3	7
19	23	22	10	17	20	14

1. Didn't drink at all in the past year
2. Ten times or fewer
3. Eleven-Forty times
4. Forty-one - one hundred & twenty times
5. Over 120 times
0. Inap., R is a non-drinker

*8 *3 *4 *1 *7 0 *3

9. NA

V64 R54 Modal Type Alcohol (QB4. What type of alcoholic beverage did you most frequently drink?) MD=9

TS	10	11	12	M	F	DL
36	34	31	45	47	27	37
28	28	30	25	23	32	29
14	11	13	18	9	18	16
22	27	25	12	21	24	18

1. Beer
2. Wine
3. Liquor
0. Inap., R is a non-drinker; or R didn't drink in past year

*15 *5 *7 *3 *11 *4 *8

9. NA

V65 R55 Modal Quantity of Alcohol (QB5. About how much did you most frequently have when you were drinking?) MD=9

TS	10	11	12	M	F	DL
21	20	23	21	18	24	21
17	17	20	14	15	19	17
19	16	17	26	20	18	23
12	11	9	17	15	10	13
4	6	2	5	6	3	4
2	2	3	1	3	1	2
2	1	1	2	3	*1	1
22	27	25	12	21	23	18

1. One drink
2. Two drinks
3. Three - four drinks
4. Five-six drinks
5. Seven-eight drinks
6. Nine-eleven drinks
7. Twelve or more drinks
0. Inap., R is a non-drinker; or R did not drink in the past year

*11 *6 *2 *3 *10 *1 *4

9. NA

V66 R56 Drinker Type (QB6. How would you describe yourself as a drinker?) MD=9

TS	10	11	12	M	F	DL
40	39	41	41	36	44	41
19	17	21	19	19	19	21
16	14	11	23	20	12	16
2	1	2	4	4	*3	3
*3	*2	0	*1	*2	*1	*1
22	27	25	12	21	23	17

- 3. Very light drinker
- 4. Fairly light drinker
- 5. Moderate drinker
- 6. Fairly heavy drinker
- 7. Very heavy drinker
- 0. Inap., R is a non-drinker; or R did not drink in the past year

*11 *5 *3 *3 *10 *1 *4

9. NA

Additional Comments:
Don't drink any more (2 entries).

V67 R56A Drinker Type-9 (Combination of R15 and R56) MD=9

TS	10	11	12	M	F	DL
4	6	3	3	4	4	2
15	17	19	7	14	15	12
3	4	3	2	3	3	3
40	39	41	41	36	44	41
19	17	21	19	19	19	21
16	14	11	22	20	12	16
2	1	2	4	4	*3	3
*3	*2	0	*1	*2	*1	*1

- 0. Complete Abstainer
- 1. Taster only
- 2. Drinker, but not in the past year
- 3. Very light drinker
- 4. Fairly light drinker
- 5. Moderate drinker
- 6. Fairly heavy drinker
- 7. Very heavy drinker

*11 *5 *3 *3 *10 *1 *4

9. NA drinker type

V68 R57 Times 3+ Drinks (QB7a. About how many times in the past year would you say you had drunk the following; 3 or more drinks at one occasion). MD=998,999

ACTUAL NUMBER CODED

- 998. DK
- 999. NA
- 000. None; or Inap., R is a non-drinker; or R did not drink in the past year

V69 R57a Times 3+ Drinks-9 (R57 collapsed) MD=9

TS	10	11	12	M	F	DL
20	19	21	21	18	22	21
8	10	7	8	8	8	7
7	6	9	6	8	6	8
2	2	3	1	3	2	2
5	4	7	3	6	4	6
9	8	5	17	12	7	11
4	2	4	7	4	4	5
4	4	*1	9	6	3	5
39	44	43	28	35	43	35

- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven-twenty-five times
- 7. Twenty-six to fifty times
- 8. Fifty-one or more times
- 0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*42 *14 *16 *12 *28 *14 *17

9. NA

V70 R58 Times 6+ Drinks (QB7b. About how many times in the past year would you say you had drunk 6 or more drinks on one occasion.) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. 100+ times (at least 100, 150, 200)
- 98. DK
- 99. NA
- 00. None; or Inap., R is a non-drinker; or R did not drink in the past year

V71 R58A Times 6+ Drinks-9 (R58 collapsed)

MD=9

TS	10	11	12	M	F	DL
13	10	16	14	13	14	17
6	5	5	8	6	6	7
5	4	3	6	7	3	5
2	3	*1	4	4	1	2
3	1	2	7	3	3	4
5	6	5	2	7	3	3
3	2	3	5	5	2	4
2	3	1	3	4	1	2
60	65	63	49	51	68	54

1. One-two times
2. Three-four times
3. Five-six times
4. Seven-eight times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six - fifty times
8. Fifty-one or more times
0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*53 *18 *16 *19 *28 *24 *24

9. NA

V72 R59 Times High (QB8a. About how many times in the past year did each of the following happen to you when you were drinking, and about how many drinks had you usually had when it happened? a. You became high or tight (number of times).)

MD=98,99

ACTUAL NUMBER CODED

96. 96-100 times
97. 100+ times (100,90-120,120,150,200,500, half of the time, many, a lot, everytime (2 entries))
99. NA
00. None; or Inap., R is a non-drinker; or R did not drink in the past year

V73 R59A Times High-9 (R59 collapsed)

MD=9

TS	10	11	12	M	F	DL
15	15	15	14	13	16	15
8	8	8	7	6	10	8
3	1	5	3	4	3	5
2	2	3	1	3	1	2
5	7	2	5	5	5	4
7	5	6	11	10	5	8
5	5	3	7	6	4	4
5	3	2	10	7	3	6
51	53	56	42	47	54	47

1. One-two times
2. Three-four times
3. Five-six times
4. Seven-eight times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six - fifty times
8. Fifty-one or more times
0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*56 *21 *21 *14 *31 *24 *20

9. NA

V74 R60 Number of Drinks-High (B8a. You became high or tight (number of drinks).)

MD=98,99

ACTUAL NUMBER CODED

98. DK
99. NA (bottle)
00. None; or Inap., R is a non-drinker; or F did not drink in the past year

V75 R60A Drinks High-9 (R60 collapsed)

MD=9

TS	10	11	12	M	F	DL
9	7	8	12	7	10	9
20	16	21	23	18	22	24
13	14	11	13	17	9	12
5	6	4	6	7	3	6
2	2	2	2	2	2	1
2	3	*1	2	3	*2	1
*2	1	0	0	*1	*1	0
50	52	54	41	45	53	47

1. One-two drinks
2. Three-four drinks
3. Five-six drinks
4. Seven-eight drinks
5. Nine-ten drinks
6. Eleven - twenty-five drinks
7. Twenty-six - fifty drinks
0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*59 *27 *18 *14 *33 *25 *24

9. NA, DK

V76 R61 Times Sick (QB8b. You became sick to your stomach (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 00. None; or Inap., R is a non-drinker; or R did not drink in the past year
- 98. DK
- 99. NA

TS	10	11	12	M	F	DL
25	26	26	25	27	24	26
7	7	5	8	6	7	6
2	1	2	2	2	2	3
1	*1	2	2	3	*2	2
*5	1	*1	1	1	*2	1
*1	0	0	*1	*1	0	*1
63	65	65	60	61	65	62

V77 R61A Times Sick-9 (R61 collapsed) MD=9

- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*52 *23 *20 *9 *31 *20 *17

- 9. NA, DK

V78 R62 Number of Drinks Sick (QB8b. You became sick to your stomach (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R is a non-drinker; or R did not drink in the past year

TS	10	11	12	M	F	DL
6	8	5	4	4	7	4
5	5	5	6	4	6	5
10	9	8	15	9	12	13
6	5	6	6	7	5	6
4	4	5	3	5	3	4
7	8	6	6	11	3	7
*1	0	0	*1	*1	0	*1
62	61	65	59	59	63	62

V79 R62A Drinks Sick-9 (R62 collapsed) MD=9

- 1. One-two drinks
- 2. Three-four drinks
- 3. Five-six drinks
- 4. Seven-eight drinks
- 5. Nine-ten drinks
- 6. Eleven - twenty-five drinks
- 7. Twenty-six - fifty drinks
- 0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*62 *29 *22 *11 *37 *24 *22

- 9. NA

V80 R63 Times Passed Out (QB8c. You passed out (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 00. None; or Inap., R is a non-drinker; or R did not drink in the past year
- 98. DK
- 99. NA

TS	10	11	12	M	F	DL
9	8	9	13	12	8	10
1	1	*1	3	2	1	2
*4	1	0	*1	*2	*2	*1
*2	*1	*1	0	*1	*1	*1
*2	0	1	0	*0	*2	*2
*3	1	0	0	*2	*1	0
87	88	89	84	85	89	87

V81 R63A Times Passed Out-9 (R63 collapsed) MD=9

- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*62 *26 *23 *13 *38 *23 *22

- 9. NA

V82 R64 Number of Drinks Passed Out (QB8c. You passed out (number of drinks).) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R is a non-drinker; or R did not drink in the past year

V83 R64A Drinks Passed Out-9 (R64 collapsed) MD=9

TS	10	11	12	M	F	DL
2	3	1	1	3	1	15
*4	*1	1	*1	*2	*2	4
2	2	2	3	1	3	1
1	1	2	3	2	2	1
3	3	3	3	3	3	*1
4	4	3	5	7	2	1
*2	0	0	1	*2	0	1
0	0	0	0	0	0	2
86	87	88	83	83	88	74

- 1. One-two drinks
- 2. Three-four drinks
- 3. Five-six drinks
- 4. Seven-eight drinks
- 5. Nine-ten drinks
- 6. Eleven - twenty-five drinks
- 7. Twenty-six - fifty drinks
- 8. Fifty-one or more drinks
- 0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*78 *34 *26 *18 *48 *29 *31

9. NA

V84 R65 Times Blackout (B8d. You were later unable to remember part of the time you were drinking (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R is a non-drinker; or R did not drink in the past year

V85 R65a Times Blackout-9 (R65 collapsed) MD=9

TS	10	11	12	M	F	DL
13	15	10	15	15	12	14
4	4	3	4	4	3	4
2	1	2	1	3	*2	2
*2	1	0	0	0	*2	0
*5	*1	1	1	*1	1	1
1	1	*1	2	*2	2	1
*5	1	*1	1	*1	1	*2
*4	2	0	0	1	*1	0
77	74	82	75	75	79	77

- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more drinks
- 0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*55 *22 *20 *13 *35 *19 *21

9. NA

V86 R66 Number of Drinks-Blackout (QB8c. You were later unable to remember part of the time you were drinking (number of drinks).) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R is a non-drinker; or R did not drink in the past year

TS	10	11	12	M	F	DL
2	2	0	3	2	1	1
3	5	2	3	2	5	4
6	7	5	5	4	7	5
3	3	2	6	4	3	4
3	3	3	3	4	2	3
4	5	3	5	7	2	4
78	76	85	75	76	80	78

*74 *32 *24 *18 *46 *27 *31

V87 R66a Drinks Blackout-9 (R66 collapsed) MD=9

1. One-two drinks
2. Three-four drinks
3. Five-six drinks
4. Seven-eight drinks
5. Nine-ten drinks
6. Eleven - twenty-five drinks
0. None; or Inap., R is a non-drinker; or R did not drink in the past year
9. NA

V88 R67 Times Fights (QB9a. About how many times in the past year did you get into a fight when or after drinking?) MD=98,99

00. None; or Inap., R is a non-drinker; or R did not drink the past year
98. DK
99. NA

TS	10	11	12	M	F	DL
9	10	9	7	13	6	7
2	1	*1	3	3	*2	1
*2	0	1	0	*2	0	0
*2	0	0	1	*1	*1	*2
*2	1	0	0	*1	*1	0
88	87	89	89	83	93	90

*30 *17 *8 *5 *17 *12 *8

V89 R67A Times Fights-9 (R67 collapsed) MD=9

1. One-two times
2. Three-four times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six - fifty times
0. None; or Inap., R is a non-drinker; or R did not drink in the past year
9. NA

V90 R68 Alcohol Trouble with the Police (QB9b. About how many times in the past year did you get in trouble with the police for being drunk, for being in illegal possession of alcohol, or for illegally purchasing alcohol?) MD=98,99

00. None; or Inap., R is a non-drinker; or R did not drink in the past year
98. DK
99. NA

TS	10	11	12	M	F	DL
3	3	4	3	7	*1	3
*1	*1	0	0	0	*1	0
*1	*1	0	0	0	*1	0
96	96	96	97	93	99	97

*40 *22 *9 *9 *22 *17 *12

V91 R68A Alcohol Police Trouble-8 (R68 collapsed) MD=9

1. One-two times
2. Three-four times
4. Seven-eight times
0. None; or Inap., R is a non-drinker; or R did not drink in the past year
9. NA

V92 R69 Trouble with Police-Other (QB9c. About how many times in the past year did you get in trouble with the police because you were doing something else illegal when or after drinking?) MD=98,99

00. None; or Inap., R is a non-drinker; or R did not drink in the past year
98. DK
99. NA

TS	10	11	12	M	F	DL
2	2	2	4	4	*1	2
*1	*1	0	0	*1	0	0
*1	0	0	1	*1	0	*1
97	97	98	96	95	99	97

*37 *20 *9 *8 *20 *16 *11

V93 R69A Other Police Trouble-8 (R69 collapsed) MD=9

1. One-two times
2. Three-four times
5. Nine-ten times
0. None; or Inap., R is a non-drinker; or R did not drink in the past year

9. NA

V94 R70 Times Not Caught (QB9d. About how many times in the past year did you do something illegal when or after drinking without being caught?) MD=98,99

ACTUAL NUMBER CODED

97. More than 100 times (100,120 (2 entries),150,200, hundreds, too many, 95% of the time)

99. NA

00. None; or Inap., R is a non-drinker; or R did not drink alcohol in the past year

TS	10	11	12	M	F	DL
6	6	8	4	11	3	6
4	3	2	6	6	2	4
3	3	3	2	4	2	3
*4	1	*1	0	*1	1	*1
1	*1	2	3	2	1	2
2	4	0	3	2	2	2
2	2	2	1	2	2	1
1	1	*1	3	2	1	1
80	79	83	77	72	86	81

*42 *22 *11 *9 *24 *17 *12

V95 R70A Times Not Caught-9 (R70 collapsed) MD=9

1. One-two times
2. Three-four times
3. Five-six times
4. Seven-eight times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six - fifty times
8. Fifty-one or more times
0. None; or Inap., R is a non-drinker; or R did not drink alcohol in the past year

9. NA

V96 R71 Number of Family Arguments (QB9e. About how many times in the past year did you have an argument with a member or members of your family about your drinking?) MD=98,99

00. None; or Inap., R is a non-drinker; or R did not drink in the past year

98. DK

99. NA (R answered "all the time" (1 entry))

TS	10	11	12	M	F	DL
7	7	6	8	10	5	7
1	1	*1	2	2	*2	1
*5	1	*1	1	*1	1	*2
91	91	93	88	88	93	91

*38 *21 *9 *8 *22 *15 *11

V97 R71A Family Arguments-9 (R71 collapsed) MD=9

1. One-two times
2. Three-four times
3. Five-six times
0. None; or Inap., R is a non-drinker; or R did not drink in the past year

9. NA

V98 R72 Number of Accidents (QB9f. About how many times in the past year did you have an accident (car, home, etc.) when or after drinking?) MD=98,99

00. None; or Inap., R is a non-drinker; or R did not drink in the past year

98. DK

99. NA

V99 R72A Accidents-9 (R72 collapsed)

MD=9

TS	10	11	12	M	F	DL
3	5	1	3	4	2	1
*5	1	0	2	1	*2	*2
*1	*1	0	0	0	*1	0
96	94	99	95	95	97	98

1. One-two times
2. Three-four times
5. Nine-ten times
0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*38 *21 *9 *8 *21 *16 *11

9. NA

V100 R73 Drink Non-Beverage Alcohol (QB9g. About how many times in the past year did you drink non-beverage alcohol such as hair tonic, paint thinner, sterno, etc.?) MD=98,99

ACTUAL NUMBER CODED

00. None; or Inap., R is a non-drinker; or R did not drink in the past year
99. NA

V101 R73A Non-Beverage Alcohol-9 (R73 collapsed)

MD=9

TS	10	11	12	M	F	DL
100	100	100	100	100	100	100

0. None; or Inap., R is a non-drinker; or R did not drink in the past year

*40 *22 *10 *8 *22 *17 *12

9. NA

V102 R74 Drink Before Breakfast (QB10a. In the past year how often did you drink alcohol before or instead of breakfast?) MD=9

TS	10	11	12	M	F	DL
*4	1	*1	0	*2	*2	*1
2	2	1	1	3	*2	1
10	11	9	9	11	9	7
64	57	62	76	63	65	73
23	28	26	13	22	24	19

1. Frequently
2. Occasionally
3. Once or twice
4. Never
0. Inap., R is a non-drinker; or R did not drink in the past year

*23 *11 *5 *7 *16 *7 *8

9. NA

V103 R75 Schoolwork Problems (QB10b. In the past year how often did you have trouble with schoolwork or miss school as a result of drinking?) MD=9

TS	10	11	12	M	F	DL
*3	*1	*1	*1	*1	*2	*1
3	*1	3	4	3	2	3
9	10	6	10	7	10	7
65	61	64	72	67	63	71
23	28	26	13	22	24	19

1. Frequently
2. Occasionally
3. Once or twice
4. Never
0. Inap., R is a non-drinker; or R did not drink in the past year

*24 *10 *6 *8 *17 *7 *9

9. NA

V104 R76 Buy with Other Money (QB10c. In the past year how often did you buy alcoholic beverages with money needed for other things?) MD=9

TS	10	11	12	M	F	DL
2	1	3	3	3	1	3
8	11	6	6	7	9	5
12	13	8	15	15	9	11
55	47	57	63	52	57	61
23	28	26	13	22	24	19

1. Frequently
2. Occasionally
3. Once or twice
4. Never
0. Inap., R is a non-drinker; or R did not drink in the past year

*22 *11 *5 *6 *16 *6 *7

9. NA

V105 R77 Use False Identification (QB10d. In the past year how often did you use false identification to buy alcoholic beverages?) MD=9

TS	10	11	12	M	F	DL
2	*2	*1	4	2	1	2
3	*2	2	7	5	2	5
4	3	3	6	5	3	5
68	67	67	69	65	70	70
23	28	26	13	22	24	19
*25	*12	*6	*7	*16	*9	*8

1. Frequently
2. Occasionally
3. Once or twice
4. Never
0. Inap., R is a non-drinker; or R did not drink in the past year
9. NA

V106 R78 Worry About Drinking (QB10e. In the past year how often did you worry about your drinking?) MD=9

TS	10	11	12	M	F	DL
1	1	*1	2	2	1	1
5	6	3	6	5	5	4
10	7	9	13	11	9	12
61	57	61	66	61	60	64
23	28	26	13	22	24	19
*22	*10	*6	*6	*16	*6	*7

1. Frequently
2. Occasionally
3. Once or twice
4. Never
0. Inap., R is a non-drinker; or R did not drink in the past year
9. NA

V107 R79 Drinking Companions (QB11. Who do you most frequently drink with?) MD=9

TS	10	11	12	M	F	DL
14	12	14	17	24	6	16
3	1	3	4	*2	4	3
36	34	33	40	34	37	38
21	21	22	22	17	26	23
3	2	4	2	2	3	1
2	2	*1	2	*2	2	1
22	27	24	12	20	23	17
*14	*7	*4	*3	*10	*4	*4

1. Other teenagers of your sex
2. Other teenagers of the opposite sex
3. Other teenagers in groups of both sexes
4. Family or other adults (2 additional responses not coded)
5. No one else
6. Other
 - Boyfriend (3 entries)
 - Sister (2 entries)
 - Brother
 - Friends
 - Other couples (2 entries)
0. Inap., R is a non-drinker; or R did not drink in the past year
9. NA

V108 R80 Parental Attitude (QB12. How do you think your parents feel about your drinking?) MD=9

TS	10	11	12	M	F	DL
22	22	25	19	21	23	23
2	2	3	2	4	1	2
10	10	9	12	10	10	8
33	26	30	46	35	31	39
2	2	1	2	1	2	1
3	5	3	2	2	4	2
5	5	6	4	4	6	7
*4	*2	*1	*1	1	0	*1
22	28	25	12	21	23	17
*18	*9	*6	*3	*11	*7	*4

1. They don't know about my drinking but would disapprove if they did know
2. They don't know about my drinking but wouldn't care if they did know
3. They disapprove any drinking on my part
4. They don't care as long as I drink in moderation
5. They don't care how much I drink
6. Other
 - They don't know but better than dope they say.
 - They are aware but that's it.
 - Just so I don't drink and drive (3 entries).
 - Only on special occasions (e.g., Xmas, Thanksgiving) (4 entries).
 - Dad doesn't care, Mom does.
 - They only want me to on some occasions.
 - They don't care as long as I have permission.
 - My father gives me just a little.
 - They let me use my own judgment.
 - They do care, but do let me drink.
 - They know, not too happy.
 - They don't care as long as I'm not at home.
7. They don't care as long as I drink with them or at home.
8. DK
0. Inap., R is a non-drinker; or R did not drink in the past year
9. NA

V109 R81 Father's Drinking (QB13. How would you describe your parent's drinking (a.Father or Stepfather?)) MD=0,9

TS	10	11	12	M	F	DL
19	18	21	18	18	20	17
26	27	28	23	30	22	27
19	19	15	23	17	20	18
24	23	23	27	22	26	27
8	7	10	7	7	9	9
4	6	2	3	4	3	2
*1	0	*1	0	*1	0	*1
*10	*3	*6	*1	*4	*6	*6
*23	*11	*9	*3	*10	*12	*6

1. Does not drink
2. Very light drinker
3. Fairly light drinker
4. Moderate drinker
5. Fairly heavy drinker
6. Very heavy drinker
8. DK
0. Inap., R's father is not living with R
9. NA

Additional Comment:
My father is in AA.

V110 R82 Mother's Drinking (QB13. How would you describe your parent's drinking (b.Mother or stepmother?)) MD=0,9

TS	10	11	12	M	F	DL
33	35	33	32	33	34	29
34	31	35	36	38	30	37
18	20	19	15	17	20	18
12	9	12	15	10	13	13
2	3	1	*1	1	2	1
*4	*2	0	1	*1	1	*2
*2	0	*2	0	*8	*6	*1
*14	*6	*1	*7	*2	0	*5

1. Does not drink
2. Very light drinker
3. Fairly light drinker
4. Moderate drinker
5. Fairly heavy drinker
6. Very heavy drinker
0. Inap., R's mother is not living with R
9. NA

V111 R83 % of Friends Who Drink (QB14. How many of your teenage friends drink alcoholic beverages at least occasionally (not counting for religious purposes?)) MD=9

TS	10	11	12	M	F	DL
4	7	3	2	3	5	3
22	25	23	17	20	24	20
9	10	9	5	9	8	8
19	17	22	17	23	15	21
12	12	13	13	13	12	12
34	30	29	45	31	36	37
*1	0	0	*1	*1	0	0

1. None
2. A few
3. About one out of four
4. About half
5. About three out of four
6. Nearly all
9. NA

V112 R84 Reasons Teens Drink (QB15. What do you think are some important reasons that teenagers drink alcoholic beverages?) Responses=3 MD=99

TS	10	11	12	M	F	DL
33	30	34	35	26	37	34
18	15	21	18	15	20	20
40	39	32	51	42	39	41
10	6	14	10	10	10	13
19	23	20	13	15	23	17
4	3	4	4	2	4	4
6	8	5	6	4	8	5
5	5	6	3	3	6	4
9	8	8	10	7	10	10
*5	2	*1	*1	*1	1	*2
15	18	14	12	18	5	14
3	3	3	3	5	5	2

01. Social prestige, acceptance by peers, etc. (1 additional response not coded)
02. Psychological escape from reality, personal or family problems, etc.
03. Feel good, relaxed, happy, have fun, etc.
04. Lack of anything else to do; boredom
05. Gain sense of maturity, imitate parents or other adults who drink
06. Rebellion against parental or legal authority (1 additional response not coded)
07. Curiosity (1 additional response not coded)
08. To get attention
09. Like the taste (1 additional response not coded)
10. Drinking is accepted within the family group
11. To get drunk
12. To get along or relate easier with people-get parties going

V112 R84 (cont'd)

TS	10	11	12	M	F	DL
3	3	3	3	5	5	3

88. Other

- To stay away from drugs.
- To get back at parents.
- To get a little high without dope.
- Moods.
- To give them an altered state of consciousness.
- Because their mother or father could care less.
- Forget problems.
- When happy to celebrate.
- Because their parents drink (2 entries).
- Because they feel like it.
- There's beer around the house.
- It's a challenge (2 entries).
- To see how much they can drink.

4 3 4 5 4 8 3

98. DK

00. No second or third response

*51 *23 *7 *11 *28 *22 *19

99. NA

V113 R85 Popular Drink More (QB16. Do you think that the most popular students in your high school drink more, about the same, or less than other students?) MD-9

TS	10	11	12	M	F	DL
21	18	19	25	16	25	22
65	64	68	62	67	62	64
15	18	13	12	17	13	14
*2	0	0	1	*1	*1	*2

- 1. More than other students
- 3. About the same
- 5. Less than the other students
- 8. DK

*13 *6 *2 *5 *7 *6 *6

9. NA

V114 R86 Amphetamines Alone (QB17. About how many times in the past year have you used each of the following drugs alone, & how many times have you used each drug when you were also drinking alcohol (amphetamines, uppers, speed, beanie, pep pills, diet pills) alone?) MD-98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 times(130,200)
- 98. DK
- 99. NA

V115 R86A Amphetamines-9 (R86 collapsed) MD-9

TS	10	11	12	M	F	DL
87	88	88	85	91	85	89
4	4	5	5	4	5	4
3	2	2	4	3	2	2
*3	0	0	2	*1	*2	1
1	*1	0	1	0	2	*2
1	2	1	*1	*2	2	*2
1	2	0	*1	*1	1	*1
*4	*1	1	*1	*1	1	1
1	1	1	*1	*1	1	*1
*68	*28	*25	*15	*36	*31	*26

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA

V116 R87 Amphetamines with Alcohol (QB17a. Amphetamines with alcohol (number of times)?) MD-98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA

V117 R87A Amphetamines with Alcohol-9 (R87 collapsed) MD=9

TS	10	11	12	M	F	DL
96	94	98	95	97	95	98
2	3	1	2	2	2	1
*4	*1	1	*2	*1	1	0
*1	0	0	*2	*1	0	*1
*3	1	0	*2	0	1	*1
*1	*1	0	0	0	*1	0
*2	*1	0	*2	*1	*1	*1
*68	*27	*26	*15	*36	*31	*27

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times

9. NA

V118 R88 Barbituates Alone (QB17b. Barbituates (downers, reds, yellow jackets) alone (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. 100 or more times (100,150,.195)
- 98. DK
- 99. NA

V119 R88A Barbituates Alone-9 (R88 collapsed) MD=9

TS	10	11	12	M	F	DL
92	94	93	91	94	92	94
3	1	3	5	2	4	3
*4	*1	2	0	*2	*1	*1
*3	2	0	0	0	1	0
*1	0	0	*1	0	*1	*1
*3	*1	*1	*1	*2	*1	*2
*4	*1	*1	1	*2	*2	*2
*3	*1	*1	*1	*2	*1	*1
1	1	*1	1	*2	1	*2
*73	*30	*25	*18	*38	*35	*31

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times

9. NA

V120 R89 Barbituates with Alcohol (QB17b. Barbituates with alcohol (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 97. More than 100 times (200 (2 entries))
- 98. DK
- 99. NA

V121 R89A Barbituates with Alcohol-9 (R89 collapsed) MD=9

TS	10	11	12	M	F	DL
96	96	98	95	95	97	96
2	2	2	2	3	1	2
*3	0	*1	1	*2	*1	*2
*2	*1	0	*1	*1	*1	*1
*1	0	0	*1	0	*1	*1
*2	*1	0	*1	*2	0	*1
*2	1	0	0	1	*1	0
*74	*30	*27	*17	*36	*37	*30

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times

9. NA

V122 R90 Hallucinogens Alone (QB17c. Hallucinogens (LSD, Mescaline, peyote) alone (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 97. More than 100 times (280,2000)
- 98. DK
- 99. NA

TS	10	11	12	M	F	DL			
<u>86</u>	<u>85</u>	<u>87</u>	<u>86</u>	<u>88</u>	<u>85</u>	<u>88</u>	V123	<u>R90A Hallucinogens Alone-9 (R90 collapsed)</u>	MD=9
5	5	4	7	5	5	6		0. None	
2	3	1	2	2	2	2		1. One-two times	
2	2	2	*1	2	2	2		2. Three-four times	
2	2	3	1	*2	3	1		3. Five-six times	
2	2	1	2	1	2	1		5. Nine-ten times	
*2	0	1	0	*1	*1	0		6. Eleven - twenty-five times	
*4	1	*1	*1	*2	*2	*1		7. Twenty-six - fifty times	
								8. Fifty-one or more times	
*69	*30	*24	*15	*37	*31	*27		9. NA	
							V124	<u>R91 Hallucinogens with Alcohol (QB17c. Hallucinogens with alcohol (number of times).)</u>	MD=98,99
								ACTUAL NUMBER CODED	
								98. DK	
								99. NA	
							V125	<u>R91A Hallucinogens with Alcohol-9 (R91 collapsed)</u>	MD=9
<u>94</u>	<u>94</u>	<u>95</u>	<u>93</u>	<u>93</u>	<u>95</u>	<u>95</u>		0. None	
3	4	1	5	4	3	3		1. One-two times	
*3	0	2	0	*2	*1	*1		2. Three-four times	
*1	0	*1	0	0	*1	*1		4. Seven-eight times	
*4	1	1	0	*2	*2	*1		5. Nine-ten times	
*2	*1	*1	0	*1	*1	0		6. Eleven - twenty-five times	
*4	1	1	1	*2	*2	*2		7. Twenty-six - fifty times	
*70	*27	*25	*18	*37	*32	*30		9. NA	
							V126	<u>R92 Marijuana Alone (QB17d. Marijuana (pot, grass) alone (number of times).)</u>	MD=98,99
								ACTUAL NUMBER CODED	
								96. 96-100 times	
								97. More than 100 times (110,150,200(8 entries),200-250,250,275,300(4 entries),350,450,600 hundreds of times (2 entries),1000 (2 entries),a lot (5 entries))	
								98. DK	
								99. NA	
							V127	<u>R92A Marijuana Alone-9 (R92 collapsed)</u>	MD=9
<u>61</u>	<u>63</u>	<u>64</u>	<u>54</u>	<u>57</u>	<u>64</u>	<u>61</u>		0. None	
7	5	7	8	6	7	7		1. One-two times	
4	5	3	5	5	4	3		2. Three-four times	
4	3	3	4	4	3	4		3. Five-six times	
2	1	*1	3	2	1	2		4. Seven-eight times	
2	1	2	3	3	1	2		5. Nine-ten times	
4	4	3	5	4	4	5		6. Eleven - twenty-five times	
6	7	6	5	6	6	5		7. Twenty-six - fifty times	
11	12	10	13	14	9	11		8. Fifty-one or more times	
*76	*34	*26	*16	*38	*37	*26		9. NA	
							V128	<u>R93 Marijuana with Alcohol (QB17d. Marijuana with alcohol (number of times).)</u>	MD=98,99
								ACTUAL NUMBER CODED	
								96. 96-100 times	
								97. More than 100 times (100-150,150,198,200 (3 entries),300 (2 entries),350,hundreds, a lot)	
								98. DK	
								99. NA	

TS	10	11	12	M	F	DL
73	78	72	67	70	75	71
6	3	9	7	5	7	8
5	5	4	6	6	4	5
2	3	3	*1	2	3	1
*2	*1	0	*1	*1	*1	*1
3	3	3	3	4	3	3
4	3	3	5	.3	5	4
2	3	2	2	4	*2	2
5	3	4	8	7	3	5
*72	*31	*25	*16	*36	*35	*27

V129 R93A Marijuana with Alcohol-9 (R93 collapsed) MD=9

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA

V130 R94 Hashish Alone (QB17e. Hashish (hash) alone (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 times (over 100 (2 entries), 100-150, 200, 300, a lot)
- 98. DK
- 99. NA

TS	10	11	12	M	F	DL
80	81	82	77	77	84	81
4	3	3	5	4	4	5
3	3	1	4	2	3	3
2	1	1	3	2	2	3
*2	*1	0	*1	*1	*1	*1
3	2	4	4	5	2	4
3	4	4	2	5	3	2
2	3	1	*1	3	*1	*2
3	3	2	3	3	2	2
*75	*31	*26	*18	*37	*37	*31

V131 R94A Hashish Alone-9 (R94 collapsed) MD=9

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA

V132 R95 Hashish with Alcohol (QB17d. Hashish with alcohol (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 times (a lot)
- 98. DK
- 99. NA

TS	10	11	12	M	F	DL
90	94	90	86	88	93	89
3	2	2	5	2	4	4
2	1	3	1	3	*1	1
1	0	2	1	1	*1	1
*1	0	0	*1	*1	0	*1
*3	*1	*1	*1	*2	*1	*1
1	1	*1	3	1	1	2
*4	*1	1	*1	1	*1	*2
1	1	1	1	2	*2	*1
*75	*30	*26	*19	*37	*37	*32

V133 R95A Hashish with Alcohol-9 (R95 collapsed) MD=9

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA

V134 R96 Heroin Alone (QB17f. Heroin (smack, horse, H) alone (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 99. NA

V135 R96A Heroin Alone-9 (R96 collapsed) MD=9

TS	10	11	12	M	F	DL
99	99	100	97	99	99	99
*3	0	0	2	*1	*2	*1
*2	*1	0	*1	*1	*1	0
*1	0	0	*1	*1	0	*2
*71	*30	*25	*16	*37	*33	*29

- 0. None
- 1. One-two times
- 4. Seven-eight times
- 5. Nine-ten times

V136 R97 Heroin with Alcohol (QB17f. Heroin with alcohol (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 99. NA

V137 R97A Heroin with Alcohol-9 (R97 collapsed) MD=9

TS	10	11	12	M	F	DL
99	99	100	98	99	100	99
*3	*1	0	1	*2	*1	*2
*1	0	0	*2	*1	0	*1
*71	*29	*25	*17	*37	*33	*30

- 0. None
- 1. One-two times
- 3. Five-six times

V138 R98 Opium Alone (QB17g. Opium alone (number of times).) MD=9

TS	10	11	12	M	F	DL
94	95	93	93	92	95	94
2	2	3	1	3	1	2
1	0	1	2	2	*1	1
*4	*1	*1	1	*2	*2	*2
*1	0	0	*1	*1	0	*1
*1	0	*1	0	0	*1	*1
1	3	1	1	2	2	1
*71	*30	*24	*17	*37	*33	*29

- 0. None
- 1. One time
- 2. Two times
- 3. Three times
- 5. Five times
- 6. Six times
- 8. Eight or more times (10 (5 entries),12,20,80)

V139 R99 Opium with Alcohol (QB17g. Opium with alcohol (number of times).) MD=9

TS	10	11	12	M	F	DL
99	99	98	98	97	99	99
1	*1	1	1	2	*1	*2
*1	0	*1	0	0	*1	0
*2	*1	0	*1	*2	0	*1
*72	*30	*24	*18	*37	*34	*30

- 0. None
- 1. One time
- 2. Two times
- 8. Eight or more times

V140 R100 Tranquilizers Alone (QB17h. Tranquilizers alone (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 (363)
- 98. DK
- 99. NA

V141 R100A Tranquilizers Alone-9 (R100 collapsed) MD=9

TS	10	11	12	M	F	DL
93	91	95	95	97	90	95
2	3	2	2	1	3	1
1	1	1	0	0	2	*2
1	1	2	*1	*2	1	*2
*1	*1	0	0	0	*1	0
*4	1	0	1	*1	1	*2
*4	1	*1	0	0	1	*1
*1	0	0	*1	0	*1	*1
*2	*1	0	*1	0	*2	*1
*69	*26	*26	*17	*35	*33	*29

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times

V142 R101 Tranquilizers with Alcohol (QB17h. Tranquilizers with alcohol (number of times).) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA

TS	10	11	12	M	F	DL
97	97	99	97	99	96	98
1	1	1	1	0	2	*2
*2	*1	0	*1	*1	*1	*1
*1	0	0	*1	*1	0	*1
*3	1	0	*1	0	1	*1
*1	*1	0	0	0	*1	0
*69	*26	*25	*18	*34	*34	*30

V143 R101A Tranquilizers with Alcohol- (R101 collapsed) MD=9

- 0. None
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 9. NA

V144 R102 Cigarettes Past Years (QB18. How about tobacco? How much have you smoked cigarettes during the past year?) MD=9

TS	10	11	12	M	F	DL
55	56	55	55	59	52	56
22	25	21	19	22	22	21
7	7	6	7	3	10	7
7	8	7	8	7	8	6
7	2	9	9	8	5	9
1	2	*1	2	*2	2	1
*3	*2	0	*1	*3	0	0

- 1. Never
- 2. Less than 100 cigarettes
- 3. About a pack a week
- 4. 2-5 packs a week
- 5. About a pack a day
- 6. More than a pack a day
- 9. NA

Additional Comments:

Smoke only cigars & pipes.
About a pack a week (3), but only for the past 3 months.
I smoke about 2 cigars a week however.

Percentiles

	TS	10	11	12	M	F	DL
10.	5	5	5	5	5	10	5
30.	15	19	15	11	10	25	10
50.	30	40	25	25	20	37	22
70.	45	50	40	40	35	48	40
90.	66	75	65	60	63	71	60

V145 R103 Alcoholic Percent (QC1. Out of every 100 adults in Washtenaw County, how many would you guess are alcoholics or have a serious drinking problem; that is, how many persons have a problem with their health, their job or school performance, or their family or social life as a result of drinking?) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 percent
- 97. More than 100 percent (one R responded 175%)
- 98. DK
- 99. NA

Additional Comments:

There are more that people don't know about.

V146 R103A Alcoholic Percent-7 (R103 collapsed) MD=9

TS	10	11	12	M	F	DL
*1	*1	0	0	*1	0	0
4	4	5	4	6	3	5
8	6	11	6	13	3	8
15	14	12	20	18	13	18
15	9	19	17	19	11	19
13	7	16	16	12	13	13
27	36	21	25	16	37	23
17	23	14	12	15	20	14
*4	*1	1	0	*1	1	1
*14	*4	*4	*6	*5	*9	*4

- 0. None
- 1. One-three percent
- 2. Four-five percent
- 3. Six-ten percent
- 4. Eleven-twenty percent
- 5. Twenty-one - thirty percent
- 6. Thirty-one - fifty percent
- 7. Fifty-one - ninety seven percent
- 8. DK
- 9. NA

Percentiles

	TS	10	11	12	M	F	DL
10.	2	1	1	2	1	3	1
30.	5	8	5	5	3	10	5
50.	10	20	10	10	8	20	10
70.	25	30	20	20	18	30	20
90.	50	50	40	43	40	50	40

V147 R104 Teen Alcohol Percent (QC2. Out of every 100 high school students in Washtenaw County, how many would you guess have a serious drinking problem?) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 percent
- 98. DK
- 99. NA

	TS	10	11	12	M	F	DL
*4	1	*1	0	1	0	*1	
19	16	21	22	30	11	23	
14	9	18	17	14	14	16	
18	21	15	18	19	17	16	
15	11	18	18	12	19	16	
13	17	9	11	10	15	11	
13	17	12	9	10	16	10	
6	8	5	5	4	8	5	
*3	0	1	0	*1	*2	1	
*9	*3	*2	*4	*5	*4	*2	

V148 R104A Teen Alcoholic Percent-7

MD=9

- 0. None
- 1. One-three percent
- 2. Four-five percent
- 3. Six-ten percent
- 4. Eleven-twenty percent
- 5. Twenty-one - thirty percent
- 6. Thirty-one - fifty percent
- 7. Fifty-one - ninety-seven percent
- 8. DK
- 9. NA

	TS	10	11	12	M	F	DL
2	2	3	2	2	2	3	
15	13	12	20	13	16	14	
37	38	38	33	36	38	36	
36	36	35	37	37	34	37	
10	11	11	7	11	9	9	
*1	0	0	*1	*1	0	*1	
*5	*1	*1	*3	*3	*2	*2	

V149 R105 Alcoholism Success (QC3. How often do you think persons with a serious drinking problem are able to overcome it?) MD=9

- 1. Almost always
- 2. Most of the time
- 3. About half the time
- 4. Only occasionally
- 5. Almost never
- 8. DK
- 9. NA

	TS	10	11	12	M	F	DL
46	46	48	46	42	50	44	
54	55	52	54	58	50	56	
*14	*7	*4	*3	*5	*9	*4	

V150 R106 Ever Close Alcoholic (QC4. Have you ever had a close friend or relative who had a serious drinking problem?) MD=9

- 1. Yes
- 5. No
- 9. NA

	TS	10	11	12	M	F	DL
81	82	83	78	83	79	82	
13	12	11	14	12	13	13	
3	3	2	6	2	5	3	
*5	*1	2	0	*2	1	*1	
*2	*1	0	*1	0	*1	*1	
*3	*1	*1	*1	*2	*1	*1	
*5	*2	1	*1	1	*2	*2	
*23	*9	*8	*6	*10	*13	*7	

V151 R107 Overcome Completely (QC4a. How many of these persons have been able to overcome their problem completely?) MD=9

- 0. None; or Inap., R does not know anyone with a serious drinking problem
- 1. One
- 2. Two
- 3. Three
- 4. Four
- 5. Five
- 8. Eight or more (10 (3 entries),50)
- 9. NA

	TS	10	11	12	M	F	DL
74	73	75	75	78	71	76	
14	15	15	13	15	14	14	
4	4	4	5	3	5	4	
4	5	3	4	2	6	5	
*4	*2	*1	*1	*2	*2	*1	
*3	*1	*1	*1	0	1	*2	
*2	0	1	0	0	*2	0	
1	1	1	1	1	1	1	
*20	*9	*7	*4	*9	*11	*6	

V152 R108 Overcome Partially (QC4b. How many of these persons have been able to overcome their problem partially?) MD=9

- 0. None; or Inap., R does not know anyone with a serious drinking problem
- 1. One
- 2. Two
- 3. Three
- 4. Four
- 5. Five
- 6. Six
- 8. Eight or more (15 (2 entries),20 (2 entries),40)
- 9. NA

V153 R109 Overcome Not at All (QC4c. How many of these persons have been able to overcome their problem not at all?) MD=9

TS	10	11	12	M	F	DL
73	73	73	74	76	71	76
15	16	15	15	13	18	14
4	5	5	4	3	6	4
2	2	2	4	2	2	3
1	1	1	1	1	1	1
*5	*2	*1	1	1	*2	1
*2	0	1	0	*2	0	0
*3	*2	*1	0	*2	*1	*1
2	1	2	1	2	1	*2
*25	*11	*8	*6	*10	*15	*7

0. None; or Inap., R does not know anyone with a serious drinking problem
1. One
2. Two
3. Three
4. Four
5. Five
6. Six
7. Seven
8. Eight or more (10 (3 entries),12,15 (3 entries),20)
9. NA

Additional Comments:
Never have tried!

V154 R109A Knowledge of Success (combination of R107,R108,R109) MD=9

TS	10	11	12	M	F	DL
56	57	54	57	61	52	57
6	5	5	9	6	6	7
9	10	11	7	8	11	9
9	8	13	6	9	9	9
2	2	3	*1	2	2	2
7	7	5	8	7	7	6
3	3	3	3	3	4	2
7	7	6	9	6	8	7
*18	*7	*7	*4	*9	*9	*6

0. R does not know anyone with a serious drinking problem
1. Completely-only mention
2. Partially-only mention
3. Not at all-only mention
4. Completely & partially mentioned
5. Partially & not at all mentioned
6. Completely & not at all mentioned
7. Completely, partially and not at all mentioned
9. NA

V155 R110 How to Solve a Drinking Problem (QC5. Suppose you your-self needed help for a drinking problem where would you go for help?) Responses=2 MD=9

TS	10	11	12	M	F	DL
20	24	21	16	25	17	20
14	15	16	12	13	16	15
39	35	35	48	35	42	42
7	6	10	7	8	7	8
3	3	4	3	2	4	3
26	26	24	29	25	27	26
11	14	8	12	10	12	10
6	4	8	6	7	6	7

1. Family (4 additional responses not coded)
 2. Friends (4 additional responses not coded)
 3. Alcoholics Anonymous (6 additional responses not coded)
 4. Clergy (2 additional responses not coded)
 5. Teachers, school counselors (2 additional responses not coded)
 6. Physician, hospital (3 additional responses not coded)
 8. Other social service agency
- Responses coded as 8:
- a) Crisis Center or social worker.
 - b) Drug Help in Ann Arbor.
 - c) Ozone house.
0. Other (first response field only); or no second response (second response field only)
 - U of M or any kind of guidance.
 - To myself (4 entries)
 - To the police (2 entries).
 - To God (3 entries).
 - To someone who used to have a drinking problem or an ex-alcoholic who had overcome his problem (6 entries).
 - Into my own conscience.
 - I would contact the county and ask where.
 - To a person who deals with alcohol & the problems people have with it (2 entries).
 - Health Department.
 - Counselor-not specified.
 - Some kind of drug clinic.
 - Some type of group therapy.
 - I wouldn't.
 - Solve it myself-it takes willpower-if you haven't got it, you can't do it.
 - Alcohol Safety Control Program.
 - An older person.

*76 *33 *21 *22 *48 *27 *31

9. DK,NA

V156 R111 Know Antabuse (QC6. Do you happen to know the name of the pill which helps a person give up drinking by making him sick if he drinks?) MD=9

TS	10	11	12	M	F	DL
7	6	10	4	6	8	8
*4	0	1	1	1	*1	1
92	94	89	95	93	92	91
*6	*2	*1	*3	*4	*2	*2

1. Correct answer
2. Incorrect answer
8. DK
9. NA

V157 R112 Age of Majority (QC7. At what age do you think people should be legally permitted to buy alcoholic beverages?) MD=9

TS	10	11	12	M	F	DL
5	5	5	5	6	4	5
3	2	4	2	4	1	3
1	3	1	0	1	2	*2
14	17	13	12	17	11	11
7	6	9	5	7	7	7
56	47	57	65	51	59	62
2	1	2	4	2	3	4
3	6	*1	2	3	3	1
9	13	9	5	9	10	6
*8	*2	*3	*3	*4	*4	*4

0. No age; alcohol should be entirely prohibited
1. 14 or under
2. 15
3. 16
4. 17
5. 18
6. 19
7. 20
8. 21 or older
9. NA

Additional Comments:

People should be given alcohol permits, like driving permits starting at the age of 13. One would obtain one after tests on attitudes. One could get it suspended for violations.

Anyone who is mature enough to quit before he is drunk-any age-anyone 14 years or older is capable of getting alcohol.

V158 R113 Teens Should Drink (QC8. Apart from legal considerations, do you think it's all right for high school students to drink?) MD=9

TS	10	11	12	M	F	DL
39	40	36	40	46	33	39
50	48	50	54	43	57	52
11	12	14	6	12	10	9
*5	*1	*3	*1	*3	*2	*2

1. As much as they want as long as they don't cause harm to others
3. In moderate quantities only
5. Not at all
9. NA

Additional Comments:

It depends on the person; some would probably abuse it a lot. If they stay at home & don't go near a car or a person. Very debatable, a driver who thinks he won't cause any harm may end up killing a family in another car.

V159 R114 Adults Should Drink (QC9. Do you think it's all right for adults to drink?) MD=9

TS	10	11	12	M	F	DL
44	47	44	40	52	37	44
51	49	49	56	42	58	51
5	4	7	4	6	4	5
*4	*2	*1	*1	*2	*2	0

1. As much as they want as long as they don't cause harm to anyone
3. In moderate quantities only
5. Not at all
9. NA

V160 R115 Age Effect (QC10. As you may know, the effects of drinking the same amount of alcohol in the same amount of time are not the same for everyone, depending on certain conditions. In your opinion how much will each of the following conditions affect how a person feels or acts after drinking 4 drinks in one hour? a.How old he is?) MD=9

TS	10	11	12	M	F	DL
30	27	33	29	32	28	31
37	35	44	30	37	37	35
23	27	15	29	20	26	24
10	10	8	13	11	10	11
*26	*9	*8	*9	*13	*13	*11

1. A lot
2. Some
3. A little
4. Not at all
9. NA

V161 R116 Empty Stomach (QC10b. If he is drinking on an empty stomach?) MD=9

TS	10	11	12	M	F	DL
74	67	75	83	71	77	80
18	19	19	14	20	16	15
6	10	5	1	7	5	3
2	5	*1	1	2	3	1

1. A lot
2. Some
3. A little
4. Not at all

*26 *8 *8 *10 *14 *12 *12

9. NA

V162 R117 Weight Effect (QC10c. How much he weighs?) MD=9

TS	10	11	12	M	F	DL
43	32	56	44	50	38	50
30	32	27	32	28	33	30
15	21	11	13	13	17	12
11	15	6	11	10	12	8

1. A lot
2. Some
3. A little
4. Not at all

*28 *9 *9 *10 *14 *14 *13

9. NA

V163 R118 Bolting Effect (QC10d. If he bolts his drinks?) MD=9

TS	10	11	12	M	F	DL
49	53	40	54	45	52	49
32	29	38	30	35	30	33
14	12	17	12	15	13	13
5	6	6	4	6	14	5
*1	0	*1	0	0	*1	*1

1. A lot
2. Some
3. A little
4. Not at all
8. DK

*45 *15 *17 *13 *20 *25 *20

9. NA

V164 R119 Feelings Effect (QC10e. How he is feeling, (sad, tired, nervous, etc.)?) MD=9

TS	10	11	12	M	F	DL
38	37	40	38	32	43	39
37	36	36	41	34	40	39
20	23	20	17	27	15	18
5	5	4	5	7	3	3

1. A lot
2. Some
3. A little
4. Not at all

*27 *10 *8 *9 *15 *12 *11

9. NA

V165 R120 Change Drinks (QC10f. If he changes from one kind of drink to another?) MD=9

TS	10	11	12	M	F	DL
42	46	35	46	42	43	41
30	28	35	27	30	31	31
20	17	23	20	20	20	21
7	8	7	8	9	6	7

1. A lot
2. Some
3. A little
4. Not at all

*29 *12 *8 *9 *14 *15 *11

9. NA

V166 R121 Marijuana Effect (QC10g. If he is smoking marijuana?) MD=9

TS	10	11	12	M	F	DL
61	66	55	61	61	61	59
26	23	32	23	22	29	27
9	8	9	11	10	8	9
3	2	3	4	5	2	4
*4	0	2	*1	1	*1	1

1. A lot
2. Some
3. A little
4. Not at all
8. DK

*30 *12 *9 *9 *17 *13 *12

9. NA

V167 R122 Drug Effect (QC10y. If he is using a strong drug like LSD?) MD=9

TS	10	11	12	M	F	DL
82	83	81	81	78	86	83
10	9	11	9	11	9	9
4	4	3	6	5	3	4
3	3	2	3	4	2	3
1	0	3	*1	2	*2	2

1. A lot
2. Some
3. A little
4. Not at all
8. DK

*31 *12 *9 *10 *15 *16 *13

9. NA

V168 R123 Other People Effect (QC10i. How the people he is with are acting?) MD=9

TS	10	11	12	M	F	DL
26	25	25	31	27	25	29
36	34	36	39	37	35	36
25	26	25	23	23	26	25
13	16	15	7	13	13	10

1. A lot
2. Some
3. A little
4. Not at all

*29 *11 *8 *10 *17 *12 *12

9. NA

V169 R124 Experience Effect (QC10j. If he is used to drinking alcoholic beverages?) MD=9

TS	10	11	12	M	F	DL
41	33	44	48	42	40	46
27	30	25	24	27	26	23
24	25	24	22	22	25	24
8	11	7	6	9	8	8

1. A lot
2. Some
3. A little
4. Not at all

*31 *11 *9 *11 *16 *15 *13

9. NA

V170 R125 Medicine Effect (QC10k. If he is taking medicine for some sickness?) MD=9

TS	10	11	12	M	F	DL
60	61	62	58	57	64	63
29	26	29	32	30	27	29
9	10	7	9	10	7	7
2	3	2	1	3	1	1

1. A lot
2. Some
3. A little
4. Not at all

*31 *12 *9 *10 *19 *12 *13

9. NA

V171 R125A Effects Info Index (Sum of R166, R117 & R124 recoded to 1=2, 2 or 8=1, 3 or 4=0, 0 or 9=9) MD=9

TS	10	11	12	M	F	DL
2	4	0	1	2	1	
6	9	4	3	5	7	3
13	15	12	10	10	14	11
16	18	15	13	16	15	15
25	26	22	26	25	25	25
21	17	23	25	22	20	22
18	10	25	21	19	17	23

0. Entirely wrong-did not know that drinking on an empty stomach, body weight & experience make a lot of difference in how alcohol affects behavior
- 1.
- 2.
3. Partially correct, including DK all 3 items
- 4.

21 17 23 25 22 20 22

- 5.

18 10 25 21 19 17 23

6. Entirely correct-knew all 3 factors are important

*35 *11 *11 *13 *17 *18 *17

9. NA on 1 or more items; Inap.

V172 R126 Coffee Effect (QC11. People have different ideas about ways to sober up after drinking too much. In your opinion how much can each of the following methods help to get rid of the effects of alcohol? a. Drinking coffee?) MD=9

TS	10	11	12	M	F	DL
13	18	10	11	12	15	10
39	42	38	37	34	44	39
30	23	31	37	35	25	33
17	17	20	15	19	16	17

1. A lot
2. Some
3. A little
4. Not at all

*13 *4 *6 *3 *9 *4 *4

9. NA

V173 R127 Walking Effect (QC11b. Taking a walk?) MD=9

TS	10	11	12	M	F	DL
12	12	12	12	11	13	13
31	29	31	34	27	35	33
37	36	38	37	44	31	35
20	23	19	17	18	22	18
*14	*4	*6	*4	*10	*4	*6

1. A lot
2. Some
3. A little
4. Not at all
9. NA

V174 R128 Waiting Effect (QC11c. Waiting several hours?) MD=9

TS	10	11	12	M	F	DL
47	45	48	48	52	43	49
29	27	30	31	29	28	30
19	22	18	15	16	21	17
6	7	4	6	3	8	5
*15	*5	*7	*3	*10	*5	*4

1. A lot
2. Some
3. A little
4. Not at all
9. NA

V175 R129 Shower Effect (QC11d. Taking a cold shower?) MD=9

TS	10	11	12	M	F	DL
14	17	9	15	15	13	12
37	33	37	44	33	41	42
28	27	32	26	29	27	27
20	23	33	15	23	18	19
*18	*5	*9	*4	*11	*7	*8

1. A lot
2. Some
3. A little
4. Not at all
9. NA

V176 R130 Eating Effect (QC11e. Eating food?) MD=9

TS	10	11	12	M	F	DL
18	16	17	21	19	17	20
32	31	32	34	35	30	34
26	27	24	26	28	24	24
24	26	27	19	19	28	21
*14	*4	*6	*4	*10	*4	*4

1. A lot
2. Some
3. A little
4. Not at all
9. NA

V177 R130A Sober Info Index (Sum of R126, R127, R129, R130 recoded as 1 or 2=0, 3 or 4=2, 8=1, 9=9; R128 recoded as 1 or 2=2, 3 or 4=0, 8=1, 9=9) MD=99

TS	10	11	12	M	F	DL
1	3	*1	*1	*1	2	1
18	17	17	21	15	20	19
23	23	23	24	21	25	24
25	29	21	24	26	24	23
22	16	28	22	23	20	24
10	11	11	9	14	8	8
*23	*6	*11	*6	*15	*8	*10

0. Entirely wrong-did not know that coffee, walking, a shower or food are not very effective & that waiting several hours is somewhat or very effective
- 2.
- 4.
6. Partially correct
- 8.
10. Entirely correct answers to all 5 items
99. NA on 1 or more items

V178 R131 Taken Driver's Education (QD1. Have you ever taken a driver education course?) MD=9

TS	10	11	12	M	F	DL
10	18	8	4	11	9	2
61	15	87	92	63	60	98
28	67	5	4	26	31	*1
*5	*2	*1	*2	*3	*2	0

1. Yes, I am taking the course now
2. Yes, I finished the course in ____ MO. ____ Yr.
3. No, I have not taken the course
9. NA

Additional Comments:

I didn't finish the course.
I finished the course in June or July but failed.

V179 R132 Month Finished Driver's Education (QD1.)

MD=00,98

TS	10	11	12	M	F	DL
9	*1	13	15	9	9	16
2	1	3	4	2	2	4
4	0	7	6	4	4	7
2	*2	4	3	3	2	3
2	0	3	5	2	2	3
17	2	26	26	16	18	29
11	4	15	16	13	10	17
9	4	13	10	10	8	13
2	*1	2	3	1	2	2
2	2	2	2	2	2	1
2	1	1	4	2	2	2
37	84	11	6	36	38	*2

- 01. January
- 02. February
- 03. March
- 04. April
- 05. May
- 06. June
- 07. July
- 08. August
- 09. September
- 11. November
- 12. December
- 00. Inap., R is in the process of taking the course; or R did not take the course

*16 *4 *4 *8 *10 *6 *8

99. NA

V180 R133 Year Finished Driver's Education (QD1.)

MD=0,8

TS	10	11	12	M	F	DL
*4	0	0	3	*1	1	1
7	0	2	*22	7	7	12
22	*1	17	57	21	22	39
32	15	69	13	35	31	47
*5	1	1	0	*1	1	0
37	84	11	6	36	38	*1

- 2. 1969
- 3. 1970
- 4. 1971
- 5. 1972
- 6. 1973
- 0. Inap., R is in the process of taking the course; or R has not taken the course

*15 *4 *5 *6 *10 *5 *6

9. NA

V181 R133A Months Since Driver's Education (R132,R133 recoded as number of months prior to April 1973)

MD=99

TS	10	11	12	M	F	DL
*2	6	0	0	0	1	0
*3	3	1	0	*1	1	0
2	9	1	*1	2	2	*2
2	11	2	*1	2	2	*1
*2	0	1	0	0	1	*2
8	26	10	1	10	6	6
9	20	13	3	12	7	8
13	14	24	*1	10	15	14
2	0	2	2	2	2	2
3	6	3	*1	4	2	2
3	0	6	*1	2	4	3
2	3	2	1	1	2	2
8	0	13	3	10	6	9
*3	0	0	2	*1	1	1
*3	0	*1	1	*1	1	1
1	3	1	*1	2	*1	*2
6	0	5	7	5	6	6
6	0	5	9	6	6	7
10	0	4	19	11	9	11
*3	0	0	2	*1	1	1
1	0	*1	3	*1	2	2
2	0	*1	4	2	2	2
2	0	1	3	2	*1	2
5	0	1	10	3	6	6
1	0	*1	2	1	1	*2
*3	0	0	2	*1	1	1
*1	0	0	*1	0	*1	*1
2	0	0	5	2	2	2
4	0	1	7	4	4	4
*2	0	0	1	*1	*1	*2
*3	0	*1	1	1	*1	1
1	0	0	3	*1	2	1
*2	0	0	1	*1	*1	*2
*1	0	0	*1	0	*1	*1
*1	0	0	*1	0	*1	*1

- 02. February 1973 (2 months)
- 03. January 1973 (3 months)
- 04. December 1972 (4 months)
- 05. November 1972 (5 months)
- 07. September 1972 (7 months)
- 08. August 1972 (8 months)
- 09. July 1972 (9 months)
- 10. June 1972 (10 months)
- 11. May 1972 (11 months)
- 12. April 1972 (12 months)
- 13. March 1972 (13 months)
- 14. February 1972 (14 months)
- 15. January 1972 (15 months)
- 16. December 1971 (16 months)
- 17. November 1971 (17 months)
- 19. September 1971 (19 months)
- 20. August 1971 (20 months)
- 21. July 1971 (21 months)
- 22. June 1971 (22 months)
- 23. May 1971 (23 months)
- 24. April 1971 (24 months)
- 25. March 1971 (25 months)
- 26. February 1971 (26 months)
- 27. January 1971 (27 months)
- 28. December 1970 (28 months)
- 31. September 1970 (31 months)
- 32. August 1970 (32 months)
- 33. July 1970 (33 months)
- 34. June 1970 (34 months)
- 35. May 1970 (35 months)
- 37. March 1970 (37 months)
- 39. January 1970 (39 months)
- 44. August 1969 (44 months)
- 45. July 1969 (45 months)
- 46. June 1969 (46 months)

*233*188 *27 *18*107*126 *11

99. NA; or Inap., R is in the process of taking the course; or R did not take the course

V182 R134 Ever Driven Car (QD2. Not counting driver education, have you ever driven a car or a motorcycle?) MD=9

TS	10	11	12	M	F	DL
89	81	93	95	92	87	100
11	19	97	5	8	13	0
*7	*2	*3	*2	*5	*2	*2

- 1. Yes
- 5. No
- 9. NA

V183 R135 Days Driven Past Year (QD3. About how many different days in the past year would you say you had driven a car or motorcycle not counting driver education?) MD=9

TS	10	11	12	M	F	DL
10	18	7	5	7	13	0
24	45	15	8	23	25	7
12	15	13	6	10	13	8
14	10	25	7	14	14	19
39	12	41	74	45	35	66
*14	*9	*3	*2	*10	*4	*1

- 0. Inap., R has never driven a car or motorcycle
- 1. Ten days or fewer
- 2. Eleven-forty days
- 3. Forty-one - one hundred & twenty days
- 4. Over 120 days
- 9. NA

V184 R136 Number of Family Cars (QD4. How many cars or motorcycles does your family own?) MD=9

TS	10	11	12	M	F	DL
11	19	7	5	8	13	*1
14	13	17	11	14	14	13
38	33	43	40	37	40	44
19	19	17	22	19	19	21
9	7	9	10	12	6	11
4	3	3	7	4	5	5
2	2	2	2	2	2	2
*1	1	*1	0	*2	*1	*1
2	2	3	2	3	1	2
*21	*13	*6	*2	*16	*4	*4

- 0. None; or Inap., R has never driven
- 1. One vehicle
- 2. Two vehicles
- 3. Three vehicles
- 4. Four vehicles
- 5. Five vehicles
- 6. Six vehicles
- 7. Seven vehicles
- 8. Eight or more vehicles (8 entries), nine (3 entries), five cars & 1-6 motorcyles, 7 cars and 3 motorcycles)
- 9. NA

V185 R137 R's Use of Vehicles (QD5. Is at least one of these vehicles owned by you or usually available for your use?) MD=9

TS	10	11	12	M	F	DL
11	19	7	5	8	13	0
48	15	63	73	49	48	80
6	11	2	5	11	2	3
4	2	6	4	7	2	5
31	53	21	13	26	35	13
*13	*8	*3	*2	*9	*4	*1

- 0. Inap., R has never driven, or family has no vehicles.
- 1. Yes, a car
- 2. Yes, a motorcycle
- 3. Both car & motorcycle
- 5. Neither
- 9. NA

V186 R138 Have Driver's License (QD6. Do you have either a driver's license or a learner's permit?) MD=9

TS	10	11	12	M	F
10	18	7	5	7	13
51	3	73	89	53	50
6	7	8	1	6	5
33	72	12	5	33	31
*10	*6	*2	*2	*7	*3

- 0. Inap., R has never driven
- 1. Yes, obtained drivers license in ___MO___ Yr
- 2. Yes, have learner's permit
- 5. No, neither one
- 9. NA

V187 R139 Month Received License (QD6.) MD=00,98

TS	10	11	12	M	F	DL
2	*1	1	3	2	1	3
2	0	3	4	3	1	4
5	0	6	9	5	4	9
4	0	4	9	4	3	7
3	*1	4	3	2	3	5
2	*1	1	6	3	2	5
8	*1	12	12	9	7	15
11	*1	17	16	11	11	21
7	0	13	8	6	7	13
3	*2	4	6	3	4	5
3	0	5	7	4	3	7
3	*1	5	4	2	4	6

- 01. January
- 02. February
- 03. March
- 04. April
- 05. May
- 06. June
- 07. July
- 08. August
- 09. September
- 10. October
- 11. November
- 12. December

V187 R139 (cont'd)

TS	10	11	12	M	F	DL
48	96	25	12	47	49	*1
*20	*9	*4	*7	*15	*5	*7

- 00. Inap., R does not have a driver's license; or R has never driven
- 99. NA

V188 R140 Year Received License (QD6.)

MD=0,8

TS	10	11	12	M	F	DL
*2	0	0	1	*1	*1	*2
4	0	1	14	3	5	8
17	0	6	54	18	16	34
29	3	67	19	31	27	56
*3	*1	*1	*1	*1	*2	1
49	97	26	12	47	50	*1
*19	*9	*5	*5	*15	*4	*6

- 2. 1969
- 3. 1970
- 4. 1971
- 5. 1972
- 6. 1973
- 8. DK
- 0. Inap., R does not have a driver's license; or R has never driven
- 9. NA

V189 R140A Months Since License (QD6.) (R139, R140 recoded as number of months prior to April 1973)

MD=99

ACTUAL NUMBER OF MONTHS IS CODED

- 99. DK, NA on R139 or R140; or Inap., R does not have a driver's license; or R has never driven

V190 R140B Months with License (R140A collapsed)

MD=9

TS	10	11	12	M	F	DL
9	43	13	2	9	8	8
39	57	64	11	39	39	39
40	0	21	61	39	41	40
11	0	1	22	13	10	11
1	0	0	3	*1	2	1

- 1. Six months or less
- 2. Six - twelve months
- 3. Thirteen-twenty-four months
- 4. Twenty-five - thirty-six months
- 5. Thirty-seven - sixty-three months

*299*216 *56 *27*136*162 *10

- 9. NA, DK on R139 or R140; or Inap., R did not receive a license; or R does not drive

V191 R140C Months Dr.Ed-License (R133A-R140A)

MD=99

ACTUAL NUMBER OF MONTHS BETWEEN COMPLETING DRIVER EDUCATION & RECEIVING A DRIVER'S LICENSE

TS	10	11	12	M	F	DL
10	14	11	11	15	7	10
20	14	22	19	21	20	20
18	0	21	16	16	20	18
15	14	14	15	15	14	15
11	14	13	8	9	12	11
5	0	4	7	7	4	5
6	14	4	7	5	7	6
3	14	4	2	2	4	3
3	0	3	3	4	2	3
1	0	1	2	2	*1	1
2	14	1	2	2	1	2
*1	0	0	*1	*1	0	*1
*1	0	0	*1	0	*1	*1
1	0	*1	2	*1	2	1
2	0	1	2	0	3	2
*1	0	*1	0	0	*1	*1
*1	0	*1	0	0	*1	*1
*1	0	0	*1	0	*1	*1

- 0. None
- 1. One month
- 2. Two months
- 3. Three months
- 4. Four months
- 5. Five months
- 6. Six months
- 7. Seven months
- 8. Eight months
- 9. Nine months
- 10. Ten months
- 11. Eleven months
- 12. Twelve months
- 13. Thirteen months
- 14. Fourteen months
- 17. Seventeen months
- 20. Twenty months
- 22. Twenty-two months

*304*216 *57 *31*140*163 *15

- 99. R doesn't have a driver's license; or didn't take driver education; or NA on either question

V192 R141 Driven Past Month (QD7. Have you driven at all in the past four weeks not counting driver's education?) MD=9

TS	10	11	12	M	F	DL
11	19	8	5	8	14	0
69	42	84	85	72	65	97
20	39	8	10	20	20	3
*11	*4	*4	*3	*9	*2	*2

- 0. Inap., R has never driven
- 1. Yes
- 5. No
- 9. NA

V193 R142 School Trips Alone (QD7a. About how many times in the past month would you say you yourself had driven on the following types of trips--alone, with family members or other adults, & with other teenagers? Just make your best guesses about your past month's driving. (b) Trips to school or school activities during regular school hours, driving alone?) MD=98,99

ACTUAL NUMBER CODED

- 97. More than 100 times
- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

V194 R142A School Trips Alone-9 (R142 collapsed) MD=9

TS	10	11	12	M	F	DL
73	98	65	47	69	75	46
7	1	13	8	9	6	14
3	0	4	6	2	4	6
3	0	7	4	4	3	7
*4	0	*1	2	*2	*2	1
3	0	2	7	3	2	6
6	*1	6	15	9	4	13
3	0	2	11	3	4	7
*2	0	*1	*1	*2	0	*2
*49	*16	*16	*17	*26	*23	*29

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA,DK

V195 R143 School Trips Adults (QD7b. Trips to school driving with family members or other adults.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven

V196 R143A School Trips-Adults-9 (R143 collapsed) MD=9

TS	10	11	12	M	F	DL
82	96	75	72	84	80	70
5	1	10	3	7	3	8
2	0	3	5	2	3	5
2	*1	3	3	*2	3	4
*1	0	*1	*1	*2	0	*2
1	0	2	1	1	1	2
5	1	4	10	4	6	8
2	*1	1	5	1	3	3
*53	*24	*15	*14	*27	*25	*22

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 9. NA

V197 R144 School Trips Teens (QD7b. Trips to school with other teenagers.) MD=98,99

ACTUAL NUMBER CODED

- 96. 96 or more times
- 97. More than 100 times
- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

V198 R144A School Trips Teens-9 (R144 collapsed)

MD=9

TS	10	11	12	M	F	DL
73	97	65	51	73	73	49
5	1	8	9	6	5	10
4	*1	4	8	5	4	7
5	*1	5	11	5	6	11
*4	0	2	0	1	*3	2
4	*1	8	4	4	4	7
5	0	7	9	4	6	10
3	*1	1	7	2	3	5
*1	0	*1	0	0	*1	*1
*68	*22	*27	*19	*38	*30	*40

0. None; or Inap., R has not driven in the past month
1. One-two times
2. Three-four times
3. Five-six times
4. Seven-eight times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six - fifty times
8. Fifty-one or more times

9. NA, DK

V199 R145 Work Trips-Alone (QD7c. Trips to work, driving alone.)

MD=98,99

ACTUAL NUMBER CODED

96. 96-100 times
97. More than 100 times
98. DK
99. NA
00. None; or Inap., R has not driven in the past month

V200 R145A Work Trips Alone-9 (R145 collapsed)

MD=9

TS	10	11	12	M	F	DL
79	99	72	58	77	81	58
3	0	6	3	3	3	5
2	0	1	5	2	2	4
1	0	3	2	*2	2	3
*3	0	1	*2	1	0	1
3	0	4	5	3	3	6
7	*1	8	17	9	7	14
3	0	3	8	4	2	7
*5	0	2	*2	*2	1	2
*58	*17	*19	*22	*35	*23	*37

0. None; or Inap., R has not driven in the past month
1. One-two times
2. Three-four times
3. Five-six times
4. Seven-eight times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six to fifty times
8. Fifty-one or more times

9. NA, DK

V201 R146 Work Trips-Adults (QD7c. Trips to work, driving with family members or other adults.)

MD=98,99

ACTUAL NUMBER CODED

98. DK
99. NA
00. None; or Inap., R has not driven in the past month

V202 R146A Work Trips Adult-9 (R146 collapsed)

MD=9

TS	10	11	12	M	F	DL
89	99	85	80	89	88	80
4	1	6	5	4	4	7
3	0	3	6	2	3	5
2	0	2	3	2	1	3
*4	0	1	1	1	*1	1
*5	0	1	2	*2	1	1
1	0	1	3	*1	2	2
*3	0	1	*1	*1	*2	1
*52	*24	*16	*12	*26	*25	*22

0. None; or Inap., R has not driven in the past month
1. One-two times
2. Three-four times
3. Five-six times
4. Seven-eight times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six - fifty times
8. Fifty-one or more times

9. NA,DK

V203 R147 Work Trips Teens (QD7c. Trips to work, driving with other teenagers.)

MD=98,99

ACTUAL NUMBER CODED

98. DK
99. NA
00. None; or Inap., R has not driven in the past month

V204 R147A Work Trips Teens-9 (R147 collapsed)

MD=9

TS	10	11	12	M	F	DL
91	98	88	84	93	89	83
4	1	4	5	3	4	6
3	0	4	3	2	3	4
1	0	2	3	*1	2	3
*1	0	*1	0	0	*1	*1
*5	0	*1	3	*1	1	2
*2	0	0	1	*1	*1	*2
*1	0	0	*1	*1	0	*1
*50	*19	*16	*15	*27	*23	*26

0. None; or Inap., R has not driven in the past month
 1. One-two times
 2. Three-four times
 3. Five-six times
 5. Nine-ten times
 6. Eleven - twenty-five times
 7. Twenty-six to fifty times
 8. Fifty-one or more times
 9. NA,DK

V205 R148 Visit Trips Alone (QD7d. Trips to visit someone, driving alone.)

MD=98,99

ACTUAL NUMBER CODED

97. More than 100 times (105,200)
 98. DK
 99. NA
 00. None; or Inap., R has not driven in the past month

V206 R148A Visit Trips-Alone-9 (R148 collapsed)

MD=9

TS	10	11	12	M	F	DL
67	95	55	44	65	69	38
8	1	13	11	8	8	14
5	1	6	8	4	5	8
5	1	6	7	5	4	9
2	*1	3	2	3	1	4
4	*1	3	10	4	4	8
7	0	10	15	8	7	15
2	0	3	4	3	2	4
*1	0	*1	0	0	*1	*1
*57	*15	*25	*17	*30	*27	*38

0. None; or Inap., R has not driven in the past month
 1. One-two times
 2. Three-four times
 3. Five-six times
 4. Seven-eight times
 5. Nine-ten times
 6. Eleven - twenty-five times
 7. Twenty-six - fifty times
 8. Fifty-one or more times
 9. NA,DK

V207 R149 Visit Trips-Adults (QD7d. Trips to visit someone, driving with family members or other adults.)

MD=98,99

ACTUAL NUMBER CODED

97. More than 100 times (200)
 98. DK
 99. NA
 00. None; or Inap., R has not driven in the past month

V208 R149A Visit Trips Adults-9 (R149 collapsed)

MD=9

TS	10	11	12	M	F	DL
76	92	67	66	77	75	61
7	4	11	8	8	7	12
5	1	7	6	4	5	8
5	0	9	8	5	5	9
1	0	1	2	1	*2	2
3	1	2	5	3	2	4
3	2	2	5	2	4	4
*2	0	1	0	*1	*1	*1
*67	*24	*25	*18	*40	*26	*35

0. None; or Inap., R has not driven in the past month
 1. One-two times
 2. Three-four times
 3. Five-six times
 4. Seven-eight times
 5. Nine-ten times
 6. Eleven - twenty-five times
 7. Twenty-six - fifty times
 9. NA,DK

V209 R150 Visit Trips-Teens (QD7d. Trips to visit someone, driving with other teenagers.)

MD=98,99

ACTUAL NUMBER CODED

97. More than 100 times (130)
 98. DK
 99. NA
 00. None; or Inap., R has not driven in the past month

V210 R150A Visit Trips Teens-9 (R150 collapsed) MD=9

TS	10	11	12	M	F	DL
74	95	67	53	74	73	53
5	1	6	9	5	5	8
6	1	7	11	6	6	11
5	*1	8	9	5	5	10
*5	0	2	1	1	*1	2
3	0	5	6	4	3	7
4	1	3	9	4	4	7
1	*1	2	1	*1	1	2
*2	0	*1	*1	*1	*1	*2
*59	*21	*18	*20	*29	*30	*33

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA,DK

V211 R151 Bus, Trips Alone (QD7e. Trips on personal or family business (errands, shopping, appointments, chauffeuring someone, etc.), driving alone.) MD=98,99

ACTUAL NUMBER CODED

- 97. More than 100 times (150)
- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

V212 R151A Bus, Trips Alone-9 (R151 Collapsed) MD=9

TS	10	11	12	M	F	DL
62	95	47	33	59	65	25
6	*1	11	9	7	6	12
5	1	8	8	6	5	11
7	2	9	12	8	6	12
2	0	3	3	3	1	4
6	*1	10	8	7	5	12
9	1	9	21	9	9	18
3	0	3	5	2	3	5
*1	0	0	*1	*1	0	*1
*61	*16	*25	*20	*34	*27	*40

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA,DK

V213 R152 Business Trips Adults (QD7e. Trips on personal or family business (errands, shopping, appointments, chauffeuring someone, etc.), with family members or other adults.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

V214 R152A Business Trips Adults-9 (R152 collapsed) MD=9

TS	10	11	12	M	F	DL
63	90	49	43	64	61	37
9	4	11	13	10	8	14
7	1	11	10	8	7	12
7	1	8	12	6	7	12
1	0	3	2	*2	2	3
5	*1	7	9	5	5	9
7	3	8	9	4	8	9
2	*1	2	3	2	2	3
*1	0	*1	0	0	*1	*1
*67	*28	*24	*15	*37	*29	*32

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA,DK

V215 R153 Business Trips-Teen (QD7e. Trips on personal or family business (errands, shopping, appointments, chauffeuring someone, etc.), driving with other teenagers.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

TS	10	11	12	M	F	DL
73	97	64	50	73	72	49
7	1	11	10	10	5	12
5	*1	3	11	4	5	8
6	0	7	12	4	7	11
2	0	4	1	*1	3	3
4	*1	4	9	5	3	8
3	*1	5	5	3	4	6
1	0	2	2	1	1	2
*56	*20	*18	*18	*30	*26	*30

V216 R153A Business Trips-Teens-9 (R153 collapsed) MD=9

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 9. NA,DK

V217 R154 Social Trips Alone (QD7f. Trips to go out to eat, to meetings, or to other social, recreational, religious or cultural activities, driving alone.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

TS	10	11	12	M	F	DL
73	98	63	50	70	75	48
7	1	10	10	8	5	12
5	*1	8	9	5	5	10
5	0	6	9	5	5	9
2	0	4	2	3	1	4
4	0	5	9	4	4	8
2	0	3	5	3	2	5
2	*1	2	3	3	1	3
*1	0	0	*1	0	*1	*1
*53	*17	*16	*20	*33	*20	*31

V218 R154A Social Trips Alone-9 (R154 collapsed) MD=9

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA,DK

V219 R155 Social Trips Adults (QD7f. Trips to go out to eat, to meetings or to other social recreational, religious, or cultural activities, driving with family members or other adults.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

TS	10	11	12	M	F	DL
71	93	60	56	75	68	50
8	3	10	13	7	8	14
7	1	12	9	7	8	13
7	*1	10	11	6	7	12
1	0	2	1	*2	1	3
3	1	5	5	2	5	5
2	1	1	5	2	2	4
*2	0	*1	*1	0	*1	*2
*63	*21	*26	*16	*36	*26	*33

V220 R155A Social Trips Adults-9 (R155 collapsed) MD=9

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 9. NA,DK

V221 R156 Social Trips Teens (QD7f. Trips to go out to eat, to meetings or to other social, recreational, religious, or cultural activities, driving with other teens.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

V222 R156A Social Trips Teens-9 (R156 collapsed) MD=9

TS	10	11	12	M	F	DL
69	96	59	45	68	69	42
7	1	10	10	7	7	12
6	0	9	9	6	5	11
6	1	5	12	6	5	10
2	0	2	4	2	2	3
4	1	7	6	3	6	8
5	1	6	10	7	4	9
1	0	2	3	1	2	3
*1	0	*1	0	*1	0	*1
*71	*29	*24	*18	*33	*38	*35

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-six - fifty times
- 8. Fifty-one or more times
- 9. NA,DK

V223 R157 Driving Trips Alone (QD7g. Trips for just driving around, driving alone.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

V224 R157A Just Trips Alone-9 (R157 collapsed) MD=9

TS	10	11	12	M	F	DL
81	95	77	67	76	85	67
7	2	9	12	8	6	12
3	1	2	6	2	4	5
2	1	3	3	4	1	4
*3	*1	*1	*1	*2	*1	*2
3	*1	3	5	4	2	4
2	0	5	3	3	1	4
*5	0	*1	3	*2	1	2
*2	0	*1	*1	*2	0	*2
*56	*22	*20	*14	*36	*20	*27

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 7. Twenty-five - fifty times
- 8. Fifty-one or more times
- 9. NA,DK

V225 R158 Driving Trips-Adults (QD7g. Trips for just driving around, with family members or other adults.) MD=98,99

ACTUAL NUMBER CODED

- 00. None; or Inap., R has not driven in the past month
- 98. DK
- 99. NA

V226 R158A Just Trips Adults-9 (R158 collapsed) MD=9

TS	10	11	12	M	F	DL
90	90	89	90	91	88	90
3	4	3	3	3	3	2
2	2	2	3	2	3	3
3	3	4	3	3	4	3
*1	0	0	*1	*1	0	*1
*5	*1	2	*1	*1	1	0
*4	1	*1	*1	*2	*2	*2
*53	*22	*16	*15	*28	*24	*24

- 0. None; or Inap., R has not driven in the past month
- 1. One-two times
- 2. Three-four times
- 3. Five-six times
- 4. Seven-eight times
- 5. Nine-ten times
- 6. Eleven - twenty-five times
- 9. NA,DK

V227 R159 Driving Trips Teens (QD7g. Trips for just driving around, driving with other teenagers.) MD=98,99

ACTUAL NUMBER CODED

- 98. DK
- 99. NA
- 00. None; or Inap., R has not driven in the past month

V228 R159A Just Trips Teens (R159 collapsed)

MD=9

TS	10	11	12	M	F	DL
77	93	69	66	79	76	62
6	4	8	6	4	7	8
3	*1	3	8	3	4	6
4	*1	8	4	3	5	7
*4	0	*1	2	*1	1	2
3	1	6	4	4	3	6
4	1	5	6	4	3	6
1	*1	*1	3	1	1	2
*1	0	0	*1	*1	0	*1

*78 *26 *29 *23 *41 *37 *45

0. None; or Inap., R has not driven in the past month
1. One-two times
2. Three-four times
3. Five-six times
4. Seven-eight times
5. Nine-ten times
6. Eleven - twenty-five times
7. Twenty-six - fifty times
8. Fifty-one or more times

9. NA,DK

V229 R160 Other Trips Alone (QD7h. Trips to other, driving alone.)

MD=9

TS	10	11	12	M	F	DL
98	98	97	100	98	98	98
1	1	2	0	*2	1	*1
*1	*1	0	0	*1	0	0
*1	*1	0	0	0	*1	*1
*1	0	*1	0	*1	0	*1
*1	*1	*1	0	*1	*1	*1

*69 *21 *21 *27 *38 *31 *41

0. None; or Inap., R has not driven in the past month
1. One time
3. Three times
5. Five times
7. Seven times
8. Eight or more times

9. NA

Types of Other Trips:

- Drive truck loads, 50-75 times
- Car broke down & I had to drive the car.
- Parents let me drive just a little bit in the driveway.
- Ten times.
- Practice (coded as 1).
- Thirty times-driving alone for physical activity.
- I race my cycle in motorcross & I practice in the country.
- I drive my motorcycle at a state forest (Ohio).

V230 R161 Other Trips-Adults (QD7h. Trips to other driving with family members or other adults.)

MD=9

TS	10	11	12	M	F	DL
98	97	98	100	98	98	99
*4	1	1	0	*1	1	*1
*2	1	0	0	*1	*1	0
*1	0	*1	0	0	*1	*1
*1	0	*1	0	*1	0	0
*1	*1	0	0	*1	0	0
*2	1	0	0	*1	*1	0

*72 *22 *23 *27 *38 *33 *42

0. None; or Inap., R has not driven in the past month
1. One time
2. Two times
5. Five times
6. Six times
7. Seven times
8. Eight or more times

9. NA

Types of Other Trips:

- Ten times, at church I park the car & bring it to the front of the church.
- Driving around the yard & up & down the street.
- Went down the street to the store.
- My Dad's teaching me to drive.
- Practice - eight times.
- Family members & physical activity.

V231 R162 Other Trips Teens (QD7h. Trips to other, driving with other teenagers.)

MD=9

TS	10	11	12	M	F	DL
99	99	98	100	99	99	99
*1	0	*1	0	0	*1	*2
*1	*1	0	0	0	*1	0
*3	*1	1	0	*2	*1	*1

*73 *20 *24 *29 *39 *34 *46

0. None; or Inap., R has not driven in the past month
6. Six times
7. Seven times
8. Eight or more times (10,12)

9. NA

Types of Other Trips:

- Thirty - physical activity (coded as 8).
- Paper route (coded as 6).
- I drive at work.

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	5	0	0	8
50.	0	0	6	21	1	0	21
70.	13	0	22	51	17	8	45
90.	60	0	66	84	68	51	85

V232 R162A Total Trips Alone (Sum of R142,R145,R148,R151,R154,R157 & R160) MD=999

999. DK,NA on 1 or more items
000. None; or Inap., R has not driven in the past month

V233 R162B Total Trips Alone-9 (R162A collapsed) MD=9

	TS	10	11	12	M	F	DL
	55	92	35	23	49	60	11
	13	5	23	14	15	12	22
	7	1	11	12	8	7	15
	4	1	7	6	5	4	8
	7	0	11	14	8	7	15
	7	0	7	17	7	7	15
	3	*1	3	8	5	2	7
	1	0	2	3	2	*2	3
	1	0	1	3	1	*2	2

0. None; or Inap., R has not driven in the past month
1. One-ten trips
2. Eleven-twenty trips
3. Twenty-one - thirty trips
4. Thirty-one - fifty trips
5. Fifty-one - seventy-five trips
6. Seventy-six - one hundred trips
7. One hundred - one hundred & fifty trips
8. One hundred & fifty or more trips

*129 *33 *50 *46 *70 *59 *88

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	6	5	0	0	9
70.	8	0	13	16	9	8	14
90.	30	5	30	44	26	33	40

V234 R 162C Total Trips-Adult (Sum of R143,R146,R149,R152,R155,R158 & R161) MD=999

000. None; or Inap. R has not driven in the past month
999. DK,NA on 1 or more items

	TS	10	11	12	M	F	DL
	53	82	33	37	53	54	23
	20	11	31	19	20	20	31
	11	2	13	21	13	8	19
	7	1	14	7	7	7	13
	4	1	4	9	3	6	8
	3	2	2	5	3	3	4
	1	*1	2	2	1	2	1
	*1	0	*1	0	0	*1	*1

V235 R162D Total Trips Adult-9 (R162C collapsed) MD=9

0. None; or Inap., R has not driven in the past month
1. One-ten trips
2. Eleven-twenty trips
3. Twenty-one - thirty trips
4. Thirty-one - fifty trips
5. Fifty-one - seventy-five trips
6. Seventy-six - one hundred trips
8. One hundred & fifty-one or more trips

*135 *44 *45 *46 *67 *67 *79

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	2
50.	0	0	3	11	0	0	13
70.	9	0	16	25	8	9	28
90.	43	0	53	59	40	48	62

V236 R162E Total Trips Teens (Sum of R144,R147,R150,R153,R156,R159 & R162) MD=999

000. None; or Inap., R has not driven in the past month
999. NA,DK on 1 or more items

	TS	10	11	12	M	F	DL
	60	93	43	31	61	60	24
	13	2	21	19	13	13	23
	7	1	7	17	7	7	14
	5	1	8	9	6	5	11
	7	*1	10	13	8	6	14
	4	2	5	6	2	6	8
	2	0	3	3	2	2	3
	*4	0	*1	3	1	*2	2
	*2	0	1	0	*1	*1	1

V237 R162F Total Trips Teens-9 (R162E collapsed) MD=9

0. None; or Inap., R has not driven in the past month
1. One-ten trips
2. Eleven-twenty trips
3. Twenty-one - thirty trips
4. Thirty-one - fifty trips
5. Fifty-one - seventy-five trips
6. Seventy-six - one hundred trips
7. One hundred - one hundred & fifty trips
8. One hundred & fifty-one or more trips

*136 *40 *48 *48 *65 *71 *88

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	2
50.	0	0	2	17	0	0	11
70.	6	0	10	25	6	6	22
90.	30	0	30	41	30	30	40

V238 R162G Total School Trips (Sum of R142,R143,R144) MD=999

000. None; or Inap., R has not driven in the past month
999. DK,NA on 1 or more items

V239 R162H Total School Trips-9 (R162G collapsed) MD=9

TS	10	11	12	M	F	DL
59	94	43	31	57	61	22
14	3	29	13	17	11	26
10	2	14	16	10	10	19
8	1	7	19	6	10	15
6	*1	7	13	7	5	12
1	0	0	5	*1	2	3
*3	0	*1	1	*1	*2	1
*2	0	*1	*1	*2	0	*2

- 0. None; or Inap., R has not driven in the past month
- 1. One-ten trips
- 2. Eleven-twenty trips
- 3. Twenty-one - thirty trips
- 4. Thirty-one - fifty trips
- 5. Fifty-one - seventy-five trips
- 6. Seventy-six - one hundred trips
- 7. One hundred - one hundred & fifty trips

*107 *36 *38 *33 *52 *54 *63

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	1
70.	0	0	3	16	0	0	12
90.	20	0	21	28	22	19	28

V240 R162I Total Work Trips (Sum of R145,R146,R147) MD=999

- 000. None; or Inap., R has not driven in the past month
- 999. NA,DK on 1 or more items

V241 R162J Total Work Trips-9 (R162I collapsed) MD=9

TS	10	11	12	M	F	DL
73	98	63	52	71	75	48
11	2	19	12	13	9	19
7	0	9	16	6	9	15
5	0	5	14	6	5	11
2	0	2	4	2	2	4
1	0	2	1	2	*1	2
*2	0	1	0	0	*1	*2

- 0. None; or Inap., R has not driven in the past month
- 1. One-ten trips
- 2. Eleven-twenty trips
- 3. Twenty-one - thirty trips
- 4. Thirty-one - fifty trips
- 5. Fifty-one - seventy-five trips
- 6. Seventy-six - one hundred trips

*94 *32 *32 *30 *48 *45 *56

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	2
50.	0	0	3	6	0	0	8
70.	5	0	10	18	5	6	17
90.	25	1	30	32	30	25	33

V242 R162K Total Visit Trips (Sum of R148,R149,R150) MD=999

- 000. None; or Inap., R has not driven in the past month
- 999. DK,NA on 1 or more items

V243 R162L Total Visit Trips-7 (R162K collapsed) MD=9

TS	10	11	12	M	F	DL
57	89	40	32	57	58	23
21	6	31	31	22	21	37
9	2	13	13	8	10	17
6	1	7	11	6	6	11
4	0	6	8	6	3	8
1	*1	1	3	*2	2	3
*2	0	*1	*1	*1	*1	*2
*1	0	*1	0	0	*1	*1

- 0. None; or Inap., R has not driven in the past month
- 1. One-ten trips
- 2. Eleven-twenty trips
- 3. Twenty-one - thirty trips
- 4. Thirty-one - fifty trips
- 5. Fifty-one - seventy-five trips
- 6. Seventy-six - one hundred trips
- 7. One hundred - one hundred & fifty trips

*112 *36 *40 *36 *55 *56 *68

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	1
30.	0	0	2	4	0	0	7
50.	1	0	8	10	1	0	13
70.	10	0	15	25	10	12	24
90.	30	2	39	40	30	33	41

V244 R162M Total Business Trips (Sum of R151,R152,R153) MD=999

- 000. None; or Inap., R has not driven in the past month
- 999. DK,NA on 1 or more items

V245 R162N Total Business Trips-7 (R162M collapsed) MD=9

TS	10	11	12	M	F	DL
50	88	27	23	48	51	9
22	7	35	29	27	18	38
12	4	18	16	11	12	21
7	2	7	13	5	9	15
7	0	9	15	7	7	14
2	0	3	3	2	1	3
*4	0	1	1	*1	1	2
*1	0	*1	0	0	*1	*1

- 0. None; or Inap., R has not driven in the past month
- 1. One-ten trips
- 2. Eleven-twenty trips
- 3. Twenty-one - thirty trips
- 4. Thirty-one - fifty trips
- 5. Fifty-one - seventy-five trips
- 6. Seventy-six - one hundred trips
- 7. One hundred - one hundred & fifty trips

*115 *38 *43 *34 *57 *57 *69

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	2	0	0	4
50.	0	0	4	8	0	0	8
70.	6	0	10	15	6	7	15
90.	20	0	20	32	20	19	31

V246 R162O Total Social Trips (Sum of R154,R155 & R156) MD=999

000. None; or Inap., R has not driven in the past month
 999. DK,NA on 1 or more items

V247 R162P Total Social Trips-9 (R162O collapsed) MD=9

	TS	10	11	12	M	F	DL
55	91	38	25	54	55	17	
25	5	37	38	27	23	45	
12	3	16	20	10	13	22	
4	2	5	5	3	4	7	
3	0	2	9	4	2	7	
1	0	2	1	*1	1	2	
*2	0	*1	*1	*2	0	*2	
*1	0	*1	0	0	*1	*1	

0. None; or Inap., R has not driven in the past month
 1. One-ten trips
 2. Eleven-twenty trips
 3. Twenty-one - thirty trips
 4. Thirty-one - fifty trips
 5. Fifty-one - seventy-five trips
 6. Seventy-six - one hundred trips
 7. One hundred - one hundred & fifty trips

*115 *39 *42 *34 *56 *58 *67

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	1
70.	2	0	5	4	2	2	6
90.	13	4	20	20	20	11	22

V248 R162Q Total Just Trips (Sum of R157,R158 & R159) MD=999

000. None; or Inap., R has not driven in the past month
 999. DK,NA on 1 or more items

V249 R162R Total Just Trips-7 (R162Q collapsed) MD=9

	TS	10	11	12	M	F	DL
64	83	53	53	63	66	47	
24	13	31	29	24	24	33	
6	2	8	10	7	6	10	
3	1	5	2	3	2	5	
2	0	2	3	2	1	3	
*3	0	0	2	*1	*2	1	
*1	0	0	*1	*1	0	*1	
*2	0	*1	*1	*2	0	*2	

0. None; or Inap., R has not driven in the past month
 1. One-ten trips
 2. Eleven-twenty trips
 3. Twenty-one - thirty trips
 4. Thirty-one - fifty trips
 5. Fifty-one - seventy-five trips
 6. Seventy-six - one hundred trips
 7. One hundred - one hundred & fifty trips

*115 *45 *38 *32 *60 *54 *60

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0
70.	0	0	0	0	0	0	0
90.	0	0	0	0	0	0	0

V250 R162S Total Other Trips (Sum of R160,R161 & R162) MD=999

000. None; or Inap., R has not driven in the past month
 999. DK,NA on 1 or more items

V251 R162T Total Other Trips-9 (R162S collapsed) MD=9

	TS	10	11	12	M	F	DL
97	95	96	100	97	97	98	
3	5	3	0	3	3	2	
*1	*1	0	0	*1	0	0	
*1	0	*1	0	0	*1	*1	

0. None; or Inap., R has not driven in the past month
 1. One-ten trips
 2. Eleven-twenty trips
 3. Twenty-one - thirty trips

*80 *25 *26 *29 *44 *35 *46

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	6
30.	0	0	10	23	0	0	31
50.	7	0	28	59	13	4	56
70.	45	0	58	97	43	46	96
90.	115	12	133	164	125	112	162

V252 R162U Total Trips All (Sum of R142-R162) MD=999

000. None; or Inap., R has not driven in the past month
 999. DK,NA on 1 or more items

V253 R162V Total Trips All-9 (R162U collapsed)

MD=9

TS	10	11	12	M	F	DL
43	77	20	21	39	46	5
9	12	11	3	10	9	7
5	2	11	3	7	4	7
6	2	11	6	9	5	10
8	1	14	11	8	8	17
8	2	9	13	7	8	14
7	2	9	13	7	8	15
8	0	10	17	9	7	15
5	0	6	11	5	5	11

0. Inap., R has not driven in the past month
1. One-ten trips
2. Eleven-twenty trips
3. Twenty-one - thirty trips
4. Thirty-one - fifty trips
5. Fifty-one - seventy-five trips
6. Seventy-six - one hundred trips
7. One hundred - one hundred & fifty trips
8. One hundred & fifty-one or more trips

*170 *59 *57 *54 *85 *84 *99

9. DK,NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	1
30.	0	0	0	15	0	0	29
50.	0	0	32	43	14	0	45
70.	39	0	50	54	48	31	59
90.	68	0	74	76	75	61	79

V254 R162W Total Alone Trips % (R162A/R162V)

MD=999

000. None; or Inap., R has not driven in the past month
999. DK,NA on 1 or more items

V255 R162X Total Alone Trips %-8 (R162W collapsed)

MD=9

TS	10	11	12	M	F	DL
53	91	32	21	47	57	9
*3	*1	1	0	*1	*1	1
2	1	1	3	*1	3	3
6	3	8	10	7	6	12
12	1	21	17	13	11	23
14	0	20	27	16	13	30
7	*1	9	13	8	6	14
5	2	7	7	8	3	9

0. None; or Inap., R has not driven in the past month
1. 0-5 percent
2. 6-10 percent
3. 11-24 percent
4. 25-44 percent
5. 45-64 percent
6. 65-84 percent
7. 85-100 percent

*170 *59 *57 *54 *85 *84 *99

9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	8
50.	0	0	19	9	0	0	21
70.	24	0	37	26	23	25	35
90.	67	99	83	46	67	75	55

V256 R162Y Total Adult Trips % (R162C/R162V)

MD=999

000. None; or Inap., R has not driven in the past month
999. DK, NA on 1 or more items

V257 R162Z Total Adult Trips %-8 (R162Y collapsed)

MD=9

TS	10	11	12	M	F	DL
51	82	30	34	52	51	18
3	0	2	7	3	3	6
6	0	9	11	6	6	12
10	1	18	15	10	11	22
13	2	17	24	13	12	25
6	2	10	8	6	6	11
3	2	4	2	3	2	4
8	12	10	0	7	9	3

0. None; or Inap., R has not driven in the past month
1. 0-5 percent
2. 6-10 percent
3. 11-24 percent
4. 25-44 percent
5. 45-64 percent
6. 65-84 percent
7. 85-100 percent

*170 *59 *57 *54 *85 *84 *99

9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	4	0	0	11
50.	0	0	14	18	0	0	25
70.	21	0	32	31	21	23	35
90.	45	0	51	50	44	45	51

V258 R162AA Total Teen Trips % (R162E/R162V)

MD=999

000. None; or Inap., R has not driven in the past month
999. NA, DK on 1 or more items

V259 R162BB Total Teen Trips %-8 (R162AA collapsed) MD=9

TS	10	11	12	M	F	DL
58	93	42	28	57	59	21
2	*1	2	3	1	3	3
3	0	4	5	2	3	5
10	*1	12	20	15	6	20
17	2	25	28	15	19	34
6	*1	9	10	5	6	11
2	1	1	3	2	2	2
3	*2	4	2	3	2	3

*170 *59 *57 *54 *85 *84 *99

- 0. None; or Inap., R has not driven in the past month
- 1. 0-5 percent
- 2. 6-10 percent
- 3. 11-24 percent
- 4. 25-44 percent
- 5. 45-64 percent
- 6. 65-84 percent
- 7. 85-100 percent
- 9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	5
50.	0	0	6	14	0	0	16
70.	12	0	19	28	10	13	28
90.	35	0	40	46	35	40	46

V260 R162CC Total School Trips-% (R162G/R162V) MD=999

- 000. None; or Inap., R has not driven in the past month
- 999. DK, NA on 1 or more items

V261 R162DD Total School Trips %-8 (R162CC collapsed) MD=9

TS	10	11	12	M	F	DL
60	94	42	33	57	62	22
5	*1	7	8	6	4	10
4	0	9	4	4	4	7
13	3	20	19	15	12	25
13	2	15	24	10	15	24
4	0	6	6	6	2	7
2	0	*1	5	2	1	3
*1	0	*1	0	0	*1	*1

*170 *59 *57 *54 *85 *84 *99

- 0. None; or Inap., R has not driven in the past month
- 1. 0-5 percent
- 2. 6-10 percent
- 3. 11-24 percent
- 4. 25-44 percent
- 5. 45-64 percent
- 6. 65-84 percent
- 7. 85-100 percent
- 9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0
70.	0	0	5	14	0	0	13
90.	19	0	21	31	19	19	29

V262 R162EE Total Work Trips % (R162I/R162V) MD=999

- 000. None; or Inap., R has not driven in the past month
- 999. DK, NA on 1 or more items

V263 R163FF Total Work Trips %-8 (R162EE collapsed) MD=9

TS	10	11	12	M	F	DL
75	98	63	57	71	78	50
4	2	9	*1	5	3	7
4	*1	6	6	5	3	8
11	0	15	22	12	11	23
4	0	3	10	4	4	8
1	0	2	2	2	*2	1
1	0	1	3	1	1	2

*170 *59 *57 *54 *85 *84 *99

- 0. None; or Inap., R has not driven in the past month
- 1. 0-5 percent
- 2. 6-10 percent
- 3. 11-24 percent
- 4. 25-44 percent
- 5. 45-64 percent
- 6. 65-84 percent
- 9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	7
50.	0	0	9	10	0	0	13
70.	12	0	20	19	14	11	21
90.	29	7	33	32	33	27	33

V264 R162GG Total Visit Trips % (R162K/R162V) MD=999

- 000. None; or Inap., R has not driven in the past month
- 999. DK, NA on 1 or more items

V265 R162HH Total Visit Trips %-8 (R162GG collapsed) MD=9

TS	10	11	12	M	F	DL
58	90	40	35	55	61	24
2	0	1	7	2	3	5
8	2	13	10	9	7	15
18	4	25	28	18	17	33
11	3	16	17	13	10	20
3	2	3	3	3	3	3
*1	0	*1	0	0	*1	*1

*170 *59 *57 *54 *85 *84 *99

- 0. None; or Inap., R has not driven in the past month
- 1. 0-5 percent
- 2. 6-10 percent
- 3. 11-24 percent
- 4. 25-44 percent
- 5. 45-64 percent
- 7. 85-100 percent
- 9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	4
30.	0	0	7	7	0	0	14
50.	0	0	21	14	6	0	24
70.	22	0	34	26	23	22	35
90.	45	19	52	47	50	44	50

V266 R162II Total Business Trips % (R162M/R162V) MD=999

000. None; or Inap., R has not driven in the past month
 999. DK, NA on 1 or more items

V267 R162JJ Total Business Trips %-8 (R162II collapsed) MD=9

	TS	10	11	12	M	F	DL
	51	90	27	24	47	53	9
	1	0	3	2	3	*1	3
	5	0	5	13	7	4	11
	16	2	21	27	16	15	28
	17	4	27	22	15	19	33
	8	3	11	11	9	7	12
	2	*1	4	*1	2	3	3
	1	0	3	0	2	*1	2

0. None; or Inap., R has not driven in the past month
 1. 0-5 percent
 2. 6-10 percent
 3. 11-24 percent
 4. 25-44 percent
 5. 45-64 percent
 6. 65-84 percent
 7. 85-100 percent

*170 *59 *57 *54 *85 *84 *99

9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	2	0	0	7
50.	0	0	9	10	0	0	14
70.	13	0	17	17	14	11	20
90.	26	0	34	26	28	23	33

V268 R162KK Total Social Trips % (R162O/R162V) MD=999

000. None; or Inap., R has not driven in the past month
 999. DK, NA on 1 or more items

V269 R162LL Total Social Trips %-8 (R162KK collapsed) MD=9

	TS	10	11	12	M	F	DL
	56	91	38	27	54	58	17
	3	0	4	7	6	1	7
	8	*1	10	16	5	10	16
	22	4	30	38	22	22	42
	9	4	13	10	11	7	15
	1	0	3	*1	2	*1	2
	*2	0	*1	*1	*1	*1	*1
	*1	0	*1	0	0	*1	*1

0. None; or Inap., R has not driven in the past month
 1. 0-5 percent
 2. 6-10 percent
 3. 11-24 percent
 4. 25-44 percent
 5. 45-64 percent
 6. 65-84 percent
 7. 85-100 percent

*170 *59 *57 *54 *85 *84 *99

9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	2
70.	3	0	9	5	5	2	8
90.	23	30	23	15	26	20	21

V270 R162MM Total Just Trips % (R162Q/R162V) MD=999

000. None; or Inap., R has not driven in the past month
 999. DK, NA on 1 or more items

V271 R162NN Total Just Trips %-8 (R162MM collapsed) MD=9

	TS	10	11	12	M	F	DL
	66	85	53	55	63	68	46
	8	0	11	17	7	9	17
	7	*1	12	10	7	7	14
	10	3	16	11	12	8	16
	5	2	6	6	6	3	6
	2	4	1	*1	3	2	*1
	*2	*1	*1	0	0	*1	*1
	2	4	*1	0	2	1	0

0. None; or Inap., R has not driven in the past month
 1. 0-5 percent
 2. 6-10 percent
 3. 11-24 percent
 4. 25-44 percent
 5. 45-64 percent
 6. 65-84 percent
 7. 85-100 percent

*170 *59 *57 *54 *85 *84 *99

9. DK, NA on 1 or more items

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0
70.	0	0	0	0	0	0	0
90.	0	0	0	0	0	0	0

V272 R16200 Total Other Trips % (R162R/R162V)

MD=999

000. None; or Inap., R has not driven in the past month
 999. DK, NA on 1 or more items

V273 R162PP Total Other Trips %-8 (R16200 collapsed)

MD=9

	TS	10	11	12	M	F	DL
96	94	95	100	96	96	97	
*2	0	1	0	0	*2	1	
1	1	1	0	1	*2	1	
*2	0	1	0	0	*2	1	
*2	1	0	0	*1	*1	0	
2	4	*1	0	2	1	0	

0. None; or Inap., R has not driven in the past month
 1. 0-5 percent
 2. 6-10 percent
 3. 11-24 percent
 6. 65-84 percent
 7. 85-100 percent

*170 *59 *57 *54 *85 *84 *99

9. DK, NA on 1 or more items

V274 R163 Miles Past Month (QD7i. About how many miles do you think you yourself drove in the past four weeks?)

MD=9

	TS	10	11	12	M	F	DL
9	17	5	2	9	8	3	
8	9	8	5	7	9	7	
10	6	17	9	11	10	15	
12	6	15	18	11	13	19	
12	2	17	20	11	14	21	
12	2	17	18	14	10	22	
6	*1	5	14	10	3	11	
32	59	16	13	28	4	4	

1. Less than 10 miles
 2. 10-24 miles
 3. 25-49 miles
 4. 50-99 miles
 5. 100-199 miles
 6. 200-499 miles
 7. 500 or more miles
 0. Inap., R has not driven in the past month

*17 *5 *8 *4 *14 *13 *3

9. DK, NA

V275 R164 Total Tickets (QD8. Since you have been driving how many times have each of the following happened to you when you were driving, and how many of these times had you been drinking one or more alcoholic drinks, using some other drug, or both? (a) You were ticketed by the police (total number of times?)

MD=9

	TS	10	11	12	M	F	DL
93	98	97	81	91	95	87	
5	1	2	14	7	4	9	
1	*1	*1	2	1	*2	2	
*3	0	0	2	*1	*2	1	
*2	0	0	1	*2	0	*2	

0. None; or Inap., R has never driven
 1. One time
 2. Two times
 3. Three times
 5. Five times

*63 *35 *16 *12 *36 *27 *17

9. DK, NA

V276 R165 Tickets Alcohol Only (QD8a. You were ticketed by the police and were drinking only?)

MD=9

	TS	10	11	12	M	F	DL
99	99	99	98	99	99	98	
1	1	*1	2	1	1	2	

0. None; or Inap., R has never driven
 1. One time

*73 *37 *16 *20 *40 *32 *24

9. DK, NA

V277 R166 Tickets-Drug Only (QD8a. You were ticketed by the police, using other drug only.)

MD=9

	TS	10	11	12	M	F	DL
100	99	100	99	100	100	99	
*1	*1	0	*1	*1	*1	*2	

0. None; or Inap., R has never driven
 1. One time

*70 *37 *15 *18 *39 *31 *22

9. NA, DK

V278 R167 Tickets Drug/Alcohol (QD8a. You were ticketed by the police, drinking & using other drugs.)

MD=9

	TS	10	11	12	M	F	DL
99	100	100	97	99	100	99	
*3	0	0	2	1	0	1	
*1	0	0	*1	0	*1	*1	

0. None; or Inap., R has never driven
 1. One time
 2. Two times

*69 *37 *15 *17 *38 *31 *21

9. DK, NA

V279 R168 Total Warnings (QD8b. You were stopped & warned by the police (total number of times).) MD=9

TS	10	11	12	M	F	DL
91	96	94	79	89	92	86
6	2	3	13	5	6	8
1	*1	1	3	2	1	3
*5	0	2	1	2	*1	1
*1	*1	0	0	*1	0	0
*1	0	0	*1	*1	0	*1
*5	*1	0	3	2	*1	2
*61	*34	*15	*12	*34	*27	*16

- 0. None; or Inap., R has never driven
- 1. One time
- 2. Two times
- 3. Three times
- 4. Four times
- 5. Five times
- 8. Eight or more times (10,11,12,15,20)
- 9. DK, NA

V280 R169 Warning-Alcohol Only (QD8b. You were stopped & warned by the police, while drinking only.) MD=9

TS	10	11	12	M	F	DL
98	99	100	95	97	99	97
1	0	0	3	1	*1	1
*2	*1	0	*1	*2	0	*2
*1	0	0	*1	*1	0	*1
*1	0	0	*1	0	*1	*1
*71	*36	*16	*19	*39	*31	*23

- 0. None; or Inap., R has never driven
- 1. One time
- 2. Two times
- 3. Three times
- 5. Five times
- 9. DK, NA

V281 R170 Warning Drug Only (QD7b. You were stopped & warned by the police, while using other drugs only.) MD=9

TS	10	11	12	M	F	DL
99	100	99	99	99	99	99
*2	0	*1	*1	*1	*1	*1
*2	0	*1	*1	*1	*1	*2
*72	*37	*15	*20	*39	*33	*24

- 0. None; or Inap., R has never driven
- 1. One time
- 2. Two times
- 9. DK, NA

V282 R171 Warning Alcohol/Drug (QD7b. You were stopped & warned by the police, while drinking & using other drugs.) MD=9

TS	10	11	12	M	F	DL
99	99	99	98	98	99	99
*3	*1	*1	*1	*2	*1	*2
*2	0	0	1	*2	0	*2
*1	0	*1	0	0	*1	0
*70	*36	*15	*19	*38	*32	*23

- 0. None; or Inap., R has never driven
- 1. One time
- 2. Two times
- 3. Three times
- 9. DK, NA

V283 R172 Total Crashes (QD7c. You were in an accident (total number of times).)

TS	10	11	12	M	F	DL
91	98	90	82	89	92	84
7	1	10	11	9	6	12
*5	0	0	3	*2	1	2
1	*1	0	3	1	1	2
*1	0	0	*1	0	*1	*1
*62	*34	*15	*13	*35	*27	*17

- 0. None; or Inap., R has never driven
- 1. One accident
- 2. Two accidents
- 3. Three accidents
- 4. Four accidents
- 9. DK, NA

V284 R173 Crash Alcohol Only (QD7c. You were in an accident, while drinking only.) MD=9

TS	10	11	12	M	F	DL
99	99	100	97	99	99	99
*4	*1	0	2	*2	*2	1
*1	0	0	*1	0	*1	*1
*70	*36	*16	*18	*39	*30	*22

- 0. None; or Inap., R has never driven
- 1. One accident
- 3. Three accidents
- 9. DK, NA

V285 R174 Crash Drug Only (QD7c. You were in an accident, while using other drugs only.) MD=9

TS	10	11	12	M	F	DL
99	100	100	99	100	99	99
*1	0	0	*1	0	*1	*1
*69	*36	*15	*18	*39	*30	*22

- 0. None; or Inap., R has never driven
- 1. One accident
- 9. DK, NA

V286 R175 Crash Alcohol/Drug (QD7c. You were in an accident, while drinking & using other drugs.) MD=9

TS	10	11	12	M	F	DL
99	99	100	99	100	99	99
*2	0	0	1	*1	*1	*2
*1	*1	0	0	0	*1	0

- 0. None; or Inap., R has never driven
- 1. One accident
- 2. Two accidents

*71 *36 *16 *19 *41 *30 *24

9. DK, NA

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	1	0	0	0
70.	0	0	0	3	1	0	2
90.	5	0	3	30	14	3	10

V287 R176 Times DAD Any (QD9a. In the past year how many times in all would you say you have: (a) driven within an hour after drinking any amount of alcohol?) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 (150,125)
- 98. DK
- 99. NA
- 00. None; or Inap., R has never driven

V288 R176A Times DAD Any-7 (R176 collapsed) MD=9

TS	10	11	12	M	F	DL
73	91	75	48	69	77	57
6	3	7	8	5	6	8
5	1	7	8	5	5	8
5	2	6	9	6	5	8
3	*1	1	8	3	3	5
4	2	3	8	6	2	6
4	1	*1	12	7	2	7

- 0. None; or Inap., R has never driven
- 1. One time
- 2. Two times
- 3. Three-four times
- 4. Five-nine times
- 5. Ten - twenty-four times
- 6. Twenty-five - ninety-seven times

*42 *20 *10 *12 *28 *14 *11

9. DK, NA

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	0	0	0	0	0	0	0
70.	0	0	0	2	0	0	1
90.	4	0	2	30	10	2	10

V289 R177 Times DAD 2+ (QD9b. Driven within an hour after drinking two or more alcoholic drinks?) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 times
- 98. DK
- 99. NA
- 00. None; or Inap., R has never driven

V290 R177A Times DAD 2+-7 (R177 collapsed) MD=9

TS	10	11	12	M	F	DL
78	91	82	55	72	83	66
7	3	6	13	7	6	10
3	1	5	3	4	2	4
3	1	3	5	5	2	5
3	1	2	7	3	3	5
3	1	2	7	5	2	4
4	1	*1	11	5	2	6

- 0. None; or Inap., R has never driven
- 1. One time
- 2. Two times
- 3. Three-four times
- 4. Five-nine times
- 5. Ten - twenty-four times
- 6. Twenty-five - ninety-seven times

*44 *20 *12 *12 *27 *17 *12

9. DK, NA

V291 R178 Times Driven Drunk (QD9c. Driven after drinking too much for safe driving?) MD=98,99

TS	10	11	12	M	F	DL
89	97	93	72	84	93	81
4	1	4	7	5	3	7
2	*1	*1	6	3	2	3
*5	*1	*1	2	2	0	1
*2	0	0	1	*1	*1	*2
1	0	0	5	2	1	3
*2	0	0	1	0	2	*2
*1	0	*1	0	*1	0	*1
*3	*1	0	1	*2	*1	*2
*1	0	0	*1	*1	0	*1
*4	0	0	3	2	0	1
*1	*1	0	0	*1	0	0
*1	0	*1	0	*1	0	*1

- 00. None; or Inap., R has never driven
- 01. One time
- 02. Two times
- 03. Three times
- 04. Four times
- 05. Five times
- 06. Six times
- 08. Eight times
- 10. Ten times
- 15. Fifteen times
- 20. Twenty times
- 25. Twenty-five times
- 50. Fifty times

*46 *20 *14 *12 *29 *17 *13

99. NA

V292 R179 Times Taken Wheel (QD9d. Driven in place of driver who had drunk too much for safe driving?) MD=98,99

TS	10	11	12	M	F	DL
80	92	82	61	75	83	70
8	3	10	13	8	9	11
5	3	6	8	7	4	8
1	1	*1	3	3	*2	2
*2	0	0	1	0	*2	*2
2	0	1	5	3	1	3
*2	0	0	1	*1	*1	*2
1	0	*1	4	2	1	2
*3	*1	0	1	*2	*1	*2
*1	*1	0	0	*1	0	0
*1	0	0	*1	0	*1	*1
*1	0	0	*1	*1	0	*1
*1	0	*1	0	*1	0	*1
*1	0	0	*1	0	*1	*1
*44	*20	*12	*12	*27	*17	*12

- 00. None; or Inap., R has never driven
- 01. One time
- 02. Two times
- 03. Three times
- 04. Four times
- 05. Five times
- 06. Six times
- 10. Ten times
- 15. Fifteen times
- 20. Twenty times
- 25. Twenty-five times
- 30. Thirty times
- 50. Fifty times
- 97. More than 100 times
- 99. NA

V293 R180 Times Not Driven (QD9e. Not driven yourself because you had drunk too much for safe driving?) MD=98,99

TS	10	11	12	M	F	DL
86	93	91	71	82	90	79
3	1	4	6	4	3	6
3	*1	2	6	3	2	5
2	*1	*1	5	3	1	3
*4	*1	0	2	*2	*2	1
2	2	*1	3	3	*1	3
*1	0	0	*1	0	*1	*1
*1	0	0	*1	0	*1	*1
*1	0	0	*1	0	*1	*1
*5	*1	*1	2	2	*1	1
*4	*1	1	*1	1	*1	1
*1	*1	0	0	*1	0	0
*2	0	0	1	0	*2	*2
*1	0	0	1	*1	0	*1
*1	*1	0	0	0	*1	0
*1	*1	0	0	0	*1	0
*1	0	0	*1	*1	0	*1
*1	0	0	*1	*1	0	*1
*47	*21	*13	*13	*28	*19	*13

- 00. None; or Inap., R has never driven
- 01. One time
- 02. Two times
- 03. Three times
- 04. Four times
- 05. Five times
- 06. Six times
- 07. Seven times
- 08. Eight times
- 10. Ten times
- 15. Fifteen times
- 17. Seventeen times
- 20. Twenty times
- 25. Twenty-five times
- 30. Thirty times
- 40. Forty times
- 50. Fifty times
- 96. 96-100 times
- 99. NA

V294 R181 Other Way Home (QD9f. How did you get where you needed to go?) Responses=2 MD=9

TS	10	11	12	M	F	DL
84	92	88	70	81	87	77
8	6	5	14	10	6	10
11	7	7	20	14	9	15
8	3	6	18	9	8	13
*4	*1	0	2	*2	*2	1
*2	0	*1	*1	*2	0	*2
3	1	3	7	4	3	5
*3	1	0	*1	*2	*1	*1
*44	*21	*10	*13	*29	*15	*13

- 0. None; or no second or third response; or Inap., R has never driven
- 1. Walked
- 2. Rode in someone else's vehicle
- 3. Rode in own vehicle with someone else driving
- 4. Took a bus (3 additional responses not coded)
- 5. Took a taxi (6 additional responses not coded)
- 6. Waited until felt able to drive safely (5 additional responses not coded)
- 7. Other (snowmobile, bicycle, stayed the night, 2 entries not explained)
- 9. NA

V295 R182 Times DAD & Drug (QD9g. Driven after drinking alcohol & using some other drug.) MD=98,99

TS	10	11	12	M	F	DL
89	96	89	80	88	90	84
2	2	1	3	2	2	2
3	0	4	5	2	3	4
1	0	2	3	3	*2	*3
*1	*1	0	*1	*1	*1	*1
*3	*1	0	1	*1	*2	*2
*2	0	1	0	*2	0	*2
1	*1	*1	2	*1	1	1
*2	0	1	0	*1	*1	*1
*1	0	*1	0	*1	0	0
*1	0	*1	0	0	*1	*1
*1	0	0	*1	0	*1	*1
1	0	0	3	1	*2	2
*1	0	0	*1	*1	0	*1
*1	0	*1	0	*1	0	*1
*1	0	0	*1	*1	0	*1
*1	*1	0	0	0	*1	0
*62	*29	*15	*18	*43	*18	*22

- 00. None; or Inap., R has never driven
- 01. One time
- 02. Two times
- 03. Three times
- 04. Four times
- 05. Five times
- 06. Six times
- 10. Ten times
- 15. Fifteen times
- 20. Twenty times
- 25. Twenty-five times
- 30. Thirty times
- 50. Fifty times
- 70. Seventy times
- 90. Ninety times
- 97. More than 100 times (105)
- 98. DK
- 99. NA

V296 R183 Times DAD Drug Only (QD9h. Driven after using some other drug only?) MD=98,99

TS	10	11	12	M	F	DL
83	91	84	71	82	83	75
4	4	4	4	4	4	5
3	2	3	3	3	2	4
2	1	0	6	*2	3	3
*4	1	*1	1	0	1	*2
1	1	*1	2	2	*2	1
*4	0	*1	2	1	*1	1
*2	0	*1	*1	*1	*1	*2
1	*1	2	1	*2	1	1
*5	0	2	1	*1	1	1
*1	0	0	*1	*1	0	*1
*1	*1	0	0	*1	0	0
*3	0	*1	1	*1	*2	1
*4	0	1	1	*2	*2	1
*2	0	*1	*1	*1	*1	*2
*1	0	0	*1	*1	0	*1
*1	0	0	*1	*1	0	*1
1	0	1	3	2	*2	2
*2	*1	0	*1	0	*2	*1
*59	*29	*14	*16	*41	*18	*20

- 00. None; or Inap., R has never driven
- 01. One time
- 02. Two times
- 03. Three times
- 04. Four times
- 05. Five times
- 06. Six Times
- 07. Seven times
- 10. Ten times
- 15. Fifteen times
- 17. Seventeen times
- 20. Twenty times
- 25. Twenty-five times
- 30. Thirty times
- 50. Fifty times
- 80. Eighty times
- 96. 96-100 times
- 97. More than 100 (150,200(2 entries),300(2 entries))
- 98. DK
- 99. NA

Percentiles

	TS	10	11	12	M	F	DL
10.	0	0	0	0	0	0	0
30.	0	0	0	0	0	0	0
50.	1	1	1	2	2	1	1
70.	3	2	3	4	3	2	3
90.	10	10	8	12	10	8	10

V297 R184 Times Drunk Ride (QD10. In the past year how many times have you been a passenger in a car driven by someone you felt had been drinking too much for safe driving?) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 times
- 98. DK
- 99. NA

V298 R184A Times Drunk Ride-7 (R184 collapsed) MD=9

TS	10	11	12	M	F	DL
43	47	45	35	39	46	43
13	14	10	15	11	15	13
11	10	14	11	13	10	12
11	8	12	12	11	10	11
10	10	9	11	11	9	9
9	8	8	13	13	7	9
3	4	1	4	3	3	2
*23	*11	*4	*8	*14	*9	*7

- 0. None
- 1. One time
- 2. Two times
- 3. Three-four times
- 4. Five-nine times
- 5. Ten - twenty-four times
- 6. Twenty-five - ninety-seven times
- 9. DK, NA

Percentiles

	TS	10	11	12	M	F	DL
0.	0	0	0	0	0	0	0
10.	0	0	0	0	0	0	0
20.	0	0	0	0	0	0	0
30.	0	0	0	1	0	1	0
40.	5	5	5	3	4	5	4

V299 R185 Times Refused Ride (QD11. In the past year how many times have you turned down a ride because you felt the driver had been drinking too much for safe driving?) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times
- 97. More than 100 times (100(2 entries), a lot of times)
- 98. DK
- 99. NA

	TS	10	11	12	M	F	DL
	71	71	73	70	73	69	74
	8	8	6	8	5	9	7
	5	4	5	8	5	6	5
	6	5	5	7	7	5	5
	5	5	6	3	3	6	4
	5	6	5	3	5	4	4
	1	1	0	2	2	*1	1
	*24	*9	*6	*9	*15	*9	*9

V300 R185A Times Refused Ride-7 (R185 collapsed) MD=9

- 0. None
- 1. One time
- 2. Two times
- 3. Three-four times
- 4. Five-nine times
- 5. Ten - twenty-four times
- 6. Twenty-five - ninety-seven times
- 9. DK, NA

Percentiles

	TS	10	11	12	M	F	DL
10.	30	38	25	29	30	40	27
30.	65	74	60	65	64	65	60
50.	100	101	100	100	100	100	100
70.	250	200	250	265	200	300	300
90.	1000	755	500	813	615	1000	1000

V301 R186 County Fatalities (QE1. About how many persons would you say were killed last year in traffic accidents in Washtenaw County? (number of persons)) MD=9998,9999

ACTUAL NUMBER CODED

- 9996. 9996-10,000 persons
- 9997. More than 10,000 persons (10,000(3 entries),14,000, 50,000(6 entries), 75,000, 100,000, a lot (3 entries))
- 9998. DK
- 9999. NA

	TS	10	11	12	M	F	DL
	*2	0	1	0	*1	*1	*1
	*4	*1	1	*1	*2	*1	*2
	14	13	13	15	15	13	15
	15	15	15	14	14	15	15
	6	4	9	5	7	6	8
	22	25	18	22	22	21	18
	27	29	22	29	27	26	25
	10	8	12	8	8	11	11
	7	5	8	6	6	7	7
	*48	*20	*7	*21	*20	*28	*24

V302 R186A County Fatalities-8 (R186 collapsed) MD=9

- 0. None
- 1. One-nine persons
- 2. Ten - forty-nine persons
- 3. Fifty - sixty-nine persons
- 4. Seventy- ninety-nine persons
- 5. One hundred - one-hundred & ninety-nine persons
- 6. Two hundred - nine-hundred & ninety-nine persons
- 7. One thousand or more persons
- 8. DK
- 9. NA

Percentiles

	TS	10	11	12	M	F	DL
10.	20	20	19	20	20	20	20
30.	45	45	45	42	50	40	40
50.	50	50	50	50	50	50	50
70.	60	65	60	60	61	60	60
90.	75	76	75	75	75	79	75

V303 R187 Alcohol Fatalities (QE2. Out of every 100 traffic accidents in which someone is killed, how many would you guess involve a driver who has been drinking?) MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 percent
- 98. DK
- 99. NA

	TS	10	11	12	M	F	DL
	*1	0	*1	0	0	*1	*1
	8	8	9	7	7	9	9
	13	15	9	15	11	15	11
	11	7	14	11	11	10	12
	25	23	25	25	23	25	25
	18	18	16	20	21	15	19
	19	20	20	17	20	19	19
	6	7	5	4	5	6	4
	*5	*1	1	*1	2	0	*2
	*17	*6	*2	*9	*11	*6	*7

V304 R187A Alcohol Fatalities %-8 (R187 collapsed) MD=9

- 0. Zero percent
- 1. One-nineteen percent
- 2. Twenty - thirty-four percent
- 3. Thirty-five - forty-nine percent
- 4. Fifty percent
- 5. Fifty-one - sixty-five percent
- 6. Sixty-six - eighty percent
- 7. Eighty-one - ninety-seven percent
- 8. DK
- 9. NA

V305 R188 Social/Problem Drinker (QE3. Would you guess that more alcohol-related fatal accidents are caused by the many social drinkers who occasionally drink too much, or by the smaller number of problem drinkers who frequently drink a great deal?) MD=9

TS	10	11	12	M	F	DL
58	45	68	63	55	60	66
41	54	31	37	43	40	34
*2	*1	*1	0	*2	0	0
*1	0	0	*1	*1	0	*1
*18	*8	*4	*6	*11	*6	*9

1. More caused by social drinkers
2. More caused by problem drinkers
3. Neither, both the same
8. DK
9. NA

Additional Comment:

But who can say they aren't the way you're looking at it.

V306 R189 Know DD Crash (QE4. Have you personally known anyone (a friend, relative or yourself) who was in a traffic accident which involved a drinking driver? QE4a. (For the most serious accident you remember) was anyone killed or seriously injured? QE4b. Who was this person?) MD=9

TS	10	11	12	M	F	DL
*1	*1	0	0	*1	0	0
3	3	2	3	1	4	2
4	3	5	4	4	4	5
15	10	15	23	16	15	18
19	17	22	18	18	19	20
58	64	55	52	58	57	55
*3	*2	0	*1	*1	*2	*2
*3	*2	*1	0	*2	*1	0
*19	*6	*7	*6	*9	*10	*8

1. Yes, respondent was seriously injured (one additional response not coded)
2. Yes, family member was killed or injured
3. Yes, a relative was killed or injured (3 additional responses not coded)
4. Yes, a friend was killed or injured (6 additional responses not coded)
5. Yes, but no one was seriously killed or injured
6. No, doesn't know anyone
7. Yes, know someone in a serious accident but NA who
8. Yes, know someone in an accident but NA whether serious
9. NA (whole question)

V307 R192 Number of Safe Drinks (QE5. Suppose that a person of your age and weight is drinking for a one-hour period before driving, with no recent food intake. What do you think is his safe drinking before driving limit? That is, under normal conditions, what is the most that he can drink before driving without increasing his chance of having an accident (number of drinks)?) MD=99

TS	10	11	12	M	F	DL
7	7	6	8	8	6	6
29	26	33	28	22	35	31
26	24	27	27	28	24	30
22	24	20	23	23	22	19
6	6	4	8	6	6	6
5	7	5	2	6	4	3
3	2	3	3	4	1	2
1	3	*1	0	1	1	0
*1	0	*1	0	*1	0	*1
*2	*1	0	*1	0	*2	*1
*2	*2	0	0	0	*2	
*30	*9	*12	*9	*15	*14	*11

00. None
01. One drink
02. Two drinks
03. Three drinks
04. Four drinks
05. Five drinks
06. Six drinks
07. Seven drinks
08. Eight drinks
09. Nine drinks
98. DK
99. NA

Percentiles

	TS	10	11	12	M	F	DL
10.	2	2	2	2	2	2	2
30.	3	3	3	3	3	3	3
50.	5	5	5	5	5	5	5
70.	10	10	10	10	10	10	10
90.	60	50	82	60	75	50	76

V308 R193 Accident 6 drinks (QE5a. If he has 6 drinks how many times more likely do you think he is to have an accident than if he had not been drinking?) MD=98,99

ACTUAL NUMBER CODED

96. 96-100 times
97. More than 100 times (150,200 (2 entries),500,600, 1,000 (2 entries), 1 out of 6, 5 out of 10, 2/3 times more likely, 3 out of 4, 9 out of 10, an uncountable number of times more, would have an accident, depends on how he normally drives)
98. DK
99. NA

V309 R193A Accident 6 Drinks-9 (R193 collapsed)

MD=9

TS	10	11	12	M	F	DL
6	7	6	5	6	6	6
21	21	19	22	18	23	19
25	25	26	24	27	23	25
27	26	28	28	26	28	28
4	6	3	4	6	3	4
5	6	6	5	4	7	5
7	6	8	9	9	6	8
4	3	5	3	4	3	5
*3	*2	0	*1	0	1	*1
*37	*9	*12	*16	*18	*18	*19

- 0. 0-1 times more likely
- 1. 2 times more likely
- 2. 3-5 times more likely
- 3. 6-10 times more likely
- 4. 11-25 times more likely
- 5. 26-50 times more likely
- 6. 51-96 times more likely
- 7. More than 96 times more likely
- 8. DK
- 9. NA

Percentiles

	TS	10	11	12	M	F	DL
10.	2	2	2	2	2	2	2
30.	5	5	5	5	6	5	6
50.	9	9	9	9	10	9	9
70.	19	18	20	20	20	18	20
90.	96	96	96	96	96	96	96

V310 R194 Accident 9 Drinks (QE5b. How about if he has 9 drinks?)

MD=98,99

ACTUAL NUMBER CODED

- 96. 96-100 times more likely
- 97. More than 100 times more likely (150 (2 entries), 200, 300 (4 entries), 500 (2 entries), 512, 600, 900 (2 entries), 1,000 (7 entries), 10,000 (2 entries), 1,000,000, a lot (2 entries), 50/50 (2 entries), 1 out of 9, 3/4 times more likely, 9 times out of ten, an uncountable number of times more, would have an accident (2 entries), he could not drive (2 entries))
- 98. DK
- 99. NA

V311 R194A Accident 9 Drinks (R194 collapsed)

MD=9

TS	10	11	12	M	F	DL
2	2	3	2	2	2	2
10	10	11	8	9	10	9
20	21	18	20	16	23	18
30	31	30	28	30	29	29
13	10	13	17	13	13	15
5	7	3	5	7	4	4
12	9	14	13	13	11	12
8	7	9	7	9	7	9
*5	2	0	*1	*1	1	*1
*56	*18	*19	*19	*24	*31	*27

- 0. 0-1 times more likely
- 1. 2 times more likely
- 2. 3-5 times more likely
- 3. 6-10 times more likely
- 4. 11-25 times more likely
- 5. 26-50 times more likely
- 6. 51-96 times more likely
- 7. More than 96 times
- 8. DK
- 9. NA

V312 R195 Number of Impaired Drinks (QE5c. What do you think is his legal drinking before driving limit; that is, what is the most he can drink before driving without being considered impaired under Michigan law?)

MD=99

TS	10	11	12	M	F	DL
4	5	3	3	4	3	2
24	19	27	28	22	26	29
25	24	24	28	22	27	27
24	25	27	20	27	22	24
12	16	10	11	12	13	10
4	4	2	5	3	5	2
3	3	4	3	5	2	3
*3	0	1	*1	*2	*1	1
*4	1	*1	*1	1	*1	*1
*2	*1	*1	0	*2	*1	*1
*4	*1	*1	1	1	*1	*1
*2	*1	*1	0	*2	0	*1
*1	*1	0	0	*1	0	0
*6	*3	0	*3	*1	*5	*3
*43	*16	*14	*13	*18	*24	*19

- 00. None
- 01. One drink
- 02. Two drinks
- 03. Three drinks
- 04. Four drinks
- 05. Five drinks
- 06. Six drinks
- 07. Seven drinks
- 08. Eight drinks
- 09. Nine drinks
- 10. Ten drinks
- 12. Twelve drinks
- 14. Fourteen drinks
- 98. DK
- 99. NA

Additional Comment:
Depends on the person.

V313 R196 Number of DUIL Drinks (QD7d. And what do you think is the most he can drink without being considered under the influence by the law?) MD-99

TS	10	11	12	M	F	DL
5	7	2	5	4	6	3
17	16	16	18	13	19	18
19	16	22	21	18	21	22
23	22	23	25	23	23	25
13	12	13	15	15	11	12
12	11	14	11	14	11	12
5	8	2	3	6	4	2
2	3	2	1	2	3	2
2	1	3	*1	2	1	1
*4	*1	1	*1	*2	*2	*2
*3	*1	1	0	*2	*1	*2
*1	*1	0	0	*1	0	0
*1	*1	0	0	0	*1	0
*2	*1	0	*1	*2	0	2
*1	0	*1	0	*1	0	0
*7	*4	*1	*2	*1	*6	*3
*50	*16	*18	*16	*23	*26	*21

- 00. None
- 01. One drink
- 02. Two drinks
- 03. Three drinks
- 04. Four drinks
- 05. Five drinks
- 06. Six drinks
- 07. Seven drinks
- 08. Eight drinks
- 09. Nine drinks
- 10. Ten drinks
- 11. Eleven drinks
- 12. Twelve drinks
- 15. Fifteen drinks
- 20. Twenty drinks
- 98. DK

99. NA

V314 R195A Safe/Impaired Ratio (R192/R195 collapsed) MD-9

TS	10	11	12	M	F	DL
20	22	19	20	22	19	19
25	28	26	19	25	25	23
30	26	31	32	25	34	33
3	3	3	2	4	2	3
7	7	7	7	8	7	5
9	9	7	11	10	9	10
5	4	5	7	6	5	7
*2	0	1	0	*2	0	*1
*57	*21	*18	*18	*22	*34	*26

- 0. 0.000-0.499
- 1. 0.500-0.999
- 2. 1.0 exactly
- 3. 1.000-1.499
- 4. 1.500-1.999
- 5. 2.000-2.999
- 6. 3.000-9.999
- 7. 10.000-99.998

9. DK, NA on V192 or V195

V315 R196A Safe/DUIL Ratio (R192/R196 collapsed) MD-9

TS	10	11	12	M	F	DL
32	32	34	29	31	33	31
29	31	26	29	29	28	28
21	20	22	20	21	20	23
2	2	3	*1	3	1	*1
5	5	5	5	5	5	5
8	5	7	12	6	9	10
4	5	2	5	5	4	3
*2	0	1	0	*2	0	*1
*66	*23	*23	*20	*28	*37	*28

- 0. 0.000-0.499
- 1. 0.500-0.999
- 2. 1.0 exactly
- 3. 1.000-1.499
- 4. 1.500-1.999
- 5. 2.000-2.999
- 6. 3.000-9.999
- 7. 10.000-99.998

9. DK, NA on V192 or V196

V316 R196B Impaired/DUIL Ratio (R195/R196 collapsed) MD-9

TS	10	11	12	M	F	DL
17	21	16	14	16	19	14
37	33	37	40	41	33	40
24	22	26	24	22	26	26
5	5	5	4	6	4	3
7	8	5	7	5	8	5
8	6	10	9	7	9	11
3	5	1	2	4	2	1
*65	*25	*20	*20	*27	*37	*27

- 0. 0.000-0.499
- 1. 0.500-0.999
- 2. 1.0 exactly
- 3. 1.000-1.499
- 4. 1.500-1.999
- 5. 2.000-2.999
- 6. 3.000-9.999

9. DK or NA on V195 or V196

V317 R192A Perceived/Real Safe Ratio (R192 divided by the number of drinks which would get a person of R's weight to .05% BAC, collapsed) MD=9

TS	10	11	12	M	F	DL
7	7	6	8	8	6	6
10	6	11	11	12	7	12
21	21	23	18	14	27	22
15	11	17	17	22	9	19
15	15	16	13	15	15	13
13	15	11	13	13	13	12
12	13	11	13	9	15	12
7	13	5	4	6	9	3
*3	0	1	*1	*2	*1	*2
*39	*15	*13	*11	*16	*22	*14

- 0. 0.000-0.080
- 1. 0.080-0.390
- 2. 0.390-0.600
- 3. 0.600-0.890
- 4. 0.890-1.100
- 5. 1.100-1.390
- 6. 1.390-1.990
- 7. 1.990-4.990
- 8. 4.990-99.990

9. DK, NA on V192 or V196

V318 R195B Perceived/Real Impaired Ratio (R195 divided by the number of drinks which would get a person of R's weight to .07 BAC, collapsed) MD=9

TS	10	11	12	M	F	DL
4	5	3	3	4	3	2
22	15	26	27	22	23	27
13	13	11	14	17	8	13
25	25	27	23	23	27	26
10	10	10	10	11	10	10
11	14	12	7	11	12	10
10	13	7	9	6	12	7
5	5	4	5	4	5	.4
*1	*1	0	0	0	0	0
*56	*23	*15	*18	*20	*35	*25

- 0. 0.000-0.080
- 1. 0.080-0.390
- 2. 0.390-0.600
- 3. 0.600-0.890
- 4. 0.890-1.100
- 5. 1.100-1.390
- 6. 1.390-1.990
- 7. 1.990-4.990
- 8. 4.990-99.900

9. DK, NA on V195 or V196

V319 R196B Perceived/Real DUI Ratio (R196 divided by the number of drinks which would get a person of R's weight to 1.0 BAC, collapsed) MD=9

TS	10	11	12	M	F	DL
5	7	2	5	4	6	3
18	16	18	20	17	19	20
16	14	16	18	19	13	18
26	24	27	27	27	25	27
11	9	14	10	11	11	11
11	13	11	10	11	11	10
9	9	8	9	7	10	9
5	8	4	1	4	6	2
*1	*1	0	0	0	*1	0
*64	*24	*20	*20	*25	*38	*27

- 0. 0.000-0.080
- 1. 0.080-0.390
- 2. 0.390-0.600
- 3. 0.600-0.890
- 4. 0.890-1.100
- 5. 1.100-1.390
- 6. 1.390-1.990
- 7. 1.990-4.990
- 8. 4.990-99.900

9. DK, NA on V196 or V6

V320 R193A Perceived/Real Accident 6 Drinks Ratio (R193 divided by the estimated real risk for a person of R's weight, based on the Borkenstein Study) MD=9

TS	10	11	12	M	F	DL
10	13	7	11	5	15	9
49	52	48	47	42	56	47
11	11	10	13	14	9	11
6	4	9	6	11	2	8
2	2	2	3	2	2	2
2	3	2	2	4	1	2
3	4	3	3	4	3	4
9	8	12	5	7	10	9
7	3	7	10	11	2	9
*47	*15	*13	*19	*19	*27	*23

- 0. 0.000-0.080
- 1. 0.080-0.390
- 2. 0.390-0.600
- 3. 0.600-0.890
- 4. 0.890-1.100
- 5. 1.100-1.390
- 6. 1.390-1.990
- 7. 1.990-4.990
- 8. 4.990-99.900

9. DK, NA on V193 or V6

V321 R194A Perceived/Real Accident 9 Drinks Ratio (R194 divided by the estimated real risk for a person of R's weight, based on the Borkenstein Study) MD=9

TS	10	11	12	M	F	DL
31	35	30	28	23	39	28
39	39	40	40	41	38	39
6	7	3	8	8	4	7
4	3	3	5	2	5	4
10	12	12	7	9	12	11
3	3	5	1	5	2	3
3	0	4	4	5	*2	4
3	1	3	5	6	*1	4
*3	*1	0	1	1	0	*2

0. 0.000-0.080
1. 0.080-0.390
2. 0.390-0.600
3. 0.600-0.890
4. 0.890-1.100
5. 1.100-1.390
6. 1.390-1.990
7. 1.990-4.990
8. 4.990-99.900

*68 *26 *20 *22 *26 *41 *32

9. DK, NA on V194 or V6

Percentiles

	TS	10	11	12	M	F	DL
10.	.05	.07	.05	.05	.05	.05	.05
30.	.50	.99	.15	.15	.32	.70	.15
50.	250	500	150	200	150	300	150
70.	900	200	680	700	700	1000	600
90.	200	400	200	220	200	300	500

V322 R197 Impaired BAC (QE6. The amount of alcohol in the blood is measured as a percent of the blood volume. What do you think is the lowest percent of blood alcohol concentration (BAC) at which a driver is considered impaired under Michigan law?) MD=9998,9999

ACTUAL NUMBER CODED

9996. 99.96-100.00 percent
 9998. DK
 9999. NA (under 50%, 00.005)

Additional Comment:

The legal BAC levels should be lowered to .05 & .10.

TS	10	11	12	M	F	DL
2	3	3	*1	3	2	1
7	8	4	8	8	6	6
6	3	9	8	7	5	9
12	11	13	13	13	10	13
44	50	41	41	44	45	40
11	6	12	15	11	11	14
11	10	13	11	11	11	11
7	10	6	3	4	10	5

V323 R197A Correct Impaired BAC-8 (R197 collapsed) MD=9

1. Exactly correct (.07 or .08)
2. Correct but no or misplaced decimal (.7,.8,.7,8)
3. Nearly correct (.05-.06,.09)
4. Nearly correct but no or misplaced decimal (.5-.69,.81-.99, 5-6.99,8.01-9.99)
5. Not nearly correct (.00-.04,.11-.14,.16-.49,1.00-4.99,10.01-14.99,15.01-99.99)
6. Correct for past or present DUIL (.10,.15)
7. Correct for past or present DUIL but no decimal (10,15)
8. DK

*82 *32 *26 *24 *29 *53 *40

9. NA

Percentiles

	TS	10	11	12	M	F	DL
10.	.07	.08	.07	.05	.08	.06	
30.	.50	1.0	.15	.22	.29	.60	
50.	300	5.0	1.5	1.75	1.5	4.5	
70.	100	180	9.7	100	100	110	
90.	265	450	168	200	200	345	

V324 R198 DUIL BAC (QE6a. And what do you think is the lowest percent of blood alcohol concentration (BAC) at which a driver is considered to be "under the influence" by the law?) MD=9998,9999

ACTUAL NUMBER CODED

9998. DK
 9999. NA

TS	10	11	12	M	F	DL
8	5	12	8	9	8	9
8	8	8	7	7	8	7
7	6	6	11	7	7	9
12	10	13	13	11	12	12
49	57	42	45	52	46	47
4	2	6	5	6	3	5
5	2	7	6	5	4	5
8	10	6	6	3	12	7

V325 R198A Correct DUIL BAC-8 (R198 collapsed) MD=9

01. Exactly correct (.10)
02. Correct but no or misplaced decimal (1.0,10)
03. Nearly correct (.05-.09,.11-.14)
04. Nearly correct but no or misplaced decimal (5.0-9.0, 10.0-14.0)
05. Not nearly correct (.00-.04,.16-.49,15.0-99.97)
06. Correct for past DUIL (.15)
07. Correct for past DUIL but no or misplaced decimal (15.0,1.5)
08. DK

*84 *35 *25 *24 *29 *55 *40

09. NA

V326 R199 Can Test DUI (QE7. As you may know the police generally use a breathalyzer instrument for testing the amount of alcohol in a person's body. Under which of the following conditions do you think the police are legally empowered to request that a driver take such a test? (a) When a driver is arrested for drunk driving?) MD=9

TS	10	11	12	M	F	DL
90	90	90	91	88	93	93
7	7	7	7	8	7	5
3	3	3	3	5	1	2
*11	*4	*3	*4	*9	*2	*5

- 1. Yes (answer checked)
- 5. No (answer not checked but other answers checked, not including "none of the above")
- 7. None of the above is checked
- 9. NA (whole question)

V327 R200 Can Test Random (QE7b. When a driver is stopped in a random road check?) MD=9

TS	10	11	12	M	F	DL
26	21	30	27	29	23	29
72	76	67	71	66	77	67
3	3	3	3	5	1	2
*11	*4	*3	*4	*9	*2	*5

- 1. Yes, answer checked
- 5. No (answer not checked but other answers checked, not including "none of the above")
- 7. None of the above is checked
- 9. NA (whole question)

V328 R201 Can Test in Seat (QE7c. When an apparently drunk person is seen getting into a driver's seat?) MD=9

TS	10	11	12	M	F	DL
57	57	58	58	62	54	59
40	41	40	39	34	45	39
3	3	3	3	5	1	2
*11	*4	*3	*4	*9	*2	*5

- 1. Yes, answer checked
- 5. No (answer not checked but other answers checked, not including "none of the above")
- 7. None of the above is checked
- 9. NA (whole question)

V329 R202 Can Test in Crash (QE7d. When a person who appears to have been drinking is involved in a highway crash?) MD=9

TS	10	11	12	M	F	DL
84	81	86	83	80	87	86
14	16	11	14	16	12	12
3	3	3	3	5	1	2
*11	*4	*3	*4	*9	*2	*5

- 1. Yes, answer checked
- 5. No (answer not checked, but other answers checked, not including "none of the above")
- 7. None of the above is checked
- 9. NA (whole question)

V330 R202A Breath Test Now-4 (combination of R199-R202) MD=99
 The police can test: (a) when a driver is arrested for drunk driving (DUIL); (b) when a driver is stopped in a random road check (RANDOM); (c) when an apparently drunk person is seen getting into a driver's seat (DRUNK SEAT); (d) when a person who appears to have been drinking is involved in a highway crash (CRASH).

TS	10	11	12	M	F	DL
7	9	5	7	8	7	7
2	1	3	3	3	1	3
*1	0	0	*1	*1	0	*1
1	2	1	0	1	1	*1
2	1	2	2	1	2	1
*2	0	0	1	*1	*1	*2
*4	1	0	*1	*2	*2	*1
2	2	3	3	2	3	1
22	23	20	22	15	27	22
*1	*1	0	0	0	*1	0
6	4	9	5	5	7	7
*1	*1	0	0	0	*1	0
37	37	36	37	38	36	37
*2	*1	0	*1	1	*1	0
16	13	19	17	20	13	19
*2	*1	*1	0	*2	0	0
3	3	3	3	5	1	2
*11	*4	*3	*4	*9	*2	*5

- 01. a only (DUIL)
- 02. b only (RANDOM)
- 03. a&b (DUIL & RANDOM)
- 04. c only (DRUNK SEAT)
- 05. a&c (DUIL & DRUNK SEAT)
- 06. b&c (RANDOM & DRUNK SEAT)
- 07. a&b&c (DUIL, RANDOM & DRUNK SEAT)
- 08. d only (CRASH)
- 09. a&d (DUIL & CRASH)
- 10. b&d (RANDOM & CRASH)
- 11. a&b&c (DUIL, RANDOM & CRASH)
- 12. c&d (DRUNK SEAT & CRASH)
- 13. a&c&d (DUIL, DRUNK SEAT & CRASH)
- 14. b&c&d (RANDOM, DRUNK SEAT & CRASH)
- 15. a&b&c&d (DUIL, RANDOM, DRUNK SEAT & CRASH)
- 20. None of the above (coded 5 on R199-R202)
- 00. None of the above (coded 7 on R199-R202)
- 99. NA (whole question)

V331 R203 Should Test DUII (QE8. Regardless of your answers above (QE7), when do you think the police should be empowered to request that a driver take an alcohol test? (a) when a driver is arrested for drunk driving?) MD=9

TS	10	11	12	M	F	DL
91	92	91	91	88	94	92
8	8	7	8	11	5	7
1	*1	1	1	1	1	1
*13	*5	*4	*4	*10	*3	*6

- 1. Yes, answer checked
- 5. No (answer not checked, but other answers checked, not including "none of the above")
- 7. None of the above is checked
- 9. NA (whole question)

V332 R204 Should Test Random (QE8b. When a driver is stopped in a random road check?) MD=9

TS	10	11	12	M	F	DL
25	24	26	26	29	22	29
73	75	72	72	69	77	70
1	*1	1	1	1	1	1
*13	*5	*4	*4	*10	*3	*6

- 1. Yes, answer checked
- 5. No (answer not checked, but other answers checked, not including none of the above")
- 7. None of the above is checked
- 9. NA (whole question)

V333 R205 Should Test in Seat (QE8c. When an apparently drunk person is seen getting into a driver's seat?) MD=9

TS	10	11	12	M	F	DL
65	67	63	66	67	64	68
34	33	35	33	31	35	31
1	*1	1	1	1	1	1
*13	*5	*4	*4	*10	*3	*6

- 1. Yes, answer checked
- 5. No (answer not checked, but other answers checked, not including "none of the above")
- 7. None of the above is checked
- 9. NA (whole question)

V334 R206 Should Test in Crash (QE8d. When a person who appears to have been drinking is involved in a highway crash?) MD=9

TS	10	11	12	M	F	DL
83	83	81	86	80	86	86
16	17	18	13	19	13	13
1	*1	1	1	1	1	1

- 1. Yes, answer checked
- 5. No (answer not checked, but other answers checked, not including "none of the above")
- 7. None of the above is checked

V335 R206A Breath Test Should-4 (Combination of R203-R206) MD=99
 The police should test: (a) when a driver is arrested for drunk driving (DUIL); (b) when a driver is stopped in a random road check (RANDOM); (c) when an apparently drunk person is seen getting into a driver's seat (DRUNK SEAT); (d) when a person who appears to have been drinking is involved in a highway crash (CRASH); (e) Other.

TS	10	11	12	M	F	DL
8	9	8	7	8	7	6
2	2	1	3	3	1	2
*1	*1	0	0	*1	0	0
1	2	1	*1	1	1	1
2	2	3	*1	2	2	1
*1	0	*1	0	*1	0	0
*3	*2	*1	0	*2	*1	0
1	1	1	1	2	*2	1
17	17	17	17	14	20	16
*1	0	0	*1	0	*1	*1
3	2	4	2	1	4	3
*3	*2	0	*1	*2	1	*1
41	42	39	43	38	43	42
*1	*1	0	0	*1	0	0
20	18	19	21	23	16	23
2	*2	3	3	3	2	2
1	*1	1	1	1	1	1
*13	*5	*4	*4	*10	*3	*6

- 01. a only (DUIL)
- 02. b only (RANDOM)
- 03. a&b (DUIL & RANDOM)
- 04. c (DRUNK SEAT)
- 05. a&c (DUIL & DRUNK SEAT)
- 06. b&c (RANDOM & DRUNK SEAT)
- 07. a&b&c (DUIL & RANDOM & DRUNK SEAT)
- 08. d (CRASH)
- 09. a&d (DUIL & CRASH)
- 10. b&d (RANDOM & CRASH)
- 11. a&b&d (DUIL & RANDOM & CRASH)
- 12. c&d (DRUNK SEAT & CRASH)
- 13. a&c&d (DUIL & DRUNK SEAT & CRASH)
- 14. b&c&d (RANDOM & DRUNK SEAT & CRASH)
- 15. a&b&c&d (DUIL, RANDOM, DRUNK SEAT & CRASH)
- 20. e only (OTHER)
- 00. Not even e (none of the above)
- 99. NA (whole question)

V336 R207 Should Test Other (QE8e. Other (explain?)) MD=9

TS	10	11	12	M	F	DL
9	8	11	10	12	7	11

1. Yes, answer checked
 - (A) When a person drives recklessly or irrationally (e.g., weaving down the road, negligent driving) - 12 entries.
 - (B) Whenever the police have a suspicion that a driver is drunk or has been drinking - 10 entries.
 - (C) Anytime, whenever they want to, all conditions - 10 entries.
 - (D) Anytime the police feel it is necessary or have a reason to believe it is necessary - 5 entries.
 - (E) At parties & bars.
 - (F) At police officer's discretion, within limits.
 - (G) Anyone walking down the street looking like he is heading towards a car or other vehicle.
 - (H) Only when the person himself or herself agrees to it.
 - (I) At any crash.
 - (J) When alcoholic beverages are in the car.
 - (K) Whenever it can affect others.
 - (L) If somebody narcs on him.
 - (M) When the police know for sure that he is drunk.
5. No (answer not checked, but other answers checked, not including "none of the above")
7. None of the above checked
9. NA (whole question)

89	92	87	89	87	92	88
1	*1	1	1	1	1	1
*13	*5	*4	*4	*10	*3	*6

V337 R208 Refusal Take Car (QE9. What do you think are the consequences of a person's refusing to take a breath test when arrested for drunk driving? (a) Having his car taken by the police?) MD=9

TS	10	11	12	M	F	DL
20	15	22	24	23	17	24
66	67	68	63	64	67	66

1. Yes, answer checked
5. No (answer not checked, but other answers are checked, not including "none of the above")
7. None of the above--there is no penalty for refusing to take the test
9. NA (whole question)

14	19	10	13	13	15	10
*13	*4	*3	*6	*10	*3	*7

Additional Comments:

I think if a person refuses there must be another way of punishing him other than jail or fine, etc.

V338 R209 Refusal Insurance Rates (QE9b. Paying increased insurance rates?) MD=9

TS	10	11	12	M	F	DL
16	13	15	20	20	12	19
70	68	75	67	67	72	71

1. Yes, answer checked
5. No (answer not checked, but other answers checked, not including "none of the above")
7. None of the above - there is no penalty for refusing to take the test
9. NA (whole question)

14	19	10	13	13	15	10
*13	*4	*3	*6	*10	*3	*7

V339 R210 Refusal License (QE9c. Having his driver's license suspended?) MD=9

TS	10	11	12	M	F	DL
60	54	66	63	60	61	67
25	27	24	24	27	24	23

1. Yes, answer checked
5. No (answer not checked, but other answers checked, not including "none of the above")
7. None of the above - there is no penalty for refusing to take the test
9. NA (whole question)

14	19	10	13	13	15	10
*13	*4	*3	*6	*10	*3	*7

V340 R211 Refusal Fine (QE9d. Paying a fine?) MD=9

TS	10	11	12	M	F	DL
50	50	50	49	47	53	52
36	31	40	38	41	32	38
1	14	19	10	13	15	10
*13	*4	*3	*6	*10	*3	*7

1. Yes, answer checked
5. No (answer not checked, but other answers checked, not including "none of the above")
7. None of the above - there is no penalty for refusing to take the test
9. NA (whole question)

V341 R212 Refusal-Jail (QE9e. Going to jail?) MD=9

TS	10	11	12	M	F	DL
45	43	45	47	46	45	46
41	38	45	40	42	40	44
14	19	10	13	13	15	10
*13	*4	*3	*6	*10	*13	*7

1. Yes, answer checked
5. No (answer not checked, but other answers checked, not including "none of the above")
7. None of the above - there is no penalty for refusing to take the test
9. NA (whole question)

V342 R212A Correct Refusal Penalty (Combination R208;R209,R211,R212 & R210) MD=9

TS	10	11	12	M	F	DL
15	11	19	15	17	13	17
15	14	17	13	11	17	14
18	19	17	18	17	19	19
9	8	10	9	10	8	10
5	3	4	8	5	4	7
17	20	15	17	19	16	15
6	6	6	6	5	7	6
2	1	3	1	3	1	2
14	19	10	13	13	15	10
*13	*4	*3	*6	*10	*13	*7

0. Completely correct-license suspension only
1. License & one penalty mentioned
2. License & two penalties mentioned
3. License & three penalties mentioned
4. License & four penalties mentioned
5. License not mentioned but one other penalty mentioned
6. License not mentioned but two other penalties mentioned
7. License not mentioned but 3 or 4 other penalties mentioned
8. No penalty checked
9. NA (whole question)

V343 R213 Refusal Effect Convicted (QE10. If a person refuses to take a breath test when arrested for drunk driving, do you think he is less likely to be convicted of the charge than a person who takes the test, or what?) MD=9

TS	10	11	12	M	F	DL
8	7	7	9	10	6	7
15	16	15	14	12	18	12
64	65	64	63	69	61	69
13	11	13	14	10	15	12
*16	*7	*3	*6	*11	*5	*7

1. He is less likely to be convicted
3. It doesn't make any difference
5. He is more likely to be convicted
8. No idea
9. NA

V344 R214 1st DUIL License (QE11. What do you think are the common consequences of a first conviction for drunk driving in Washtenaw County? (a) Losing one's license?) MD=9

TS	10	11	12	M	F	DL
39	38	42	35	38	40	40
61	62	58	65	62	60	60
*15	*6	*4	*5	*11	*4	*7

1. Checked
5. Not checked
9. NA (whole question)

Additional Comments:

Respondent answered 1 to DUIL-license question but said, license should only be removed for 30 days.

V345 R215 1st DUIL Jail (QE11b. Going to jail?) MD=9

TS	10	11	12	M	F	DL
30	28	28	31	27	30	29
70	72	72	69	73	70	71
*15	*6	*4	*5	*11	*4	*7

1. Checked
5. Not checked
9. NA (whole question)

Additional Comments:

Respondent added "for the night".

V346 R216 1st DUIL-Insurance (QE1lc. Paying increased insurance rates?) MD=9

TS	10	11	12	M	F	DL
29	21	32	38	35	25	37
71	79	68	62	65	75	63

- 1. Checked
- 5. Not checked

*15 *6 *4 *5 *11 *4 *7

9. NA (whole question)

V347 R217 1st DUIL-Fine (QE1ld. Paying a fine?) MD=9

TS	10	11	12	M	F	DL
80	80	79	82	81	80	78
20	20	21	18	19	20	22

- 1. Checked
- 5. Not checked

*15 *6 *4 *5 *11 *4 *7

9. NA (whole question)

V348 R218 1st DUIL-Antabuse (QE1le. Taking pills which make a person sick if he drinks alcohol?) MD=9

TS	10	11	12	M	F	DL
6	5	9	4	5	6	5
94	95	91	96	95	94	95

- 1. Checked
- 5. Not checked

*15 *6 *4 *5 *11 *4 *7

9. NA (whole question)

Additional Comments:

Respondent felt Antabuse should only be used if the person is caught 3 or more times.

V349 R219 1st DUIL Classes (QE1lf. Being required to attend driver education classes?) MD=9

TS	10	11	12	M	F	DL
23	14	25	34	27	21	31
77	86	75	66	73	79	69

- 1. Checked
- 5. Not checked

*15 *6 *4 *5 *11 *4 *7

9. NA (whole question)

V350 R220 1st DUIL Medical (QE1lg. Being required to seek medical help?) MD=9

TS	10	11	12	M	F	DL
9	8	10	8	9	9	8
91	92	90	92	91	91	92

- 1. Checked
- 5. Not checked

*15 *6 *4 *5 *11 *4 *7

9. NA (whole question)

V351 R221 1st DUIL Warning (QE1lh. Receive a warning only?) MD=9

TS	10	11	12	M	F	DL
19	21	16	20	14	23	17
81	79	84	80	86	77	83

- 1. Checked
- 5. Not checked

*15 *6 *4 *5 *11 *4 *7

9. NA (whole question)

V352 R220A Total 1st Penalty (Total number of penalties checked from R214-R221) MD=9

TS	10	11	12	M	F	DL
*1	*1	0	0	0	*1	0
31	38	30	22	33	30	27
31	29	30	35	30	32	32
20	18	21	20	18	21	21
12	11	11	14	13	11	12
4	2	4	8	3	5	6
2	2	2	*1	2	2	1
*3	0	1	0	1	0	*1
*15	*6	*4	*5	*11	*4	*7

- 0. No penalties
- 1. One penalty
- 2. Two penalties
- 3. Three penalties
- 4. Four penalties
- 5. Five penalties
- 6. Six penalties
- 7. Seven penalties
- 9. NA (whole question)

V353 R222 1st Should License (QE12. What do you think should be the common consequences of a first conviction for drunk driving; (a) Losing one's license?) MD=9

TS	10	11	12	M	F	DL
39	38	39	41	40	39	41
60	62	61	58	59	61	58
*2	0	*1	*1	*1	*1	*1
*15	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

Additional Comments:
Being forced to help in an emergency clinic for one day.

V354 R223 1st Should-Jail (QE12b. Going to jail?) MD=9

TS	10	11	12	M	F	DL
26	25	26	27	27	25	27
74	75	74	73	73	75	73
*2	0	*1	*1	*1	*1	*1
*15	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

V355 R224 1st Should-Insurance (QE12c. Paying increased insurance rates?) MD=9

TS	10	11	12	M	F	DL
31	26	33	36	35	28	38
68	74	66	64	64	72	62
*2	0	*1	*1	*1	*1	*1
*15	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

V356 R225 1st Should-Fine (QE12d. Paying a fine?) MD=9

TS	10	11	12	M	F	DL
73	74	72	73	75	71	74
27	26	27	27	24	28	26
*2	0	*1	*1	*1	*1	*1
*15	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

V357 R226 1st Should-Antabuse (QE12e. Taking pills which make a person sick if he drinks alcohol?) MD=9

TS	10	11	12	M	F	DL
11	12	11	9	14	8	10
89	88	88	90	85	91	89
*2	0	*1	*1	*1	*1	*1
*15	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

V358 R227 1st Should-Classes (QE12f. Being required to attend driver education classes?) MD=9

TS	10	11	12	M	F	DL
28	21	29	37	31	26	35
71	79	70	62	68	74	64
*2	0	*1	*1	*1	*1	*1
*15	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

V359 R228 1st Should-Medical (QE12g. Being required to seek medical help?) MD=9

TS	10	11	12	M	F	DL
16	15	16	15	15	16	15
84	85	83	84	85	83	85
*2	0	*1	*1	*1	*1	*1
*15	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

V360 R229 1st Should-Warning (QE12h. Receive a warning only?) MD=9

TS	10	11	12	M	F	DL
18	19	17	19	12	23	14
81	81	82	81	87	76	85
*2	0	*1	*1	*1	*1	*1
*16	*6	*4	*5	*11	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 9. NA (whole question)

V361 R228A Total 1st Penalty Should (Total number of penalties checked in R222-R229)

TS	10	11	12	M	F	DL
*4	*1	1	*1	1	*1	*2
34	38	34	28	33	35	29
26	27	26	27	25	28	27
17	14	17	20	19	16	18
11	11	9	12	9	13	12
7	5	9	7	8	7	8
3	3	2	3	4	1	3
1	*1	2	2	2	1	2
*15	*6	*4	*5	*11	*4	*7

- 0. No penalties
- 1. One penalty
- 2. Two penalties
- 3. Three penalties
- 4. Four penalties
- 5. Five penalties
- 6. Six penalties
- 7. Seven penalties

9. NA (whole question)

V362 R230 3rd Should License (QE13. What do you think should be the common consequences of a third conviction for drunk driving?
(a) Losing one's license?) MD=9

TS	10	11	12	M	F	DL
81	74	84	86	85	78	87
19	26	16	13	15	22	13
*1	0	0	*1	*1	0	*1
*16	*7	*4	*5	*12	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked

9. NA (whole question)

Additional Comments:
Capital punishment (referring to R230-R237)

V363 R231 3rd Should-Jail (QE13b. Going to jail?) MD=9

TS	10	11	12	M	F	DL
56	60	57	50	57	55	55
44	40	43	49	42	45	45
*1	0	0	*1	*1	0	*1
*16	*7	*4	*5	*12	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked

9. NA (whole question)

V364 R232 3rd Should-Insurance (QE13c. Paying increased insurance rates?) MD=9

TS	10	11	12	M	F	DL
46	40	47	53	50	43	51
54	60	53	46	50	57	48
*1	0	0	*1	*1	0	*1
*16	*7	*4	*5	*12	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked

9. NA (whole question)

V365 R233 3rd Should Fine (QE13d. Paying a fine?) MD=9

TS	10	11	12	M	F	DL
69	68	70	70	71	67	71
31	32	30	30	28	33	29
*1	0	0	*1	*1	0	*1
*16	*7	*4	*5	*12	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked

9. NA (whole question)

V366 R234 3rd Should-Antabuse (QE13e. Taking pills which make a person sick if he drinks alcohol?) MD=9

TS	10	11	12	M	F	DL
24	18	26	29	28	20	28
76	82	74	70	71	80	72
*1	0	0	*1	*1	0	*1
*16	*7	*4	*5	*12	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked

9. NA (whole question)

V367 R235 3rd Should-Classes (QE13f. Being required to attend driver education classes?) MD=9

TS	10	11	12	M	F	DL
34	26	35	43	39	30	42
66	74	65	57	60	70	58
*1	0	0	*1	*1	0	*1
*16	*7	*4	*5	*12	*4	*7

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked

9. NA (whole question)

V368 R236 3rd Should Medical (QE13g. Being required to seek medical help?) MD=9

TS	10	11	12	M	F	DL
50	46	48	59	49	51	54
50	54	52	41	50	49	46
*1	0	0	*1	*1	0	*1

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked
- 8. DK whole question

*16 *7 *4 *5 *12 *4 *7

- 9. NA (whole question)

V369 R237 3rd Should-Warnings (QE13h. Receive a warning only?) MD=9

TS	10	11	12	M	F	DL
2	1	3	*1	1	1	2
98	99	97	99	98	98	98
*1	0	0	*1	*1	0	*1

- 1. Checked
- 5. Not checked (but other answers are checked)
- 7. "Nothing" is checked

*16 *7 *4 *5 *12 *4 *7

- 9. NA (whole question)

V370 R237A Total 3rd Should Penalty (Total number of penalties in R230-R237) MD=9

TS	10	11	12	M	F	DL
*3	*1	0	1	1	0	*2
19	21	19	15	17	20	16
13	15	13	10	11	15	11
19	21	17	16	16	20	16
13	14	11	15	15	13	14
16	14	17	18	15	17	18
11	7	14	14	13	10	15
8	7	8	10	12	5	10
*1	0	0	*1	0	*1	*1

- 0. No penalties
- 1. One penalty
- 2. Two penalties
- 3. Three penalties
- 4. Four penalties
- 5. Five penalties
- 6. Six penalties
- 7. Seven penalties
- 8. Eight penalties

*16 *7 *4 *5 *12 *4 *7

- 9. NA (whole question)

V371 R238 Heard of WASAP (QE14. As you may know, in Washtenaw County the police, the courts, the health department, and the Council on Alcoholism have been working together in a program to reduce accidents involving drunk drivers. Have you happened to hear of the Washtenaw Alcohol Safety Action Program (WASAP)?) MD=9

TS	10	11	12	M	F	DL
21	21	18	25	16	25	21
79	79	82	75	84	75	79

- 1. Yes
- 5. No

*18 *4 *6 *8 *8 *10 *9

- 9. NA

V372 R239 Group in Charge (QE14a. Do you happen to know what group is in charge of the program?) MD=9

TS	10	11	12	M	F	DL
77	77	80	74	83	72	78
0	0	0	0	0	0	0
4	3	4	5	4	3	3
19	20	16	22	13	24	19

- 0. Inap., R has not heard of WASAP
- 1. Correct answer (Health Department)
- 2. Incorrect answer (Alcoholics Anonymous, W.C. Highway Commission, "pigs", etc.)
- 8. DK

*26 *6 *9 *11 *12 *13 *12

- 9. NA

V373 R240 Special Patrols (QE15. Have you happened to see or hear anything about the following activities of this program; (a) Special police patrols looking for drunk drivers?) MD=9

TS	10	11	12	M	F	DL
13	11	10	19	12	13	14
87	89	90	81	88	87	86

- 1. Yes
- 5. No

*92 *42 *26 *24 *48 *44 *36

- 9. NA

V374 R241 Roadside Testing (QE15b. Roadside Breathtesting Survey?) MD=9

TS	10	11	12	M	F	DL
18	20	15	21	17	20	17
82	80	85	79	83	80	83

- 1. Yes
- 5. No

*89 *42 *26 *21 *48 *41 *33

- 9. NA

V375 R242 Antabuse (QE15c. Courts asking convicted drunk drivers to take pills which make them sick if they drink alcohol?) MD=9

TS	10	11	12	M	F	DL
17	13	21	18	20	15	18
83	87	79	82	80	85	82

- 1. Yes
- 5. No

*93 *43 *26 *24 *48 *45 *36

- 9. NA

V376 R243 Local Campaign (QE15d. Local campaign to get driver's to know their own safe alcohol limits?) MD=9

TS	10	11	12	M	F	DL
41	41	35	48	38	44	43
59	59	65	52	62	56	57

- 1. Yes
- 5. No

*88 *42 *26 *20 *48 *40 *32

- 9. NA

V377 R244 More DUIs (QE15e. More drunk driving arrests?) MD=9

TS	10	11	12	M	F	DL
29	27	28	31	27	30	28
71	73	72	69	73	70	72

- 1. Yes
- 5. No

*91 *43 *27 *21 *48 *43 *34

- 9. NA

V378 R245 Special Classes (QE15f. Special alcohol education course for drunk drivers?) MD=9

TS	10	11	12	M	F	DL
38	30	43	43	40	36	42
62	70	57	57	60	64	58

- 1. Yes
- 5. No

*93 *44 *26 *23 *49 *44 *35

- 9. NA

V379 R246 Probation Officers (QE15g. Special probation officers to work with persons convicted of drunk driving?) MD=9

TS	10	11	12	M	F	DL
20	19	21	21	17	22	20
80	81	79	79	83	78	80

- 1. Yes
- 5. No

*92 *43 *26 *23 *51 *41 *35

- 9. NA

V380 R247 Couples Club (QE15h. Counseling in groups and couples clubs for drunk drivers who have a drinking problem?) MD=9

TS	10	11	12	M	F	DL
39	40	34	44	32	45	39
61	60	66	56	68	55	61

- 1. Yes
- 5. No

*90 *43 *26 *21 *50 *40 *33

- 9. NA

V381 R247A Total ASAPAct.s (Total number of programs heard of in R240-R247)

TS	10	11	12	M	F	DL
31	29	38	26	35	28	33
10	12	6	11	7	12	9
18	21	15	20	20	17	17
16	18	15	17	15	17	15
12	12	12	11	9	14	12
8	5	10	9	9	7	8
3	3	3	4	4	3	3
1	*1	1	1	1	*2	2
*2	0	0	1	0	*2	*2

- 0. None
- 1. One
- 2. Two
- 3. Three
- 4. Four
- 5. Five
- 6. Six
- 7. Seven
- 8. Eight

*101 *47 *27 *27 *51 *50 *40

- 9. DK, NA

V382 R248 ASAP Newspapers (QE15i. Where did you obtain this information about the program or its activities? (J) Newspapers?)

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
35	31	30	45	31	37	36
27	32	24	23	27	27	25
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

V383 R249 ASAP Radio (QE15K. Radio?)

MD-9

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
21	19	16	28	20	21	24
41	44	38	40	38	42	37
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

V384 R250 ASAP Television (QE15L. Television?)

MD-9

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
22	23	19	25	21	23	23
39	39	35	43	38	40	38
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

V385 R251 ASAP Magazines (QE15M. Magazines?)

MD-9

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
12	11	9	15	10	13	11
50	52	44	53	48	51	50
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

V386 R252 ASAP Fairs (QE15N. Fairs?)

MD-9

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
2	2	1	3	1	2	2
59	61	53	65	57	62	59
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

V387 R253 ASAP Meetings (QE15O. Meetings?)

MD-9

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
4	3	3	6	4	4	5
58	60	51	62	55	60	56
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

V388 R254 ASAP School Classes (QE15P. School classes?)

MD-9

TS	10	11	12	M	F	DL
32	30	39	26	36	29	34
25	22	27	26	25	25	25
37	40	27	42	34	39	36
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

V389 R255 ASAP Friends (QE15g. Friends?)

MD-9

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
25	25	20	30	24	26	25
36	38	34	38	34	38	36
6	7	6	5	5	7	5

0. Inap., R has heard nothing about the program
1. Checked
5. Not checked (but another answer is checked)
8. "Don't remember" is checked

*108 *47 *39 *22 *57 *51 *42

9. NA (whole question)

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
19	21	14	21	16	21	18
43	41	39	48	42	43	43
6	7	6	5	5	7	5

*108 *47 *39 *22 *57 *51 *42

V390 R256 ASAP Family (QE15R. Family?)

MD=9

- 0. Inap., R has heard nothing about the program
- 1. Checked
- 5. Not checked (but another answer is checked)
- 8. "Don't remember" is checked
- 9. NA (whole question)

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
1	2	1	1	1	1	2
60	61	53	67	57	62	59
6	7	6	5	5	7	5

*108 *47 *39 *22 *57 *51 *42

V391 R257 ASAP Guilty Victim (QE15S. The movie "Guilty Victim"?)

MD=9

- 0. Inap., R has heard nothing about the program
- 1. Checked
- 5. Not checked (but another answer is checked)
- 8. "Don't remember" is checked
- 9. NA (whole question)

TS	10	11	12	M	F	DL
32	30	40	26	36	29	34
15	15	14	16	14	16	14
47	48	40	53	45	49	47
6	7	6	5	5	7	4

*108 *47 *39 *22 *57 *51 *42

V392 R258 ASAP Pamphlets (QE15T. Pamphlets?)

MD=9

- 0. Inap., R has heard nothing about the program
- 1. Checked
- 5. Not checked (but another answer is checked)
- 8. "Don't remember" is checked
- 9. NA (whole question)

TS	10	11	12	M	F	DL
32	30	39	26	36	29	34
3	3	2	5	3	3	4

58 60 53 63 56 61 57
6 7 6 5 5 7 5

*108 *47 *39 *22 *57 *51 *42

V393 R259 ASAP Other (QE15V. Explain?)

MD=9

- 0. Inap., R has heard nothing about the program
- 1. Checked
 - Roadside breathtesting surveys (5 entries).
 - Police.
 - Billboards (a sign in Detroit that says the limit is now .15)-2 entries.
 - I wrote a paper on alcoholism.
 - The letter from the school office.
- 5. Not checked (but another answer is checked)
- 8. "Don't remember" is checked
- 9. NA (whole question)

TS	10	11	12	M	F	DL
39	37	46	32	41	37	40
17	22	14	17	18	15	15
12	10	12	14	11	13	12
10	11	11	9	12	9	11
8	8	7	8	8	8	8
5	5	5	6	4	5	5
4	3	2	8	4	5	5
2	2	*1	5	1	3	2
*4	*1	*1	1	*2	*2	*2
*2	*1	*1	0	*1	*1	*1

*108 *47 *39 *22 *57 *51 *42

V394 R259A Total ASAP Media (Total number of media checked in R248-R259)

MD=99

- 00. None
- 01. One
- 02. Two
- 03. Three
- 04. Four
- 05. Five
- 06. Six
- 07. Seven
- 08. Eight
- 09. Nine

99. DK, NA

TS	10	11	12	M	F	DL
62	58	64	64	61	62	63
38	42	36	36	39	38	37

*23 *8 *6 *9 *12 *10 *7

V395 R260 Heard DAD Problem (QE16. How about the drunk driving problem nationwide? Have you happened to notice recently any information or messages about the drunk driving problem in general and what can be done about it?)

MD=9

- 1. Yes
- 5. No
- 9. NA

V396 R261 DAD Television (E16a. Where did you notice the information or messages? (b) Television?) MD=9

TS	10	11	12	M	F	DL
39	43	36	36	39	38	37
56	53	58	58	58	54	58
6	5	6	6	3	8	5

0. Inap., R has not heard about the problem nationwide
 1. Checked
 5. Not checked

*23 *9 *5 *9 *12 *10 *6

9. NA (whole question)

V397 R262 DAD Radio (QE16c. Radio?) MD=9

TS	10	11	12	M	F	DL
39	43	37	36	39	38	37
28	20	32	34	31	26	35
33	37	31	30	30	35	28

0. Inap., R has not heard about the problem nationwide
 1. Checked
 5. Not checked

*23 *9 *5 *9 *12 *10 *6

9. NA (whole question)

V398 R263 DAD Newspapers (QE16d. Newspapers?) MD=9

TS	10	11	12	M	F	DL
39	43	37	36	39	38	37
28	21	29	35	26	29	30
33	36	34	29	34	33	33

0. Inap., R has not heard about the problem nationwide
 1. Checked
 5. Not checked

*23 *9 *5 *9 *12 *10 *6

9. NA (whole question)

V399 R264 DAD Magazines (QE16e. Magazines?) MD=9

TS	10	11	12	M	F	DL
39	43	37	36	40	38	37
20	15	22	25	23	18	22
41	42	41	39	37	43	40

0. Inap., R has not heard about the problem nationwide
 1. Checked
 5. Not checked

*23 *9 *5 *9 *12 *10 *6

9. NA (whole question)

V400 R265 DAD Billboards (QE16f. Billboards?) MD=9

TS	10	11	12	M	F	DL
39	43	37	36	40	38	37
15	13	17	17	15	16	18
46	44	46	47	46	46	45

0. Inap., R has not heard of the problem nationwide
 1. Checked
 5. Not checked

*23 *9 *5 *9 *12 *10 *6

9. NA (whole question)

V401 R266 DAD Other (QE16g. Other?) MD=9

TS	10	11	12	M	F	DL
39	43	37	36	40	38	37
4	4	5	2	3	5	2

0. Inap., R has not heard of the problem nationwide
 1. Checked:
 Drivers education (8 entries).
 Movies (4 entries).
 At school or classes (5 entries).
 Pamphlets (2 entries).
 Parents or at home (2 entries).
 Church
 Friends
 5. Not checked

57 53 58 61 57 57 60

*23 *9 *5 *9 *12 *10 *6

9. NA (whole question)

V402 R266A Total DAD Media (Total number of DAD media checked in R261-R266)

TS	10	11	12	M	F	DL
39	43	36	37	39	38	37
18	21	15	15	17	18	14
15	14	18	14	13	18	17
14	12	15	17	15	13	16
10	7	12	10	11	8	11
4	2	3	7	4	4	5
*3	0	1	*1	*1	*2	*2

0. None
 1. One
 2. Two
 3. Three
 4. Four
 5. Five
 6. Six

*23 *9 *5 *9 *12 *10 *6

9. NA

V403 R267 DAD Message (QE16h. What do you remember most from what you heard or saw?) Responses=2 MD=9

TS	10	11	12	M	F	DL
43	48	42	39	43	44	41
32	28	28	41	29	34	35
*5	1	1	*1	2	*1	1
4	3	6	4	4	5	4
6	6	5	5	6	5	5
9	9	12	7	9	10	8
5	5	5	4	5	4	5
3	4	2	3	2	5	3

0. Inap., R has heard nothing about the drunk driving problem nationwide; or no second response
1. Inform (scare) people about the extent of the DAD problem in general
2. Inform (scare) people about legal penalties for drunk driving
3. Educate people about the physiological effects of alcohol, number of safe drinks, relation of number of drinks to chances of accident to BAC levels, etc.
4. Educate people never to drive after drinking
5. Encourage more governmental actions to solve DAD problems, (Scream Bloody Murder); to keep drinking drivers off the road
6. Encourage people with alcohol problems to obtain treatment (1 additional response not coded)
7. Other
 - More help is being offered & more answers to questions.
 - "If you have to drink to be social, that's not social drinking (2 entries).
 - Don't drink.
 - A town in Oregon or Washington demands that anyone convicted of drunk driving must take Antabuse.
 - If we don't start now we might never get rid of the problem.
 - Taking a friend home if he's had too much to drink.
 - Social drinker is most problem.
 - That all people should help the drinking driver "get up & help" (3 entries).
 - A program in Washtenaw County where couples take part in an education program.
 - Places to contact for more information.
 - T.V. ads with former alcoholics speaking.
 - That there are more alcoholics than drug users in the United States.
8. DK, Don't remember, nothing specific
9. NA

6	8	7	3	6	6	4
*78	*28	*30	*20	*37	*40	*32

V404 R268 ASAP Tax Support (QE17. If an expanded government program could cut down on alcohol-related traffic accidents by as much as one-third or one-half, do you personally feel that more taxes should be collected to support such a program?)

TS	10	11	12	M	F	DL
60	56	61	64	62	58	62
40	43	39	35	37	41	37
*3	*2	0	*1	*1	*2	*1
*26	*7	*8	*11	*12	*13	*15

1. Yes
5. No
8. DK
9. NA

Additional Comments:

Coded as 1:

"If it would do the job".

Yes, but should be taken from gas tax not a new tax.

Within reason.

Yes, I don't say much taxes, they could explore it.

Coded as 5:

No, because all the war & space program money could be used. They're not my taxes.

V405 R269 Best Main Approach (QE18. In such a program, do you think the main effort should be to get people never to drink before driving, or to understand how much they can safely drink & to stick to those limits?) MD=9

TS	10	11	12	M	F	DL
31	33	32	27	35	27	32
69	67	68	73	65	73	68
*23	*6	*8	*9	*12	*10	*13

1. Never drink before driving
2. Understand & stick to limits
9. NA

V406 R270 Too Much Fuss (QE19. We would like your opinion about the following statements. Please write the number for your feeling about statement on the line in front of it, according to the following code: (1) Agree strongly; (2) Agree Somewhat; (3) Disagree somewhat; (4) Disagree strongly.(a) Far too much fuss is made about the dangers of drinking & driving?) MD=9

TS	10	11	12	M	F	DL
5	6	5	4	8	2	5
10	12	8	9	11	10	7
28	29	26	30	25	31	28
57	53	61	57	57	58	60
*23	*10	*7	*6	*13	*9	*7

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

9. NA

V407 R271 Drive Poorer with 1 Drink (QE19b. Having even one drink will make a person a poorer driver?) MD=9

TS	10	11	12	M	F	DL
18	15	23	16	18	18	19
31	31	31	32	28	34	33
29	28	25	34	30	28	29
22	26	21	18	24	21	19
*22	*10	*6	*6	*13	*8	*7

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

9. NA

V408 R272 Stronger Punishment (QE19c. The number of fatal accidents would go way down if those persons who drive after drinking too much were more strongly punished?) MD=9

TS	10	11	12	M	F	DL
29	27	31	30	30	28	31
39	40	39	37	34	43	39
23	23	23	22	26	20	23
9	10	7	10	10	9	7
*26	*11	*7	*8	*16	*9	*10

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

9. NA

V409 R273 Bars Provide Tests (QE19d. Alcohol breathtesting devices should be available in taverns & bars for customers' use in determining whether they have drunk too much for legal driving?) MD=9

TS	10	11	12	M	F	DL
43	48	36	43	45	41	40
40	37	45	39	39	41	42
11	8	10	16	9	12	12
6	7	9	3	7	6	6
*26	*12	*7	*7	*15	*10	*8

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

9. NA

Additional Comment:

Don't know what good it would be (coded 1).

V410 R274 Bars Limit Drinks (QE19e. Bartenders should limit the number of drinks that they will serve to customers who plan to drive?) MD=9

TS	10	11	12	M	F	DL
32	31	32	33	33	31	33
34	34	31	37	35	33	34
19	21	20	17	17	21	17
15	14	18	13	15	15	16
*23	*10	*7	*6	*13	*9	*7

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

9. NA

V411 R275 Police Patrol Bars (QE19f. The police should patrol more around bars & taverns at night?) MD=9

TS	10	11	12	M	F	DL
24	20	30	21	23	25	25
44	44	44	46	45	44	45
21	25	15	25	21	21	21
10	11	11	8	11	10	9

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

*24 *11 *7 *6 *13 *10 *7

9. NA

Additional Comment:

I don't know how much they do now.

V412 R276 Police Patrol Parties (QE19g. The police should patrol more around places where people are having parties at night?) MD=9

TS	10	11	12	M	F	DL
8	5	9	10	11	5	9
32	30	36	31	31	33	33
35	38	32	33	36	33	33
26	27	24	26	22	28	25

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

*26 *11 *6 *9 *14 *11 *10

9. NA

V413 R277 Host Should Limit (QE19h. A good host at a party will try to see that his guests who must drive home do not drink too much?) MD=9

TS	10	11	12	M	F	DL
66	59	71	68	65	67	69
28	31	22	29	28	27	26
4	6	4	3	5	4	3
3	3	3	1	2	2	1

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

*22 *10 *6 *6 *12 *9 *7

9. NA

V414 R278 Record All Acohol (QE19i. All alcohol-related convictions should be entered on a driver's record whether or not they are related to driving (e.g., drunk & disorderly?)) MD=9

TS	10	11	12	M	F	DL
22	22	17	27	22	21	21
32	30	33	32	30	33	35
25	30	22	21	24	25	21
22	18	27	19	24	20	23

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

*24 *10 *8 *6 *14 *9 *8

9. NA

V415 R279 Counsel Not Jail (QE19j. It is better to place problem drinkers who are convicted of drunk driving on probation & into a counseling or treatment program than it is to give them severe penalties?) MD=9

TS	10	11	12	M	F	DL
43	44	43	42	40	46	43
36	34	37	38	37	35	37
14	15	12	14	14	14	13
7	7	7	6	9	5	7

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

*26 *12 *8 *6 *15 *10 *9

9. NA

V416 R280 Most DAD Not Caught (QE19k. Most drunk driving is not detected by the police?) MD=9

TS	10	11	12	M	F	DL
26	17	31	30	33	20	31
45	50	45	40	42	48	43
23	26	20	23	18	27	21
5	7	3	7	6	5	5

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

*27 *12 *8 *7 *18 *8 *11

9. NA

V417 R281 Gov't Should Help (QE191. The government should help keep drunk drivers off the roads even if it means spending money to provide medical & psychological help?) MD=9

TS	10	11	12	M	F	DL
45	43	45	50	47	44	44
40	43	40	38	39	42	41
10	10	11	9	9	11	11
4	4	5	3	5	3	4
*26	*12	*8	*6	*16	*9	*8

1. Agree strongly
2. Agree somewhat
3. Disagree somewhat
4. Disagree strongly

9. NA

Additional Comments:

"But the rest of the people end up paying in the long run, not the government. They'll just ask us to pay more taxes for all these other people."

V418 R282 Month Questionnaire Completed MD=9

TS	10	11	12	M	F	DL
89	89	89	87	89	89	89
3	3	3	4	4	3	4
8	8	8	8	7	8	7
*1	*1	0	0	0	*1	0

1. December
2. January
3. February

9. NA

V419 R283 Day Questionnaire Completed MD=99

ACTUAL DAY CODED

99. NA

V420 R284 Student Wrote Date MD=9

TS	10	11	12	M	F	DL
99	100	99	99	99	100	99
*4	0	1	1	1	0	*2
*1	*1	0	0	0	*1	0

1. Yes
2. No, date guessed by research staff

9. NA

V421 R285 Response Validity MD=9

TS	10	11	12	M	F	DL
96	95	97	98	95	98	98
2	4	2	1	3	1	1
*5	1	0	1	1	*1	*2
*1	*1	0	0	0	*1	0

1. No reason to question seriousness of respondent
2. Some reason to question seriousness of respondent (wild, inconsistent or flippant responses)
3. Clear evidence that R did not fill out questionnaire seriously

9. NA

APPENDIX II

1972 QUESTIONNAIRE ON ALCOHOL USE AND DRIVING
BEHAVIOR FOR HIGH SCHOOL STUDENTS

QUESTIONNAIRE ON ALCOHOL USE AND DRIVING BEHAVIOR FOR HIGH
SCHOOL STUDENTS

DIRECTIONS: The following questionnaire is completely confidential. Do not sign your name. You have been randomly chosen to represent 15 Washtenaw County high school students, so it is important that you answer each question which applies to you to the best of your ability. But don't spend a lot of time thinking about any one question. Just give your best guess and go on to the next question.

On most questions you only need to make a check mark (✓) on the blank line next to your answer. But for some questions you are asked to write a number on the blank line for your answer, and for a few questions you will need to write your answer in words. Just ignore the numbers you see in parentheses () in front of the answer lines.

SECTION A. BACKGROUND INFORMATION

- A1. What school do you attend? _____
NAME OF SCHOOL
- A2. What is your present grade in school? (CHECK ONE ANSWER)
(1) ___ 10th (2) ___ 11th (3) ___ 12th
- A3. How old are you? (Age on your last birthday)
(1) ___ Under 14 (5) ___ 17
(2) ___ 14 (6) ___ 18
(3) ___ 15 (7) ___ 19 or older
(4) ___ 16
- A4. About how much do you weigh? _____ (Pounds)
- A5. What is your sex?
(1) ___ Male (2) ___ Female
- A6. With whom do you live most of the time? (CHECK ONE ANSWER)
(1) ___ Both parents (5) ___ Mother & Stepfather
(2) ___ Father only (6) ___ Foster parents
(3) ___ Mother only (7) ___ Other relatives
(4) ___ Father & Stepmother (8) ___ Other (EXPLAIN) _____

A7. What is the occupation of the person who contributes most to your family's support; that is, what kind of work does he or she do? (For example, teacher, mechanic, machine operator, locomotive engineer, truck driver, practical nurse, etc.)

A8. How many grades of school or college did that person complete? (CHECK ONE ANSWER)

- (1) ___ 7 grades of school or less
 (2) ___ 8-11 grades
 (3) ___ 12 grades (high school diploma)
 (4) ___ 1-3 years college
 (5) ___ 4 years college (bachelor's degree)
 (6) ___ 1 or more years of graduate school (beyond B.A.)

A9. Do you expect to go to college? (CHECK ONE ANSWER)

- (1) ___ Definitely yes
 (2) ___ Probably yes
 (3) ___ Probably not
 (4) ___ Definitely not
 (8) ___ Don't know

A10. Is your religious preference Protestant, Roman Catholic, Jewish, or something else?

- (1) ___ Protestant (Baptist, Methodist, etc.)
 (2) ___ Roman Catholic
 (3) ___ Jewish
 (4) ___ Other (EXPLAIN) _____
 (8) ___ No preference

A11. Does your religious group have a position against drinking any alcoholic beverages?

- (1) ___ Yes
 (5) ___ No
 (8) ___ Don't know
 (0) ___ No preference

A12. Would you say you go to religious services every week, almost every week, once or twice a month, a few times a year, or never? (CHECK ONE ANSWER)

- (1) ___ Every week
 (2) ___ Almost every week
 (3) ___ Once or twice a month
 (4) ___ A few times a year
 (5) ___ Never

SECTION B. USE OF ALCOHOLIC BEVERAGES

In the next questions and elsewhere in the questionnaire, one "drink" is used to mean any of the following:

- one 12 oz. bottle or can of beer
- one 3-4 oz. glass of wine or alcoholic punch
- one 1 oz. serving of hard liquor (alone or in a mixed drink)

B1. Have you ever had at least one alcoholic drink? (CHECK ONE ANSWER)

- (1) ___ Yes (2) ___ No, I have only tasted alcohol *SKIP TO B13, P.8)
- (3) ___ No, I have never even tasted alcohol *SKIP TO B13, P.8)

B1a. How old were you when you had your first alcoholic drink?

_____ (YEARS OLD)

B1b. What was your first drink? (CHECK ONE ANSWER)

- (1) ___ Beer
- (2) ___ Wine
- (3) ___ Straight liquor
- (4) ___ Mixed drink
- (5) ___ Alcoholic punch
- (6) ___ Other (EXPLAIN) _____

B1c. Where were you when you had your first drink? (CHECK ONE ANSWER)

- (1) ___ Bar or restaurant
- (2) ___ Own home
- (3) ___ Friend's or relative's home
- (4) ___ Recreational or sports event
- (5) ___ In vehicle
- (6) ___ Outdoors
- (7) ___ Other (EXPLAIN) _____

Bld. Who were you with? (CHECK AS MANY ANSWERS AS APPLY)

- (1) Friends or relatives about my age
- (2) Older friends or brothers or sisters
- (3) Parents, older relatives, or other adults
- (4) No one else
- (5) Other (EXPLAIN) _____

Ble. How did you obtain the alcohol? (CHECK ONE ANSWER)

- (1) Received it from a friend or relative about my age
- (2) Received it from an older friend or brother or sister
- (3) Received it from a parent, older relative or other adult
- (4) Purchased it myself
- (5) Took it from family supply
- (6) Other (EXPLAIN) _____

Blf. About how much did you drink in all on that occasion?


NUMBER OF DRINKS

Blg. Why did you drink that first time? (CHECK AS MANY REASONS AS APPLY)

- (1) I felt like celebrating
- (2) I wanted to feel more grown up
- (3) I was curious
- (4) My friends wanted me to drink
- (5) I wanted to get drunk
- (6) My parents or relatives offered it to me
- (7) Other (EXPLAIN) _____

B2. Did you drink any alcoholic beverage during the past 7 days?

(1) Yes (5) No → (GO TO B3, Pg.6)

B2a.  Please try to think back over the past 7 days and fill in the chart below for each day when you had something alcoholic to drink.

- (a) NUMBER OF DRINKS: Write the number or beers, glasses of wine, or servings of hard liquor you had in the boxes next to the day when you had them.
- (b) TIME OF DAY: Write the number (1,2,3,4 or 5) for the time when you were drinking each day, using the code given below.
- (c) PLACE: Write the number (1,2,3,4,5 or 6) for where you were drinking each day, using the code below.
- (d) COMPANIONS: Write the number (1,2,3 or 4) for who you were drinking with each day, using the code below.

TIME OF DAY	PLACE	COMPANIONS
(1) Morning (5AM-Noon)	(1) Bar or restaurant	(1) Friends or relatives about your age
(2) Afternoon (Noon-5PM)	(2) Own home	(2) Older friends or brothers or sisters
(3) Dinner period (5PM-8PM)	(3) Friend's or relative's home	(3) Parents, older relatives or other adults
(4) Evening (8PM-11PM)	(4) Recreational or sports event	(4) No one else
(5) Night (11PM-5AM)	(5) In vehicle	
	(6) Outdoors	

DAY	(a) NUMBER OF DRINKS			(b) TIME OF DAY	(c) PLACE	(d) COMPANIONS
	Beer	Wine	Liquor			
MONDAY						
TUESDAY						
WEDNESDAY						
THURSDAY						
FRIDAY						
SATURDAY						
SUNDAY						

B8. About how many times in the past year did each of the following happen to you when you were drinking, and about how many drinks had you usually had when it happened? (WRITE A NUMBER IN EACH SPACE)

	<u>NUMBER OF TIMES</u>	<u>NUMBER OF DRINKS</u>
a. You became high or tight	_____	_____
b. You became sick to your stomach	_____	_____
c. You passed out	_____	_____
d. You were later unable to remember part of the time you were drinking	_____	_____

B9. About how many times in the past year did you: (WRITE A NUMBER IN EACH SPACE)

	<u>NUMBER OF TIMES</u>
a. Get into a fight when or after drinking	_____
b. Get in trouble with the police for being drunk, for being in illegal possession of alcohol, or for illegally purchasing alcohol	_____
c. Get in trouble with the police because you were doing something else illegal when or after drinking	_____
d. Do something illegal when or after drinking without being caught	_____
e. Have an argument with a member or members of your family about your drinking	_____
f. Have an accident (car, home, etc.) when or after drinking	_____
g. Drink non-beverage alcohol such as hair tonic, paint thinner, sterno, etc.	_____

B10. In the past year how often did you: (CHECK ONE SPACE FOR EACH QUESTION)

	<u>FREQUENTLY</u>	<u>OCCASIONALLY</u>	<u>ONCE OR TWICE</u>	<u>NEVER</u>
a. Drink alcohol before or instead of breakfast	_____	_____	_____	_____
b. Have trouble with school work or miss school as a result of drinking	_____	_____	_____	_____
c. Buy alcoholic beverages with money needed for other things	_____	_____	_____	_____
d. Use false identification to buy alcoholic beverages	_____	_____	_____	_____
e. Worry about your drinking	_____	_____	_____	_____

B11. Who do you most frequently drink with? (CHECK ONE ANSWER)

- (1) ___ Other teenagers of your sex
- (2) ___ Other teenagers of the opposite sex
- (3) ___ Other teenagers in groups of both sexes
- (4) ___ Family or other adults
- (5) ___ No one else
- (6) ___ Other (EXPLAIN) _____

B12. How do you think your parents feel about your drinking? (CHECK ONE ANSWER)

- (1) ___ They don't know about my drinking but would disapprove if they did know
- (2) ___ They don't know about my drinking but wouldn't care if they did know
- (3) ___ They disapprove any drinking on my part
- (4) ___ They don't care as long as I drink in moderation
- (5) ___ They don't care how much I drink
- (6) ___ Other (EXPLAIN) _____

(ALL RESPONDENTS)

B13. How would you describe your parents' drinking? (CHECK ONE SPACE FOR EACH PARENT)

	<u>FATHER OR</u> <u>STEPFATHER</u>	<u>MOTHER OR</u> <u>STEPMOTHER</u>
(1) Does not drink	_____	_____
(2) Very light drinker	_____	_____
(3) Fairly light drinker	_____	_____
(4) Moderate drinker	_____	_____
(5) Fairly heavy drinker	_____	_____
(6) Very heavy drinker	_____	_____

B14. How many of your teenage friends drink alcoholic beverages at least occasionally (not counting for religious purposes)?

- (1) ___ None
- (2) ___ A few
- (3) ___ About one out of four
- (4) ___ About half
- (5) ___ About three out of four
- (6) ___ Nearly all

B15. What do you think are some important reasons that teenagers drink alcoholic beverages?

B16. Do you think that the most popular students in your high school drink more, about the same, or less than the other students?

- (1) ___ More than the other students
- (3) ___ About the same
- (5) ___ Less than the other students

B17. About how many times in the past year have you used each of the following drugs alone, and how many times have you used each drug when you were also drinking alcohol? (WRITE A NUMBER THAT IS YOUR BEST GUESS IN EACH SPACE)

	<u>NUMBER OF TIMES ALONE</u>	<u>NUMBER OF TIMES WITH ALCOHOL</u>
a. Amphetamines (uppers, speed, bennies, pep pills, diet pills)	_____	_____
b. Barbiturates (downers, reds, yellow-jackets)	_____	_____
c. Hallucinogens (LSD, mescaline, peyote)	_____	_____
d. Marijuana (pot, grass)	_____	_____
e. Hashish (hash)	_____	_____
f. Heroin (smack, horse, H)	_____	_____
g. Opium	_____	_____
h. Tranquilizers	_____	_____

B18. How about tobacco? How much have you smoked **cigarettes** during the past year? (CHECK ONE ANSWER)

- (1) ___ Never
- (2) ___ Less than 100 cigarettes
- (3) ___ About a pack a week
- (4) ___ 2-5 packs a week
- (5) ___ About a pack a day
- (6) ___ More than a pack a day

SECTION C. ALCOHOL KNOWLEDGE AND ATTITUDES

C1. Out of every 100 adults in Washtenaw County, how many would you guess are alcoholics or have a serious drinking problem; that is, how many persons have a problem with their health, their job or school performance, or their family or social life as a result of drinking?

_____ out of 100
NUMBER

C2. Out of every 100 high school students in Washtenaw County how many would you guess have a serious drinking problem?

_____ out of 100
NUMBER

C3. How often do you think persons with a serious drinking problem are able to overcome it? (CHECK ONE ANSWER)

- (1) ___ Almost always
(2) ___ Most of the time
(3) ___ About half the time
(4) ___ Only occasionally
(5) ___ Almost never

C4. Have you ever had a close friend or relative who had a serious drinking problem?

___ Yes ___ No → (SKIP TO C5, Pg.11)

↓
C4a. How many of these persons have been able to overcome their problem completely, how many partially, and how many not at all? (WRITE A NUMBER IN EACH SPACE)

- a. _____ Completely
NUMBER OF PERSONS
- b. _____ Partially
NUMBER OF PERSONS
- c. _____ Not at all
NUMBER OF PERSONS

- C5. Suppose you yourself needed help for a drinking problem.
Where would you go for help?

- C6. Do you happen to know the name of the pill which helps a person give up drinking by making him sick if he drinks?

_____ (8) ___ Don't know
NAME OF PILL

- C7. At what age do you think people should be legally permitted to buy alcoholic beverages?

- (0) ___ No age; alcohol should be entirely prohibited
(1) ___ 14 or under
(2) ___ 15
(3) ___ 16
(4) ___ 17
(5) ___ 18
(6) ___ 19
(7) ___ 20
(8) ___ 21 or older

- C8. Apart from legal considerations, do you think it's all right for high school students to drink: (CHECK ONE ANSWER)

- (1) ___ As much as they want as long as they don't cause harm to others
(3) ___ In moderate quantities only
(5) ___ Not at all

- C9. Do you think it's all right for adults to drink: (CHECK ONE ANSWER)

- (1) ___ As much as they want as long as they don't cause harm to others
(3) ___ In moderate quantities only
(5) ___ Not at all

C10. As you may know, the effects of drinking the same amount of alcohol in the same amount of time are not the same for everyone, depending on certain conditions. In your opinion, how much will each of the following conditions affect how a person feels or acts after drinking 4 drinks in one hour? (CHECK ONE SPACE FOR EACH CONDITION)

	<u>A</u> <u>LOT</u>	<u>SOME</u>	<u>A</u> <u>LITTLE</u>	<u>NOT AT</u> <u>ALL</u>
a. How old he is	___	___	___	___
b. If he is drinking on an empty stomach	___	___	___	___
c. How much he weighs	___	___	___	___
d. If he bolts his drinks	___	___	___	___
e. How he is feeling (sad, tired, nervous, etc.)	___	___	___	___
f. If he changes from one kind of drink to another	___	___	___	___
g. If he is smoking marijuana	___	___	___	___
h. If he is using a strong drug like LSD	___	___	___	___
i. How the people he is with are acting	___	___	___	___
j. If he is used to drinking alcoholic beverages	___	___	___	___
k. If he is taking medicine for some sickness	___	___	___	___

C11. People have different ideas about ways to sober up after drinking too much. In your opinion how much can each of the following methods help to get rid of the effects of alcohol? (CHECK ONE SPACE FOR EACH METHOD)

	<u>A</u> <u>LOT</u>	<u>SOME</u>	<u>A</u> <u>LITTLE</u>	<u>NOT AT</u> <u>ALL</u>
a. Drinking coffee	___	___	___	___
b. Taking a walk	___	___	___	___
c. Waiting several hours	___	___	___	___
d. Taking a cold shower	___	___	___	___
e. Eating food	___	___	___	___

SECTION D. DRIVING EXPERIENCE

D1. Have you ever taken a driver education course?

(1) ___ Yes, I am taking the course now

(2) ___ Yes, I finished the course in _____
MONTH YEAR

(3) ___ No, I have not taken the
course

D2. Not counting driver education, have you ever driven a car or motorcycle?

(1) ___ Yes (5) ___ No → (SKIP TO D10, Pg.16)

D3. About how many different days in the past year would you say you had driven a car or motorcycle, not counting driver education? (CHECK ONE ANSWER)

(1) ___ 10 days or fewer

(2) ___ 11-40 days

(3) ___ 41-120 days

(4) ___ over 120 days

D4. How many cars or motorcycles does your family own? (WRITE A NUMBER IN THE SPACE)

NUMBER OF CARS/MOTORCYCLES

D5. Is at least one of these vehicles owned by you or usually available for your use? (CHECK ALL ANSWERS THAT APPLY)

(1) ___ Yes, a car

(2) ___ Yes, a motorcycle

(5) ___ No

D6. Do you have either a driver's license or a learner's permit? (CHECK ONE ANSWER)

(1) ___ Yes, I obtained a driver's license in _____
MONTH YEAR

(2) ___ Yes, I have a learner's permit

(5) ___ No, I have neither one

D7. Have you driven at all in the past four weeks, not counting driver education?

(1) Yes (5) No → (SKIP TO D8, Pg.15)

D7a. About how many times in the past month would you say you yourself had driven on the following types of trips-- alone, with family members and other adults, and with other teenagers? Just make your best guesses about your past month's driving. (WRITE A NUMBER IN EACH SPACE)

	<u>DRIVING ALONE</u>	<u>DRIVING WITH FAMILY MEMBERS OR OTHER ADULTS</u>	<u>DRIVING WITH OTHER TEENAGERS</u>
b. Trips to school or school activities during regular school hours	_____	_____	_____
c. Trips to work	_____	_____	_____
d. Trips to visit someone	_____	_____	_____
e. Trips on personal or family business (errands, shopping, appointments, chauffeuring someone, etc.)	_____	_____	_____
f. Trips to go out to eat, to meetings, or to other social recreational, religious, or cultural activities	_____	_____	_____
g. Trips for just driving around	_____	_____	_____
h. Other (EXPLAIN) _____	_____	_____	_____

D7i. About how many miles do you think you yourself drove in the past four weeks? (CHECK ONE ANSWER)

- (1) Less than 10 miles
- (2) 10-24 miles
- (3) 25-49 miles
- (4) 50-99 miles
- (5) 100-199 miles
- (6) 200-499 miles
- (7) 500 or more miles

D8. Since you have been driving, how many times have each of the following happened to you when you were driving, and how many of these times had you been drinking one or more alcoholic drinks, using some other drug, or both? (WRITE A NUMBER IN EACH SPACE)

	<u>TOTAL</u>	<u>DRINKING ONLY</u>	<u>USING OTHER DRUG ONLY</u>	<u>DRINKING & USING OTHER DRUG</u>
a. You were ticketed by the police	_____	_____	_____	_____
b. You were stopped and warned by the police	_____	_____	_____	_____
c. You were in an accident	_____	_____	_____	_____

D9. In the past year, how many times in all would you say you have: (WRITE A NUMBER IN EACH SPACE)

	<u>NUMBER OF TIMES</u>
a. Driven within an hour after drinking any amount of alcohol	_____
b. Driven within an hour after drinking two or more alcoholic drinks	_____
c. Driven after drinking too much for safe driving	_____
d. Driven in place of a driver who had drunk too much for safe driving	_____
e. Not driven yourself because you had drunk too much for safe driving	_____

IF ANY TIMES NOT DRIVEN YOURSELF

f. How did you get where you needed to go? (CHECK AS MANY ANSWERS AS APPLY)

(1) ___ Walked

(2) ___ Rode in someone else's vehicle

(3) ___ Rode in own vehicle with someone else driving

(4) ___ Took a bus

(5) ___ Took a taxi

(6) ___ Waited until felt able to drive safely

(7) ___ Other (EXPLAIN) _____

g. Driven after drinking alcohol <u>and</u> using some other drug	_____
h. Driven after using some other drug only	_____

(ALL RESPONDENTS)

D10. In the past year, how many times have you been a passenger in a car driven by someone you felt had been drinking too much for safe driving?

NUMBER OF TIMES

D11. In the past year, how many times have you turned down a ride because you felt the driver had been drinking too much for safe driving?

NUMBER OF TIMES

SECTION E. ALCOHOL AND TRAFFIC SAFETY KNOWLEDGE AND ATTITUDES

E1. About how many persons would you say were killed last year in traffic accidents in Washtenaw County?

NUMBER OF PERSONS

E2. Out of every 100 traffic accidents in which someone is killed, how many would you guess involve a driver who has been drinking?

NUMBER OUT OF 100

E3. Would you guess that more alcohol-related fatal accidents are caused by the many social drinkers who occasionally drink too much, or by the smaller number of problem drinkers who frequently drink a great deal? (CHECK ONE ANSWER)

(1) More caused by social drinkers

(2) More caused by problem drinkers

E4. Have you personally known anyone (a friend, relative, or yourself) who was in a traffic accident which involved a drinking driver?

(1) Yes (5) No → GO TO E5, Pg.17)



E4a. (For the most serious accident you remember) Was anyone killed or seriously injured?	
(1) <input type="checkbox"/> Yes (5) <input type="checkbox"/> No → GO TO E5, Pg.17)	
↓	
E4b. Who was this person?	
(1) <input type="checkbox"/> Yourself	(3) <input type="checkbox"/> Relative
(2) <input type="checkbox"/> Family member	(4) <input type="checkbox"/> Friend

IN THE NEXT QUESTION, ONE "DRINK" IS USED TO MEAN ANY OF THE FOLLOWING:

- one 12 oz. bottle or can of beer
- one 3-4 oz. glass of wine or alcoholic punch
- one 1 oz. serving of hard liquor (alone or in a mixed drink)

E5. Suppose that a person of your age and weight is drinking for a one-hour period before driving, with no recent food intake. What do you think is his safe drinking before driving limit? That is, under normal conditions, what is the most that he can drink before driving without increasing his chance of having an accident?

NUMBER OF DRINKS

a. If he has 6 drinks, how many times more likely do you think he is to have an accident than if he had not been drinking?

NUMBER OF TIMES MORE LIKELY

b. How about if he has 9 drinks?

NUMBER OF TIMES MORE LIKELY

c. What do you think is his legal drinking before driving limit; that is, what is the most he can drink before driving without being considered impaired under Michigan law.

NUMBER OF DRINKS

d. And what do you think is the most he can drink without being considered "under the influence" by the law?

NUMBER OF DRINKS

E6. The amount of alcohol in the blood is measured as a percent of blood volume. What do you think is the lowest percent of blood alcohol concentration (BAC) at which a driver is considered impaired under Michigan law?

 % BAC
NUMBER

a. And what do you think is the lowest percent of blood alcohol concentration (BAC) at which a driver is considered to be "under the influence" by the law?

 % BAC
NUMBER

E7. As you may know, the police generally use a breathalyzer instrument for testing the amount of alcohol in a person's body. Under which of the following conditions do you think the police are legally empowered to request that a driver take such a test? (CHECK AS MANY ANSWERS AS APPLY)

- a. When a driver is arrested for drunk driving
- b. When a driver is stopped in a random road check
- c. When an apparently drunk person is seen getting into a driver's seat
- d. When a person who appears to have been drinking is involved in a highway crash
- e. None of the above

E8. Regardless of your answers above, when do you think the police should be empowered to request that a driver take an alcohol test? (CHECK AS MANY ANSWERS AS APPLY)

- a. When a driver is arrested for drunk driving
- b. When a driver is stopped in a random road check
- c. When an apparently drunk person is seen getting into a driver's seat
- d. When a person who appears to have been drinking is involved in a highway crash
- e. Other (EXPLAIN) _____

f. None of the above

E9. What do you think are the consequences of a person's refusing to take a breath test when arrested for drunk driving? (CHECK AS MANY ANSWERS AS APPLY)

- a. Having his car taken by the police
- b. Paying increased insurance rates
- c. Having his driver's license suspended
- d. Paying a fine
- e. Going to jail
- f. None of the above--there is no penalty for refusing to take the test

E10. If a person refuses to take a breath test when arrested for drunk driving, do you think he is less likely to be convicted of the charge than a person who takes the test, or what? (CHECK ONE ANSWER)

- (1) He is less likely to be convicted
- (2) It doesn't make any difference
- (3) He is more likely to be convicted
- (4) No idea

E11. What do you think are the common consequences of a first conviction for drunk driving in Washtenaw County? (CHECK AS MANY AS APPLY)

- a. Losing one's license
- b. Going to jail
- c. Paying increased insurance rates
- d. Paying a fine
- e. Taking pills which make a person sick if he drinks alcohol
- f. Being required to attend driver education classes
- g. Being required to seek medical help
- h. Receiving a warning only

E12. What do you think should be the common consequences of a first conviction for drunk driving? (CHECK AS MANY ANSWERS AS APPLY)

- a. Losing one's license
- b. Going to jail
- c. Paying increased insurance rates
- d. Paying a fine
- e. Taking pills which make a person sick if he drinks alcohol
- f. Being required to attend driver education classes
- g. Being required to seek medical help
- h. Receiving a warning only
- i. Nothing

E13. What do you think should be the common consequences of a third conviction for drunk driving? (CHECK AS MANY ANSWERS AS APPLY)

- a. Losing one's license
- b. Going to jail
- c. Paying increased insurance rates
- d. Paying a fine
- e. Taking pills which make a person sick if he drinks alcohol
- f. Being required to attend driver education classes
- g. Being required to seek medical help
- h. Receiving a warning only
- i. Nothing

E14. As you may know, in Washtenaw County the police, the courts, the health department, and the Council on Alcoholism have been working together in a program to reduce accidents involving drunk drivers. Have you happened to hear of the Washtenaw Alcohol Safety Action Program (WASAP)?

(1) ___ Yes (5) ___ No → (GO TO E15)

↓
E14a. Do you happen to know what group is in charge of this program?

_____ (8) ___ Don't know
NAME OF GROUP

E15. Have you happened to see or hear anything about the following activities of this program? (CHECK YES OR NO FOR EACH ACTIVITY)

- (1) ___ Yes (5) ___ No a. Special police patrols looking for drunk drivers
 (1) ___ Yes (5) ___ No b. Roadside breathtesting surveys
 (1) ___ Yes (5) ___ No c. Courts asking convicted drunk drivers to take pills which make them sick if they drink alcohol
 (1) ___ Yes (5) ___ No d. Local campaign to get drivers to know their own safe alcohol limits
 (1) ___ Yes (5) ___ No e. More drunk driving arrests
 (1) ___ Yes (5) ___ No f. Special alcohol education course for drunk drivers
 (1) ___ Yes (5) ___ No g. Special probation officers to work with persons convicted of drunk driving
 (1) ___ Yes (5) ___ No h. Counseling in groups and couples clubs for drunk drivers who have a drinking problem

IF YOU HAVE ANSWERED "NO" TO QUESTION E14 AND TO ALL PARTS OF QUESTION E15 ABOVE, SKIP TO QUESTION E16. OTHERWISE CONTINUE WITH E15i.

E15i. Where did you obtain this information about the program or its activities? (CHECK AS MANY ANSWERS AS APPLY)

- | | |
|-------------------|----------------------------------|
| ___ j. Newspapers | ___ p. School classes |
| ___ k. Radio | ___ q. Friends |
| ___ l. Television | ___ r. Family |
| ___ m. Magazines | ___ o. The movie "Guilty Victim" |
| ___ n. Fairs | ___ t. Pamphlets |
| ___ o. Meetings | ___ u. Don't remember |
| | ___ v. Other (EXPLAIN) _____ |

E16. How about the drunk driving problem nationwide? Have you happened to notice recently any information or messages about the drunk driving problem in general and what can be done about it?

(1) ___ Yes (5) ___ No → (SKIP TO E17)

↓

<p>E16a. Where did you notice the information or messages? (CHECK AS MANY ANSWERS AS APPLY)</p> <p>___ b. Television</p> <p>___ c. Radio</p> <p>___ d. Newspapers</p> <p>___ e. Magazines</p> <p>___ f. Billboards</p> <p>___ g. Other (EXPLAIN) _____</p> <p>_____</p> <p>E16h. What do you remember most from what you heard or saw?</p> <p>_____</p> <p>_____</p> <p>_____</p>

E17. If an expanded government program could cut down on alcohol-related traffic accidents by as much as one-third or one-half, do you personally feel that more taxes should be collected to support such a program?

(1) ___ Yes

(5) ___ No

E18. In such a program, do you think the main effort should be to get people never to drink before driving, or to understand how much they can safely drink and to stick to those limits?

(1) ___ Never drink before driving

(2) ___ Understand and stick to limits

E19. We would like your opinion about the following statements. Please write the number for your feeling about each statement on the line in front of it, according to the following code.

1. AGREE STRONGLY
2. AGREE SOMEWHAT
3. DISAGREE SOMEWHAT
4. DISAGREE STRONGLY

- ___ a. Far too much fuss is made about the dangers of drinking and driving.
- ___ b. Having even one drink will make a person a poorer driver.
- ___ c. The number of fatal accidents would go way down if those persons who drive after drinking too much were more strongly punished.
- ___ d. Alcohol breathtesting devices should be available in taverns and bars for customers' use in determining whether they have drunk too much for legal driving.
- ___ e. Bartenders should limit the number of drinks that they will serve to customers who plan to drive.
- ___ f. The police should patrol more around bars and taverns at night.
- ___ g. The police should patrol more around places where people are having parties at night.
- ___ h. A good host at a party will try to see that his guests who must drive home do not drink too much.
- ___ i. All alcohol-related convictions should be entered on a driver's record whether or not they are related to driving (e.g., "drunk and disorderly").
- ___ j. It is better to place problem drinkers who are convicted of drunk driving on probation and into a counseling or treatment program than it is to give them severe penalties.
- ___ k. Most drunk driving is not detected by the police.
- ___ l. The government should help keep drunk drivers off the roads even if it means spending money to provide medical and psychological help.

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE. THE INFORMATION YOU HAVE PROVIDED WILL BE USEFUL IN PLANNING A BETTER PROGRAM TO MAKE OUR ROADS SAFER FOR EVERYONE.