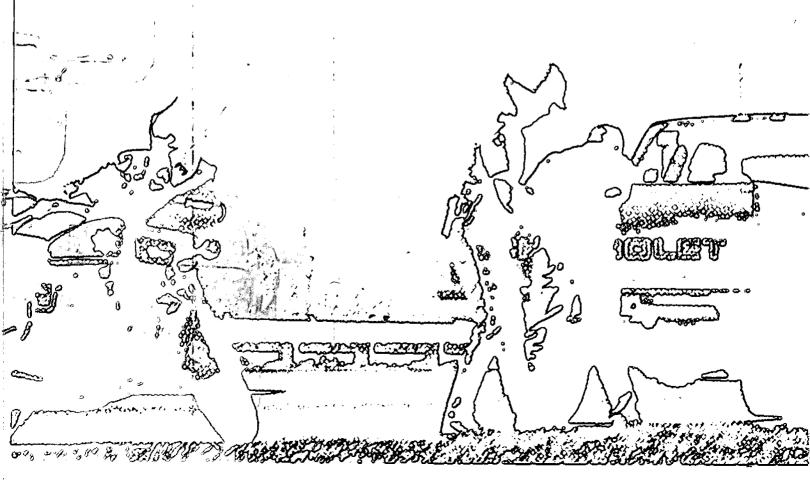
## NATIONAL SURVEY OF DRINKING AND DRIVING

Attitudes and Behavior: 1999

**Volume 2: Methods Report** 





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#### 16. Abstract

This report represents the fifth in a series of biennial national surveys undertaken by the National Highway Traffic Safety Administration (NHTSA) starting in 1991, and reports data from this fifth administration as well as those of the first four administrations (1991, 1993, 1995 and 1997). The objective of these recurrent studies is to measure the status of self-reported attitudes, knowledge and behavior of the general driving age public related to drinking and driving and to track trends in certain measures. The data are used to help support NHTSA initiatives and to identify areas of improvement and those in need of further attention in the pursuit of the reduction of drinking and driving.

This report, Volume II: Methods Report describes the methods used to conduct the interviews and analyze the data. It also contains copies of the most recent questionnaires. Volume I: Findings reports respondent's behaviors and attitudes on various topics related to drinking and driving including reported frequency of drinking and driving, prevention and intervention, riding with impaired drivers, designated drivers, perceptions of penalties, and knowledge of and acceptance of Blood Alcohol Concentration (BAC) levels.

The 1999 survey administration findings indicate that, for the most part, following improvement between 1993 and 1995, attitudes and behaviors among those aged 16-64 have relapsed slightly. The proportion of the population who report "driving within two hours of drinking in the past year" declined from 23% in 1991 and 24% in 1993, to 20% in 1995 and 21% in 1997. This proportion has increased in 1999 to 23%. Despite the increase in the proportion of persons who drove within two hours of consuming alcohol, the total number of impaired driving trips has remained consistent with 1997 measures and is a significant decline from 1991. The proportion who put themselves at risk by riding with a potentially impaired driver declined between 1993 and 1995, and remains near the 1995 level of 12%. Eighty percent (80%) of the driving age public sees drinking and driving as a major threat to their personal safety decreasing from 84% who felt this way in 1991. Perceptions of the certainty of being stopped for violating drinking and driving laws have declined since 1993 (from 32% saying such a stop is unlikely to 39% in 1999). Support for increased use of sobriety checkpoints increased slightly since 1993 from 62% to 66% in 1997, holding at 64% in 1999. More persons age 16-64 correctly knows the BAC limit in their state (28% up from 20% in 1995). Support for a legal limit of .08 or lower has increased to 68% of those who are aware of BAC levels, up from 56% in 1997).

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### Appendix A

#### Methods

In order for a tracking survey of this nature to be accurate it must be statistically valid in its own right, and the multiple years of data collection must be compatible. This section describes the aspects of the method that relate to these requirements:

- Sample design and sample frame construction (respondent universe and sampling methods)
- Data collection
- Sample execution
- Sample weighting, and
- Sampling tolerances

A telephone survey was used to reach the target population and to provide national estimates of attitudes and behaviors regarding drinking and driving. The respondent universe theoretically consists of all persons of driving age (age 16 or older as of their last birthday). However, since this survey, as well as the three earlier executions, was administered by telephone, the sampling universe is actually persons age 16 or older living in non-institutionalized dwellings with working telephones (approximately 200 million according to the U.S. Census Bureau estimates). Furthermore, since interviews were conducted only in English and Spanish, any person who does not speak one of these two languages was excluded from this study. The study sample was selected from all telephone households in the United States, including Alaska and Hawaii, and included both drivers and non-drivers.

The sampling objective of the study was to acquire a representative national sample of the general driving age public (age 16 and older) while allowing for a minimum of 100 completed interviews in each state and DC. Also, since the requirement of 100 per state was different from what was done in previous waves, and since changes were made to the questionnaire, a separate control group sample was undertaken to mirror the sample design used in previous administrations in order to test for differences due to the sampling change imposed in 1999.

The sample design and execution of the 1993, 1995, 1997 and the control version of the 1999 survey administrations closely followed the same procedures to ensure compatibility. The main study sample in 1999 used similar methods of sample selection, except these were carried out at the state level, rather than the Census region level as in prior executions, and as noted earlier, the 1991 study only included persons age 16 to 64 (excluding those 65 and older).

#### **Statistical Sampling Methods**

This study employed a multi-stage sampling procedure to achieve a random, representative sample of the driving public age 16 or older. The design used by Gallup for both the control version and the main study sample in 1999 included a stratified Casady-Lepkowski Random-Digit-Dial (RDD) sample design resulting in a sample that was consistent with earlier rounds of the study.

Since it was very important to maintain a consistent sampling structure with earlier executions in order for the samples to be comparable across time, extreme measures were taken to ensure that the new 1999 sample design allowed for an equal number of interviews across states and could be post-stratify weighted to ensure compatibility to previous survey waves.

Gallup used a two-stage procedure to meet the sampling objective for each two samples:

#### Stage 1

1. The first step was to identify the universe of residential telephone listings. For the main study sample, Gallup first identified the universe of residential telephone listings within each of the 50 states and District of Colombia. For the control group sample, the universe of residential telephone listings was identified within each of the geographic U.S. Census regions.

A telephone number bank consists of the blocks of 100 sequential telephone numbers where only the last two digits of the 10-digit telephone number vary. For example, within the area code 202, exchange 366, one bank would be 202-366-12XX. This procedure provides for an equal probability of selection for each working residential telephone number in the U.S. (both listed and unlisted residential telephone households). A random-digit-dial (RDD) procedure was used to generate the last two numbers for a full ten-digit phone number within each selected 100-number bank

- 2. Second, Gallup drew a systematic sample of telephone 100-number blocks.
  - For the **main study sample**, Gallup drew a systematic sample of telephone 100-number blocks within each state and DC. While for the **control group sample**, Gallup drew a systematic sample of telephone 100-number blocks within each region.
- 3. Gallup then randomly generated the last two numbers for a full ten-digit phone number within each valid block selected in the previous stage. For the **main study sample**, this procedure provides for an unequal, but known, probability of selection for each working residential phone number in the US. while for the **control group sample**, the procedure provides for an equal probability of selection for each working residential telephone number in the U.S. (both listed and unlisted residential telephone households).

#### Stage 2

The second stage of selection occurred at the household level. Once a telephone number had been selected for inclusion, one person age 16 or older living in that household was randomly selected to participate. The household-level selection was made using the most recent birthday method, which represents a true random selection of household members, and is considered much less intrusive than the purely random selection method or grid selection that require enumeration of all household members in order to make a respondent selection. Once a person was selected for inclusion in the study, that person could not be replaced by another person in the household. If the selected person refused to participate, Gallup employed refusal conversion attempts to obtain the responses from the selected person. If refusal conversion attempts failed, the entire household was substituted to maintain the representativeness of the sample.

This second stage selection process was used for both the main sample and the control group samples.

#### **Data Collection**

Gallup completed telephone interviewing separately for the control group and the main sample group samples. A total of 5,127 interviews, with persons age 16 or older living in the United States, were conducted using the main study group sample and 606 with the control group sample. Interviewing took place over a three-month period of October 12 through December 12, 1999. A total of 115 of these 5,733 total interviews were completed in Spanish using a Spanish-language version of the questionnaire.

All sample management, interview scheduling, conducting and monitoring of interviews, and progress reporting of data collection was handled by Gallup's state-of-the-art computer assisted telephone interviewing (CATI) system. A comprehensive data collection plan was maintained to ensure that high response rates, high data quality and low respondent burden were achieved. The plan involved a call design scheme to optimize telephone coverage and contact with respondents, and to minimize no contacts and refusals. Gallup's internal interviewer recruitment, training and monitoring procedures are also designed to support these aims for this and all studies conducted by Gallup.

The CATI programming process included identification of data locations, keying in question text, responses and corresponding codes, as well as acceptable response ranges, consistency checks, interviewer instructions, skip patterns, and help screens. Two kinds of range and consistency checks were programmed: hard and soft checks. Responses initially entered by interviewers that were outside the hard range were not accepted by CATI. These required the interviewer to clarify with the respondent their initial response (e.g., if the question asked how many days of the past 30 they consumed alcohol, a response of 31 would not be accepted by the CATI system). Soft range checks prompt the interviewer to verify the response. The questionnaire design and layout pass through a strict internal hard copy "proofing review" before it reaching the programming stage. The CATI program was once again proofed before interviewing began. Separate questionnaires were programmed in both English- and Spanish-language.

#### **Interviewing Execution**

Once a telephone number was selected for inclusion, an interviewer made an initial call to reach the household. If no one answered, or no person age 16 or older was available at the time of the first call, up to six additional calls (over different days and time periods as presented below) additional were made to reach the selected household and to randomly select a respondent. A total of up to seven calls were made to complete the interview with the designated respondent. This "seven plus seven" call design was used in order to attain a high response rate.

Because the number of contacts attempted and the not-at-home patterns of households are key factors in determining response rates, an aggressive call design is important. The following call schedule, which applied to both the initial contacts for selection of a designated respondent and subsequent calls for completion of the interview, was used:

	Calling Period Respondent's Local Time	Number of Attempts
Weeknights:	5:00 p.m. to 7:59 p.m.	2
Weeknights:	8:00 p.m. to 9:59 p.m.	2
Weekends:	Saturday 11:00 a.m. to 5:00 p.m. Sunday 1:00 p.m. to 4:00 p.m.	3

All interviewers assigned to the project underwent a training specific to this project. Representatives from NHTSA were invited to be part of this briefing. Remote monitoring of telephone interviewing, was also available for external monitoring of interviews.

#### Gallup's Assurance of Confidentiality to Respondents

All data was collected by The Gallup Organization. Respondents were told at the onset of the interview that the data was strictly confidential and any identifying information would not be released outside of the organization. All interviewers signed statements of confidentiality stating that they would not reveal the results of any interview with anyone else. The name of the respondent was not collected during the course of the interview, and the telephone number was separated from the survey data before analysis and will not be connected to the data released to NHTSA or any other outside organization. All questionnaires, other records, and database entries were identified by case identification numbers only. The Gallup Organization has a reputation for integrity and has never encountered an instance of breach of confidentiality in its more than 60 years of operation.

#### Sample Execution/Response Rates

Response rates are one measure of the extent to which a data set accurately reflects the characteristics and responses of a given population. Two factors whose underlying causes may be substantially different drive non-response rates: non-contacts and non-interviews (i.e., refusals). Each of these can lead to sample bias if a group or type of potential respondent is systematically missed (e.g., people who are not at home and are hard to reach, young people, males, etc.).

**No Contact**: The largest influence on no contact non-response appears to be the number of call attempts. In an analysis of multiple data sets from a variety of research firms, it was found that the only methodological variable in a stepwise regression model predicting non-contact rate was number of call attempts. The manner in which sample is released into a carefully planned call design ensures multiple attempts for each sample component.

The not-at-home patterns of a given population are also important to consider in order to maximize the probability of contact during repeated attempts. Gallup's call design maximizes the probability of reaching respondents over a variety of days of the week and times of day.

**Refusals**: Refusals appear to be increasing and tend to account for a major proportion of non-responders with the potential for non-response bias. Although the reasons are unclear, the immense expansion of telemarketing activities, a possible tendency toward greater resistance to perceived intrusions into the privacy of one's home, and the increasing telephone saturation among certain market segments of the population, may all contribute. Because of the prominence of the Gallup name, and the skill of its interviewing staff, our refusal rate remains below the industry average.

At Gallup, an interaction with a respondent is only coded as a refusal if an interviewer has encountered two 'soft refusals' after a description of the study (e.g., "I am really not interested" or "I'm too busy to talk to you now") or a hard refusal (e.g., "I'm not interested, don't call again" or "No, I don't want to do it!"). Any case where the person hangs-up before the interviewer can complete the introduction describing the project will be called back at least once.

All cases coded as initial refusals underwent at least one refusal conversion attempt. In this stage, the case was assigned to a different interviewer than the one who made the initial call. If the second interviewer encountered a second hard refusal, the case was assigned to a special refusal conversion team of interviewers. The initial and second refusal cases were monitored on a weekly basis to determine if special troubleshooting refusal conversion teams will be necessary.

In calculating response rates, Gallup follows the strict industry standard of the Council of Applied Survey Research Organizations (CASRO). The calculation of a CASRO response rate is as follows:

Completed interviews divided by the number of eligible households plus the presumed eligible households (of non-contacted households).

The CASRO response rate for each of the two study versions for the 1999 administration were near 40%. In comparison, the CASRO response rate for the 1997 execution was 40.8%, 39.8% in 1995 and in 1993, 37.3%. CASRO response rates near 40% are generally standard for national probability samples. The 1993, 1995, 1997 and 1999 executions of this study achieved response rates at or above the current industry average.

A total of more than 15,000 randomly generated telephone numbers were sampled for the study according to the parameters outlined above. About 20% of the numbers were non-residential, while nearly 15% were confirmed non-working or disconnected numbers. The refusal rate on the study was 22% (consistent with prior executions of the study).

#### **Sample Weighting**

While the main sample and the control group samples were weighted separately, a similar sample weighting was carried out for each sample. The final telephone samples of persons age 16 and older were weighted to equalize selection probabilities (at both the household and the individual levels) and to adjust for non-response bias by demographics.

Weighting occurred in multiple stages and was designed to equalize selection probabilities at both the household and individual levels as well as adjust for non-response bias by demographics. Each step was made using data weighted from the previous step. The following five-stage procedure was use:

- 1. In the first stage weighting, Gallup adjusted for the unequal probability of selection for households. In the RDD procedure, households with more than one telephone line had a higher probability of selection in our sample. This disproportionality was corrected by applying an inverse weight to each respondent based on the number of residential telephone lines in his/her household.
- 2. The second stage weighting adjusted for any unequal probability of selection within a household. While the study is based on the total non-institutionalized residential population of the U.S., the actual sample units are households. Persons living in households with only one person of driving age have a higher probability of selection than those in households with several eligible persons. In the second stage weight, Gallup applied a weight to each respondent in the inverse to the number of persons of driving age in the household
- 3. The third stage weight corrected for any unintentional disproportionality due to unequal participation rates among respondents by key demographic characteristics. At this stage, Gallup weighted the actual respondent database (weighted in the first two stages) to match the known demographic characteristics of the U.S. population by age, race, and gender based on the most recent Census Population Projections. For the control group sample, this was carried out at the census region level, for the main sample, at the individual state level.

This demographic weighting is done in several stages. The proportion of Hispanics/non-Hispanics were first adjusted to reflect the most recent Census Bureau estimates by census region. White/nonwhite distributions were then reviewed by census region and adjusted if necessary. The data were then examined and the distribution of gender by age (using three age categories (16-34;35-54;55+) corrected if more than +/- 3% variation from the population projections by census region.

- 4. Fourth, the population of geographic areas were weighted back into the correct proportions to match the known proportion in the entire U.S. For the control group sample, the populations of each of the census regions were put into alignment while the main sample, the sample for each of the 50 states and D.C. were put into their correct proportion in the entire universe.
- 5. Finally, Gallup projected the sample population up to the total non-institutionalized national population age 16 or older.

The resulting weighted survey data distributions and that of the total non-institutionalized U.S. population age 16 and older appears in the table below:

		Total Non-Institutionalize U.S.           Population Age 16+           Population in 1000's % of Total           207,594 100% 99,933 48 107,660 52 32,981 16		d Data for 1997 iving Survey
		% of Total	Unweighted Sample Size	Weighted % of Total
TOTAL	207,594	100%	4,010	100%
Male	99,933	48	1,734	48
Female	107,660	52	2,276	52
16-24	32,981	16	559	17
25-34	38,757	19	778	19
35-44	44,390	21	895	20
45-54	34,520	17	726	17
55-64	22,662	11	433	12
65+	34,284	17	619	16

#### Data Adjustments/Tests of Differences

As noted earlier, in the 1999 administration, a different sampling approach was undertaken such that the sample was drawn for each state and DC, rather than for each Census region. To test the possibility that the change in the sample design and subsequent post stratified weighting of selecting and controlling the sample by state, rather than by Census region, statistical testing was conducted. The main study sample was weighted similarly to the process used for the control group sample such that interviews of the states were first put into their correct proportion within census region. The sample was then weighted similarly to the control group sample (i.e. adjusted demographically at the census level). The results on 23 key measures of the control group sample were then compared using SUDAAN statistical software to the results from the main study sample by the Census region parameters. The test found only one question (Q33- have driven within two hours of consuming alcohol in the past year) whose results varied because of the change in sample design.

In addition in 1999, a number of substantial changes to the survey instrument wording were undertaken. Several questions were moved to a different position in the survey, while other questions were worded differently than in previous versions. Tests of statistical significance were conducted to determine if these changes resulted in different responses than those obtained under the prior version format.

The data from the control group survey and the main sample survey were compared using SUDAAN statistical software to account for the complex sample design and weighting used for both samples. More than two dozen questions were tested, either because on visual inspection it was believed there might be a significant difference between the two versions (generally a 2 percentage point difference or greater) or because the question was of key interest in the analysis. Of the variables tested, five were found to have statistically significant differences between the two versions, at a 95% level of confidence. These questions and their resulting statistical tests are noted in the table below:

	VERSIONN	Mean	SD.		Weighted	differently <sup>1</sup>	Weighted Same	Way <sup>2</sup>
					T	P-Value	į	P-Value
Q15	1	5110	5.57	1.59	1048	.14	-1.32	.19
	2	605				er in the state of		
Q20N	1	3101	5.66	7.57	.04	.97	.19	.85
<u> </u>	2	352			205	245	149	
Q33	ا 2	3030 3 <b>35</b>	1.62 1.57	.49 	2.05	.04*	1.48	.14
O103	2 5 65 1	5097	1.24	.49	47	.64	02	.99
Q103	2		THE PARTY OF THE P			.0 <del>4</del>	02	133
O104AA	1	5008	2.07	1.04	.09	.92	.03	.98
	2	552	2.10	1.04				रक र चीर्टर
Q104AC	1	5089	2.01	1.10	3.34	.00***	3.22	.00***
	2	559	1.82	1.05				
Q104AF	1	5127	1.72	1.15	1.33	.18	1.67	.09
3000000			1.62				The Control	
Q105AA1		4845	31.19	25.26	3.56	.00***	3.46	.00***
* . * . *		.0571	28.20	23.95	1.05	2.	• • •	35
Q105AB1		4776	42.08	28.26 28.53	1.25	.21	1.15	.25
O106	2	4970	3.30	28.53 1.23	.12	.91	.56	.57
Q108	2		3.30 3.27	1.30	.12	191 Net 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.30	.3/
O123	1	5100	1.18	.39	09	.93	03	.97
V123	2	603	1.21		0 <i>7</i>		05	PER TENT
O125	1	4157	11.37	4.90	79	.43	17	.86
	2 7		11.35	4.64	35 8 2 3			
Q130E	1	3319	1.55	.67	52	.60	89	.37
right in the	2	346	1.60	.77	1.34%	1. 18 July 20 11 11 11 11 11 11 11 11 11 11 11 11 11		777 F 10 14 F
Q130F	1	1808	2.34	1.14	-2.48	.01*	-2.54	.01*
14,222,5	2:	260	2.58	1.26	369 T. J.			
Q26	1	3139	1.84	.38	.38	.71	.20	.84
7.18	2	354	1.84	.37	Service Service	, V		
Q27	l	3139	1.95	.23	1.55	.12	1.62	.11
	2	354	1.92	.28		100		
Q28	l	3139	1.92	.27	.78	.43	.75	.45
and the first of the land of the same	2	354		.26				
Q29	<u> </u>	3139	1.97	.17	.82	.41	.35	.72
02421112	<b>. 2</b> %55	354	1.97	.17		02	10	9,6
Q34NUM	1 1	3040 336	9.3132 10.1339	47.2594 <b>50.0532</b>	23	.82	.18	.86
Q57	1	5127	1.90	.30	1.44	.15	1.8	.07
-331	<u>.</u>	606	1.88	.32	1.77			
Q59	1	491	1.65	.53	.16	.87	.04	.96
	2		1.65	.51		F 15. (2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1		
Q61V1V		5127	.3099	.4625	66	.50	65	.52
7.7	2	606	.2987	.4581				
Q64V1V		5127	.4008	.4901	1.03	.30	.70	.48
	. 2		.3713	.4835				- ننځ
Q65NUN		2055	.5450	5.7516	2.47	.01*	2.68	.01
0100	2		.1644	.4274	1 40	1.4	1 42	16
Q108	1 <b>2</b>	5127 <b>606</b>	2.29 <b>2.40</b>	1.44 1.55	-1.48	.14	-1.43	.15
Q116	1	5127	2.30	1.55 1.64	.63	.53	.28	.78
QIII		606	2.29	1.72	.03		.20	- 70

For the items which were found to have statistically significant differences, only the main sample data are used in the 1999 contained analysis. For the items where there were no differences, the main sample results and the control group sample results are combined in the analysis to provide for more robust estimates.

In order not to lose comparability to the historical trend on these key items, a calibration method was used to adjust the historical data based on results of a "control group" sample.

For questions which were found to be statistically significantly different between the revised survey version and the control group (which contained the historical question order and wording), the control group data were calibrated or adjusted individually so that the proportion of respondents giving each response category matched that of the revised survey version. The calibration occurred by first comparing the proportion of each response category (for example, "yes" in a question who allowable responses were "yes", "no", "don't know" and "refused) between the control sample and the main study sample. A calculation was made to determine how much the control group data differed from the main study data (the proportion of the main sample responses was divided by the proportion of responses from the control group data). This calculation was undertaken for each response code for each affected question. This factor was then applied to the response code to the similar question in the historical data and a new "adjusted" variable was created in the historical database.

The adjusted or calibrated historical data is presented in the trend section of this report.

#### Sampling Tolerances

In interpreting survey results, it should be borne in mind that all sample surveys are subject to various types of potential errors. Errors may occur due to non-response (where selected respondents are never reached or refuse to participate), interviewer administration error (where a response can be mis-keyed or misinterpreted by the interviewer), incomplete or inaccurate answers from the respondent or sampling less than the total population, among others.

The sampling design employed in this study was used to produce an unbiased estimate of the stated target population. An unbiased sample will have the same characteristics and behaviors as those of the total population from which it was drawn. In other words, with a properly drawn sample, we can make statements about the target population within a specific range of certainty. Sampling errors can be estimated and their measure used to help interpret the final data results. The size of such sampling errors depends largely on the number of interviews and the complexity of the sampling design.

The confidence interval for sample estimates of population proportions at a level of 95% confidence, assuming a simple random sample without replacement is calculated using the following formula:

$$= z \sqrt{p(q)/n-1}$$

Where:

p = the proportion of the sample that exhibits a particular behavior or characteristic

q = (1-p)

n = the unweighted sample size

z = the standardized variable for a specific confidence level (for 95% level of confidence z is 1.96)

The sample of telephone households in this study was drawn as a simple random sample within each state/region. However, the stratification by region and the disproportionate sampling of persons within household introduces a design effect that could possibly suggest that the sample reflect other than a simple random sample.

To test the belief that the resultant sample approximated one of a simple random sample, the sampling errors were calculated under a stratified design and were compared to the sampling errors for the same measures and sample sizes under the assumption of a simple random sample. These sample error comparisons were made for 23 of the key measures in the study. The net impact over the 23 measures was found to be about a 10% wider band of confidence around the estimates gathered in the study. That is, if an estimate from a study conducted under a pure a simple random sample method had an error range of  $\pm$  1.5. The more precise error range due to the more complex sampling method would be about  $\pm$  1.6%.

Since the data presented in this report are rounded to whole numbers, the incremental increase in the sampling error range generally did not translate into a wider band around the estimate. Given the relatively small average design effect, the table of expected sampling error ranges based on a simple random sample is a useful approximation of the precision of the sample estimates.

The following tables may be used in estimating the sampling error in any percentage in this report. They may be interpreted as indicating the approximate range (plus or minus the figure shown) within which the results of repeated sampling in the same time period could be expected to vary 95% of the time, assuming the same sampling procedures, the same interviewers, and the same questionnaire.

Table A shows how much allowance should be made for the sampling error around a single percentage estimate in the study.

Table A: Recommended Allowance for Sampling Error of a Percentage In percentage points (at 95 in 100 confidence level)\*

For percentages near:

Sample Sizes Near:	5/95% ±	10/90% ±	20/80% ±	30/70% ±	40/60% ±	50/50% ±
100	4.3	5.9	7.9	9.0	9.7	9.8
200	3.0	4.2	5.6	6.4	6.8	6.9
300	2.5	3.4	4.5	5.2	5.6	5.7
400	2.1	2.9	3.9	4.5	4.8	4.9
500	1.9	2.6	3.5	4.0	4.3	4.4
600	1.7	2.4	3.2	3.7	3.9	4.0
800	1.5	2.1	2.8	3.2	3.4	3.5
1,000	1.4	1.9	2.5	2.8	3.0	3.1
1,500	1.1	1.5	2.0	2.3	2.5	2.5
2,000	.96	1.3	1.8	2.0	2.1	2.2
2,500	.85	1.2	1.6	1.8	2.0	2.0
3,000	.78	1.1	1.4	1.6	1.8	1.8
4,000	.68	.9	1.2	1.4	1.5	1.5
5,000	.60	.8	1.2	1.3	1.3	1.4

<sup>\*</sup> The chances are 95 in 100 that the sampling error is not larger than the figures shown.

The table would be used in the following manner: Let us say a reported percentage is 30 for a group that includes about 300 respondents. Then we go to the column labeled "Percentages near 30/70%" in the table and go down to the row labeled "300." The number at this point is 5.2, which means that the 27% obtained in the sample is subject to a sampling error or  $\pm 5$  points. Another way of saying this is that 95 times out of 100 the true figure in the population would be somewhere between 25% and 35%.

In comparing survey results in two samples – for example, 1997 and 1999 – the question arises as to how large a difference between them must exist before one can be reasonably sure that it reflects a real difference. In Table B, the number of points, which must be allowed for in such comparisons, is shown.

Here is an example of how the table would be used: Let us say that in 1997, 53% of a particular portion of the sample report a particular behavior, while in 1999 47% of those in this sub-group report the same behavior, for a difference of six percentage points between them. Can we say with any assurance that the six-percentage point difference reflects a real difference between 1997 and 1999? The sample contains approximately 2,000 adults in the sub-group in 1997 and again in 1999. We consult Table B, we look at the column headed 2,000 and the row labeled 2,000: we see the number 3.1 here. This means that the allowance for error should be 3.1 percentage points and that, in concluding that the percentage among the subgroup in 1997 is somewhere between three and nine points higher than among the subgroup in 1999 (our original reported difference of 6%, plus or minus the 3% in our table), we should be wrong only about 5% of the time. In other words, we can conclude with considerable confidence that a difference exists in the direction observed, and that it amounts to at least three percentage points.

If, in another case the responses for one sub-group within 1999 amount to 51% and another subgroup in 1999 to 54%, with the first sub-group having 1,100 people and the second just 200, we look for the number in the column headed 200 and row of 1,000 and see that it is 7.6. Since the 3% difference found in the data is less than the 7.6% in the table, the three-point difference is inconclusive.

Table B: Recommended Allowance for Sampling Error of the Difference In percentage points (at 95 in 100 confidence level)\*

For percentages near 50%:

Sample Sizes Near:	100	300	400	500	600	800	1,000	2,000	4,000
100	13.9 %	11.3%	11.0%	10.7	10.6	10.4	10.3	10.0	9.9%
300	11.3	8.1	7.5	7.2	7.0	6.7	6.5	6.1	5.9
400	11.0	7.5	6.9	6.6	6.3	6.0	5.8	5.4	5.1
500	10.7	7.2	6.6	6.2	5.9	5.6	5.4	4.9	4.6
600	10.6	7.0	6.3	5.9	5.7	5.3	5.1	4.6	4.3
800	10.4	7.7	6.0	6.0	5.6	5.0	4.7	4.1	4.0
1,000	10.3	6.5	5.8	5.4	5.1	4.7	4.4	3.8	3.4
2,000	10.0	6.1	5.4	4.9	4.6	4.3	3.8	3.1	2.7
4,000	9.9	5.9	5.1	4.6	4.3	4.0	3.4	2.7	2.2

<sup>\*</sup>The changes are 95 in 100 that the sampling error is not larger than the figures shown.

The table provided is for percentages near 50. For percentages higher or lower than 50%, the error to be allowed for is somewhat smaller than those shown in the table.

## **Appendix B-1**

Survey Instrument – English Language- Main Survey Version

### **CRT**

FINANCE, NHT46950 F950

VERSION I

### FIELD FINAL - OCTOBER 12, 1999 (Columns are "card/column")

AC1653	THE GALLUP ORGANIZATION
PROJECT REGISTRATION #125030 NHTSA Washington, DC	X APPROVED BY CLIENT
National Drinking and Driving Version I	X APPROVED BY PROJECT MANAGER
Max Larsen/Dawn Balmforth Stacey Richter	OMB Clearance #2127-0604
Jane Wood, Specwriter	
October, 1999	n=5,100
I.D.#:	0 (1-6)
**AREA CODE AND TELEPHONE NUMBER:	
	( 1/32 - 1/41)
**INTERVIEW TIME:	
	( 2/49 - 2/54)

#### \*\*STATE:

Code   From   Fone*   File   (UCVTA = 100   27   Minnesota - NC   28   Mississippi - SC   29   Missouri - NC   29   Missouri - NC   29   Missouri - NC   29   Missouri - NC   20   Alaska - W   31   Nebraska - NC   30   Montana - W   31   Nebraska - NC   32   Nevada - W   32   Nevada - W   32   Nevada - W   33   New Hampshire - NE   36   Colorado - W   34   New Jersey - NE   36   New Mexico - W   36   New Mexico - W   37   North Carolina - SC   37   North Carolina - SC   38   North Dakota - NC   NC   NC   NC   NC   NC   NC   NC	**STAT	CE:			
Def   State   and   DC   28			"Fone"		
29	file)	(QUO)	$\mathbf{r}\mathbf{A} = 100$	27	Minnesota - NC
01 Alabama - SC 02 Alaska - W 03 Arizona - W 04 Arizona - W 05 Arkansas - SC 06 California - W 08 Colorado - W 09 Connecticut - NE 10 Delaware - SC 11 Washington D.C SC 13 Morth Dakota - NC 12 Florida - SC 13 Georgia - SC 15 Hawaii - W 16 Idaho - W 17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 NC 27 NC 38 North Dakota - NC 49 Utah - W 40 Carolina - SC 40 Oklahoma - SC 41 Pennsylvania - NE 42 Pennsylvania - NE 45 South Dakota - NC 46 South Dakota - NC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 20 Kansas - NC 40 Maryland - SC 41 Kentucky - SC 42 Louisiana - SC 43 Washington - W 44 Maryland - SC 45 Massachusetts - NE 46 Michigan - NC 47 West Virginia - SC 48 West Virginia - SC 49 West Virginia - SC 55 Wisconsin - NC 56 Wyoming - W 40 (20/01) 4**REGION: (Code from *Fone* file)	per st	tate a	nd DC)	28	Mississippi - SC
02 Alaska - W 04 Arizona - W 05 Arkansas - SC 06 California - W 08 Colorado - W 09 Connecticut - NE 10 Delaware - SC 11 Washington D.C SC 13 Georgia - SC 15 Hawaii - W 16 Idaho - W 17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Nichigan - NC 27 Michigan - NC 28 Michigan - NC 29 NC 30 North Dakota - NC 40 Oklahoma - SC 41 Oregon - W 42 Pennsylvania - NE 43 South Carolina - SC 44 Rhode Island - NE 45 South Carolina - SC 46 South Dakota - NC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Utah - W 41 Oregon - W 42 Virginia - SC 43 Maine - NE 44 Maryland - SC 45 Wisconsin - NC 46 Wyoming - W 47 Virginia - SC 48 Wyoming - W 48 Virginia - SC 49 Wisconsin - NC 50 Wyoming - W 48 Virginia - SC 51 Wisconsin - NC 52 Wisconsin - NC 53 Washington - W 54 West Virginia - SC 55 Wisconsin - NC 56 Wyoming - W 57 Oremont - NE 57 Oremont - NE 58 Oremont - NE 59 Oremont - NE 50 Oremont - NE 50 Oremont - NE 51 Oremont - NE 52 Oremont - NE 53 Washington - W 54 West Virginia - SC 55 Wisconsin - NC 56 Wyoming - W 57 Oremont - NE 57 Oremont - NE 58 Oremont - NE 59 Oremont - NE 50 Oremont - NE 50 Oremont - NE 51 Oremont - NE 52 Oremont - NE 53 Washington - W 54 Oremont - NE 55 Wisconsin - NC 56 Wyoming - W				. 29	Missouri - NC
04 Arizona - W 05 Arkansas - SC 06 California - W 08 Colorado - W 09 Connecticut - NE 10 Delaware - SC 11 Washington D.C SC 11 Washington D.C SC 13 Georgia - SC 15 Hawaii - W 16 Idaho - W 17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 NC 28 NC 29 NC 30 New Hampshire - NE 36 New Mexico - W 37 North Carolina - SC 38 North Dakota - NC 39 North Carolina - SC 38 North Dakota - NC 40 Oklahoma - SC 41 Oregon - W 42 Pennsylvania - NE 44 Rhode Island - NE 45 South Carolina - SC 46 South Dakota - NC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Utah - W 41 Oregon - W 42 Pennsylvania - NC 43 South Carolina - SC 44 Washington - NC 45 South Carolina - SC 46 South Dakota - NC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Utah - W 41 Oregon - W 42 Pennsylvania - NC 43 Washington - NC 44 South Carolina - SC 45 Washington - NC 46 South Carolina - SC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Oregon - W 41 North Dakota - NC 42 NC 43 South Carolina - SC 44 Washington - NC 45 South Carolina - SC 46 Washington - NC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Oregon - W 41 Oregon - W 42 Pennsylvania - SC 45 Washington - NC 46 South Carolina - SC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Oregon - W 41 Oregon - W 41 Oregon - W 42 Pennsylvania - NC 45 South Carolina - SC 46 South Carolina - SC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Oregon - W 41 Oregon - W 41 Oregon - W 42 Pennsylvania - NC 46 South Carolina - SC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Oregon - W 41 Oregon - W 41 Oregon - W 42 Pennsylvania - NC 46 South Carolina - SC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 Oregon - W 41 Oregon - W 41 Oregon - W 41 Oregon - W 42 Pennsylvania - NC 45 South Carolina - SC 46 South Carolina - SC 47 Texas - SC 48 Texas - SC 49 Utah - W 40 Oregon - W 41 Oreg		01	Alabama - SC	30	Montana - W
05 Arkansas - SC 06 California - W 08 Colorado - W 09 Connecticut - NE 10 Delaware - SC 11 Washington D.C SC 12 Florida - SC 13 Morth Dakota - NC 13 Georgia - SC 15 Hawaii - W 16 Idaho - W 17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 NC 28 REEGION: (Code from "Fone" file)  **ZIP CODE: (Code from "Fone" file)  **ZIP CODE: (Code from "Fone" file)  **ZIP CODE: (Code from "Fone" file)		02	Alaska - W	31	Nebraska - NC
06 California - W 08 Colorado - W 09 Connecticut - NE 10 Delaware - SC 11 Washington D.C SC 11 Washington D.C SC 13 Morth Dakota - NC 12 Florida - SC 13 Morth Dakota - NC 13 Georgia - SC 15 Hawaii - W 16 Idaho - W 17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 22 Louistana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 Michigan - NC 28 Michigan - NC 29 Michigan - NC 20 Michigan - NC 21 Mayland - SC 22 Morth Mayland - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 Michigan - NC 28 Michigan - NC 29 Michigan - NC 20 Michigan - NC 21 Mertucky - SC 22 Michigan - NC 23 Mayland - SC 34 West Virginia - SC 35 Wisconsin - NC 36 Wyoming - W 27 Myoming - W 28 Myoming - W 29 Myoming - W 20 (20/01) 20/02)  **REGION: (Code from "Fone" file)		04	Arizona - W	32	Nevada - W
08		05	Arkansas - SC	33	New Hampshire - NE
08		06	California - W	34	New Jersey - NE
10 Delaware - SC		80	Colorado - W	35	
11 Washington D.C SC 38 North Dakota - NC 12 Florida - SC 39 Ohio - NC Oklahoma - SC 40 Oklahoma - SC 40 Oklahoma - SC 415 Hawaii - W 41 Oregon - W 42 Pennsylvania - NE 17 Illinois - NC 44 Phode Island - NE 18 Indiana - NC 45 South Carolina - SC 46 South Dakota - NC 47 Tennessee - SC 48 Texas - SC 49 Utah - W 40 U		09	Connecticut - NE	36	New York - NE
12		10	Delaware - SC	37	North Carolina - SC
13 Georgia - SC 15 Hawaii - W 16 Idaho - W 17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 Michigan - NC 28 Wyoming - W 29 Wyoming - W 20 Wyoming - W 21 Kentucky - SC 22 Louisiana - SC 23 Massachusetts - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 Michigan - NC 28 West Virginia - SC 29 Wyoming - W 20/01) (20/02)  **REGION: (Code from "Fone" file)  1 NE 2 NC 3 SC 4 W		11	Washington D.C SC	38	North Dakota - NC
15		12	Florida - SC	39	Ohio - NC
16		13	Georgia - SC	40	Oklahoma - SC
17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 21 Louisiana - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 Michigan - NC 28 Wyoming - W 29 Wyoming - W 20 Wyoming - W 21 Waster - NC 22 Misconsin - NC 23 Wyoming - W 24 Waster - NC 25 Wyoming - W 26 Michigan - NC 27 Wyoming - W 28 West Virginia - SC 29 Wyoming - W 20/01) (20/02)  **REGION: (Code from "Fone" file)  1 NE 2 NC 3 SC 4 W (20/03)		15	Hawaii - W	41	Oregon - W
17 Illinois - NC 18 Indiana - NC 19 Iowa - NC 20 Kansas - NC 21 Kentucky - SC 21 Louisiana - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 Michigan - NC 28 Wyoming - W 29 Wyoming - W 20 Wyoming - W 21 Waster - NC 22 Misconsin - NC 23 Wyoming - W 24 Waster - NC 25 Wyoming - W 26 Michigan - NC 27 Wyoming - W 28 West Virginia - SC 29 Wyoming - W 20/01) (20/02)  **REGION: (Code from "Fone" file)  1 NE 2 NC 3 SC 4 W (20/03)		16	Idaho - W	42	Pennsylvania - NE
19		17	Illinois - NC	44	— .
20 Kansas - NC		18	Indiana - NC	45	South Carolina - SC
21 Kentucky - SC 22 Louisiana - SC 23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC  **REGION: (Code from "Fone" file)  1 NE 2 NC 3 SC 4 West Virginia - SC 5 Wisconsin - NC 5 Wyoming - W  (20/01) (20/02)  **ZIP CODE: (Code from "Fone" file)		19	Iowa - NC	46	South Dakota - NC
22		20	Kansas - NC	47	Tennessee - SC
23 Maine - NE 24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC  **REGION: (Code from "Fone" file)  1 NE 2 NC 3 SC 4 W  **ZIP CODE: (Code from "Fone" file)		21	Kentucky - SC	48	Texas - SC
24 Maryland - SC 25 Massachusetts - NE 26 Michigan - NC 27 Michigan - NC 28 Michigan - NC 29 Michigan - NC 20 Michigan - NC 2		22	Louisiana - SC	49	Utah - W
25 Massachusetts - NE		23	Maine - NE	50	Vermont - NE
26 Michigan - NC		24	Maryland - SC	51	Virginia - SC
55		25	Massachusetts - NE	53	Washington - W
**REGION: (Code from "Fone" file)  1		26	Michigan - NC	54	West Virginia - SC
**REGION: (Code from "Fone" file)  1     NE 2     NC 3     SC 4     W			-	55	Wisconsin - NC
**REGION: (Code from "Fone" file)  1				56	Wyoming - W
1 NE 2 NC 3 SC 4 W(20/03)  **ZIP CODE: (Code from "Fone" file)				<u></u>	(20/01) (20/02)
2 NC 3 SC 4 W (20/03)  **ZIP CODE: (Code from "Fone" file)	**REGI	ON:	(Code from "Fone" file)		
3 SC 4 W (20/03) **ZIP CODE: (Code from "Fone" file)			NE		
4 W(20/03)  **ZIP CODE: (Code from "Fone" file)					
**ZIP CODE: (Code from "Fone" file)		3	SC		
		4	W		(20/03)
(20/08 - 20/12)	**ZIP	CODE:	(Code from "Fone" file)		
					(20/08 - 20/12)

***************************************	behal condu behav ident	this is	
S1.		ing yourself, how many members of this household are age older? (Open ended <u>and code actual number)</u>	
	00	None - (Thank and Terminate)	
	01	One - (If other than respondent, ask to speak to that person, and Skip to S3)	
	02-		
	96	96+ (Continue)	
	97	Not available - (Set time to call back)	
	98	(DK) (Thank and Terminate)	
	99	(Refused) (Thank and Terminate)	
S2.		ose <u>(response in S1)</u> adults, I need to speak to the one d the most recent birthday.	8/32)
	1 2	Male respondent available (Continue) Female respondent available (Continue)	
	7	Respondent not available - (Set time to call back)	
	8	(Refused) - (Thank and Terminate) ( 8/33)	
S3.		respondent is on the line: say) I need to confirm that e 16 years of age or older. Is that correct?	
	1	Yes - (Continue)	
	2	No - (Reset to S1)	
	3	(DK) (Thank and Terminate)	
	4	(Refused) (Thank and Terminate) (8/34)	

	you a permanent resident at this househed you, and not a visitor or guest?	old at which	1've	
1	Yes, permanent resident - (Continue)			
2	No - (Ask to speak with			
2	permanent resident, 16 or	3		
	older, and Reset to "Intro")			
	order, and Reset to "Intro")	=		
3	(DK) - (Ask to speak with			
	permanent resident, 16 or			
	older, and Reset to "Intro")			
4	(Refused) - (Ask to speak with			
	permanent resident, 16 or older,			
	and Reset to "Intro")			_ ( 8/35)
	egin, please tell me, what do you think i			
	<pre>lem facing this country today? (Open end responses)</pre>	led and code)	(Allow	
001	Other (list)			
002	(DK)			
003	(Refused)			
004	None			
005	All			
003	A Auto-gia			
006	AIDS			
007	Cost of living/Inflation			
800	Crime/Violence			
009	Drugs			
010	Drunk drivers			
011	Economy (general)			
012	Education			
013	Environment/Pollution			
014	Ethical/Moral/Religious decline			
015	Federal budget deficit/Federal debt			
016	Foreign aid/Focus overseas			
017				
018	Government/President Clinton/	1		
	Congress/Politicians			
019	Health care/Hospitals			
020	Immigration/Illegal aliens			
021	International problems/Foreign affairs			
022	Medicare increases/Senior citizen insurance			
000	Poverty/Hunger/Homelessness			
023 024	Race relations/Racism			
024	Recession			
025	Taxes			
026	Unemployment/Jobs			
027	Welfare			
020	METTATE			
		1st		
		Resp:	(	9/12 - 9/1
		2nd		
		2nd Resp:	(	9/15 - 9/1

S6.	name pleas impor	going to read you a list of concerns that people sometimes as problems in the United States. After I read each one, e tell me if you think it is extremely important, somewhat tant, not very important, or not at all important in terms of tax dollars should be spent. How about (read and rotate A-E)?	
	4 3 2 1 5	Extremely important Somewhat important Not very important Not at all important (DK) (Refused)	
	A.	Reducing violent crime	( 9/18)
	в.	Reducing spousal and child abuse	( 9/19)
	c.	Gun control	( 9/20)
	D.	Educational opportunities for children	( 9/21)
	E.	Reducing drunk driving	. ( 9/22)
(INTE	How c	Next, I have some questions about your driving habits.  Often do you usually drive a car or other motor vehicle?	
	1 2 3 4 5 6 7	you say that you usually drive (read 1-5)?  Every day Several days a week Once a week or less Only certain times a year, OR Never (DK) (Refused)	( 5/14)
		(If code "5" in #1, Skip to "Interviewer Read" before #15; Otherwise, Continue)	
2a.	drivi	ing about a TYPICAL day, about how many hours do you spending a car, truck, motorcycle or other motor vehicle? (Open and code)	
	1 2 3 4 5	Less than half an hour Half an hour to less than one hour One hour to less than two hours Two hours to less than three hours Three hours to less than four hours Four hours or more	
	7 9	(DK) (Refused)	( 9/23)
©Тне С	_	RGANIZATION 4	12/05/00

#### (There is no #4 - Moved to #104a)

		habits.		question			J		
any cool	ing the last alcoholic be lers, or liquerages <u>(read 1</u>	verages, inc or? Would	luding	beer, lig	ght beer, w	wine, w	wine		
1	Every day								
2	Nearly even	v dav							
3	-	our days a we	ek						
4		days a week							
5	Two or thre	e days a mor	ıth						
6	Once a mont	ch or less, (	)R						
7	in last two	nk alcoholic elve months) Lewer Read" b	- (S	kip					
8	(DK)	(Skip to "	Intervi	ewer Read'	before #5	57)			
9	(Refused)	(Skip to "	Intervi	ewer Read'	before #5	57)		( 5/20	))
	no #16)				HOLD		0	_ ( 5/2:	
When beve	n you drink a erages do you	drink MOST	OFTEN?	Do you	NE of the usually di	rink <u>(</u> :	wing read	_ ( 5/2:	
When beve	n you drink a erages do you rotate 06-10	drink MOST  ), then 01)	OFTEN?	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
When beveand ask:	n you drink a erages do you	drink MOST  ), then 01)	OFTEN?	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
When beveand ask:	n you drink a erages do you rotate 06-10 E) Which would year?	drink MOST  ), then 01)	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
When beve and ask:	n you drink a erages do you rotate 06-10 E) Which would year?	drink MOST ), then 01); d you say yo	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
When beveand ask:	n you drink a erages do you rotate 06-10 D Which would year?	drink MOST ), then 01); d you say yo	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
When beverand ask: past	n you drink a erages do you rotate 06-10 Which would year?  OR, someth: (DK)	drink MOST ), then 01); d you say yo	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/23	
When bever and ask: past	o you drink a erages do you rotate 06-10 Which would year?  OR, somethm (DK) (Refused)	drink MOST ), then 01); d you say yo	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
When beveand ask: past 01 02 03 04	or you drink a erages do you rotate 06-10.  Which would year?  OR, someth: (DK) (Refused) HOLD HOLD Beer	drink MOST ), then 01); d you say yo	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/23	
when beve and ask: past 01 02 03 04 05 06 07	or you drink a prages do you rotate 06-10.  Which would year?  OR, somethe (DK)  (Refused)  HOLD  HOLD  Beer  Light beer	drink MOST ), then 01); d you say yo	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
when beve and ask: past 01 02 03 04 05 06 07 08	or you drink a prages do you rotate 06-10 Which would year?  OR, somethe (DK) (Refused) HOLD HOLD  Beer Light beer Wine	drink MOST  ), then 01)  d you say you  ing else (list	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/2:	
When beve and ask: past 01 02 03 04 05 06 07 08 09	or you drink a prages do you rotate 06-1(s) Which would year?  OR, somether (DK) (Refused) HOLD HOLD  Beer Light beer Wine Wine cooler	drink MOST  ), then 01)  d you say you  ing else (list	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/23	
when beve and ask: past 01 02 03 04 05 06 07 08	or you drink a prages do you rotate 06-1(s) Which would year?  OR, somether (DK) (Refused) HOLD HOLD  Beer Light beer Wine Wine cooler	drink MOST  ), then 01)  d you say you  ing else (list	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es <sup>n</sup> ,	_ ( 5/23	5/2
When beve and ask: past 01 02 03 04 05 06 07 08 09	or you drink a prages do you rotate 06-1(s) Which would year?  OR, somether (DK) (Refused) HOLD HOLD  Beer Light beer Wine Wine cooler	drink MOST  ), then 01)  d you say you  ing else (list	OFTEN? (If u dran)	Do you <b>respondent</b>	NE of the usually di says "it	rink <u>(</u> : : vari	wing read es", the	5/23)	

- 18. When you drink [(response in #17)], about how many [(if code "06" in #17, say:) 12-ounce regular beers/(if code "07" in #17, say:) 12-ounce light beers/(if code "09" in #17, say:) 12-ounce wine coolers/(if code "08" in #17, say:) five-ounce glasses of wine/(if code "10" in #17, say:) drinks or shots of hard liquor/(if code "02" or "03" in #17, say:) drinks] do you usually drink per sitting? (Open ended and code actual number)
  - 97 Less than one
  - 98 (DK)
  - 99 (Refused)

(5/25) (5/26)

- 19a. About how old were you when you first started drinking alcohol, not counting small tastes or sips of alcohol? (Open ended <a href="mailto:and-ode-actual age">and ode-actual age</a>)
  - 96 years or older
  - 97 (Never drink/Drank)
  - 98 (DK)
  - 99 (Refused)

(9/57) (9/58)

#### (INTERVIEWER READ:)

People often drink different amounts of alcohol depending on the time, place or occasion. On some days they may drink small amounts, on some days they may drink medium amounts, and on other days they may drink large amounts.

(INTERVIEWER: Pause here and SLOW down) Please think about the days when you drank alcohol during a typical thirty-day period (or typical month) at anytime during the past six months. Your best estimates here will be fine. (Pause)

[NOTE TO INTERVIEWER: One standard drink is approximately 12 ounces

(341ml) bottle of beer (4.5% alcohol), 1 1/2 ounce (43ml) shot of
liquor (40% alcohol), 5 ounce (142ml) glass of wine (11%
alcohol), 3 ounce (85ml) glass of Sherry, Port or Vermouth (18%
alcohol)]

one	ow many of the thirty days in this typical month did yo or more alcoholic beverages to drink? (Open ended <u>an</u> al number)		
00	None - (Skip to #26)		
01- 30	30 (Everyday) (Continue)		
DK	(DK) - (probe for best estimate; If still "DK", Skip to #26)		
RF	(Refused) - (Skip to #26)		
		( 5/27)	( 5/28)
		( 3/21)	( 5/26)
#20)	<pre>code "01-30" in #20, ask:) How many of those (respo days did drink two or more alcoholic drinks? (Open end actual number)</pre>		
00	None - (Skip to #26)		
DK	(DK) - (probe for best estimate; If still "DK", Skip to #26)		
RF	(Refused) - (Skip to #26)		
		( 5/29)	( 5/30)
	ow many of those <u>(response in #21)</u> days did you have the drinks? (Open ended <u>and code actual number)</u>	<del></del>	, ,,,,,,,
00	None - (Skip to #26)		
DK.	(DK) - (probe for best estimate; If still "DK", Skip to #26)		
RF	(Refused) - (Skip to #26)		
		( 5/31)	( 5/32)
	now many of the <u>(response in #22)</u> days did you have for drinks? (Open ended and code actual number)	ive or	
00	None - (Skip to #26)		
DK ,	(DK) - (probe for best estimate; If still "DK", Skip to #26)		
RF	(Refused) - (Skip to #26)		
		<del>7-2-7-1</del>	
		( 5/33)	(5/34)

23a.		drinks? (Open ended and code actual number)	ou have eight	or
	00	None		
	DK	(DK)		
	RF	(Refused)		
		(1102 0204)		
				(9/25) $(9/26)$
			W. U. J. M. J. M.	, , , , , , , , , , , , , , , , , , , ,
(Ther	e is n	o #24)	HOLD _	0 (5/35-5/36)
		(If code "01-30" in #23 or #23a, Continu	ıe;	
		Otherwise, Skip to #26)	<del></del>	
25.		was the MAXIMUM number of drinks you had ended and code actual number) (NOTE TO SURV		
	DK	(DK)		
	RF	(Refused)		
				(5/37) $(5/38)$
				, , , , ,
26.	Have	you felt you should cut down on your drinkir	ıg?	
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		( 5/39)
27.	Have	people annoyed you by criticizing your drink	ing?	
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		( 5/40)
	*	(Kelused)		( 5/40)
28.	Have	you felt bad or guilty about your drinking?		
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		( 5/41)
				( 3/11/
29.		you had a drink first thing in the mornings or get rid of a hangover?	, to steady yo	our
	•	Van		
	1	Yes		
	2	No (DV)		
	3 4	(DK) (Refused)		/ = /
	7	(VCT (19E(1)		( 5/42)

12/05/00

# Otherwise, Skip to "Interviewer Read" before #57)

	es or shots of hard lique re you should NOT DRIVE?  Less than one drink			
	Less than one drink			
96	TODO CION ONE WITHIN			
	No limit			
DK RF	(DK) (Refused)			
			( 5/	43)
	<u>DRINKING AI</u>	ND DRIVING		
In t	I'd like to ask a few quine past twelve months, ha	ve you ever driven a moto		
In the WITH:	ne past twelve months, ha	ve you ever driven a moto		
In the WITH:	ne past twelve months, ha	ve you ever driven a moto		
In the WITH:	ne past twelve months, ha IN TWO HOURS AFTER drinkin Yes - (Continue) No	ve you ever driven a moto g alcoholic beverages? (Skip to #52)		
In the WITH:	ne past twelve months, hand in TWO HOURS AFTER drinking Yes - (Continue)  No (DK)	ve you ever driven a moto g alcoholic beverages? (Skip to #52) (Skip to #52)		
In the WITH:	ne past twelve months, ha IN TWO HOURS AFTER drinkin Yes - (Continue) No	ve you ever driven a moto g alcoholic beverages? (Skip to #52)		( !
In the WITHE	ne past twelve months, have no past twelve months, have no months and the new months and the new months and the new months are new months are new months and the new months are new months. No months are new months. No months are new mo	ve you ever driven a moto g alcoholic beverages? (Skip to #52) (Skip to #52) (Skip to #52)	r vehicle	( !
In the WITH:  1 2 3 4 (If	ne past twelve months, have no past twelve months, have no months and the normal second pasts of the n	ve you ever driven a motog alcoholic beverages?  (Skip to #52) (Skip to #52) (Skip to #52) About how many times in	r vehicle the past	(
In the WITH:  1 2 3 4 (If twelve	ne past twelve months, have no past twelve months, have no months and the new months and the new months and the new months are new months are new months and the new months are new months. No months are new months. No months are new mo	ve you ever driven a motog alcoholic beverages?  (Skip to #52) (Skip to #52) (Skip to #52)  About how many times in at you have driven WITHIN	the past	( !
In the WITH:  1 2 3 4 (If twelve	ne past twelve months, have no past twelve months, have no past twelve months, have no past to	ve you ever driven a motor alcoholic beverages?  (Skip to #52) (Skip to #52) (Skip to #52)  About how many times in at you have driven WITHIN Open ended and code actual	the past	(
In the WITH: 1 2 3 4 (If twelv AFTER	ne past twelve months, have no past twelve months, have no past twelve months, have no past to past the normal no past to past the normal norm	ve you ever driven a motor alcoholic beverages?  (Skip to #52) (Skip to #52) (Skip to #52)  About how many times in at you have driven WITHIN Open ended and code actual	the past	(
In the WITH:  1 2 3 4 (If twelv AFTER	ne past twelve months, have no past twelve months, have no past twelve months, have no past to past the normal no past to past the normal norm	ve you ever driven a motor alcoholic beverages?  (Skip to #52) (Skip to #52) (Skip to #52)  About how many times in at you have driven WITHIN Open ended and code actual	the past	(

00 DK	None/Never (DK)		
RF	(Refused)		
		(5/49)	(
			•
	code "001-365" or "DK" in #34, ask:) Please think about the		
	recent occasion that you drove within two hours of drinking		
	holic beverages. Where did you drink on that occasion? (Open d and code)		
ende	and code)		
01	Other (list)		
02	(DK)		
03	(Refused)		
04	HOLD		
05	HOLD		
06	Your home		
07	Friend's home		
80	Other residence		
9	Bar/Tavern		
10	Restaurant		
11	Work		
12 13	Country Club		
13 14	HOLD Wedding		
	nedding		
			_
		( 5/51)	(
How	many drinks did you have on that occasion? (Open ended and		
	many drinks did you have on that occasion? (Open ended and actual number)		
code	actual number)		
<b>code</b> 00	Less than one		
code 00 DK	Less than one (DK)		
code 00 DK	Less than one		
code 00 DK	Less than one (DK)		
	Less than one (DK)	( 5/53)	(
<b>code</b> 00 DK	Less than one (DK)	( 5/53)	(
DO OK	Less than one (DK) (Refused)	( 5/53)	(
DO OK RF	Less than one (DK) (Refused)  over what length of time did you have those drinks? (Open	( 5/53)	(
DO OK RF	Less than one (DK) (Refused)	( 5/53)	(
code 00 DK RF	Less than one (DK) (Refused)  over what length of time did you have those drinks? (Open	( 5/53)	(
OO OK RF	Less than one (DK) (Refused)  over what length of time did you have those drinks? (Open and code actual number of hours)	( 5/53)	(
ode OK RF	Less than one (DK) (Refused)  over what length of time did you have those drinks? (Open and code actual number of hours)  Less than one hour	( 5/53)	(
ode OK RF	Less than one (DK) (Refused)  over what length of time did you have those drinks? (Open and code actual number of hours)  Less than one hour (DK)	( 5/53)	(
OO OK RF	Less than one (DK) (Refused)  over what length of time did you have those drinks? (Open and code actual number of hours)  Less than one hour (DK)	( 5/53)	(

When drove within two hours of drinking)  000 Less than one minute/ Drove while drinking 120 120 minutes (two hours) DK (DK) RF (Refused)  (5/57 -  What was your destination on this most recent occasion? (Open ended and code)  01 Other (list) 02 (DK) 03 (Refused) 04 HOLD 06 Your home 07 Friend's home 08 Other residence 09 Bar/Tavern 10 Restaurant 11 Work  (5/60)  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)  CSKip to #49)  (Skip to #49)	
Drove while drinking 120 120 minutes (two hours) DK (DK) RF (Refused)  (S/57 -  What was your destination on this most recent occasion? (Open ended and code)  Ol Other (list) Ol (DK) Ol (Refused) Ol HOLD  Of Your home Of Friend's home Of Other residence Of Bar/Tavern Of Restaurant Of Restaurant Of Restaurant Of None Ol One or less than one mile Of One or less than one mile Of Off (Refused)  Work  (S/60)  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  None - (Skip to #49)  Ol- One (DK) (Skip to #49)	
Drove while drinking 120 120 minutes (two hours) DK (DK) RF (Refused)  (S/57 -  What was your destination on this most recent occasion? (Open ended and code)  Ol Other (list) Ol (DK) Ol (Refused) Ol HOLD  Of Your home Of Friend's home Of Other residence Of Bar/Tavern Of Restaurant Of Restaurant Of Restaurant Of None Ol One or less than one mile Of One or less than one mile Of Off (Refused)  Work  (S/60)  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  None - (Skip to #49)  Ol- One (DK) (Skip to #49)	
DK (DK) RF (Refused)  What was your destination on this most recent occasion? (Open ended and code)  Ol Other (list) Ol (DK) Ol (Refused) Ol HOLD  Of Your home Of Friend's home Of Priend's home Of Hour Restaurant Ol Restaurant Ol Restaurant Ol Restaurant Ol None Ol One or less than one mile Ol One or less than one mile Ol (Refused)  Work  (5/60)  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  On None - (Skip to #49)  Ol- One (Continue)  DK (DK) (Skip to #49)	
What was your destination on this most recent occasion? (Open ended and code)  Ol Other (list) Ol (DK) Ol (Refused) Ol HOLD Ol HOLD Ol HOLD Ol Your home Ol Friend's home Ol Other residence Ol Bar/Tavern Ol Restaurant Ol Restaurant Ol Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles) Ol None Ol One or less than one mile Ol One or less than one mile Ol (Refused)  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number) Ol None - (Skip to #49) Ol- Ol (DK) Ol (Skip to #49)	
What was your destination on this most recent occasion? (Open ended and code)  01    Other (list) 02    (DK) 03    (Refused) 04    HOLD 05    HOLD  06    Your home 07    Friend's home 08    Other residence 09    Bar/Tavern 10    Restaurant 11    Work   About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000    None 001    One or less than one mile 997    997 or more miles DK    (DK) RF    (Refused)  00    None - (Skip to #49)  01- 11    11 or more    (Continue)  DK    (DK)    (Skip to #49)	
What was your destination on this most recent occasion? (Open ended and code)  Olimination (Open ended and code actual number)	
What was your destination on this most recent occasion? (Open ended and code)  Olimination (Open ended and code actual number)	= /-
ended and code)  Ol Other (list)  Ol (Refused)  HOLD  Shold  Kefused)  Continue)  Continue)  Other (list)  Continue)  Other (list)  Other (list)  Other (list)  Other (list)  Other (list)  Other (list)  Other (skip to #49)  Other (list)  Other (skip to #49)  Other (list)  Other (list)  Other (list)  Other (list)  Other (skip to #49)  Other (list)  Other (list)  Other (list)  Other (skip to #49)  Other (list)  Other (list)  Other (list)  Other (list)  Other (skip to #49)  Other (list)  Oth	5/!
O2 (DK) O3 (Refused) O4 HOLD O5 HOLD O6 Your home O7 Friend's home O8 Other residence O9 Bar/Tavern O1 Restaurant O11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  O00 None O01 One or less than one mile O01 One or less than one mile O01 (DK) O00 (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  O0 None - (Skip to #49) O1- O11 O11 O12 (Continue) OK (DK) (Skip to #49)	
02 (DK) 03 (Refused) 04 HOLD 05 HOLD 06 Your home 07 Friend's home 08 Other residence 09 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
03 (Refused) 04 HOLD 05 HOLD 06 Your home 07 Friend's home 08 Other residence 09 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
04 HOLD 05 HOLD 06 Your home 07 Friend's home 08 Other residence 09 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
05 HOLD  06 Your home 07 Friend's home 08 Other residence 09 Bar/Tavern 10 Restaurant 11 Work  ( 5/60)  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  ( 5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
06 Your home 07 Friend's home 08 Other residence 09 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
O7 Friend's home O8 Other residence O9 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  O00 None O01 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  ( 5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  O0 None - (Skip to #49)  O1- ON (DK) (Skip to #49)	
O7 Friend's home O8 Other residence O9 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  O00 None O01 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  O0 None - (Skip to #49)  O1- O11 11 or more (Continue)  DK (DK) (Skip to #49)	
Other residence O9 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  O00 None O01 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  O0 None - (Skip to #49)  O1- ON (DK)  (Skip to #49)	
09 Bar/Tavern 10 Restaurant 11 Work  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
10 Restaurant 11 Work  (5/60)  About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  O00 None O01 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  O0 None - (Skip to #49)  O1- O11 11 or more (Continue)  DK (DK) (Skip to #49)	
About how many miles did you drive on this occasion? (Open ended and code actual number of miles)  ONONE ONO	
and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	(
and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
and code actual number of miles)  000 None 001 One or less than one mile 997 997 or more miles DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
One or less than one mile  997 997 or more miles  DK (DK)  RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  On None - (Skip to #49)  Ol-  11 11 or more (Continue)  DK (DK) (Skip to #49)	
One or less than one mile  997 997 or more miles  DK (DK)  RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  On None - (Skip to #49)  Ol-  11 11 or more (Continue)  DK (DK) (Skip to #49)	
997 997 or more miles DK (DK) RF (Refused)  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
DK (DK) RF (Refused)  (5/62 -  How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  On None - (Skip to #49)  Ol-  Il or more (Continue)  DK (DK) (Skip to #49)	
How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  On None - (Skip to #49)  Ol-  Il or more (Continue)  DK (DK) (Skip to #49)	
How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  ON None - (Skip to #49)  Ol-  11 11 or more (Continue)  DK (DK) (Skip to #49)	
How many people, other than yourself, were in the vehicle with you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	5/
you? (Open ended <u>and code actual number)</u> 00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	٦,
you? (Open ended and code actual number)  00 None - (Skip to #49)  01- 11 11 or more (Continue)  DK (DK) (Skip to #49)	
01- 11 11 or more (Continue) DK (DK) (Skip to #49)	
11 11 or more (Continue)  DK (DK) (Skip to #49)	
DK (DK) (Skip to #49)	
RF (Refused) (Skip to #49)	

<del>1</del> 4a.		passengers were u	under age 15? (Open ended and code actual		
	00	None - (Skip to	o #49)		
	01-				
	11	11 or more	(Continue)		
	DK	(DK)	(Skip to #49)		
	RF	(Refused)	(Skip to #49)		
				( 9/27)	( 9/28
44b.	#44a)		44a, ask:) How many of these (response in age 15 were your own children? (Open ended)		
	00	None			
	11 PK	11 or more			
	DK RF	(DK) (Refused)			
			<u> </u>	( 9/29)	( 9/30
19.	On then		ccasion, do you think you were (read 1-2,		
	1	Well below the 1			
	2 3	Just below the l (Just over the l			
	4	Well over the le			
	5	(DK)			
	6 7	(Refused) (Just at the lim	it)		( 5/67)
52.	you		n the PAST TWELVE MONTHS did you drive when OVER THE LEGAL LIMIT FOR ALCOHOL? (Open number)		
	000	None/Never - (	Skip to #54)		
	365	Every day			
	DK RF	(DK) (Refused)	(Skip to #54) (Skip to #54)		
				( 5/68 -	5/70)

00 DK	Less than one (DK)		
RF	(Refused)		
	(		
			_
		( 5/71)	(
driv	the past twelve months, have you ever deliberately avoided ring a motor vehicle because you felt you probably had too to drink to drive safely?		
1	Yes - (Continue)		
2	No (Skip to "Interviewer Read" before #57)		
2 3	(DK) (Skip to "Interviewer Read" before #57)		
3 4	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)	( 6/12	)
3 4 (If deli	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it;	( 6/12	)
3 4 (If deli that	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)	( 6/12	)
3 4 (If deli that	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list)	( 6/12	)
3 4 (If deli that 01 02	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK)	( 6/12	)
(If deli that 01 02 03	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused)	( 6/12	)
3 4 (If deli that 01 02	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK)	( 6/12	)
3 4 (If deli that 01 02 03 04	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD	( 6/12	)
(If delithat 01 02 03 04 05 06 07	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD Called a cab or ride Rode the bus or subway	( 6/12	)
3 4 (If deli that 01 02 03 04 05 06 07 08	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD  Called a cab or ride Rode the bus or subway Rode with some other driver	( 6/12	)
3 4 (If deli that 01 02 03 04 05 06 07 08 09	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD Called a cab or ride Rode the bus or subway Rode with some other driver Stayed overnight as a guest	( 6/12	)
(If delithat 01 02 03 04 05 06 07 08	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD  Called a cab or ride Rode the bus or subway Rode with some other driver Stayed overnight as a guest Waited until after the effects of	( 6/12	)
(If delithat 01 02 03 04 05 06 07 08 09	(DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD Called a cab or ride Rode the bus or subway Rode with some other driver Stayed overnight as a guest	( 6/12	)

#### DESIGNATED DRIVERS

(INTE	RVIEWER READ:)	Now, I'd like to ask about riding wit who have been drinking.	th others
57.		ve months, did you ever RIDE in a motor thought might have consumed TOO MUCH a	
	1 Yes - (Co	ntinue)	
	2 No 3 (DK) 4 (Refused)	(Skip to #61) (Skip to #61) (Skip to #61)	( 6/15)
59.	RODE with a dri alcohol to drive	57, ask:) Please think back to the last ver you thought might have consumed SAFELY. Did you decide the driver wa ou were riding in the motor vehicle?	TOO MUCH
	1 Before 2 After		
	3 (DK) 4 (Refused)		( 6/16)
(Ther	re is no #60)		
61.	year, have you reto be the designed driver is someone	ask you about designated drivers. In idden anywhere with someone else who hated driver? (NOTE TO INTERVIEWER: A downho agrees to abstain or limit drinking and will drive others after)	ad agreed esignated
	1 Yes - (Co	ntinue)	
	2 No 3 (DK) 4 (Refused)	(Skip to #64b) (Skip to #64b) (Skip to #64b)	( 6/17)
62.	RODE somewhere wi within the two ho	#61, ask:) On the most recent occasion the a designated driver, how many drinks ours prior to driving did the designate ing)? (Open ended and code actual numbers)	, if any, ed driver
	00 None/Less t 30 30 or more DK (DK) RF (Refused)		
			( 6/20) ( 6/21)

64b.	Have you been a designated of past year?	driver for other passenger	rs in the
	1 Yes - (Continue)	4 !	
	2 No	(Skip to #66)	
	3 (DK)	(Skip to #66)	
	4 (Refused)	(Skip to #66)	( 6/24)
			<del></del>
65.	(If code "1" in #64b, ask:) Owere the designated driver, he in the two hours prior to driver)	ow many drinks, if any, did	l you have
	00 None/Less than one	•	
	97 97 or more		
	DK (DK)		
	RF (Refused)		
			( 6/27) ( 6/28)
66.	What is the maximum number of or she is the designated dr number)		
	00 None/ Less than one		
	97 97 or more		
	DK (DK)		
	RF (Refused)		
			(6/29) $(6/30)$
		•	
	(If code "5 OR code "7- Skip to "Interviewe Otherwise,	r Read" before #86;	•
70a.	Thinking of any occasions in would be available at some eplan ahead BEFORE going to an afterward? (Open ended and coo	event, HOW OFTEN, if ever, event to avoid drinking an	did you d driving
	0 Never had occasion where would be available	e knew alcohol	
	1 Never planned ahead before	ore event	
	2 Rarely (a few times)		
	3 Occasionally, OR		
	4 Frequently or almost even	ery time	
	5 (DK)		
	6 (Refused)		( 9/31)

### HOSTING EVENTS

(INT	RVIEW!	ER READ:)	Now, I'd situations I	like to IN GENERA		you	about	socia	1	
37.	adul were	ts in which you about	ced a social e you served a having guest you say you we	alcoholic ts from	bever	ages, party	how co	ncerne	ed	
į.	1 2	Very concer Somewhat co								
	3	(Neither co	oncerned nor u	ınconcern	ed)					
	4 5 6 7 8	Not at all (DK) (Refused) Did you not	t host any eve							
		-	served alcohol <mark>Interviewer Re</mark>							
		before #96)		rau				<del></del>	( 6/4	4)
	01 02 03 04 05	Other (list (DK) (Refused) Nothing HOLD	=)							
	06		ne else drive	them home	e					
	07		i or ride serv	rice drive	e them	home				
	08 09	Drive them	nome spend the nigh	·+						
	10	Take their		16						
	11	Serve food	_							
	12		alcoholic drin	ıks						
	13	Serve less	alcohol/Limit	drink						
	14	Designate d								
	15	Collect key								
	16		eping accommo	dations						
	17	Drive them								
	18	Limit servi	ing hours				1			
							1st Res	o:	( 6/45)	( 6/46)
									( 0, 13,	( 0, 10,
							2nd			1 21
							Res	o:	( 6/47)	( 6/48)
							3rd Res	p:	( 6/49)	( 6/50)

#### INTERVENTION

(INT	ERVIEWER READ:)	Now, I'd like to where intervention that is, where some from drinking and o	n may have been eone could have be	possible;		
96.	you were with a f	how many times weriend, family member or drive safely?	or acquaintance	who had too		
	000 None DK (DK) RF (Refused)	(Skip to "Interview (Skip to "Interview (Skip to "Interview	wer Read" before #	103)		
					( 6/51 -	6/53)
100.		" in #96, ask:) The situation. Did you				
	1 Yes - (Sk	ip to #102)				
	2 No - (Con	tinue)				
	3 (DK) 4 (Refused)	(Skip to "Interview (Skip to "Interview			( 6/57)	
102.	Did they drive any	yhow?				
	1 Yes 2 No 3 (DK) 4 (Refused)				(	6/60)
		SOCIA	L PUNISHMENT			
(INTE	RVIEWER READ:)		ke to ask you ing drinking and d			
103.	a threat to the pe	now much is drinking ersonal safety of yo driving by others is	ou and your family			
	1 A major throad 2 A minor throad 3 Not a thread	eat, OR				
	4 (DK) 5 (Refused)				,	6/61)
⊕Tue (	GALLUP ORGANIZATION		17			12/05/00

104a.		The following questions deal with attitudes about drinking alcoholic beverages and driving. For each of the following statements, please tell me whether you strongly agree, somewhat agree, somewhat disagree, or strongly disagree.  (Read and rotate A-F)					
		1	Strongly agree				
		2	Somewhat agree				
		3	Somewhat disagree				
		4	Strongly disagree				
		5	(DK)				
		6	(Refused)				
		A.	Most people who drive after drinking too much alcohol are alcoholics or problem drinkers				
(There	is no	B)	HOLD	(	5/16)		
		C.	People should not be allowed to drive if they have been drinking any alcohol at all				
(There	are n	o Dan	d E) HOLD 0	( 5/18-	5/19)		
		F.	The legal blood alcohol limit should be set lower; that is, stricter, for people who drive with children in their car (9/32)				
105a.		about alcoho	a percentage scale from 0% to 100%, in your opinion, what percentage of drivers who are impaired by ol (and then drive) will (read and rotate A-B)? (Open and code actual percent)				
		000	None				
		100	100%/All				
		DK	(DK)				
		RF	(Refused)				
		A.	Get stopped by the police		****		
				( 6/64 -	6/66)		
		b.	Have a crash				
				( 6/67 -	6/69)		

<u> </u>			following events SUCH AS YOURSELF TO DRINK.		
106.			u to be stopped by d too much to drinl		
	1 2 3 4 5	Almost cert Very likely Somewhat li Somewhat un Very unlike	kely likely, OR		
	6 7	(DK) (Refused)		:	( 6/70)
108.	(drun	k driving),	icer stops you fo how likely would t be <u>(read 1-5)</u> ?		
	1 2 3 4 5	Almost cert Very likely Somewhat li Somewhat un Very unlike	kely likely, OR		
	6 7	(DK) (Refused)			( 6/71)
109.	drivi	ng), what is	RESTED for driving the likelihood the likelihood to the likelihood to the lead 1-5)	nat you would be	
	1 2 3 4 5	Almost cert Very likely Somewhat li Somewhat un Very unlike	kely likely, OR		
	6 7	(DK) (Refused)			( 6/72)

110.		would be your greatest concern of being stopped for driving intoxicated? (Open ended and code) (Allow two responses)	g	
	01	Other (list)		
	02	(DK)		
	03	(Refused)		
	04	Nothing		
	05	HOLD		
	06	Being put on probation		
	07	Restricted driver's license		
	08	License suspended for a period of time		
	09	Being fined		
	10	HOLD		
	11	Going to jail		
	12	Being placed in a treatment program		
	13	Having your name published in the newspaper		
	14	Having car impounded		
	15	Higher insurance rates		
	16	Having a criminal record		
	17	Having friends or family find out		
		1st		
		Resp:	$\overline{(7/12)}$	(7/13)
			<b>,</b> , ,,	, , = - ,
		. 2nd	${(7/14)}$	( 7/15)
		Resp:	( //14)	( //15)
(INTE	RVIEWE	LAW ENFORCEMENT  R READ:) These next questions are about your actua		
		experiences with and opinions of drinking and driving laws.	d	
113.		you been arrested for a drinking and driving violation me in the past two years?	n	
	1	Yes - (Continue)		
	2	No (Skip to #115a)	•	
	3	(DK) (Skip to #115a)		
	4	(Refused) (Skip to #115a)		( 7/21)
114.	years	None - (re-code #113 to "2")  How many times in the past two many times in		
	DK	(DK)		
	RF	(Refused)		

(old #119)  115a. In your opinion, how effective are current laws and penalties at reducing drinking and driving. Would you say they are (read 1-4)?  1	
2 Somewhat effective 3 Not too effective, OR 4 Not at all effective 5 (DK) 6 (Refused)	
6 (Refused) (7/45  L16. In your opinion, should the penalties for violating drinking and driving laws be (read 1-6)?  1 Much more severe 2 Somewhat more severe 3 Somewhat less severe 4 Much less severe 5 Stay the same as they are now, OR 6 No penalties should be given  7 (DK)	
driving laws be (read 1-6)?  Much more severe Somewhat more severe Much less severe Much less severe Stay the same as they are now, OR No penalties should be given  (DK)	5)
Somewhat more severe Somewhat less severe Much less severe Stay the same as they are now, OR No penalties should be given  (DK)	
, ,	
	1)
To the best of your knowledge, does your state have any law that makes it illegal to have an open container of alcohol inside the car while someone is driving? (NOTE TO INTERVIEWER: Someone does NOT have to be drinking the alcohol; the bottle, glass or can just needs to be open or have a broken seal. Open containers in the trunk or back part of a van or SUV do not count as the container needs to be within reach of the driver)  1 Yes	
2 No 3 (DK)	- \

4 (Refused)

(9/33)

Do you think that your state SHOULD have this type of opencontainer law? (NOTE TO INTERVIEWER: Someone does NOT have
to be drinking the alcohol; the bottle, glass or can just
needs to be open or have a broken seal. Open containers in
the trunk or back part of a van or SUV do not count as the
container needs to be within reach of the driver)

1 Yes

2 No

3 (DK)

4 (Refused)

( 9/34)

(There is no #119 - moved to #115a)

## SOBRIETY CHECK POINT ITEMS

120.	check		have you actually seen a sobriety stopped briefly by police to check	
	1	Yes - (Continue)		
	2 3 4	No (DK) (Refused)	(Skip to #122) (Skip to #122) (Skip to #122)	( 7/46)
121.	a che		ow many times have you been through lve months? (Open ended <u>and code</u>	
	000 365 DK RF	None Every day (DK) (Refused)		
				( 7/47 - 7/49)
122.		u think sobriety checkpoing the same as they are now	nts should be used more frequently, , or less frequently?	
	1	More frequently		
	2 3	About the same Less frequently		
	4	(DK)		
	5	(Refused)		( 7/50)
		BAC L	IMITS	
123.	of the	e "Blood Alcohol Concent:	son's body can be measured in terms ration", which is often called the rou ever heard of blood alcohol	
	1	Yes - (Continue)		
	2	No	(Skip to #125a)	
	3 4	(DK) (Refused)	(Skip to #125a) (Skip to #125a)	( 7/51)
	-	,,	( <u>F</u> (1-1)	( ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

125.	To the best of your knowledge, what is the specific BAC limit for
	your state at which a person would be considered legally
	intoxicated? (Open ended and code) (NOTE TO INTERVIEWER: If
	respondent indicates there are different levels based on age, ask
	for the limit for age 21 or older)

```
01 Other (list)
```

- 02 (DK)
- 03 (Refused)
- 04 HOLD
- 05 HOLD
- 06 .01/Point 01
- 07 .02/Point 02
- 08 .03/Point 03
- 09 .04/Point 04
- 10 .05/Point 05
- 11 .06/Point 06
- 12 .07/Point 07
- 13 .08/Point 08
- 14 .09/Point 09
- 15 .10/Point one "oh"

(7/53) (7/54)

125a. LEGAL LIMIT: (Autocode based on "State")

- 1 (If code "02-05", "08-10", "13", "18", "19", "21", "22", "24-32", "34", "36", "38-40", "42", "44-47" or "54-56" in "STATE":) .10 (point one zero)
- 2 (If code "01", "06", "11", "12", "15", "16", "17", "20", "23", "33", "35", "37", "41", "48", "49", "50", "51" or "53" in "STATE":) .08 (point zero eight) \_\_\_\_\_ ( 7/55)
- 126. The legal limit in your state is <u>(response in #125a)</u>. In your opinion, how many beers would a person about your size have to drink in a two-hour period to just reach the legal limit of <u>(response in #125a)</u>? (Open ended <u>and code actual number)</u> (NOTE TO SURVENT: Block "31-99")
  - 00 None/Less than one
  - 30 30 or more
  - DK (DK) (probe for best estimate)
  - RF (Refused)

(7/56) (7/57)

127.		our opinion, how many drivers would actually be dangerous rs with a BAC at the legal limit? Would you say (read 1-5)?		
	1 2 3 4 5	All Most Some Few, OR None		
	6 7	(DK) (Refused)		( 7/58)
130.	age i	e best of your knowledge, what is the minimum legal drinking n your state (the age at which someone can legally buy or alcohol)? (Open ended and code actual age)		
	00- 15	HOLD		
	16- 34			
	35- 97	HOLD		
	98 99	(DK) (Refused)		
	***		( 9/37)	( 9/38)
130a.		In some states, the legal BAC limit is different for drivers under 21 than it is for drivers over 21. In your state, is the legal BAC LIMIT the same for drivers under 21 as older drivers?		
		1 Yes 2 No 3 (DK) 4 (Refused)		( 7/63)
130d.		FORM: (Randomly Autocode)		
		1 A (1/2 sample) - (Continue)		
		2 B (1/2 sample) - (Skip to "Note" at #130e) ( 7	7/67)	

## (If code "1" in #130d,

INTERVIEWER READ:) A person's BAC (blood alcohol content) is determined by factors such as gender, body weight, the amount of alcohol consumed and how much food they have recently eaten. An average 170 pound man would have to drink about five beers in a two-hour period on an empty stomach, to reach a BAC of .08 (point oh-eight). He would have to drink about six beers in an hour to reach a BAC of .10.

- 130e. (If code "1" in #125a, ask:) The BAC limit in your state is currently .10 (point one-oh). In your opinion, should the BAC level in your state be lowered; that is, made stricter to a level of .08 (point oh-eight), or should it stay at its current level of .10?
  - 1 Lowered; that is, made stricter
  - 2 Stay at current level
  - 3 (DK)
  - 4 (Refused)
  - 5 (Raised, or made looser)

\_\_\_\_( 7/68)

- 130f. (If code "2" in #125a, ask:) The BAC limit in your state is currently .08 (point oh-eight). In your opinion, should the BAC level in your state be raised; that is, made looser to a level of .10 (point one-oh), or should it stay at its current level of .08?
  - 1 Raised; that is, made looser
  - 2 Stay at current level
  - 3 (DK)
  - 4 (Refused)
  - 5 (Lowered; that is, made stricter)

\_\_\_\_( 7/69)

## CRASH/INJURY ITEMS

- 131a. In the past two years, have you been involved in a crash while driving a motor vehicle in which there was damage to your vehicle or another vehicle?
  - 1 Yes (Continue)

2	No	(Skip t	o #135a)
3	(DK)	(Skip t	o #135a)
4	(Refused)	(Skip t	o #135a)

\_\_\_\_( 7/70)

133.			Was anyone injured (in any of these	
	crash	es)?		
			,	
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		( 7/71)
134.	(If c	ode "1-6" in #15, ask:)	Had you consumed alcohol within two	
	hours	prior to the crash?		
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		(7/72)
	_	(11020001)		
135a.			hs, have you been in a crash where	
		you were a passenger?		
		1 Yes - (Continue)		
		2 No	(Skip to #139)	
		3 (DK)	(Skip to #139)	
		4 (Refused)	(Skip to #139)	( 7/73)
137.	Was a	nyone injured (in any of	these crashes)?	
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		( 8/12)
		(112 - 112 - 117		
138.	uad	our driver sensumed elsel	hol within two hours before getting	
130.		d the wheel?	nor within two hours before getting	
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		( 8/13)

139.	strat drivi follo think neith	his last section, I am going to ask you about specific egies that some believe will reduce or prevent drunk ng. In your opinion, how effective do you think each of the wing strategies would be? For each, please tell me if you the strategy would be very effective, somewhat effective, er effective nor ineffective, not very effective, or not at ffective. How about (read and rotate A-G)?
	1	Very effective
	2	Somewhat effective
	3	Neither effective nor ineffective
	4	Not very effective, OR
	5	Not at all effective
	6	(DK)
	7	(Refused)
	A.	Increasing police and other law enforcement efforts to arrest drunken drivers ( 9/39)
	В.	Reducing the number of places selling alcohol or making it more difficult to get alcohol at certain times or days of the week ( 9/40)
	c.	Increasing the costs of alcohol, for example, through higher taxes on liquor sales ( 9/41)
	D.	Making bars and stores that sell alcohol more legally responsible for selling to minors or drunk patrons, for example, by making them financially responsible for damages caused by drunk people who leave their place, or revoking or suspending the liquor licenses of those who sell to minors  ( 9/42)
	E.	Providing people who have had too much to drink an alternate way of getting home other than driving themselves
	F.	Limiting the amount of certain types of alcohol advertising and producing more public service announcements about the dangers of drunken driving
	G.	Making treatment for alcoholism and alcohol abuse problems more available to people (9/45)

(NOTE TO INTERVIEWER: Thank respondent and tell them they are almost done)

(GO TO DEMOGRAPHICS)

#### DEMOGRAPHICS BEGIN HERE:

### (INTERVIEWER READ:)

Now, I have just a few last questions ONLY to help us make sure we have included enough people from different backgrounds so that our poll will be accurate. [(If necessary, say:) I want to assure you again that Gallup has a strict policy never to release this information outside of our company.]

D1. AGE: What is your age? (Open ended and code actual age)

99 99+

DK (DK)

RF

(Refused)

(Continue)

(Continue)

(8/14) (8/15)

D1a. AGE: (If "DK" or "RF" in D1, ask:) Could you please tell me in which of the following age categories you belong? (Read 1-5)

- 1 16 to 20
- 2 21 to 29
- 3 30 to 45
- 4 46 to 64, OR
- 5 65 and older
- 6 (DK)
- 7 (Refused)

\_\_\_\_\_( 8/16)

D1b. How many children, under 18 years of age, currently reside in your household? Please do not count students living away from home or boarders. (Open ended and code actual number)

- 0 None
- 7 7 or more
- 8 (DK)
- 9 (Refused)

\_\_\_\_ ( 9/46)

D2.	EMPLO.	retired,	ently employed for the control of th	ooking for work, l, a homemaker,		
	01	Something else (list)				
	02	(DK)				
	03	(Refused)				
	04	HOLD				
	05	HOLD				
	06	Employed full-time				
	07	Employed part-time				
	08	Unemployed and looking for	work			
	09	Retired				
	10	Going to school				
	11	Homemaker				
	12	(Disabled)				
					( 8/17)	(8/18)
			· · · · · · · · · · · · · · · · · · ·		( 8/1/)	( 0/10)
D3.	EDUCA:		ighest grade or eted? (Open ended			
	01	No formal education				
	02	First through 7th grade				
	03	8th grade				
	04	Some high school				
	05	High school graduate				
	06	Some college				
	07	Four-year college graduate				
	08	Some graduate school				
	09	Graduate degree				
	10	(DYC)				
	10	(DK)				
	11	(Refused)				
					( 8/19)	( 8/20)
			4			
D4.	MARITA		currently mar: d, widowed, or si			
	1	Married				
	2	Divorced				
	3	Separated				
	4	Widowed				
	5	Single				
	6	(DK)				
	7	(Refused)			(	8/21)

D5.	ETHNI	CITY:	Are you o descent?	f Hispanic or D	Latino origin or	•	
	1	Yes - (Co	ntinue)				
	2	No		(Skip to D6)			
	3	(DK)		(Skip to D6)			
	4	(Refused)		(Skip to D6)		( 8/22	?)
D5a.			D5, ask:) W ? (Read 01-07		y is your primary		
	02	Mexican					
	03	Spanish					
	04	South Ameri	can				
	05	Central Ame	rican				
	06	Puerto Rica					
	07	Something e	lse				
	08 09 10	(Multiple - (DK) (Refused)	cannot choos	se one)			
	<u></u>					( 9/47)	( 9/48)
D6.	RACE:	backg			ribes your racial then 01)? (Allow		
	01	OR, some ot	her racial g	roup (list)			
	02	(DK)		(Skip to D7a)			
	03	(Refused)		(Skip to D7a)			
	04	HOLD					
	05	HOLD					
	06	White					
	07	Black or Af	rican-America	an			
	80		udes Chinese	,			
			Japanese,				
			ian, Korean, e, other Asia	nn)			
	09		e, other Asia dian or Alas				
	10	(Hispanic)		1411 1440170			
	11	Native Hawa	iian				
	12	Other Pacif	ic Islander				
					1		
					1st Resp:	( 8/23)	( 8/24)
		<del></del>				( 0,23,	( 0/21/
					2nd		
					Resp:	( 9/51)	( 9/52)
					2		
					3rd Resp:	( 9/53)	( 9/54)
					keap.	( )/33/	
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## (If code "10" in D6, Continue; Otherwise, Skip to "Note" before D6b)

01	Other (list)		
02	(DK)		
03	(Refused)		
04	HOLD		
05	HOLD		
06	White-Hispanic		
07	Black-Hispanic		
08	(Hispanic/Respondent refused		
	to discriminate)		
		( 8/37)	( 8
	(If more than ONE response in D6, Continue; Otherwise, Skip to D7a)		
	h ONE of these groups; that is <u>(responses in D6b, as opriate)</u> BEST describes you? (Open ended and code)		
01	OR, some other racial group (list)		
02	(DK)		
03	(Refused)		
	(Refused)		
03			
03 04	HOLD HOLD White		
03 04 05	HOLD		
03 04 05 06	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean,		
03 04 05 06 07 08	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian)		
03 04 05 06 07 08	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian) American Indian or Alaskan Native		
03 04 05 06 07 08	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian)  American Indian or Alaskan Native (Hispanic)		
03 04 05 06 07 08	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian)  American Indian or Alaskan Native (Hispanic) Native Hawaiian		
03 04 05 06 07 08	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian)  American Indian or Alaskan Native (Hispanic)		
03 04 05 06 07 08	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian)  American Indian or Alaskan Native (Hispanic) Native Hawaiian		
03 04 05 06 07 08	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian) American Indian or Alaskan Native (Hispanic) Native Hawaiian Other Pacific Islander	( 9/55)	( 9
03 04 05 06 07 08 09 10 11 12	HOLD  White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian) American Indian or Alaskan Native (Hispanic) Native Hawaiian Other Pacific Islander	( 9/55)	( 5
03 04 05 06 07 08 09 10 11 12	HOLD HOLD White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian) American Indian or Alaskan Native (Hispanic) Native Hawaiian Other Pacific Islander  you a licensed driver; that is, do you have a valid driver's nse?	( 9/55)	( 9
03 04 05 06 07 08 09 10 11 12 Are	HOLD HOLD White Black or African-American Asian (includes Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, other Asian) American Indian or Alaskan Native (Hispanic) Native Hawaiian Other Pacific Islander  you a licensed driver; that is, do you have a valid driver's nse? Yes	( 9/55)	( 5

D10. D11a.	GENDI 1 2	Male Female (1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT. the number of TELEPHONES in the household)  1 Single phone number 2 More than one phone number 3 (DK) 4 (Refused) (9/49)  If code "1", "3" or "4" in D11a, Autocode "1" in D11, and Skip to "Interviewer Read" after D11; Otherwise, Continue)
Dlla.	1 2	Male Female
	1	Male Female (1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT. the number of TELEPHONES in the household)  1 Single phone number 2 More than one phone number 3 (DK)
	1	Male Female (1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT. the number of TELEPHONES in the household)  1 Single phone number 2 More than one phone number 3 (DK)
	1	Male Female (1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT. the number of TELEPHONES in the household)  1 Single phone number 2 More than one phone number 3 (DK)
	1	Male Female (1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT. the number of TELEPHONES in the household)  1 Single phone number
	1	Male Female (1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT. the number of TELEPHONES in the household)  1 Single phone number
	1	Male Female( 1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT, the number of TELEPHONES in the household)
	1	Male Female (1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines,
	1	Male Female  ( 1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO
	1	Male Female( 1/44)  For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have
	1	Male Female( 1/44)  For analysis purposes only, can you please tell me, does
D10.	1	Male
D10.	1	Male
D10.	1	Male
D10.	GENDI	ER: (Do not ask; code only)
D10.	GENDE	ER: (Do not ask; code only)
	<del></del>	
		(8/28 - 8/30)
	RF	(Refused)
	DK	(DK)
	3-	
		nt? (Open ended and code actual number of pounds)
		on to another, depending on their body weight. For sification purposes only, please tell me your approximate
D9.		lly, the effects of alcohol on driving can vary from one
	,	(8/27)
	8 9	(DK) (Refused) ( 8/27)
	_	
	7	\$100,000 or more
	6	\$75,000 to less than \$100,000, OR
	5	\$50,000 to less than \$75,000
	4	\$30,000 to less than \$50,000
	3	\$15,000 to less than \$30,000
	1 2	Less than \$5,000 \$5,000 to less than \$15,000
	1	Torr than dr. 000
		Your best estimate is fine. Would it be (read 1-7)?
		your total household income before taxes in 1998? Your best estimate is fine. Would it be <u>(read 1-7)</u> ?

D11.	used	strictly fo	ng lines dedicated to a fax machine, modem or business purposes, how many different phone ave coming into your household? (Open ended and	
	1	One		
	2	Two	•	
	3	Three		
	4	Four		
	5	Five or mon	ce ·	
	6	(DK)		
	7	(Refused)		 ( 8/36)
			Gallup Organization of Lincoln, Nebraska. I'd like to thank you for your time. Our mission is to "help people be heard", and your opinions are important to Gallup in accomplishing this.  (VALIDATE PHONE NUMBER AND THANK RESPONDENT)	
			INTERVIEWER I.D.#	 ( 2/41- 2/44)
** <u>(CO</u>	DE ONL	Y:) Was	this interview conducted in English or Spanish?	
	1	English		
	2	Spanish		( 9/80)
		-		

vkt\larsen\nhtsa-drinking & driving-v1-910

## **Appendix B-2**

Survey Instrument – English Language- Control Group Survey Version

## CRT

## FINANCE, NHT46952 F952

VERSION II

## FIELD FINAL - OCTOBER 12, 1999 (Columns are "card/column")

		W G 0	
AC1659	EGIGEDATION #10500	THE GALLUP ORGANIZATION	
PROJECT R NHTSA	EGISTRATION #125030	X APPROVED BY CLIENT	
	n DC	A APPROVED BY CLIENT	
Washington, DC National Drinking and Driving		X APPROVED BY PROJECT MANAGER	
Version II		AFIROVED BI FRODECI MANAGER	
	n/Dawn Balmforth	OMB Clearance #2127-0604	
Stacey Ri	•		
_	, Specwriter		
October, :		n=600	
-			
I.D.#:		(1-6)	
**AREA COI	DE AND TELEPHONE NUMBER:		
		/ 1/20 1/41	
		( 1/32 - 1/41)	)
**STATE:			
01	Alabama - SC	31 Nebraska - NC	
02	Alaska - W	32 Nevada - W	
04	Arizona - W	33 New Hampshire - NE	
05	Arkansas - SC	34 New Jersey - NE	
06	California - W	35 New Mexico - W	
08	Colorado - W	36 New York - NE	
09	Connecticut - NE	37 North Carolina - SC	
10	Delaware - SC	38 North Dakota - NC	
11	Washington D.C SC	39 Ohio - NC	
12	Florida - SC	40 Oklahoma - SC	
13	Georgia - SC	41 Oregon - W	
15	Hawaii - W	42 Pennsylvania - NE	
17	Idaho - W	44 Rhode Island - NE	
17	Illinois - NC	45 South Carolina - SC	
18	Indiana - NC	46 South Dakota - NC	
19	Iowa - NC	47 Tennessee - SC	
20	Kansas - NC	48 Texas - SC	
21	Kentucky - SC	49 Utah - W	
22	Louisiana - SC	50 Vermont - NE	
23	Maine - NE	51 Virginia - SC	
24	Maryland - SC	53 Washington - W	
25	Massachusetts - NE	54 West Virginia - SC	
26	Michigan - NC	55 Wisconsin - NC	
27	Minnesota - NC	56 Wyoming - W	
28	Mississippi - SC		
31	Missouri - NC		
32	Montana - W	·	

**REG	ION:	(Code from "Fone" file)			
	1	NE			
	2	NC			
	3	SC			
	4	W			(20/02)
	•				(20/03)
**ZIP	CODE:	(Code from "Fone" file)			
		•		(20/08	20/10)
				(20/08 -	- 20/12)
	Hello	, this is , f	From The Gallup Poll, calling on	ı	
			t of Transportation. We are	•	
	condu	cting a study of American's	opinions about current drinking		
	and d	riving issues. The interview	is completely confidential and		
	no id	entifying information will	be released outside The Gallup		
	Organ	ization. It only takes about	fifteen minutes	•	
	OI gair.	about	Tilleen mindles.		
S1.	Inclu	ing yourself, how many mem	bers of this household are age		
	16 or	older? (Open ended and code	e actual number)		
	00	None - (Thank and Termina	ite)		
	01	One - (If other than resp	andent calc to		
	01	speak to that person, and S	Skin to S3)		
		openia de dinas person, una s			
	02-				
	96	96+ (Co	ntinue)		
	97	Not available - (Set time	to call back)		
	98		ank and Terminate)		
	99	(Refused) (Th	ank and Terminate)		
				(8/31)	( 8/32)
				,	( -,,
S2.	Of th	ose <u>(response in \$1)</u> adults	s, I need to speak to the one		
	who ha	ad the most recent birthday.			
	1	Male respondent available	(Continue)		
	2	Female respondent available			
	_				
	7	Respondent not available -			
		(Set time to call back)			
	8	(Refused) - (Thank and Te	rminato) '	0/221	
	J	The Albert - (Thank and Te	Imituace)	8/33)	

S3.		n respondent is on the line: say) I need to confirm that are 16 years of age or older. Is that correct?	
	1	Yes - (Continue)	
	2	No - (Reset to S1)	
	3 4	(DK) (Thank and Terminate) (Refused) (Thank and Terminate) ( 8/34)	
S4.		you a permanent resident at this household at which I've hed you, and not a visitor or guest?	
	1	Yes, permanent resident - (Continue)	
	2	No - (Ask to speak with permanent resident, 16 or older, and Reset to "Intro")	
	3	(DK) - (Ask to speak with permanent resident, 16 or older, and Reset to "Intro")	
	4	(Refused) - (Ask to speak with permanent resident, 16 or older, and Reset to "Intro") ( 8/35)	
(IN	rervie:	<u>WER READ:)</u> First, I have some questions about your driving habits.	
1.		often do you usually drive a car or other motor vehicle? d you say that you usually drive (read 1-5)?	
	1 2 3 4 5	Every day Several days a week Once a week or less Only certain times a year, OR Never	
	6 7	(DK) (Refused)(5	5/14)

Skip to "Interviewer Read" before #15;
Otherwise, Continue)

2a.	drivi	king about a TYPICAL day, about how many hours do you spending a car, truck, motorcycle or other motor vehicle? (Open and code)			
	1 2 3 4 5	Less than half an hour Half an hour to less than one hour One hour to less than two hours Two hours to less than three hours Three hours to less than four hours Four hours or more			
	7 9	(DK) (Refused)		(	9/23)
4.	alcoh state	following questions deal with attitudes about drinking nolic beverages and driving. For each of the following ements, please tell me whether you strongly agree, somewhat e, somewhat disagree, or strongly disagree. (Read and rotate			
	1 2 3 4	Strongly agree Somewhat agree Somewhat disagree Strongly disagree			
	5 6	(DK) (Refused)			
	Α.	Most people who drive after drinking too much alcohol are alcoholics or problem drinkers ( 5/15)			
(Ther	e is n	no B) HOLD	0	_ (	5/16)
	C.	People should not be allowed to drive if they have been drinking any alcohol at all ( 5/17)			
(Ther	e are :	no D and E) HOLD 0	( !	5/18-	5/19)
	F.	The legal blood alcohol limit should be set lower; that is, stricter, for people who drive with children in their car			
(Ther	e are	no #5-#14)			
(INTE	RVIEWE	Now, I would like to ask you some questions about YOUR OWN behavior.			

15.	any cool	ng the last twelve months, how often did you usually drink alcoholic beverages, including beer, light beer, wine, wine ers, or liquor? Would you say you usually drank alcoholic rages (read 1-7)?		
	1	Every day		
	2	Nearly every day		
	3	Three or four days a week		
	4	One or two days a week		
	5	Two or three days a month		
	6	Once a month or less, OR		
	7	(Never drank alcoholic beverages in last twelve months) - (Skip to "Interviewer Read" before #57)		
	8	(DK) (Skip to "Interviewer Read" before #57)		
	9	(Refused) (Skip to "Interviewer Read" before #57)	( 5/20	)
			\	,
17.	beverand ask:	you drink alcoholic beverages, which ONE of the following rages do you drink MOST OFTEN? Do you usually drink (read rotate 06-10, then 01)? (If respondent says "it varies", Which would you say you drank the most servings of in the year?		
	01	OR, something else (list)		
	02	(DK)		
	03	(Refused)		
	04	HOLD		
	05	HOLD		
	0.0	<b>Page</b>		
	06 07	Beer Light beer		
	08	Wine		
	09	Wine coolers		
	10	Hard liquor or mixed drinks		
			( 5/23)	( 5/24)
			( 3/23)	( 3/24)
18.	in # 12-or coole wine,	you drink [(response in #17)], about how many [(if code "06" 17, say:) 12-ounce regular beers/(if code "07" in #17, say:) unce light beers/(if code "09" in #17, say:) 12-ounce wine ers/(if code "08" in #17, say:) five-ounce glasses of /(if code "10" in #17, say:) drinks or shots of hard or/(if code "02" or "03" in #17, say:) drinks] do you usually k per sitting? (Open ended and code actual number)  Less than one (DK) (Refused)		
			( 5/25)	( 5/26)
			-	

- 19a. About how old were you when you first started drinking alcohol, not counting small tastes or sips of alcohol? (Open ended <a href="mailto:and-code-actual age">and-code-actual age</a>)
  - 96 96 years or older
  - 97 (Never drink/Drank)
  - 98 (DK)
  - 99 (Refused)

(9/57) (9/58)

#### (INTERVIEWER READ:)

People often drink different amounts of alcohol depending on the time, place or occasion. On some days they may drink small amounts, on some days they may drink medium amounts, and on other days they may drink large amounts. Think about the days when you drank alcohol during a typical thirty-day period (one month) in the past six months.

- [NOTE TO INTERVIEWER: One standard drink is approximately 12 ounces

  (341ml) bottle of beer (9% alcohol), 1 1/2 ounce (43ml) shot of
  liquor (40% alcohol), 5 ounce (142ml) glass of wine (11%
  alcohol), 3 ounce (85ml) glass of Sherry, Port or Vermouth (18%
  alcohol)]
- 20. On how many of the thirty days in this typical one month period did you have any alcoholic beverages to drink? (Open ended <a href="mailto:and-code-actual number">and-code-actual number</a>)
  - 00 None (Skip to #26)
  - 01-
  - 30 30 (Everyday)

(Continue)

- DK (DK) (probe for best estimate;
  If still "DK", Skip to #26)
- RF (Refused) (Skip to #26)

(5/27) (5/28)

21. (If code "01-30" in #20, ask:) Now, I would like to know how many drinks you had on the days that you did drink. First, of those (response in #20) days that you did drink, on how many days did you have one or two drinks? (Open ended and code actual number) 00 None - (Skip to #26) DK (DK) - (probe for best estimate; If still "DK", Skip to #26) RF (Refused) - (Skip to #26) (5/29) (5/30) 22. Of the (response in #20 minus response in #21) remaining days, on how many did you have three or four drinks? (Open ended and code actual number) 00 None - (Skip to #26) (DK) - (probe for best estimate; DK If still "DK", Skip to #26) (Refused) - (Skip to #26) RF (5/31) (5/32)23.

- 23. Of the <u>(response in #20 minus response in #21, minus response in #22)</u> remaining days, on how many did you have five or more drinks? (Open ended <u>and code actual number)</u>
  - 00 None (Skip to #26)

01-

30 Everyday

(Continue)

DK (DK) - (probe for best estimate;
If still "DK", Skip to #26)

RF (Refused) - (Skip to #26)

(5/33) (5/34)

(If code "DK" or "RF" in #21, #22 or #23,

Skip to "Note" at #24;

If total of #21-#23 does NOT EQUAL

response in #20, Continue;
Otherwise, Skip to "Note" at #24)

(INT)	ERVIEWER READ:)	I have down that you said you drank a total of <a href="(response in #20)">(response in #20)</a> days of the thirty-day period. On <a href="(response in #21)">(response in #21)</a> days you had only one or two drinks, on <a href="(response in #22)">(response in #22)</a> you had only three or four drinks, and on <a href="(response in #23)">(response in #23)</a> days, you had five or more drinks. This totals to <a href="(response in #23a)">(response in #23a)</a> days of drinking. Can you help me fix this. <a 00-<="" href="(Return to #21 and adjust responses, as needed)&lt;/a&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;2 No&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;( 5/80)&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;24.&lt;/th&gt;&lt;th&gt;more drinks, how&lt;/th&gt;&lt;th&gt;in #23, ask:) On the days when you had five or many drinks did you usually have on that day? code actual number) (NOTE TO SURVENT: Block&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;RF (Refused)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;( 5/35)&lt;/td&gt;&lt;td&gt;( 5/36)&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;25.&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;IMUM number of drinks you had in any one day?  ode actual number) (NOTE TO SURVENT: Block " th=""><th></th><th></th></a>		
			( 5/37)	( 5/38)
26.		should cut down on your drinking?		
	1 Yes 2 No			
	3 (DK) 4 (Refused)			( 5/39)
27.	Have people annoye	ed you by criticizing your drinking?		
	l Yes			
	2 No			
	3 (DK) 4 (Refused)			( 5/40)
28.	Have you felt bad	or guilty about your drinking?		
	1 Yes			
	2 No			
	3 (DK)			( 5 /43 )
	4 (Refused)			(5/41)

29.	Have you had a drink first thing in the morning to steady your nerves or get rid of a hangover?		
	1 Yes		
	2 No		
	3 (DK) 4 (Refused)		(5/42)
	(If code "1-4" in #1, and code "1-6" in #15, Continue;		
	Otherwise, Skip to "Interviewer Read" before #57)		
31.	How many [(if code "01", "02" or "03" in #17, say:) drinks/(if code "06" in #17, say:) 12-ounce regular beers/(if code "07" in #17, say:) 12-ounce light beers/(if code "09" in #17, say:) 12-ounce wine coolers/(if code "08" in #17, say:) five-ounce glasses of wine/(if code "10" in #17, say:) drinks or shots of hard liquor] could YOU drink in two hours before you, personally, feel		
	you should NOT DRIVE? (Open ended and code actual number)		
	00 Less than one drink		
	96 No limit DK (DK)		
	RF (Refused)		
		( 5/43)	( 5/44)
DRI	NKING AND DRIVING		
33.	Now, I'd like to ask a few questions about your own experience. In the past twelve months, have you ever driven a motor vehicle WITHIN TWO HOURS AFTER drinking alcoholic beverages?		
	1 Yes - (Continue)		
	(Ohio to #52)		
	2 No (Skip to #52) 3 (DK) (Skip to #52)		
	4 (Refused) (Skip to #52)		( 5/45)
34.	(If code "1" in #33, ask:) About how many times in the past twelve months would you say that you have driven WITHIN TWO HOURS AFTER drinking any alcohol? (Open ended and code actual number)		
	000 None/Never - (Skip to #52)	÷	
	DK (DK) - (Continue)		
	RF (Refused) - (Skip to #52)		
		( 5/46	5/48)

how t	many times have you driven a motor vehicle within two hours redrinking alcoholic beverages? (Open ended and code actual er)		
00	None/Never		
DK	(DK)		
RF	(Refused)		
		(5/49)	( 5,
		, -, -,	•
	code "001-365" or "DK" in #34, ask:) Please think about the		
	recent occasion that you drove within two hours of drinking nolic beverages. Where did you drink on that occasion? (Open		
	nolic beverages. Where did you drink on that occasion? (Open and code)		
criaco	and code;		
01	Other (list)		
02	(DK)		
03	(Refused)		
04	HOLD		
05	HOLD		
06	Your home		
07	Friend's home		
08	Other residence		
09	Bar/Tavern		
10	Restaurant		
11	Work		
12	Country Club		
13	HOLD		
14	Wedding		
		( 5/51)	( 5
Uo	many drinks did you have on that occasion? (Open ended and		
	actual number)		
<del></del>			
00	Less than one		
DK	(DK)		
RF	(Refused)		
		( 5/53)	( 5
			,
	over what length of time did you have those drinks? (Open		
ended	and code actual number of hours)		
00	Laga than one hour		
00 DK	Less than one hour (DK)		
RF	(Refused)		
M.	(was about		
		( 5/55)	( 5

	nd code actual number	drink did you start driving? (Open of minutes) (SURVENT: Block "121-		
997")				
000 L	ess than one minute/			
	Drove while drinking			
	DK) Refused)			
RF (	Refused)			
			( 5/57 -	_ 5
	s your destination on nd code)	this most recent occasion? (Open	·	
01 0	ther (list)			
	DK)			
	Refused)			
	OLD			
	OPD			
06 Y	our home			
07 F:	riend's home			
08 0	ther residence			
	ar/Tavern			
10 R	estaurant			
11 W	ork			
			( 5/60)	(
About h	ow many miles did you	drive on this occasion? (Open ended		(
	ow many miles did you e actual number of mile	drive on this occasion? (Open ended		(
and code				(
and code 000 N 001 O	e actual number of mile one ne or less than one mil	es)		(
and code 000 N 001 O 997 9	one ne or less than one mile or or more miles	es)		(
000 No. 000 000 000 000 000 000 000 000 000 0	one ne or less than one mile 7 or more miles DK)	es)		(
000 No. 000 000 000 000 000 000 000 000 000 0	one ne or less than one mile or or more miles	es)		(
000 No 001 Oc 997 9 DK (1	one ne or less than one mile 7 or more miles DK)	es)		
and code 000 No 001 O: 997 9 DK (: RF (:	one ne or less than one miles Proposed one Refused)  y people, other than	le  yourself, were in the vehicle with	( 5/62 -	
and code 000 No 001 O: 997 9 DK (: RF (:  How man you? (O)	one ne or less than one miles 97 or more miles DK) Refused)  y people, other than pen ended and code actu	le  yourself, were in the vehicle with	( 5/62 -	
and code 000 No 001 O: 997 9 DK (: RF (:  How man you? (O)	one ne or less than one miles Proposed one Refused)  y people, other than	le  yourself, were in the vehicle with	( 5/62 -	
and code 000 N 001 O: 997 9 DK (: RF (:  How man you? (O) 00 N	one ne or less than one miles 97 or more miles DK) Refused)  y people, other than pen ended and code actu	yourself, were in the vehicle with	( 5/62 -	
and code 000 No 001 O: 997 9 DK (: RF (:  How man you? (O) 00 No	one ne or less than one miles 97 or more miles DK) Refused)  y people, other than pen ended and code actu	le  yourself, were in the vehicle with	( 5/62 -	
and code  000 No  001 O:  997 9  DK (:  RF (:  How man  you? (O)  00 No  01-  11 1	one ne or less than one miles 97 or more miles DK) Refused)  y people, other than pen ended and code actu one - (Skip to #49)	yourself, were in the vehicle with	( 5/62 -	
and code  000 N  001 O  997 9  DK (  RF (   How man  you? (O)  00 N  01- 11 1  DK (	one ne or less than one miles 97 or more miles DK) Refused)  y people, other than pen ended and code actu one - (Skip to #49)	yourself, were in the vehicle with	( 5/62 -	
and code  000 N  001 O  997 9  DK (  RF (   How man  you? (O)  00 N  01- 11 1  DK (	one ne or less than one miles 97 or more miles DK) Refused)  y people, other than pen ended and code actu one - (Skip to #49)  l or more DK)	yourself, were in the vehicle with nal number)  (Continue)  (Skip to #49)	( 5/62 -	
and code  000 N  001 O  997 9  DK (  RF (   How man  you? (O)  00 N  01- 11 1  DK (	one ne or less than one miles 97 or more miles DK) Refused)  y people, other than pen ended and code actu one - (Skip to #49)  l or more DK)	yourself, were in the vehicle with nal number)  (Continue)  (Skip to #49)	( 5/62 -	<u>(</u>

44a.		code "01-11" in passengers were er)							
	00	None - (Skip	to #49)						
	01-								
	11	11 or more	(Co	ntinue)					
	DK	(DK)	(Sk	ip to #49)					
	RF	(Refused)	(Sk	ip to #49)					
						<del></del>		( 9/27)	( 9/28)
							_		
44b.	#44a)	code "01-11" in e passengers under code actual number	r age 15 were						
	00	None							
	11	11 or more							
	DK RF	(DK) (Refused)							
		(Norubea)							
								( 9/29)	( 9/30)
				<del></del>			<del>-</del>	( ), 2),	( 3/30/
49.	On then	his most recent o	occasion, do	you thin	c you we	ere <u>(read</u>	1-2,		
	1	Well below the	legal limit						
	2	Just below the	legal limit,	OR					
	3 4	(Just over the : Well over the lo							
			0901 1110						
	5 6	(DK) (Refused)							
	7	(Just at the lin	mit)						( 5/67)
52.	you	t how many times in thought you were dand code actual	OVER THE L						
	000	None/Never -	(Skip to #54)	ı					
	365	Every day							
	DK	(DK)		ip to #54)					
	RF	(Refused)	(Sk	ip to #54)					
							<del></del>	( 5/68 -	5/70)

00	Less than one		
DK	(DK)		
RF	(Refused)		
		( 5/71)	
		( -,,	
driv	the past twelve months, have you ever deliberately avoided ing a motor vehicle because you felt you probably had too to drink to drive safely?		
_			
1	Yes - (Continue)		
2	Yes - (Continue)  No (Skip to "Interviewer Read" before #57)		
_			
2 3 4 (If	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you	( 6/12	?)
2 3 4 (If deli	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)	( 6/12	?)
2 3 4 (If deli	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it;	( 6/12	?)
2 3 4 (If delithat	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)	( 6/12	?)
2 3 4 (If deli that	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list)	( 6/12	2)
2 3 4 (If deli that 01 02	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK)	( 6/12	2)
2 3 4 (If deli that 01 02 03	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused)	( 6/12	?)
2 3 4 (If deli that 01 02 03 04	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD	( 6/12	?)
2 3 4 (If deli that 01 02 03 04 05	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD	(6/12	2)
2 3 4 (If deli that 01 02 03 04 05	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD Called a cab or ride	(6/12	2)
2 3 4 (If deli that 01 02 03 04 05	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)  code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD Called a cab or ride Rode the bus or subway	( 6/12	2)
2 3 4 (If deli that 01 02 03 04 05 06 07 08	No (Skip to "Interviewer Read" before #57) (DK) (Skip to "Interviewer Read" before #57) (Refused) (Skip to "Interviewer Read" before #57)   code "1" in #54, ask:) On the most recent time that you berately avoided driving after drinking, how did you do it; is, what did you do instead? (Open ended and code)  Other (list) (DK) (Refused) HOLD HOLD Called a cab or ride Rode the bus or subway Rode with some other driver	( 6/12	2)

## DESIGNATED DRIVERS

(INT	ERVIEWE	R READ:)	Now, I'd like to ask about riding with other who have been drinking.	's	
57.	with		welve months, did you ever RIDE in a motor vehicl you thought might have consumed TOO MUCH alcohol t		
	1	Yes -	(Continue)		
	2 3 4	No (DK) (Refused	(Skip to #61) (Skip to #61) (Skip to #61)	(	( 6/15)
59.	RODE alcoh	with a o	n #57, ask:) Please think back to the last time you driver you thought might have consumed TOO MUC ive SAFELY. Did you decide the driver was unsaf R you were riding in the motor vehicle?	CH C	
	1	Before			
	2	After			
	3 4	(DK) (Refused	1)	(	( 6/16)
61.	year, someo	how man ne else n	to ask you about designated drivers. In the pas y times, if any, have you ridden anywhere wit who had agreed to be the designated driver? (Ope actual number)	h	
	00	None -	(Skip to #64b)		
	365	Everyday	•		
	DK RF	(DK) (Refused	(Skip to #64b) (Skip to #64b)		
				( 6/17 -	6/19)
62.	you R any,	ODE somew within the contract of the contract	365" in #61, ask:) On the most recent occasion that where with a designated driver, how many drinks, is the two hours prior to driving did the designate fore driving? (Open ended and code actual number) as than one we drinks	.f	
				( 6/20)	( 6/21

In the past year, approximately how many times have you been a 64b. designated driver? (Open ended and code actual number) 00 None - (Skip to #66) 365 Everyday DK (DK) (Skip to #66) RF (Refused) (Skip to #66) (6/24 - 6/26)(If code "001-365" in #64b, ask:) On the most RECENT OCCASION that you were the designated driver, how many drinks, if any, did 65. you have in the two hours prior to driving? (Open ended and code actual number) 00 None/Less than one 97 97 or more (DK) DK (Refused) RF (6/27)(6/28)What is the maximum number of drinks a person SHOULD HAVE if he 66. or she is the designated driver? (Open ended and code actual number) None/ Less than one 00 97 or more 97 (DK) DK RF (Refused)

# (If code "5-7" in #1, OR code "7-9" in #15, Skip to "Interviewer Read" before #86; Otherwise, Continue)

(INTERVIEWER READ:)

I would like you to think about the occasions in the past year when you had an opportunity to go someplace where you knew alcohol would be available.

(6/29)

(6/30)

70a.	Thinking of any occasions in the past year when you knew alcohol would be available at some event, HOW OFTEN, if ever, did you plan ahead BEFORE going to an event to avoid drinking and driving afterward? (Open ended and code) (If necessary, read 0-4)								
	0 Never had occasion where knew alcohol								
		would be available							
	1	Never planned ahead before event							
	2	Rarely (a few times)							
	3 4	Occasionally, OR Frequently or almost every time							
	4	Frequencity of almost every time							
	5	(DK)							
	6	(Refused)	9/31)						
		HOSTING EVENTS							
(INTE	RVIEWE	Now, I'd like to ask you about social situations IN GENERAL.							
86.		you hosted a social event in the past year for adults in you made alcoholic beverages available?							
	1	Yes - (Continue)							
	2	No (Skip to "Interviewer Read" before #96)							
	3	(DK) (Skip to "Interviewer Read" before #96)							
	4	(Refused) (Skip to "Interviewer Read" before #96) ( 6/43)							
87.	you h	code "1" in #86, ask:) Thinking about the most recent event hosted where you made alcohol available, how concerned were about having guests from your party driving home impaired? If you say you were (read 1-2, 4-5)?							
	1	Very concerned							
	2	Somewhat concerned							
	3	(Neither concerned nor unconcerned)							
	4	Not very concerned, OR							
	5	Not at all concerned							
	_								
	6 7	(DK) (Refused) ( 6	5/44)						
	,	( g	7/44)						

impa		g, did you do :) What else?					
01	Other (list	=)					
02	(DK)						
03	(Refused)						
04	Nothing						
05	HOLD						
06	Have someon	ne else drive t	hem home				
07		i or ride servi	ce drive them	home			
80	Drive them			2			
09		spend the night	•				
10	Take their	keys					
11	Serve food						
12		alcoholic drink					
13		alcohol/Limit	arınk		-		
14	Designate o				•		
15	Collect key		la# 2 am m				
16 17	Drive them	eping accommod	acions				
18							
10	Limit servi	ing nours					
					1st		
					Resp:	(6/45)	( 6/46
		······································	<del></del>	<del></del>	Resp.	( 0/43)	( 0/30)
					2nd		
					Resp:	(6/47)	( 6/48
			<del></del>	<del></del>		( 0, 1,	( 0, 10,
					3rd		
					Resp:	( 6/49)	( 6/50)
				· <del></del>		, ,,,,,,,	( 0, 0
		INTERVE	NTION				
TERVIEW	ER READ:)	where interv	ke to ask yo vention may h re someone cou	ave beer	n possible;		
			g and driving.		con beopped		
you	were with a	, how many tim friend, who led <b>and code ac</b>	had too much				
000 DK RF	None (DK) (Refused)	(Skip to "Int	erviewer Read erviewer Read erviewer Read	before	#103)		
K.F	(Reluseu)	(DAID CO III	or tramer redu	Marore	π <b>- V</b> J /		
						1 6 15-	C /= 5 \
			···	<del></del>	····	( 6/51 -	6/53)

6/56)

100.	you w	ere in	01-365" in #96, ask:) Think of the MOST RECENT TIME this situation. Did you do something to try to stop riving?		
	1 2	Yes No			
	3 4	(DK) (Refu	(Skip to "Interviewer Read" before #103) sed) (Skip to "Interviewer Read" before #103)	( 6/57)	
102.	Did t	hey dr	ive anyhow?		
	1 2 3 4	Yes No (DK) (Refu	sed)	(	6/60)
SOCI	AL P	UNIS	HMENT		
(INTE	RVIEWE	R READ:	Now, I'd like to ask you about how you view the general problem of drinking and driving.		
103.	a thr	eat to	nion, how much is drinking and driving by other people the personal safety of you and your family? Would you g and driving by others is <a href="(read 1-3))">(read 1-3)</a> ?		
	1 2 3	A min	or threat or threat, OR threat		
	<b>4</b> 5	(DK) (Refu	sed)	(	6/61)
105a.		by al	ur opinion, what percent of drivers who are impaired cohol (and then drive) will (read and rotate A-B)? ended and code actual percent)		
		000 100 DK RF	None 100%/All (DK) (Refused)		
		A.	Get stopped by the police		
				( 6/64 -	6/66)
		b.	Have a crash		
				( 6/67 -	6/69)

(INTE	RVIEWER READ:)	Please tell me how likely each of the following events are to happen IF A PERSON SUCH AS YOURSELF DROVE AFTER HAVING TOO MUCH TO DRINK.	
106.		ou to be stopped by a police officer for driving ad too much to drink? Is it (read 1-5)?	
	1 Almost cert 2 Very likely 3 Somewhat li 4 Somewhat ur 5 Very unlike 6 (DK)	/ ikely nlikely, OR	
	7 (Refused)		( 6/70)
108.	(drunk driving), arrested? Would i  1 Almost cert 2 Very likely	cain	
	<ul><li>3 Somewhat 1:</li><li>4 Somewhat ur</li><li>5 Very unlike</li></ul>	nlikely, OR	
	6 (DK) 7 (Refused)		( 6/71)
109.	driving), what i	RRESTED for driving while intoxicated (drunk s the likelihood that you would be convicted of ald it be (read 1-3)?	
	1 Almost cert 2 Very likely 3 Somewhat 1: 4 Somewhat un 5 Very unlike	/ ikely nlikely, OR	
	6 (DK) 7 (Refused)		( 6/72)

110.		would be your g intoxicated? (						
	01	Other (list)						
	02	(DK)						
	03	(Refused)						
	04	Nothing						
	05	HOLD						
	06	Being put on p	robation					
	07	Restricted dri	ver's lice	nse				
	80	License suspen	ded for a	period of t	ime			
	09	Being fined						
	10	HOLD						
	11	Going to jail						
	12	Being placed i						
	13	Having your na		ed in the n	ewspaper			
	14	Having car imp						
	15	Higher insuran						
	16	Having a crimi						
	17	Having friends	or family	find out				
						1st		
						Resp:	( 7/12)	(7/13)
						2nd		
						Resp:	(7/14)	(7/15)
		DOTA	77 T T T T T T T T T T T T T T T T T T		TNO			
				VD DRIV				
		<u>LA</u>	W ENFO	RCEMENT	•			
(INTE	RVIEWE					your actual		
			-		pinions of	drinking and		
		ar	iving laws	•				
113.	Have	you been ARRES	STED for	a drinking	and drivin	ng violation		
	anyti	me in the past	two years?					
	1	Yes - (Conti	nue)					
	2	No		/Chin +- #1	16)			
	2	No (DK)		(Skip to #1 (Skip to #1				
	4	(Refused)		(Skip to #1				(7/21)
	7	(verasea)		(SKID CO #.	110/			( //21)

114.	year	code "1" in #113, ask:) How many times in the past two s? (Open ended and code actual number) (NOTE TO SURVENT:		
	Bloc	k "11-99")		
	00	None - (re-code #113 to "2")		
	10	10 or more times		
	DK	(DK)		
	RF	(Refused)		
			( 7/22)	( 7/23)
116.		our opinion, should the penalties for violating drinking and ing laws be (read 1-6)?		
	1	Much more severe		
	2	Somewhat more severe		
	3	Somewhat less severe		
	4	Much less severe		
	5	Stay the same as they are now, OR		
	6	No penalties should be given		
	7	(DK)		
	8	(Refused)		(7/24)
		that makes it illegal to have an open container of alcohol inside the car while someone is driving? (NOTE TO INTERVIEWER: Someone does NOT have to be drinking the alcohol; the bottle, glass or can just needs to be open or have a broken seal. Open containers in the trunk or back part of a van or SUV do not count as the container needs to be within reach of the driver)  1 Yes 2 No		
		3 (DK) 4 (Refused)		( 9/33)
116b.		Do you think that your state SHOULD have this type of open-container law? (NOTE TO INTERVIEWER: Someone does NOT have to be drinking the alcohol; the bottle, glass or can just needs to be open or have a broken seal. Open containers in the trunk or back part of a van or SUV do not count as the container needs to be within reach of the driver)  1 Yes		
		2 No 3 (DK)		
		4 (Refused)		( 9/34)
				,,

119.			e are current laws and penalties at Would you say they are (read 1-	
	1	Very effective		
	2 3	Somewhat effective Not too effective, OR		
	4	Not at all effective		
	5	(DK)		( 5 (15)
	6	(Refused)		( 7/45)
SOBR.	IETY (	CHECK POINT ITEMS		
120.	where		ve you seen a sobriety checkpoint, fly by police to check for alcohol-	
	1	Yes - (Continue)		
	2	No	(Skip to #122)	
	3 4	(DK) (Refused)	(Skip to #122) (Skip to #122)	(7/46)
	*	(Relabea)	(DXIP CO #122)	( //40)
121.	a che		ow many times have you been through live months? (Open ended and code	
	000	None		
	365 DK	Every day (DK)		
	RF	(Refused)		
		· · · · · · · · · · · · · · · · · · ·		(7/47 - 7/49)
122.		think sobriety checkpointhe same as they are now	nts should be used more frequently, , or less frequently?	
	1	More frequently		
	2	About the same		
	3	Less frequently		
	4	(DK)		
	5	(Refused)		( 7/50)

### BAC LIMITS

123. The amount of alcohol in a person's body can be measured in terms of the "Blood Alcohol Concentration", which is often called the BAC (B-A-C) level. Have you ever heard of blood alcohol concentration or BAC levels? Yes - (Continue) 2 No (Skip to #125a) 3 (DK) (Skip to #125a) \_\_\_\_\_ ( 7/51) 4 (Refused) (Skip to #125a) 125. To the best of your knowledge, what is the specific BAC limit for your state at which a person would be considered legally intoxicated? (Open ended and code) (NOTE TO INTERVIEWER: If respondent indicates there are different levels based on age, ask for the limit for age 21 or older) 01 Other (list) 02 (DK) 03 (Refused) 04 HOLD 05 HOLD 06 .01/Point 01 07 .02/Point 02 08 .03/Point 03 09 .04/Point 04 10 .05/Point 05 .06/Point 06 11 12 .07/Point 07 13 .08/Point 08 14 .09/Point 09 15 .10/Point one "oh" (7/53) (7/54)125a. LEGAL LIMIT: (Autocode based on "State") (If code "02-05", "08-10", "13", "18", "19", "21", "22", "24-32", "34", "36", "38-40", "42", "44-47" or 1

"54-56" in "STATE":) .10 (point one zero)

2

eight)

(If code "01", "06", "11", "12", "15", "16", "17",

"20", "23", "33", "35", "37", "41", "48", "49", "50", "51" or "53" in "STATE":) .08 (point zero

(7/55)

126.	beers perio	s would a person about your size have to drink in a two-hour od to just reach the legal limit of (response in #125a)?  In ended and code actual number) (NOTE TO SURVENT: Block "31-	
	00 30	None/Less than one 30 or more	
	DK	(DK) - (probe for best estimate)	
	RF	(Refused)	
		( 7/56)	( 7/57)
127.		our opinion, how many drivers would actually be dangerous ers with a BAC at the legal limit? Would you say (read 1-5)?	
	1 2 3 4 5	All Most Some Few, OR None	
	6 7	(DK) (Refused)(	7/58)
130a.		In some states, the legal BAC limit for drivers under 21 is DIFFERENT than the limit for drivers over 21. In your state, is the legal limit the same for drivers under 21 as older drivers?	
		1 Yes, same	
		<pre>2 No, different 3 (DK)</pre>	
		4 (Refused)(	7/63)
130d.		FORM: (Randomly Autocode)	
		1 A (1/2 sample) - (Continue)	
		2 B (1/2 sample) - (Skip to "Note" at #130e) ( 7/67)	
		"1" in #130d,  R READ:) A person's BAC (blood alcohol content) is determined by factors such as gender, body weight, the amount of alcohol consumed and how much food they have recently eaten. An average 170 pound man would have to drink about five beers in a two-hour period on an empty stomach, to reach a BAC of .08 (point oheight). He would have to drink about six beers in an hour to reach a BAC of .10.	

130e.	curre BAC to a	ently .10 (poi level in your	int one-oh). In your opinion, s state be lowered; that is, made (point oh-eight), or should it of .10?	hould the stricter
	1 2 3	Stay at curr (DK)	t is, made stricter ent level	
	. <b>4</b> 5	(Refused) (Raised, or	made looser)	( 7/68)
130f.	curre BAC l a le	ently .08 (poi: level in your	25a, ask:) The BAC limit in your nt oh-eight). In your opinion, s state be raised; that is, made point one-oh), or should it state 08?	should the looser to
	1 2	Raised; that Stay at curr	is, made looser	
	3	(DK)	ent level	
	4	(Refused)		
	5	(Lowered; th	at is, made stricter)	( 7/69)
CRASI	H/INJURY 1	TEMS		
131a.	while	e driving a mo	ears, have you been involved intor vehicle in which there was other vehicle?	
	1	Yes - (Con	tinue)	
	2	No	(Skip to #135a)	
	3	(DK)	(Skip to #135a)	
	4	(Refused)	(Skip to #135a)	( 7/70)
133.	(If code ": crashes)?	l" in #131a, a	.sk:) Was anyone injured (in any	of these
	1 Yes			
	2 No			
	3 (DK)	4)		( 7/71)
	4 (Refu	ısed)		( ///1)
134.		1-6" in #15, a	<b>sk:)</b> Had you consumed alcohol w	ithin two
	1 Yes			
	2 No			
	3 (DK)	21		, -,
	4 (Refi	used)		( 7/72)

135a.		In the past two years, have you been in a crash where you were a passenger?	
		1 Yes - (Continue)	
		2 No (Skip to #139) 3 (DK) (Skip to #139) 4 (Refused) (Skip to #139)	( 7/73)
137.	(If c	ode "1" in #135a, ask:) Was anyone injured (in any of these es)?	
	1 2 3	Yes No (DK)	
	4	(Refused)	( 8/12)
138.		our driver consumed alcohol within two hours before getting d the wheel?	
	1 2	Yes No	
	3 4	(DK) (Refused)	( 8/13)
139.	stratedriving following think neither	ris last section, I am going to ask you about specific egies that some believe will reduce or prevent drunking. In your opinion, how effective do you think each of the wing strategies would be? For each, please tell me if you the strategy would be very effective, somewhat effective, er effective nor ineffective, not very effective, or not at ffective. How about (read and rotate A-G)?	
	1	Very effective	
	2 3	Somewhat effective Neither effective nor ineffective	
	4	Not'very effective, OR	
	5	Not at all effective	
	6 7	(DK) (Refused)	
	Α.	Increasing police and other law enforcement efforts to arrest drunken drivers ( 9/39)	
	В.	Reducing the number of places selling alcohol or making it more difficult to get alcohol at certain times or days of the week ( 9/40)	
	C.	Increasing the costs of alcohol, for example, through higher taxes on liquor sales ( 9/41)	
	D.	Making bars and stores that sell alcohol more legally responsible for selling to minors or drunk patrons, for example, by making them financially responsible for damages caused by drunk people who leave their place, or revoking or suspending the liquor licenses of those who sell to minors  (9/42)	

#### 139. (Continued:)

- E. Providing people who have had too much to drink an alternate way of getting home other than driving themselves
- F. Limiting the amount of certain types of alcohol advertising and producing more public service announcements about the dangers of drunken driving
- G. Making treatment for alcoholism and alcohol abuse problems more available to people \_\_\_\_\_ ( 9/45)

# (NOTE TO INTERVIEWER: Thank respondent and tell them they are almost done)

#### DEMOGRAPHICS BEGIN HERE:

#### (INTERVIEWER READ:)

Now, I have just a few last questions ONLY to help us make sure we have included enough people from different backgrounds so that our poll will be accurate. [(If necessary, say:) I want to assure you again that Gallup has a strict policy never to release this information outside of our company.]

- D1. AGE: What is your age? (Open ended and code actual age)
  - 99 99+

DK (DK) (Continue)
RF (Refused) (Continue)

(8/14) (8/15)

D1a. AGE: (If "DK" or "RF" in D1, ask:) Could you please tell me in which of the following age categories you belong? (Read 1-5)

- 1 16 to 20
- 2 21 to 29
- 3 30 to 45
- 4 46 to 64, OR
- 5 65 and older
- 6 (DK)
- 7 (Refused)

\_\_\_\_( 8/16)

(DEMOGRAPHICS CONTINUED)

D1b.	How many children, under 18 years of age, currently reside your household? Please do not count students living away fr home or boarders. (Open ended <u>and code actual number)</u>		
	<pre>0 None 7 7 or more 8 (DK) 9 (Refused)</pre>		( 9/46)
D2.	EMPLOYMENT STATUS: Are you currently employed full-time, par time, un-employed and looking for wor retired, going to school, a homemake or do you do something else?	k,	
	01 Something else (list)		
	02 (DK)		
	03 (Refused)		
	04 HOLD 05 HOLD		
	OS HOLD		
	06 Employed full-time		
	07 Employed part-time		
	08 Unemployed and looking for work		
	09 Retired 10 Going to school		
	11 Homemaker		
	12 (Disabled)		
		( 8/17)	(8/18)
D3.	EDUCATION: What is the highest grade or year of scho	oo l	
22.	you have completed? (Open ended and code)	-	
	01 No formal education		
	02 First through 7th grade		
	03 8th grade 04 Some high school		
	05 High school graduate		
	06 Some college		
	07 Four-year college graduate		
	08 Some graduate school		
	09 Graduate degree		
	10 (DK)		
	11 (Refused)		
		1 0 (7 0)	1 0 (20)
		(8/19)	( 8/20)

D4.	MARI	TAL STATUS:	Are you currently married, divorced, separated, widowed, or single?				
	1	Married					
	2	Divorced					
	3	Separated		;			
	4	Widowed		<u> </u>		-	
	5	Single					
	6	(DK)					
	7	(Refused)				( 8/21)	
D5.	ETHN	ICITY:	Are you of Hispa: descent?	nic or Latino	origin or		
	1	Yes - (C	ontinue)				
	2	No	(Skip t	o D6)			
	3	(DK)	(Skip to				
	4	(Refused)	(Skip to			( 8/22)	
D5a.	(T#	ando Bill in	D5, ask:) What woul	d von cavie vo	ur primary		
Doa.			1? (Read 1-7)	d you say is yo	ur primary		
	01	Cuban					
	02	Mexican					
	03	Spanish					
	04	South Amer	ican				
	05	Central Am	erican				
	06	Puerto Ric	an, OR				
	07	Something	else				
	80	(Multiple	- cannot choose one)				
	09	(DK)					
	10	(Refused)					
						(9/47) (9/48)	

. RACE		these groups best descr Read 06-09, 11-12, tonses)			
01	OR, some other ra	acial group (list)			
02	(DK)	(Skip to D7a)			
03	(Refused)	(Skip to D7a)			
04	HOLD				
05	HOLD				
06	White				
07	Black or African-				
80	Asian (includes ( Filipino, Japar Asian Indian, F	nese, Korean,			
09	Vietnamese, oth American Indian o				
10	(Hispanic)				
11	Native Hawaiian				
12	Other Pacific Isl	lander			
			1st		
			Resp:	( 8/23)	(8/24)
			2nd		
			_ Resp:	( 9/51)	( 9/52)
			2 4		
			3rd Resp:	( 9/53)	( 9/54)
		"10" in D6, Continue; kip to "Note" before D6b)			
	Otherwise, S	kip to "Note" before Dob)			
a. Do y	you consider yoursel	f to be white-Hispanic or	black-Hispanic?		
01	Other (list)				
02	(DK)				
03	(Refused)				
04 05	HOLD HOLD				
06 07	White-Hispanic				
07 08	Black-Hispanic (Hispanic/Respond	dent refused			
06	to discriminate				

## (If more than ONE response in D6, Continue; Otherwise, Skip to D7a)

D6b.		ONE of these groups; that is <u>(responses in D6b, as priate)</u> BEST describes you? (Open ended and code)		
	01	OR, some other racial group (list)		
	02	(DK)		
	03	(Refused)		
	04	HOLD		
	05	HOLD		
	06	White		
	07	Black or African-American		
	08	Asian (includes Chinese,		
		Filipino, Japanese,		
		Asian Indian, Korean,		
		Vietnamese, other Asian)		
	09	American Indian or Alaskan Native		
	10	(Hispanic)		
	11	Native Hawaiian		
	12	Other Pacific Islander		
			( 9/55)	( 9/56)
D7a.		ou a licensed driver; that is, do you have a valid driver's		
	licen	se?		
	1	Yes		
	2	No		
	3	(DK)		
	4	(Refused)		(8/26)
D8.	INCOM			
		your total household income before taxes in 1998?		
		Your best estimate is fine. Would it be <u>(read 1-7)</u> ?		
	1	Less than \$5,000		
	2	\$5,000 to less than \$15,000		
	3	\$15,000 to less than \$30,000		
	4	\$30,000 to less than \$50,000		
	5	\$50,000 to less than \$75,000		
	6	\$75,000 to less than \$100,000, OR		
	7	\$100,000 or more		
**	8	(DK)		
	9	(Refused)		(8/27)

D9.	perso	ly, the effects of alcohol on driving can vary from one on to another, depending on their body weight. For ification purposes only, please tell me your approximate at? (Open ended and code actual number of pounds)		
	DK RF	(DK) (Refused)		
			( 8/28 -	8/30)
D10.	GENDE	R: (Do not ask; code only)		
	1 2	Male Female	( 1/44)	
D11a.		For analysis purposes only, can you please tell me, does your household have a single phone NUMBER, or does it have more than ONE phone NUMBER coming into it? (NOTE TO INTERVIEWER: We need the number of different phone lines, NOT the number of TELEPHONES in the household)		
		1 Single phone number 2 More than one phone number		
		3 (DK)	,	9/49)
		4 (Refused)		9/49)
(NOTE	<u>:</u>	If code "1", "3" or "4" in D11a, Autocode "1" in D11, and		
		Skip to "Interviewer Read" after D11; Otherwise, Continue)		
D11.	used	NOT including lines dedicated to a fax machine, modem or strictly for business purposes, how many different phone RS do you have coming into your household? (Open ended and		
		One		
	2	Two Three		
	<b>4</b> 5	Four Five or more		
	6 7	(DK) (Refused)	(	8/36)
		(VALIDATE PHONE NUMBER AND THANK RESPONDENT)		
		INTERVIEWER I.D.#		( 2/41 2/44
** <u>(CO</u>	DE ONI	Was this interview conducted in English or Spanish?		
	1	English	,	9/80)
	2	Spanish	(	3/80)

# DOT HS 809 191 DECEMBER 2000

# National Highway Traffic Safety Administration

400 7th Street, SW Room 6240 Washington, D.C. 20590





U.S. Department of Transportation

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