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16. Abstract

As part of their evaluation procedures 28 of the 35 federally sponsored Alcohol Safety Action Projects (ASAPs) conducted roadside breathtesting surveys of nighttime drivers between 1970 and 1974. The University of Michigan Highway Safety Research Institute has brought data from 77 of these surveys together into an archive and has reformatted each data set into a single computer file containing 122 variables. The data from the 1973 national roadside breathtesting survey have also been included. This file contains breathtesting results, demographic data, information on alcohol consumption and knowledge about drinking and driving for 75,183 randomly selected drivers, plus 2,701 passengers.

The report contains the following: dates and sizes of the 78 surveys currently in the archive; breathtesting results by four time-day categories for each of the archived ASAP surveys; a codebook for the 122 variables in the master computer file along with the frequency and percentage distributions on each variable for the national survey and for the ASAP surveys, divided into four time periods; explanations of how the data are being stored for future use; and descriptive information about the variables being used.

The grouped data show the following percentages of drivers with BACs equal to or exceeding 0.10%: 3% of weekend-early drivers; 1% of weekday-early drivers; and 6% of weekend-late and weekday-late drivers.

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PREFACE

This archive of roadside survey data contains information obtained from 77 roadside surveys conducted by 26 different ASAPs. The authors would like to express their appreciation to all of the ASAPs who contributed their data to make this project possible. Also a special note of appreciation is due to Carl Christiansen, Robert Eckstein, and Kathleen Brown, who helped process the data and produce this report.

1.0 INTRODUCTION

In 1970 the National Highway Traffic Safety Administration (NHTSA) initiated a program of three-year demonstration projects to try out different approaches to reducing the toll of alcohol-related traffic accidents on American highways. In all, 35 of these demonstration Alcohol Safety Action Projects (ASAPs) were established in 35 different states with federal support. Nine of these ASAPs were initiated in FY '70, twenty in FY '71, and six in FY '72. Most of the projects involved a single county or metropolitan area, but in four states statewide projects were established involving many dispersed communities.

As would be expected in such a demonstration program, the NHTSA made sure that each project had included a large evaluation component to attempt to measure the degree of success of the various aspects of each particular project. One of the major methods used by most of the ASAP evaluation teams was the roadside breathtesting survey to determine the extent of alcohol impairment in the normal nighttime driving population. Since it is extremely difficult to obtain hard data on the extent of alcohol involvement in traffic accidents, the NHTSA encouraged each ASAP to use this type of roadside survey as one of its main evaluation tools. Ideally the roadside survey was to be conducted at a number of locations within the ASAP area at the beginning of the project, and then it was to be repeated annually at the same locations to measure any changes in the proportions of alcohol-impaired drivers on the road. Naturally it was hoped that these

successive surveys would find reductions in the numbers of impaired drivers which could be attributed to the activities of the ASAP project. The surveys were also considered useful for obtaining more information about the social and driving characteristics of excessive drinking drivers.

In the fall of 1973 the University of Michigan Highway Safety Research Institute (HSRI) conducted for NHTSA the first national roadside breathtesting survey, using 24 primary sampling areas throughout the United States.[1] The purposes of this survey were (1) to establish a baseline for the national measurement of the effectiveness of efforts to reduce driving after drinking too much; (2) to provide national data for comparison with the roadside data gathered in the ASAPs; and (3) to provide U.S. data for an international comparison of the drunk-driving problem proposed by the OECD-Initiated Group of Experts on the Effects of Alcohol and Other Drugs on Driver Behavior.[2]

To facilitate comparison of the national results with the results of the ASAP surveys, and to facilitate inter-ASAP comparisons, HSRI was asked to develop an archive of all of the data from the various roadside breathtesting surveys by bringing them together into a single computer file. It was learned that 28 of the 35 ASAPs had conducted roadside surveys as part of their evaluation methodology (all but New Hampshire, Boston, Nassau County (N.Y.), Baltimore, Delaware,

[1] Wolfe, Arthur C. 1973 U.S. National Roadside Breathtesting Survey: Procedures and Results, Ann Arbor, Michigan: Highway Safety Research Institute, May, 1974.

[2] Stroh, C. Roadside Surveys of Drinking Driving Behavior. Ottawa, Department of Transport, Vol. IV of the Alcohol and Road Safety Series.

Denver, and Phoenix.) Also it was determined that the one survey held in Marathon and Sheboygan Counties (Wis.) did not meet the NHTSA standards for accuracy of the breathtesting devices, and the data from this survey were not sought for the computer file.

The first step in developing the archive was to contact the remaining 27 ASAPs to find out if their roadside survey data were available and how much it would cost to prepare the data and appropriate documentation for transmission to HSRI. This contact was made in March, 1974, by a letter from NHTSA accompanied by a form to be returned to HSRI. ASAPs which did not return the form within a few weeks were then contacted by telephone by HSRI staff. By July of 1974 all 27 ASAPs had agreed to furnish the data from 79 roadside surveys, and by August all of the data from these 79 surveys had been received at HSRI, most in the form of magnetic tape records but some in boxes of IBM cards. Some of the ASAPs furnished the data and documentation without charge, but most of them requested reimbursement for their necessary expenses. These 79 surveys included all but two of the ASAP roadside surveys which had been conducted prior to May, 1974. The Puerto Rico ASAP had not kept the cards or computer file from its 1972 study (although the original interview protocols were available), and the Albuquerque ASAP had lost both the cards and the interview forms from its 1972 study.

2.0 PROCESSING THE DATA

The first stage in creating a single computer file for this mass of received data involved reading the questionnaires and codebooks to determine all the different variables which had been coded in the various surveys. Over 200 different variables were found in the 79 surveys. Some of these, such as sex of respondent and Blood Alcohol Concentration (BAC) reading, were available in every survey; but many items were asked on only one or a few surveys, and it was decided not to include these in the master computer file. Fortunately, there was considerable commonality in the variables and code categories available from the different surveys as a result of NHTSA's issuance of a list of "core" questions for roadside surveys in 1971 (slightly revised in 1972). However, a number of ASAPs had already conducted their first surveys prior to this issuance, and others chose not to conform precisely to the NHTSA guidelines. Nevertheless, there were many items which were available in a substantial number of surveys.

The master codebook which was established contains a total of 122 variables requiring a tape record 143 characters in length (see Appendix C). However, some of these just represent different codings of the same item content. For example, age was available in four different codings in the various surveys--as a discrete two-digit number, in a set of eight bracketed categories, and in two mutually exclusive sets of six bracketed categories. Therefore four different age variables were set up in the codebook (V40-V43) involving these four different coding forms, and the age

data from each survey were placed in as many of these four coding formats as possible. The actual number of separate content variables in the master codebook is about ninety. In general, when a given content area had been coded in different ways on a number of surveys, the master codebook preserves the fullest coding scheme that had fairly widespread usage, but it also provides one or more collapsed codings which contain the data from as many different surveys as possible. There are also a few variables in the codebook which were derived from other input variables because the HSRI staff considered them useful, not because they were already included in any of the obtained data sets.

Once the master codebook was established, the HSRI staff turned to the larger task of reformatting each of the received survey data sets into the master codebook format. This involved writing a separate computer program in the University of Michigan MIDAS system for almost every input survey, although there were a few ASAPs from which two or more survey data sets were received in identical format, so that a single reformatting program could be used. This reformatting operation was complicated by incomplete and inaccurate documentation concerning some of the input data sets and by problems of accessing some of the received tape files which had been constructed on different computer systems from those standard at the University of Michigan Computing Center. By October, 1974, these problems had not yet been resolved for the two data sets from Idaho ASAP, and these data have not been included in the currently described data file. It is anticipated that these data sets, along with the results of other

surveys conducted in 1974 and 1975, will be added to the computer file in the future.

Thus, as of the time of this report, the master file contains the data from 77 ASAP surveys plus the data from the 1973 national survey which were also converted into the master format. The file includes data from 75,183 individual nighttime drivers (plus 2,701 passengers in Vermont and the Tampa area), including a total of 73,121 driver cases which contain a BAC reading (plus 2,637 passenger cases). The full listing of included surveys with their dates and sizes is shown in Appendix A. None of the surveys contained all 122 master codebook variables and some contained only 30-40 of these variables, so many of the individual records in the master computer file contain more missing than valid data.

In addition to the master file, each of the original data sets has been preserved on magnetic tape along with the special reformatting programs.

3.0 SOME CHARACTERISTICS OF THE DATA

In analyzing the master file data the user must remember that the sources of the data are 78 different surveys conducted in many different places between the fall of 1970 and the spring of 1974. Six of the surveys are from the Tampa area, four are from Vermont, and four are from Mecklenberg County (N.C.), while the other ASAPs (except Puerto Rico) furnished data from either two or three surveys. The largest number of cases comes from South Dakota (10,787), where a continuing roadside survey operation has been functioning since October, 1971. All of the surveys gathered at least some of their data on Friday and Saturday nights, but many included data from weekday nights as well. Most of the surveys gathered data during the entire evening period from 7:00 or 8:00 p.m. to 3:00 or 4:00 a.m. (usually at three or four different locations each night), but a few were more limited in their scope. In terms of season of the year, the majority of the surveys were conducted in the fall, but four took place during the winter, nineteen during the spring, and seven during the summer.

The methodologies employed in the various surveys differed considerably. Some of the surveys deliberately chose roadside locations with a history of many alcohol-related accidents or arrests; others tried to use a more random approach but still had to limit themselves to medium- and high-volume roads in order to keep their roadside interviewing teams occupied. All of the surveys used a random method of selecting participating motorists from the passing traffic stream, but only a few provided the traffic-count data which would permit

weighting the results at each site by the site sampling rate (V12).

As might be expected, the survey teams differed considerably in their operational procedures and in the approaches taken to obtain respondent cooperation, and there were considerable differences in the degrees of cooperation obtained. Only a few surveys included records of refusing motorists in their data sets, so the user should be alerted that the response rate data in V32 are meaningful for only a minority of the included data sets. In addition, some respondents included in some surveys answered the general questions but refused to provide a breath sample.

Also included are a few respondents who provided a breath sample, but would not take the time to answer the whole three- to- ten-minute questionnaire. From a perusal of some of the survey reports published by the ASAPs it appears that the proportion of potential respondents from whom BAC readings were obtained varies from as much as 99% to as little as 76%.

All of the surveys used NHTSA-approved breathtesting devices (the Stephenson Breathalyzer R was most common - see V92), but the operators of those devices differed in their experience and expertise. Due to a concern about the possibility of many false-positive readings at a low BAC level, most analysts of roadside survey data tended to disregard readings of less than .02%. All but four of the surveys provided the BAC data in a full two-digit form (V88). However, on their second and third surveys the San Antonio and Fairfax (Va.) ASAPs keypunched only a collapsed version of the BAC data. Thus the BAC data for these two San Antonio surveys are included only in V90, and the BAC data for

these two Fairfax surveys are included only in V90 and V91. Unfortunately, this means that one must include a BAC of .01 as positive in an analysis using the entire set of archived surveys.

There were also differences among the surveys in the definition of eligible respondents. Some of the surveys interviewed only respondents who said they were residents of the ASAP area, while others interviewed any driver who was randomly stopped. In addition, three of the four Vermont surveys and all six of the Tampa surveys interviewed adult passengers as well as drivers. Also the Vermont and Maine ASAPs set up roadside survey sites in non-ASAP "control" areas as well as in their ASAP areas. The passenger and control-area data are included in the master computer file (distinguished on V6), but these data have not been included in the marginals printed in the master codebook (Appendix C).

It should also be mentioned that there are some differences among the surveys in the wordings of questions which have been placed in the same variable. For example, for V99, which concerns the respondent's estimate of the number of drinks he could have without reaching a BAC at which it would be illegal to drive a car, most of the surveys used a two-hour time referent, but some surveys had no time referent and some had a one-hour referent. (For the last situation one drink was arbitrarily added to the respondent's answer in creating V99.) This was the variable that had the greatest variation in meaning across the different surveys, but the user should be aware that there may be some minor differences in the wording of the question underlying other variables as well (see Appendix E).

4.0 ANALYSIS OF THE DATA

Since a major purpose of developing the roadside survey data archive was to permit comparison of the results of the national roadside survey with the results of the ASAP roadside surveys, the ASAP survey data which were collected at the same times as the national survey data have been tallied separately in the marginals of the master codebook (Appendix C). The first column of marginals contains the results of the ASAP data collected on weekend nights before 10 p.m.; the second column contains the results of the ASAP data collected on weekday nights before 10 p.m.; the third column contains the results of the ASAP data collected on weekend nights after 10 p.m.; the fourth column contains the results of ASAP data collected on weekday nights after 10 p.m.; and the fifth column contains the results of the national survey. Undoubtedly the results of greatest comparative interest are those for BAC (V89-V91), but the codebook marginals can be used for comparing the national and ASAP results for almost every variable in the master codebook which was included in the national survey.

In addition to the marginals in the codebook, Appendix B contains more detailed information concerning the BAC results obtained in each of the 77 ASAP surveys. There is one page for each of the 26 included ASAPs that compares the BAC results for all surveys conducted by that ASAP.

No further analysis of data is presented in this report. The main purpose of this report is to describe the development of the computer archive of roadside survey data and to inform highway safety analysts concerning the availability of this massive collection of data on the problem of alcohol use and drinking behavior. It

is hoped that this new computerized data resource will receive extensive and fruitful use. Appendix D contains a brief description of the current data storage format.

APPENDIX A

LIST OF SURVEYS IN THE ARCHIVE

SURVEY NUMBER*

ASAP Location	1	2	3	4	5	6
Maine (ASAP) 02						
Year	1971	1972	1973			
Month	10-12	9-10	9-11			
#Cases	487	492	505			
#BACs	487	492	505			
Maine (Control) 02						
Year	1971	1972	1973			
Month	10-12	9-10	9-11			
#Cases	241	242	234			
#BACs	241	241	234			
Vermont (ASAP Drivers) 02						
Year	1971	1971	1972	1973		
Month	7	10-11	8-10	9-10		
#Cases	334	65	220	224		
#BACs	334	63	216	217		
Vermont 06 (ASAP Passengers)						
Year		1971	1972	1973		
Month		10-11	8-10	9-10		
#Cases		75	320	297		
#BACs		72	299	266		
Vermont (Control Drivers) 06	See end of App. A for Control Passengers					
Year	1971	1971	1972	1973		
Month	7	10-11	8-10	9-10		
#Cases	188	44	184	187		
#BACs	188	44	178	178		
Indianapolis, Indiana 22						
Year	1971	1972	1973			
Month	11-12	11	11			
#Cases	650	640	640			
#BACs	608	602	615			

*The individual identification number for each survey consists of 2-digit state code plus the survey number at the top of the page.

SURVEY NUMBER

ASAP Location		1	2	3	4	5	6
Washtenaw Co., Michigan 23	Year	1971	1972	1973			
	Month	3-4	3-4	3-4			
	#Cases	748	1132	969			
	#BACs	746	1020	847			
Cinncinati, Ohio 24	Year	1972	1973				
	Month	4	9				
	#Cases	644	1133				
	#BACs	644	1119				
Sioux City, Iowa 31	Year	1972	1973	1974			
	Month	5	4-5	4-5			
	#Cases	793	757	715			
	#BACs	771	747	706			
Wichita, Kansas 32	Year	1971	1972	1973			
	Month	11	10-11	10-11			
	#Cases	911	741	737			
	#BACs	844	700	691			
Hennepin Co., Minnesota 33	Year	1972	1973				
	Month	4-5	5				
	#Cases	859	807				
	#BACs	847	782				
Kansas City, Missouri 34	Year	1971	1972	1973			
	Month	10-11	10-11	10-11			
	#Cases	1117	706	740			
	#BACs	985	657	682			
Lincoln, Nebraska 35	Year	1971	1972	1973			
	Month	11-12	11-12	10-11			
	#Cases	927	871	751			
	#BACs	772	802	695			

SURVEY NUMBER

ASAP Location		1	2	3	4	5	6
South Dakota							
37	Year	1971	1972	1973			
	Month	10-12	1-4,6-8,10-12	2-12			
	#Cases	810	4426	5551			
	#BACs	810	4426	5548			
Pulaski Co., Arkansas							
42	Year	1971	1972	1973			
	Month	11	11	11-12			
	#Cases	1212	803	810			
	#BACs	1211	800	810			
Tampa, Florida (Driver)							
43	Year	1972	1972	1973	1973	1974	1974
	Month	1	7	1	7	1	7
	#Cases	866	439	822	411	830	412
	#BACs	865	438	822	411	830	412
Tampa, Florida (Passenger)							
43	Year	1972	1972	1973	1973	1974	1974
	Month	1	7	1	7	1	7
	#Cases	522	220	346	271	410	178
	#BACs	521	216	346	271	407	178
Columbus, Georgia							
44	Year	1971	1972	1973			
	Month	10-12	10-11	10-11			
	#Cases	651	745	676			
	#BACs	637	739	670			
New Orleans, Louisiana							
45	Year	1971	1972	1973			
	Month	11-12	11-12	11-12			
	#Cases	799	769	700			
	#BACs	795	746	685			
Mecklenburg Co. North Carolina							
47	Year	1970	1971	1972	1973		
	Month	10	10	10	10		
	#Cases	778	741	659	767		
	#BACs	766	728	652	750		

SURVEY NUMBER

ASAP Location		1	2	3	4	5	6
Richland Co., North Carolina							
48	Year	1971	1972	1973			
	Month	11	11	11			
	#Cases	805	802	828			
	#BACs	766	802	828			
San Antonio, Texas							
49	Year	1971	1972	1973			
	Month	11	11	11			
	#Cases	634	652	652			
	#BACs	634	652	652			
Fairfax Co., Virginia							
50	Year	1972	1972	1973			
	Month	1	10	10			
	#Cases	1576	1488	1541			
	#BACs	1576	1477	1499			
Oklahoma City, Oklahoma							
53	Year	1971	1972	1973			
	Month	9	8	8			
	#Cases	1632	1730	1639			
	#BACs	1575	1722	1618			
Albuquerque, New Mexico							
66	Year	1971	1972	1973	1974		
	Month	5	completed but	5	4		
	#Cases	858	no data re-	919	935		
	#BACs	845	ceived	919	935		
Salt Lake City Utah							
67	Year	1972	1973				
	Month	5-6	5-6				
	#Cases	835	822				
	#BACs	832	808				
Los Angeles, California							
71	Year	1972	1973				
	Month	9	9				
	#Cases	1329	1080				
	#BACs	1294	1030				

SURVEY NUMBER

ASAP Location		1	2	3	4	5	6
Portland, Oregon							
72	Year	1971	1972	1973			
	Month	4	5	5			
	#Cases	519	559	550			
	#BACs	519	559	550			
King Co., Washington							
73	Year	1971	1972	1972			
	Month	11	6	12			
	#Cases	500	525	523			
	#BACs	500	525	523			
Puerto Rico							
82	Year	1972	1973				
	Month	|	6-7				
	#Cases	|	1236				
	#BACs	↓	1236				
		Completed but no data received.					
National Roadside Survey							
90	Year	1973					
	Month	10-12					
	#Cases	3698					
	#BACs	3192					
Vermont							
(Control Passengers)							
06	Year			1972	1973		
	Month			8-10	9-10		
	#Cases			31	31		
	#BACs			31	30		

APPENDIX B

DISTRIBUTIONS OF ASAP AREA DRIVERS BY BAC

The following tables show the distributions by ASAP of the Blood Alcohol concentration (BAC) results for each survey in the computer archive. There are separate presentations for each of the 26 ASAPs and also for the National Roadside Survey.

The first table for each ASAP presents the overall BAC results by survey, using the five categories of V90 (BAC—5 in the codebook). Only drivers interviewed in the ASAP areas are included in the first and second tables.

The second table for each ASAP presents BAC results for each survey according to five time conditions.

1) Weekend early - all respondents coded 1 on V122 who were interviewed on Friday or Saturday (WEE).
2) Weekday early - all respondents coded 1 on V122 who were interviewed Sunday through Thursday (WDE).
3) Weekend late - all respondents coded 2 or 3 on V122 who were interviewed on Friday or Saturday (WEL).
4) Weekday late - all respondents coded 2 or 3 on V122 who were interviewed Sunday through Thursday (WDL).
5) No time or date specified - some ASAP surveys did not have time or date codes in their surveys, and these results have been placed in a separate category (NTDS) at the bottom of the second table. Three states, Vermont, South Carolina and Texas, had complete surveys which did not provide for time or date specifications and they have a large number of respondents in their NTDS categories.

In other cases, such as Ohio 24, the NTDS category contains smaller entries. These figures represent respondents whose time or date specifications should have been recorded for that particular survey but were not, and they became missing data. In these situations ten respondents or more were considered to be significant enough to warrant a separate listing at the bottom of the second table.

In addition to the five category BAC distributions the second table for each ASAP shows the mean BAC results as an arithmetic average for:

(1) All respondents.

(2) All respondents who recorded a positive breath sample.

Frequencies in all the tables are placed in the top half of the squares with percentages appearing in parentheses in the bottom half. The percentages are calculated without the missing data.

For three specific states (Maine, Vermont, and Florida) a third table is included which gives the BAC distributions of the passengers and/or control area drivers.

ASAP NAME: Maine 02

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	10/71-12/71	487	487	(100.0)	382 (78.4)	62 (12.7)	28 (5.7)	10 (2.1)	5 (1.0)
2	9/72-10/72	492	492	(100.0)	386 (78.5)	77 (15.7)	21 (4.3)	7 (1.4)	1 (.2)
3	9/73-11/73	505	505	(100.0)	393 (77.8)	58 (11.5)	34 (6.7)	17 (3.4)	3 (.6)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	143/143	100.0	.008	.045	117 (81.8)	26 (18.2)	10 (7.0)	3 (2.1)	2 (1.4)
2	WEE	227/227	100.0	.006	.029	183 (80.6)	44 (19.3)	7 (3.0)	1 (.4)	0 (0)
3	WEE	211/211	100.0	.008	.051	176 (83.4)	35 (16.7)	15 (7.2)	6 (2.9)	1 (.5)
1	WDE	87/87	100.0	.006	.032	70 (80.5)	17 (19.5)	4 (4.6)	0 (0)	0 (0)
1	WEL	169/169	100.0	.015	.061	127 (75.1)	42 (24.9)	21 (12.5)	8 (4.8)	2 (1.2)
2	WEL	263/263	100.0	.010	.043	201 (76.4)	62 (23.6)	22 (8.4)	7 (2.7)	1 (.4)
3	WEL	294/294	100.0	.014	.055	217 (73.8)	77 (26.2)	39 (13.3)	14 (4.8)	2 (.7)
1	WDL	86/86	100.0	.012	.050	66 (76.7)	20 (23.4)	8 (9.4)	4 (4.7)	1 (1.2)

CONTROL RESPONDENTS

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	10/71-12/71	241	241	(100.0)	179 (74.3)	32 (13.3)	20 (8.3)	5 (2.1)	5 (2.1)
2	9/72-10/72	242	242	(100.0)	173 (71.5)	40 (16.5)	22 (9.1)	5 (2.1)	2 (.8)
3	9/73-11/73	234	234	(100.0)	164 (70.1)	47 (20.1)	19 (8.1)	3 (1.2)	1 (.4)

ASAP NAME: Vermont 06

SITE TYPE: High Arrest or Alcohol-Involved Arrest Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	7/71	334	334	(100.0)	208 (62.3)	77 (23.1)	34 (10.2)	9 (2.7)	6 (1.8)
2	10/71-11/71	65	63	(96.9)	42 (66.7)	14 (22.2)	3 (4.8)	2 (3.2)	2 (3.2)
3	8/72-10/72	220	216	(98.2)	133 (61.6)	59 (27.3)	14 (6.5)	6 (2.8)	4 (1.9)
4	9/73-10/73	224	217	(96.9)	114 (52.5)	64 (29.5)	22 (10.1)	8 (3.7)	9 (4.1)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEL	288/ 288	100.0	.018	.048	181 (62.8)	107 (37.2)	39 (13.5)	14 (4.9)	6 (2.1)
3	WEL	216/ 220	98.2	.021	.058	133 (61.6)	83 (38.4)	24 (11.1)	10 (4.6)	4 (1.9)
4	WEL	217/ 224	96.9	.022	.049	114 (52.5)	103 (47.5)	39 (18.0)	17 (7.8)	9 (4.2)
1	WDL	46/46	100.0	.019	.047	27 (58.7)	19 (41.3)	10 (21.7)	1 (2.2)	0 (0)
2	NTDS	63/65	96.9			42 (66.7)	21 (33.2)	7 (11.2)	4 (6.4)	2 (3.2)

PASSENGER AND CONTROL RESPONDENTS

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	7/71	188	188	(100.0)	106 (56.4)	47 (25.0)	24 (12.8)	7 (3.7)	4 (2.1)
2	10/71-11/71	119	116	(97.5)	70 (60.3)	29 (25.0)	11 (9.5)	3 (2.6)	3 (2.6)
3	8/72-10/72	504	477	(94.6)	290 (60.8)	105 (22.0)	51 (10.7)	23 (4.8)	8 (1.7)
4	9/73-10/73	484	444	(91.7)	249 (56.1)	111 (25.0)	58 (13.1)	17 (3.8)	9 (2.0)

ASAP NAME: Indiana 22

SITE TYPE: General or Other Random Selection Procedure

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71-12/71	650	608	(93.5)	437 (71.9)	73 (12.0)	54 (8.9)	28 (4.6)	16 (2.6)
2	11/72	640	602	(94.1)	429 (71.3)	91 (15.1)	42 (7.0)	30 (5.0)	10 (1.7)
3	11/73	640	615	(96.1)	380 (61.8)	131 (21.3)	57 (9.3)	30 (4.9)	17 (2.8)

SUR. NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	248/ 270	91.9	.016	.065	187 (75.4)	61 (24.6)	35 (14.1)	15 (6.0)	6 (2.4)
2	WEE	223/ 240	92.9	.012	.057	176 (78.9)	47 (21.1)	21 (9.4)	11 (4.9)	4 (1.8)
3	WEE	235/ 240	97.9	.020	.069	167 (71.1)	68 (28.9)	37 (15.7)	20 (8.5)	7 (3.0)
1	WEL	359/ 379	94.7	.021	.069	249 (69.4)	110 (30.7)	63 (17.6)	29 (8.1)	10 (2.8)
2	WEL	379/ 400	94.8	.020	.059	253 (66.8)	126 (33.3)	61 (16.1)	29 (7.7)	6 (1.6)
3	WEL	380/ 400	95.0	.022	.051	213 (56.1)	167 (44.0)	67 (17.6)	27 (7.1)	10 (2.6)

ASAP NAME: Michigan 23

SITE TYPE: General or Other Random Selection Procedure

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	3/71-4/71	748	746	(99.7)	559 (74.9)	111 (14.9)	46 (6.2)	22 (2.9)	8 (1.1)
2	3/72-4/72	1132	1020	(90.1)	773 (75.8)	148 (14.5)	55 (5.4)	30 (2.9)	14 (1.4)
3	3/73-4/73	969	847	(87.4)	680 (80.3)	100 (11.8)	43 (5.1)	20 (2.4)	4 (.5)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	128/ 129	99.2	.007	.041	107 (83.6)	21 (16.4)	7 (5.5)	2 (1.6)	1 (.8)
2	WEE	186/ 206	90.3	.005	.036	160 (86.0)	26 (14.0)	8 (4.3)	3 (1.6)	0 (0)
3	WEE	140/ 153	91.5	.003	.029	125 (89.3)	15 (10.7)	3 (2.1)	0 (0)	0 (0)
1	WDE	126/ 126	100	.007	.044	105 (83.3)	21 (16.7)	6 (4.8)	4 (3.2)	0 (0)
2	WDE	170/ 190	89.5	.007	.049	146 (85.9)	24 (14.1)	9 (5.3)	2 (1.2)	2 (1.2)
3	WDE	136/ 153	88.9	.003	.041	126 (92.6)	10 (7.3)	5 (3.7)	1 (.7)	0 (0)
1	WEL	258/ 258	100	.017	.051	171 (66.3)	87 (33.7)	39 (15.1)	12 (4.7)	4 (1.6)
2	WEL	351/ 393	89.3	.016	.052	242 (68.9)	109 (31.1)	44 (12.5)	21 (6.0)	9 (2.6)
3	WEL	258/ 301	85.7	.015	.054	187 (72.5)	71 (27.5)	31 (12.0)	13 (5.0)	4 (1.6)
1	WDL	234/ 235	99.6	.013	.052	176 (75.2)	58 (24.8)	24 (10.2)	12 (5.1)	3 (1.3)
2	WDL	313/ 343	91.3	.015	.053	225 (71.9)	88 (28.1)	38 (12.1)	18 (5.8)	3 (1.0)
3	WDL	313/ 362	86.5	.011	.047	242 (77.3)	71 (22.7)	28 (9.0)	10 (3.2)	0 (0)

ASAP NAME: Ohio 24

SITE TYPE: Basis of Selection NA

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	4/72	644	644	(100)	481 (74.7)	107 (16.6)	35 (5.4)	16 (2.5)	5 (.8)
2	9/73	1133	1119	(98.8)	734 (65.6)	207 (18.5)	110 (9.8)	47 (4.2)	21 (1.9)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	99/99	100	.010	.050	79 (79.8)	20 (20.2)	7 (7.1)	2 (2.0)	2 (2.0)
2	WEE	221/225	98.2	.010	.039	165 (74.7)	56 (25.3)	19 (8.6)	4 (1.8)	0 (0)
1	WDE	133/133	100	.006	.030	108 (81.2)	25 (18.8)	4 (3.0)	0 (0)	0 (0)
2	WDE	50/52	96.2	.007	.070	45 (90.0)	5 (10.0)	4 (8.0)	1 (2.0)	0 (0)
1	WEL	216/216	100	.014	.050	154 (71.3)	62 (28.7)	24 (11.1)	11 (5.1)	2 (.9)
2	WEL	559/563	99.3	.024	.056	318 (56.9)	241 (43.1)	110 (19.7)	44 (7.9)	16 (2.9)
1	WDL	175/175	100	.012	.045	129 (73.7)	46 (26.3)	17 (9.7)	6 (3.4)	1 (.6)
2	WDL	286/290	98.6	.018	.062	203 (71.0)	83 (29.0)	45 (15.7)	19 (6.6)	5 (1.8)
1	NTDS	21/21	100			11 (52.4)	10 (47.6)	4 (19.0)	2 (9.5)	0 (0)

ASAP NAME: Iowa 31

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	5/72	793	771	(97.2)	349 (45.3)	350 (45.4)	52 (6.7)	15 (1.9)	5 (.6)
2	4/73-5/73	757	747	(98.7)	363 (48.6)	300 (40.2)	67 (9.0)	16 (2.1)	1 (.1)
3	4/74-5/74	715	706	(98.7)	418 (59.2)	202 (28.6)	64 (9.1)	18 (2.5)	4 (.6)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	299/311	96.1	.009	.020	165 (55.2)	134 (44.8)	8 (2.7)	1 (.3)	0 (0)
2	WEE	380/383	99.2	.011	.023	207 (54.5)	173 (45.5)	26 (6.8)	5 (1.3)	0 (0)
3	WEE	288/291	99.0	.008	.024	197 (68.4)	91 (31.6)	10 (3.4)	5 (1.7)	0 (0)
1	WEL	470/480	97.9	.020	.033	184 (39.1)	286 (60.8)	64 (13.6)	19 (4.0)	5 (1.1)
2	WEL	359/366	98.1	.020	.034	150 (41.8)	209 (58.2)	57 (15.9)	12 (3.3)	1 (.3)
3	WEL	404/410	98.5	.020	.042	212 (52.5)	192 (47.5)	75 (18.6)	16 (4.0)	4 (1.0)
3	NTDS	14/14	100			9 (64.3)	5 (35.7)	1 (7.1)	1 (7.1)	0 (0)

ASAP NAME: Kansas 32

SITE TYPE: Systematic Random Selection of Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71	911	844	(92.7	659 (78.1)	108 (12.8)	49 (5.8)	23 (2.7)	5 (.6)
2	10/72-11/72	741	700	(94.5)	494 (70.6)	116 (16.6)	53 (7.6)	22 (3.1)	15 (2.1)
3	10/73-11/73	737	691	(93.8)	496 (71.8)	137 (19.8)	41 (5.9)	9 (1.3)	8 (1.2)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	135/ 149	90.6	.006	.040	115 (85.2)	20 (14.8)	7 (5.2)	3 (2.2)	1 (.7)
2	WEE	132/ 141	93.6	.015	.052	95 (72.0)	37 (28.0)	10 (7.6)	6 (4.6)	3 (2.3)
3	WEE	143/ 152	94.1	.010	.038	105 (73.4)	38 (26.6)	9 (6.3)	3 (2.1)	1 (.7)
1	WDE	220/ 232	94.8	.002	.028	201 (91.4)	19 (8.6)	3 (1.4)	2 (.9)	0 (0)
2	WDE	137/ 144	95.1	.005	.032	114 (83.2)	23 (16.8)	6 (4.4)	2 (1.5)	0 (0)
3	WDE	136/ 140	97.1	.006	.027	108 (79.4)	28 (20.6)	4 (2.9)	0 (0)	0 (0)
1	WEL	203/ 225	90.2	.016	.047	134 (66.0)	69 (34.0)	27 (13.3)	9 (4.4)	1 (.5)
2	WEL	213/ 227	93.8	.024	.064	133 (62.4)	80 (37.6)	45 (21.1)	20 (9.4)	9 (4.2)
3	WEL	199/ 218	91.3	.017	.045	125 (62.8)	74 (37.2)	27 (13.6)	9 (4.5)	4 (2.0)
1	WDL	286/ 305	93.8	.015	.056	209 (73.1)	77 (26.9)	40 (14.0)	14 (4.9)	3 (1.1)
2	WDL	218/ 229	95.2	.015	.051	152 (69.7)	66 (30.3)	29 (13.3)	9 (4.1)	3 (1.4)
3	WDL	212/ 226	93.8	.011	.044	158 (74.5)	54 (25.5)	18 (8.5)	5 (2.4)	3 (1.4)

ASAP NAME: Minnesota 33

SITE TYPE: Systematic Random Selection of Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	4/72-5/72	859	847	(98.6)	482 (56.9)	230 (27.2)	85 (10.0)	36 (4.3)	14 (1.7)
2	5/73	807	782	(96.9)	494 (63.2)	165 (21.1)	85 (10.9)	22 (2.8)	16 (2.0)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	132/137	96.4	.017	.041	78 (59.1)	54 (40.9)	19 (14.4)	7 (5.3)	2 (1.5)
2	WEE	133/139	95.7	.012	.036	91 (68.4)	42 (31.6)	10 (7.5)	2 (1.5)	1 (.8)
1	WDE	138/139	99.3	.011	.041	102 (73.9)	36 (26.1)	7 (5.1)	6 (4.4)	1 (.7)
2	WDE	128/131	97.7	.005	.035	109 (85.2)	19 (14.8)	6 (4.7)	0 (0)	0 (0)
1	WEL	178/181	98.3	.022	.046	91 (51.1)	87 (48.9)	33 (18.5)	13 (7.3)	3 (1.7)
2	WEL	263/273	96.3	.027	.052	126 (47.9)	137 (52.1)	58 (22.1)	21 (8.0)	9 (3.4)
1	WDL	388/391	99.2	.023	.048	203 (52.3)	185 (47.7)	75 (19.3)	24 (6.2)	8 (2.1)
2	WDL	203/207	98.1	.022	.059	127 (62.6)	76 (37.4)	42 (20.7)	12 (5.9)	6 (3.0)
1	NTDS	11/11	100			8 (72.7)	3 (27.3)	1 (9.1)	0 (0)	0 (0)
2	NTDS	55/57	96.5			41 (74.5)	14 (25.5)	7 (12.8)	3 (5.5)	0 (0)

ASAP NAME: Missouri 34

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	10/71-11/71	1117	985	(88.2)	694 (70.5)	157 (15.9)	83 (8.4)	33 (3.4)	18 (1.8)
2	10/72-11/72	706	657	(93.1)	468 (71.2)	108 (16.4)	42 (6.4)	27 (4.1)	12 (1.8)
3	10/73-11/73	740	682	(92.2)	501 (73.5)	106 (15.5)	46 (6.7)	23 (3.4)	6 (.9)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	159/189	84.1	.011	.045	119 (74.8)	40 (25.2)	16 (10.1)	5 (3.1)	3 (1.9)
2	WEE	134/142	94.4	.011	.052	107 (79.9)	27 (20.2)	12 (9.0)	4 (3.0)	1 (.8)
3	WEE	117/127	92.1	.005	.030	96 (82.1)	21 (18.0)	3 (2.6)	1 (.9)	0 (0)
1	WDE	246/266	92.5	.006	.036	207 (84.1)	39 (15.9)	11 (4.5)	2 (.8)	0 (0)
2	WDE	142/151	94.0	.004	.035	125 (88.0)	17 (12.0)	4 (2.8)	0 (0)	0 (0)
3	WDE	153/160	95.6	.005	.039	132 (86.3)	21 (13.7)	7 (4.6)	2 (1.3)	0 (0)
1	WEL	242/277	87.4	.021	.053	146 (60.3)	96 (39.7)	44 (18.2)	19 (7.9)	3 (1.2)
2	WEL	170/183	92.9	.024	.057	99 (58.2)	71 (41.8)	30 (17.7)	15 (8.8)	7 (4.1)
3	WEL	200/213	93.9	.018	.046	122 (61.0)	78 (39.0)	28 (14.0)	9 (4.5)	3 (1.5)
1	WDL	336/383	87.7	.021	.062	221 (65.8)	115 (34.2)	63 (18.8)	25 (7.4)	12 (3.6)
2	WDL	211/230	91.7	.021	.060	137 (64.9)	74 (35.1)	35 (16.6)	20 (9.5)	4 (1.9)
3	WDL	210/237	88.6	.019	.068	150 (71.4)	60 (28.6)	37 (17.6)	17 (8.1)	3 (1.4)

ASAP NAME: Nebraska 35

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71-12/71	927	772	(83.3)	611 (79.1)	89 (11.5)	50 (6.5)	16 (2.1)	6 (.8)
2	11/72-12/72	871	802	(92.1)	603 (75.2)	132 (16.5)	52 (6.5)	10 (1.2)	5 (.6)
3	10/73-11/73	751	695	(92.5)	521 (75.0)	106 (15.3)	47 (6.8)	15 (2.2)	6 (.9)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	196/196	100.0	.006	.037	164 (83.7)	32 (16.3)	10 (5.1)	2 (1.0)	0 (0)
2	WEE	188/188	100.0	.003	.021	161 (85.6)	27 (14.4)	1 (.5)	1 (.5)	0 (0)
3	WEE	124/124	100.0	.008	.035	96 (77.4)	28 (22.6)	7 (5.7)	2 (1.6)	0 (0)
1	WDE	168/168	100.0	.004	.051	155 (92.3)	13 (7.7)	5 (3.0)	2 (1.2)	1 (.6)
2	WDE	148/148	100.0	.005	.036	129 (87.2)	19 (12.8)	6 (4.1)	1 (.7)	0 (0)
3	WDE	116/116	100.0	.005	.039	100 (86.2)	16 (13.8)	5 (4.3)	1 (.9)	0 (0)
1	WEL	216/217	99.5	.018	.058	148 (68.5)	68 (31.5)	36 (16.7)	12 (5.6)	3 (1.4)
2	WEL	270/270	100.0	.016	.045	172 (63.7)	98 (36.3)	42 (15.6)	8 (3.0)	3 (1.1)
3	WEL	212/212	100.0	.016	.046	137 (64.6)	75 (35.4)	30 (14.2)	8 (3.8)	2 (.9)
1	WDL	192/192	100.0	.012	.048	144 (75.0)	48 (25.0)	21 (10.9)	6 (3.1)	2 (1.0)
2	WDL	181/181	100.0	.012	.045	132 (72.9)	49 (27.1)	18 (9.9)	5 (2.8)	2 (1.1)
3	WDL	235/236	99.6	.015	.063	181 (77.0)	54 (23.0)	25 (10.6)	10 (4.3)	4 (1.7)
2	NTDS	15/84	17.9			9 (60.0)	6 (40.0)	0 (0)	0 (0)	0 (0)

ASAP NAME: South Dakota 37

SITE TYPE: Systematic Random Selection of Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	10/71-12/71	810	810	(100.0)	564 (69.6)	118 (14.6)	68 (8.4)	42 (5.2)	18 (2.2)
2	1-4,6-8/72 10-12/72	4426	4426	(100.0)	3153 (71.2)	706 (16.0)	386 (8.7)	117 (2.6)	64 (1.4)
3	2/73-12/73	5551	5548	(99.9)	3535 (63.7)	1114 (20.1)	509 (9.2)	281 (5.1)	109 (2.0)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	210/ 210	100.0	.011	.063	175 (83.3)	35 (16.7)	18 (8.6)	8 (3.8)	5 (2.4)
2	WEE	712/ 712	100.0	.008	.050	594 (83.4)	118 (16.6)	49 (6.9)	17 (2.4)	6 (.8)
3	WEE	1001/ 1001	100.0	.009	.042	787 (78.6)	214 (21.4)	61 (6.1)	27 (2.7)	5 (.5)
1	WDE	128/ 128	100.0	.008	.057	111 (86.7)	17 (13.3)	8 (6.3)	4 (3.1)	1 (.8)
2	WDE	1106/ 1106	100.0	.007	.041	928 (83.9)	178 (16.1)	59 (5.3)	8 (.7)	4 (.4)
3	WDE	1103/ 1103	100.0	.008	.046	902 (81.8)	201 (18.2)	67 (6.1)	28 (2.5)	8 (.7)
1	WEL	317/ 317	100.0	.026	060	178 (56.2)	139 (43.9)	71 (22.4)	32 (10.1)	7 (2.2)
2	WEL	1067/ 1067	100.0	.019	.049	644 (60.4)	423 (39.6)	180 (16.9)	51 (4.8)	11 (1.0)
3	WEL	1751/ 1751	100.0	.028	.057	894 (51.1)	857 (48.9)	418 (23.9)	176 (10.1)	45 (2.6)
1	WDL	155/ 155	100.0	.024	.068	100 (64.5)	55 (35.5)	31 (20.0)	16 (10.3)	5 (3.2)
2	WDL	1523/ 1523	100.0	.022	.059	970 (63.7)	553 (36.3)	278 (18.3)	105 (6.9)	43 (2.8)
3	WDL	1687/ 1688	99.9	.025	.058	949 (56.3)	738 (43.8)	352 (20.9)	158 (9.4)	51 (3.0)
2	NTDS	18/18	100.0			17 (94.4)	1 (5.6)	1 (5.6)	0 (0)	0 (0)

ASAP NAME: Arkansas 42

SITE TYPE: Combination of High Crash & High Arrest Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71	1212	1211	(99.9)	810 (66.9)	245 (20.2)	109 (9.0)	31 (2.6)	16 (1.3)
2	11/72	803	800	(99.6)	567 (70.5)	130 (16.3)	71 (8.9)	27 (3.4)	5 (0.6)
3	11/73-12/73	810	810	(100.0)	556 (68.6)	130 (16.0)	68 (8.4)	42 (5.2)	14 (1.7)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	239/240	99.6	.012	.044	171 (71.5)	68 (28.5)	26 (10.9)	9 (3.8)	2 (.8)
2	WEE	239/239	100.0	.011	.038	170 (71.1)	69 (28.9)	25 (10.5)	6 (2.5)	1 (0.4)
3	WEE	205/205	100.0	.013	.064	164 (80.0)	41 (20.0)	21 (10.2)	13 (6.3)	4 (2.0)
1	WDE	199/199	100.0	.006	.032	164 (82.4)	35 (17.6)	10 (5.0)	2 (1.0)	0 (0)
1	WEL	443/443	100.0	.020	.048	257 (58.0)	186 (42.0)	74 (16.7)	18 (4.1)	9 (2.0)
2	WEL	559/559	100.0	.016	.051	395 (70.7)	164 (29.3)	78 (14.0)	26 (4.7)	4 (0.7)
3	WEL	605/605	100.0	.020	.057	392 (64.8)	213 (35.2)	103 (17.0)	43 (7.1)	10 (1.7)
1	WDL	320/320	100.0	.017	.050	210 (65.6)	110 (34.4)	44 (13.8)	17 (5.3)	5 (1.6)
1	NTDS	10/10	100.0			8 (80.0)	2 (20.0)	2 (20.0)	1 (10.0)	0 (0)

ASAP NAME: Florida 43

SITE TYPE: Combination of High Crash & High Arrest Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	1/72	866	865	(99.9)	562 (65.0)	178 (20.6)	70 (8.1)	31 (3.6)	24 (2.8)
2	7/72	439	438	(99.8)	300 (68.5)	76 (17.4)	23 (5.3)	26 (5.9)	13 (3.0)
3	1/73	822	822	(100.0)	589 (71.7)	122 (14.8)	46 (5.6)	36 (4.4)	29 (3.5)
4	7/73	411	411	(100.0)	279 (67.9)	70 (17.0)	37 (9.0)	11 (2.7)	14 (3.4)
5	1/74	830	830	(100.0)	571 (68.8)	157 (18.9)	63 (7.6)	28 (3.4)	11 (1.3)
6	7/74	412	412	(100.0)	287 (69.7)	70 (17.0)	29 (7.0)	18 (4.4)	8 (1.9)

SUR. NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	144/145	99.3	.012	.037	99 (68.7)	45 (31.3)	11 (7.6)	2 (1.4)	1 (.7)
2	WEE	75/76	98.7	.011	.042	56 (74.7)	19 (25.3)	7 (9.3)	2 (2.7)	1 (1.3)
3	WEE	136/136	100.0	.013	.064	108 (79.4)	28 (20.6)	12 (8.8)	6 (4.4)	4 (2.9)
4	WEE	70/70	100.0	.018	.063	50 (71.4)	20 (28.6)	9 (12.9)	4 (5.7)	4 (5.7)
5	WEE	137/137	100.0	.009	.041	108 (78.8)	29 (21.2)	9 (6.6)	1 (.7)	0 (0)
6	WEE	69/69	100.0	.020	.051	42 (60.9)	27 (39.1)	11 (15.9)	4 (5.8)	2 (2.9)
1	WDE	75/75	100.0	.015	.061	57 (76.0)	18 (24.0)	6 (8.0)	3 (4.0)	3 (4.0)
2	WDE	37/37	100.0	.003	.040	34 (91.9)	3 (8.1)	2 (5.4)	0 (0)	0 (0)
3	WDE	70/70	100.0	.012	.072	58 (82.9)	12 (17.1)	6 (8.6)	5 (7.1)	2 (2.9)
4	WDE	34/34	100.0	.008	.087	31 (91.2)	3 (8.8)	2 (5.9)	1 (2.9)	1 (2.9)
5	WDE	66/66	100.0	.007	.038	53 (80.3)	13 (19.7)	5 (7.6)	1 (1.5)	0 (0)
6	WDE	35/35	100.0	.014	.070	28 (80.0)	7 (20.0)	5 (14.3)	2 (5.7)	0 (0)
1	WEL	432/432	100.0	.023	.060	265 (61.3)	167 (38.7)	77 (17.8)	38 (8.8)	17 (3.9)
2	WEL	215/215	100.0	.027	.067	129 (60.0)	86 (40.0)	40 (18.6)	28 (13.0)	11 (5.1)

ASAP NAME: Florida 43

SITE TYPE: Combination of High Crash & High Arrest Sites

SUR. NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
3	WEL	403/ 403	100.0	.021	.061	265 (65.8)	138 (34.2)	66 (16.4)	38 (9.4)	14 (3.5)
4	WEL	207/ 207	100.0	.023	.058	124 (59.9)	83 (40.1)	40 (19.3)	15 (7.3)	6 (2.9)
5	WEL	419/ 419	100.0	.017	.047	265 (63.2)	154 (36.8)	59 (14.1)	22 (5.3)	4 (1.0)
6	WEL	205/ 205	100.0	.014	.052	150 (73.2)	55 (26.8)	20 (9.8)	8 (3.9)	4 (2.0)
1	WDL	214/ 214	100.0	.017	.050	141 (65.9)	73 (34.1)	31 (14.5)	12 (5.6)	3 (1.4)
2	WDL	111/ 111	100.0	.015	.054	81 (73.0)	30 (27.0)	13 (11.7)	9 (8.1)	1 (.9)
3	WDL	213/ 213	100.0	.018	.069	158 (74.2)	55 (25.8)	27 (12.7)	16 (7.5)	9 (4.2)
4	WDL	100/ 100	100.0	.016	.060	74 (74.0)	26 (26.0)	11 (11.0)	5 (5.0)	3 (3.0)
5	WDL	208/ 208	100.0	.018	.060	145 (69.7)	63 (30.3)	29 (13.9)	15 (7.2)	7 (3.4)
6	WDL	103/ 103	100.0	.023	.064	67 (65.0)	36 (35.0)	19 (18.5)	12 (11.7)	2 (1.9)

PASSENGER RESPONDENTS

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	1/72	522	521	(99.8)	363 (69.7)	81 (15.5)	34 (6.5)	21 (4.0)	22 (4.2)
2	7/72	220	216	(98.2)	139 (64.4)	38 (17.6)	21 (9.7)	10 (4.6)	8 (3.7)
3	1/73	346	346	(100.0)	261 (75.4)	48 (13.9)	19 (5.5)	11 (3.2)	7 (2.0)
4	7/73	271	271	(100.0)	186 (68.6)	34 (12.5)	19 (7.0)	20 (7.4)	12 (4.4)
5	1/74	410	407	(99.3)	283 (69.5)	70 (17.2)	28 (6.9)	12 (2.9)	14 (3.4)
6	7/74	178	178	(100.0)	139 (78.1)	27 (15.2)	5 (2.8)	5 (2.8)	2 (1.1)

ASAP NAME: Georgia 44

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	10/71-12/71	651	637	(97.9)	416 (65.3)	148 (23.2)	68 (10.7)	5 (.8)	0 (0)
2	10/72-11/72	745	739	(99.2)	540 (73.1)	110 (14.9)	67 (9.1)	20 (2.7)	2 (.3)
3	10/73-11/73	676	670	(99.1)	438 (65.4)	143 (21.3)	65 (9.7)	22 (3.3)	2 (.3)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	204/ 206	99.0	.006	.031	162 (79.4)	42 (20.6)	8 (3.9)	0 (0)	0 (0)
2	WEE	263/ 265	99.3	.007	.046	221 (84.0)	42 (16.0)	18 (6.8)	5 (1.9)	0 (0)
3	WEE	246/ 249	98.8	.008	.044	201 (81.7)	45 (18.3)	18 (7.3)	3 (1.2)	0 (0)
1	WEL	431/ 443	97.3	.017	.040	253 (58.7)	178 (41.3)	64 (14.9)	5 (1.2)	0 (0)
2	WEL	469/ 473	99.2	.016	.049	312 (66.5)	157 (33.5)	71 (15.1)	17 (3.6)	2 (.4)
3	WEL	421/ 424	99.3	.020	.046	234 (55.6)	187 (44.4)	71 (16.9)	21 (5.0)	2 (.5)

ASAP NAME: Louisiana 45

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71-12/71	799	795	(99.5)	408 (51.3)	265 (33.3)	95 (11.9)	17 (2.1)	10 (1.3)
2	11/72-12/72	769	746	(97.0)	451 (60.5)	197 (26.4)	66 (8.8)	26 (3.5)	6 (.8)
3	11/73-12/73	700	685	(97.9)	408 (59.6)	181 (26.4)	81 (11.8)	11 (1.6)	4 (.6)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	278/ 279	99.6	.013	.034	172 (61.9)	106 (38.1)	22 (7.9)	4 (1.4)	2 (.7)
2	WEE	205/ 212	96.7	.009	.032	151 (73.7)	54 (26.3)	12 (5.9)	4 (2.0)	0 (0)
3	WEE	204/ 207	98.6	.008	.030	150 (73.5)	54 (26.5)	13 (6.4)	0 (0)	0 (0)
1	WEL	517/ 520	99.4	.023	.043	236 (45.6)	281 (54.4)	100 (19.3)	23 (4.5)	8 (1.6)
2	WEL	541/ 557	97.1	.019	.042	300 (55.5)	241 (44.6)	86 (15.9)	28 (5.2)	6 (1.1)
3	WEL	481/ 493	97.6	.019	.042	258 (53.6)	223 (46.4)	83 (17.3)	15 (3.1)	4 (.8)

ASAP NAME: North Carolina 47

SITE TYPE: Systematic Random Selection of Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	10/70	778	766	(98.5)	561 (73.2)	115 (15.0)	58 (7.6)	23 (3.0)	9 (1.2)
2	10/71	741	728	(98.3)	550 (75.5)	96 (13.2)	55 (7.6)	21 (2.9)	6 (.8)
3	10/72	659	652	(98.9)	490 (75.2)	105 (16.1)	42 (6.4)	14 (2.1)	1 (.2)
4	10/73	767	750	(97.8)	530 (70.7)	143 (19.1)	52 (6.9)	18 (2.4)	7 (.9)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	136/140	97.1	.014	.055	101 (74.3)	35 (25.7)	15 (11.0)	4 (2.9)	2 (1.5)
2	WEE	124/125	99.2	.013	.058	97 (78.2)	27 (21.8)	15 (12.1)	4 (3.2)	3 (2.4)
3	WEE	107/108	99.1	.008	.037	83 (77.6)	24 (22.4)	6 (5.6)	1 (.9)	0 (0)
4	WEE	111/116	95.7	.012	.049	83 (74.8)	28 (25.2)	15 (13.5)	3 (2.7)	0 (0)
1	WDE	174/174	100.0	.005	.033	146 (83.9)	28 (16.1)	5 (2.9)	2 (1.2)	1 (.6)
2	WDE	181/182	99.5	.007	.040	149 (82.3)	32 (17.7)	12 (6.6)	2 (1.1)	0 (0)
3	WDE	150/152	98.7	.005	.037	131 (87.3)	19 (12.7)	6 (4.0)	1 (.7)	0 (0)
4	WDE	178/180	98.9	.007	.045	150 (84.3)	28 (15.7)	11 (6.2)	1 (.6)	1 (.6)
1	WEL	220/224	98.2	.024	.065	138 (62.7)	82 (37.3)	47 (21.4)	22 (10.0)	6 (2.7)
2	WEL	207/209	99.0	.019	.058	141 (68.1)	66 (31.9)	35 (16.9)	14 (6.8)	2 (1.0)
3	WEL	204/204	100.0	.017	.050	136 (66.7)	68 (33.3)	31 (15.2)	7 (3.4)	1 (.5)
4	WEL	223/228	97.8	.016	.038	127 (57.0)	96 (43.1)	22 (9.9)	8 (3.6)	2 (.9)
1	WDL	236/240	98.3	.011	.044	176 (74.6)	60 (25.4)	23 (9.8)	4 (1.7)	0 (0)
2	WDL	216/225	96.0	.012	.048	163 (75.5)	53 (24.5)	20 (9.3)	7 (3.2)	1 (.5)

ASAP NAME: North Carolina 47

SITE TYPE: Systematic Random Selection of Sites

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
3	WDL	191/ 195	98.0	.010	.039	140 (73.3)	51 (26.7)	14 (7.3)	6 (3.1)	0 (0)
4	WDL	238/ 243	97.9	.015	.052	170 (71.4)	68 (28.6)	29 (12.2)	13 (5.5)	4 (1.7)

ASAP NAME: South Carolina 48

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71	805	766	(95.2)	527 (68.8)	144 (18.8)	58 (7.6)	21 (2.7)	16 (2.1)
2	11/72	802	802	(100)	557 (69.5)	155 (19.3)	61 (7.6)	21 (2.6)	8 (1.0)
3	11/73	828	828	(100)	568 (68.6)	163 (19.7)	59 (7.1)	20 (2.4)	18 (2.2)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
2	WEE	176/176	100	.008	.035	138 (78.4)	38 (21.6)	10 (5.7)	1 (.6)	0 (0)
3	WEE	110/110	100	.005	.029	90 (81.8)	20 (18.2)	3 (2.7)	1 (.9)	0 (0)
2	WDE	67/67	100	.008	.043	55 (82.1)	12 (17.9)	4 (6.0)	1 (1.5)	0 (0)
3	WDE	140/140	100	.005	.037	122 (87.1)	18 (12.9)	3 (2.1)	2 (1.4)	2 (1.4)
2	WEL	442/442	100	.018	.049	279 (63.1)	163 (36.9)	63 (14.3)	24 (5.4)	8 (1.8)
3	WEL	243/243	100	.030	.059	119 (49.0)	124 (51.0)	59 (24.3)	26 (10.7)	12 (4.9)
2	WDL	117/117	100	.011	.040	85 (72.6)	32 (27.4)	13 (11.1)	3 (2.6)	0 (0)
3	WDL	335/335	100	.012	.042	237 (70.7)	98 (29.3)	32 (9.6)	9 (2.7)	4 (1.2)
1	NTDS	766/805	95.2			527 (68.8)	239 (31.2)	95 (12.4)	37 (4.8)	16 (2.1)

ASAP NAME: Texas 49

SITE TYPE: Systematic Random Selection of Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71	634	634	(100)	414 (65.3)	68 (10.7)	70 (11.0)	51 (8.0)	31 (4.9)
2	11/72	652	652	(100)	393 (60.3)	109 (16.7)	80 (12.3)	37 (5.7)	33 (5.1)
3	11/73	652	652	(100)	381 (58.4)	120 (18.4)	82 (12.6)	39 (6.0)	30 (4.6)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	249/ 249	100	.019	.076	188 (75.5)	61 (24.5)	39 (15.7)	19 (7.6)	8 (3.2)
1	WEL	385/ 385	100	.036	.087	226 (58.7)	159 (41.3)	113 (29.4)	63 (16.4)	23 (6.0)
2	NTDS	652/ 652	100			393 (60.3)	259 (39.8)	150 (23.1)	70 (10.8)	33 (5.1)
3	NTDS	652/ 652	100			381 (58.4)	271 (41.6)	151 (23.2)	69 (10.6)	30 (4.6)

ASAP NAME: Virginia 50

SITE TYPE: General or Other Random Selection Procedure

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	1/72	1576	1576	(100.0)	1159 (73.5)	248 (15.7)	100 (6.3)	44 (2.8)	25 (1.6)
2	10/72	1488	1477	(99.3)	917 (62.1)	379 (25.7)	119 (8.1)	44 (3.0)	18 (1.2)
3	10/73	1541	1499	(97.3)	1179 (78.7)	189 (12.6)	85 (5.7)	33 (2.2)	13 (.9)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	295/ 295	100	.008	.043	242 (82.0)	53 (18.0)	14 (4.8)	5 (1.7)	2 (.7)
2	WEE	205/ 205	100			125 (61.0)	80 (39.0)	20 (9.8)	6 (2.9)	2 (1.0)
3	WEE	169/ 177	95.5			133 (78.7)	36 (21.3)	14 (8.3)	3 (1.8)	2 (1.2)
1	WDE	410/ 410	100	.007	.041	339 (82.7)	71 (17.3)	21 (5.1)	6 (1.5)	4 (1.0)
2	WDE	307/ 308	99.7			225 (73.3)	82 (26.7)	14 (4.6)	6 (2.0)	1 (.3)
3	WDE	361/ 369	97.8			314 (87.0)	47 (13.0)	15 (4.2)	3 (.8)	1 (.3)
1	WEL	441/ 441	100	.022	.060	283 (64.2)	158 (35.8)	77 (17.5)	36 (8.2)	14 (3.2)
2	WEL	400/ 406	98.5			228 (57.0)	172 (43.0)	54 (13.5)	16 (4.0)	4 (1.0)
3	WEL	341/ 349	97.7			233 (68.3)	108 (31.7)	39 (11.4)	16 (4.7)	6 (1.8)
1	WDL	430/ 430	100	.016	.052	295 (68.6)	135 (31.4)	57 (13.3)	22 (5.1)	5 (1.2)
2	WDL	563/ 567	99.3			337 (59.9)	226 (40.1)	93 (16.5)	34 (6.0)	11 (2.0)
3	WDL	625/ 643	97.2			498 (79.7)	127 (20.3)	63 (10.1)	24 (3.8)	4 (.6)

ASAP NAME: Oklahoma 53

SITE TYPE: Systematic Random Selection of Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	9/71	1632	1575	(96.5)	1159 (73.6)	287 (18.2)	81 (5.1)	36 (2.3)	12 (.8)
2	8/72	1730	1722	(99.5)	1395 (81.0)	193 (11.2)	99 (5.7)	25 (1.5)	10 (.6)
3	8/73	1639	1618	(98.7)	1363 (84.2)	126 (7.8)	89 (5.5)	28 (1.7)	12 (.7)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	147/ 150	98.0	.005	.027	118 (80.3)	29 (19.7)	3 (2.0)	1 (.7)	1 (.7)
2	WEE	222/ 225	98.7	.005	.045	198 (89.2)	24 (10.8)	8 (3.6)	3 (1.4)	1 (.5)
3	WEE	250/ 252	99.2	.006	.048	220 (88.0)	30 (12.0)	16 (6.4)	0 (0)	0 (0)
1	WDE	751/ 780	96.3	.005	.028	612 (81.5)	139 (18.5)	27 (3.6)	5 (.7)	2 (.3)
2	WDE	501/ 502	99.8	.004	.041	449 (89.6)	52 (10.4)	17 (3.4)	4 (.8)	1 (.2)
3	WDE	420/ 425	98.8	.005	.051	379 (90.2)	41 (9.8)	18 (4.3)	6 (1.4)	1 (.2)
1	WEL	129/ 134	96.3	.020	.049	76 (58.9)	53 (41.1)	17 (13.2)	9 (7.0)	3 (2.3)
2	WEL	359/ 362	99.2	.012	.048	263 (73.3)	96 (26.7)	43 (12.0)	10 (2.8)	3 (.8)
3	WEL	344/ 345	99.7	.014	.063	265 (77.0)	79 (23.0)	43 (12.5)	16 (4.7)	6 (1.7)
1	WDL	548/ 568	96.5	.018	.050	353 (64.4)	195 (35.6)	82 (15.0)	33 (6.0)	6 (1.1)
2	WDL	640/ 641	99.8	.013	.052	485 (75.8)	155 (24.2)	66 (10.3)	18 (2.8)	5 (.8)
3	WDL	604/ 617	97.9	.010	.058	499 (82.6)	105 (17.4)	52 (8.6)	18 (3.0)	5 (.8)

ASAP NAME: New Mexico 66

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	5/71	858	845	(98.5)	610 (72.2)	118 (14.0)	53 (6.3)	22 (2.6)	42 (5.0)
3	5/73	919	919	(100)	677 (73.7)	120 (13.1)	63 (6.9)	32 (3.5)	27 (2.9)
4	4/74	935	935	(100)	667 (71.3)	124 (13.3)	78 (8.3)	38 (4.1)	28 (3.0)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	129/ 130	99.2	.009	.052	106 (82.2)	23 (17.8)	11 (8.5)	4 (3.1)	0 (0)
3	WEE	152/ 152	100.0	.005	.045	136 (89.5)	16 (10.5)	4 (2.6)	1 (.7)	1 (.7)
4	WEE	158/ 158	100.0	.010	.073	136 (86.1)	22 (13.9)	14 (8.9)	5 (3.2)	2 (1.3)
1	WDE	158/ 158	100.0	.005	.036	136 (86.1)	22 (13.9)	6 (3.8)	1 (.6)	0 (0)
3	WDE	153/ 153	100.0	.012	.055	119 (77.8)	34 (22.2)	16 (10.5)	7 (4.6)	1 (.7)
4	WDE	159/ 159	100.0	.009	.045	129 (81.1)	30 (18.9)	10 (6.3)	3 (1.9)	1 (.6)
1	WEL	294/ 304	96.7	.049	.107	158 (53.7)	136 (46.3)	70 (23.8)	43 (14.6)	32 (10.9)
3	WEL	306/ 306	100.0	.020	.064	212 (69.3)	94 (30.7)	49 (16.0)	25 (8.2)	9 (2.9)
4	WEL	307/ 307	100.0	.021	.073	218 (71.0)	89 (29.0)	50 (16.3)	24 (7.8)	12 (3.9)
1	WDL	263/ 265	99.3	.015	.075	210 (79.8)	53 (20.2)	29 (11.0)	15 (5.7)	9 (3.4)
3	WDL	308/ 308	100.0	.022	.069	210 (68.2)	98 (31.8)	53 (17.2)	26 (8.4)	16 (5.2)
4	WDL	311/ 311	100.0	.029	.072	184 (59.2)	127 (40.8)	70 (22.5)	34 (10.9)	13 (4.2)

ASAP NAME: Utah 67

SITE TYPE: General or Other Random Selection Procedure

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	5/72-6/72	835	832	(99.6)	699 (84.0)	83 (10.0)	26 (3.1)	17 (2.0)	7 (.8)
2	5/73-6/73	822	808	(98.3)	658 (81.4)	89 (11.0)	46 (5.7)	11 (1.4)	4 (.5)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	236/236	100.0	.004	.040	210 (89.0)	26 (11.0)	7 (3.0)	4 (1.7)	1 (.4)
2	WEE	216/223	96.9	.004	.037	194 (89.8)	22 (10.2)	7 (3.2)	2 (.9)	0 (10.0)
1	WDE	84/84	100.0	.003	.032	75 (89.3)	9 (10.7)	2 (2.4)	0 (0)	0 (0)
2	WDE	50/50	100.0	.005	.026	41 (82.0)	9 (18.0)	2 (4.0)	0 (0)	0 (0)
1	WEL	405/407	99.5	.010	.053	329 (81.2)	76 (18.8)	31 (7.7)	16 (4.0)	5 (1.2)
2	WEL	454/461	98.5	.010	.046	354 (78.0)	100 (22.0)	39 (8.6)	11 (2.4)	3 (.7)
1	WDL	107/108	99.1	.011	.054	85 (79.4)	22 (20.6)	10 (9.4)	4 (3.7)	1 (.9)
2	WDL	88/88	100.0	.013	.061	69 (78.4)	19 (21.6)	13 (14.8)	2 (2.3)	1 (1.1)

ASAP NAME: California 71

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	9/72	1329	1294	(97.4)	1011 (78.1)	151 (11.7)	69 (5.3)	36 (2.8)	27 (2.1)
2	9/73	1080	1030	(95.4)	660 (64.1)	249 (24.2)	54 (5.2)	34 (3.3)	33 (3.2)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	206/ 212	97.2	.013	.057	159 (77.2)	47 (22.8)	19 (9.2)	7 (3.4)	3 (1.5)
2	WEE	180/ 187	96.3	.014	.044	121 (67.2)	59 (32.8)	18 (10.0)	8 (4.4)	5 (2.8)
1	WDE	190/ 197	96.5	.007	.043	157 (82.6)	33 (17.4)	13 (6.8)	3 (1.6)	1 (.5)
2	WDE	165/ 177	93.2	.010	.035	118 (71.5)	47 (28.5)	14 (8.5)	5 (3.0)	0 (0)
1	WEL	454/ 469	96.8	.019	.074	335 (73.8)	119 (26.2)	62 (13.7)	34 (7.5)	16 (3.5)
2	WEL	368/ 380	96.8	.028	.056	188 (51.1)	180 (48.9)	65 (17.7)	37 (10.1)	19 (5.2)
1	WDL	444/ 451	98.5	.011	.058	360 (81.1)	84 (18.9)	38 (8.6)	19 (4.3)	7 (1.6)
2	WDL	317/ 336	94.4	.012	.045	233 (73.5)	84 (26.5)	24 (7.6)	17 (5.4)	9 (2.8)

ASAP NAME: Oregon 72

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	4/71	519	519	(100)	129 (24.9)	296 (57.0)	56 (10.8)	30 (5.8)	8 (1.5)
2	5/72	559	559	(100)	282 (50.4)	232 (41.5)	33 (5.9)	9 (1.6)	3 (.5)
3	5/73	550	550	(100)	132 (24.0)	320 (58.2)	86 (15.6)	9 (1.6)	3 (.5)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	144/144	100.0	.018	.025	42 (29.2)	102 (70.8)	14 (9.7)	5 (3.5)	1 (.7)
2	WEE	198/198	100.0	.011	.025	106 (53.5)	92 (46.5)	12 (6.1)	3 (1.5)	1 (.5)
3	WEE	194/194	100.0	.015	.023	63 (32.5)	131 (67.5)	13 (6.7)	1 (.5)	0 (0)
1	WEL	374/374	100.0	.030	.039	87 (23.3)	287 (76.7)	79 (21.1)	32 (8.6)	7 (1.9)
2	WEL	361/361	100.0	.015	.029	176 (48.8)	185 (51.3)	33 (9.1)	9 (2.5)	2 (.6)
3	WEL	355/355	100.0	.031	.038	69 (19.4)	286 (80.6)	85 (23.9)	11 (3.1)	3 (.9)

ASAP NAME: Washington 73

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	11/71	500	500	(100.0)	108 (21.6)	316 (63.2)	57 (11.4)	15 (3.0)	4 (.8)
2	6/72	525	525	(100.0)	195 (37.1)	273 (52.0)	44 (8.4)	11 (2.1)	2 (.4)
3	12/72	523	523	(100.0)	252 (48.2)	252 (48.2)	14 (2.7)	5 (1.0)	0 (0)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1	WEE	157/ 157	100.0	.016	.022	41 (26.1)	116 (73.9)	13 (8.3)	3 (1.9)	1 (.6)
2	WEE	183/ 183	100.0	.017	.028	69 (37.7)	114 (62.3)	15 (8.2)	4 (2.2)	2 (1.1)
3	WEE	184/ 184	100.0	.009	.020	97 (52.7)	87 (47.3)	4 (2.2)	1 (.5)	0 (0)
1	WEL	343/ 343	100.0	.025	.032	67 (19.5)	276 (80.5)	63 (18.4)	16 (4.7)	3 (.9)
2	WEL	342/ 342	100.0	.019	.031	126 (36.8)	216 (63.2)	42 (12.3)	9 (2.6)	0 (0)
3	WEL	339/ 339	100.0	.012	.022	155 (45.7)	184 (54.3)	15 (4.4)	4 (1.2)	0 (0)

ASAP NAME: Puerto Rico 82

SITE TYPE: High Crash or Alcohol-Involved Crash Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
2	6/73-7/73	1236	1236	(100.0)	810 (65.5)	225 (20.6)	103 (8.3)	49 (4.0)	19 (1.5)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
2	WEE	145/ 145	100	.026	.060	82 (56.6)	63 (43.5)	29 (20.0)	16 (11.0)	4 (2.8)
2	WDE	349/ 349	100	.010	.040	263 (75.4)	86 (24.6)	27 (7.7)	8 (2.3)	3 (.9)
2	WDL	497/ 497	100	.018	.056	341 (68.6)	156 (31.4)	67 (13.5)	30 (6.0)	10 (2.0)
2	WEL	245/ 245	100	.022	.045	124 (50.6)	129 (59.4)	48 (19.6)	14 (5.7)	2 (.8)

ASAP NAME: United States 90

SITE TYPE: Systematic Random Selection of Sites

SURVEY NUMBER	DATE (MO/YR)	CASES (N)	BACs (#)	% (#/N)	DISTRIBUTION BY BAC				
					NEG (.00)	.01-.04	.05-.09	.10-.14	.15+
1	10/73-12/73	3698	3192	(86.3)	2210 (69.2)	509 (15.9)	299 (9.4)	130 (4.1)	44 (1.4)

SUR NR.	TIME/ DATE SEQ.	BACs/ CASES	% BACs	MEAN BAC		DISTRIBUTION BY BAC				
				ALL RESP.	POS. RESP.	NEG (.00)	≥.01	≥.05	≥.10	≥.15
1		3192/ 3698	86.3	.017	.055	2210 (69.2)	982 (30.8)	473 (14.9)	174 (5.5)	44 (1.4)

APPENDIX C

ROADSIDE ARCHIVE CODEBOOK WITH MARGINALS

The following codebook explains the code categories for the 122 variables in the master file of data from one national and 77 local roadside breathtesting surveys. For most of these variables there are five columns of percentages in the left margins. These columns are the same ones described in detail in Appendix B except for NRS which is the national roadside survey. The columns and base Ns for each group are as follows:

1) WEE - Weekend Early (14,506)
2) WDE - Weekday Early (10,405)
3) WEL - Weekend Late (27,223)
4) WDL - Weekday Late (16,174)
5) NRS - National Roadside Survey (3,698)

The codebook also contains two variables (1A, 2A) which do not appear in the OSIRIS dictionary which is described in Appendix D. Variables 1A and 2A represent data from states which had complete surveys with no times or dates specified. These variables were created to show the reader particular states and surveys with significantly large numbers of respondents who did not fit into the time breakdown used to categorize the respondents in the rest of the codebook.

The frequencies (number of cases) appear in the top half of each row with the percentages in the bottom half of each row. . The percentages were calculated without missing data. For the first column the percentages were rounded to the nearest whole number, while the NRS percentages have been rounded to the nearest tenth of a percentage point.

There are no frequencies or percentages presented for variables 7, 10, and 18, because of the large number of responses for each of these variables. These variables, however, do appear in the OSIRIS data dictionary and can be used in any kind of analysis of these data.

All marginals are based on unweighted data. Except for variable 6 the local survey marginals are based only on drivers stopped in Alcohol Safety Action Project areas.

The expression "MD" in the codebook stands for missing data. This indicates the number of cases for which responses were not obtained for the variable in question. Missing data arise either because an ASAP did not use a question related closely enough to that variable or because a suitable question was used but adequately clear answers were not obtained for individual respondents.

NOTE: As this report was ready to be duplicated, a program error was discovered which affects the marginals in the following codebook. The data from the Pulaski County (Ark.) 1973 survey were double counted in the marginals resulting in an inflation of 205 WEE cases and 605 WEL cases. This error is not expected to have much effect on the percentage distributions, but it does mean that all of the frequencies for the WEE and WEL columns are slightly incorrect.

WEE	WDE	WEL	WDL	NRS	V1	R1 Survey Identification No. (State of ASAP plus a consecutive number for each separate survey.)
143 1%	86 1%	169 1%	87 1%	-	021	Me. 1971
227 2%	-	318 1%	-	-	022	Me. 1972
211 1%	-	294 1%	-	-	023	Me. 1973
-	-	288 1%	46 0%	-	061	Vt. 1971 (first)
-	-	220 1%		-	063	Vt. 1972
-	-	224 1%	-	-	064	Vt. 1973
270 2%	-	379 1%	-	-	221	Ind. 1971
240 2%	-	400 1%	-	-	222	Ind. 1972
240 2%	-	400 1%	-	-	223	Ind. 1973
129 1%	126 1%	258 1%	235 1%	-	231	Mich. 1971
206 1%	290 2%	393 1%	343 2%	-	232	Mich. 1972
153 1%	153 1%	301 1%	362 2%	-	233	Mich. 1973
99 1%	133 1%	216 1%	175 1%	-	241	Ohio 1972
225 2%	52 0%	563 2%	290 2%	-	242	Ohio 1973
311 2%	-	480 2%	-	-	311	Iowa 1972

WEE	WDE	WEL	WDL	NRS	V1	R1 Survey Identification No. (Continued)
383 3%	-	366 1%	-	-	312	Iowa 1973
291 2%	-	410 2%	-	-	313	Iowa 1974
149 1%	232 2%	225 1%	305 2%	-	321	Kan. 1971
141 1%	144 1%	227 1%	229 1%	-	322	Kan. 1972
152 1%	140 1%	218 1%	226 1%	-	323	Kan. 1973
137 1%	139 1%	181 1%	391 2%	-	331	Minn. 1971
139 1%	131 1%	273 1%	207 1%	-	332	Minn. 1973
189 1%	266 3%	277 1%	383 2%	-	341	Mo. 1971
142 1%	151 1%	183 1%	230 1%	-	342	Mo. 1972
127 1%	160 2%	213 1%	237 1%	-	343	Mo. 1973
196 1%	168 2%	217 1%	192 1%	-	351	Neb. 1971
188 1%	148 1%	270 1%	181 1%	-	352	Neb. 1972
124 1%	116 1%	212 1%	236 1%	-	353	Neb. 1973
210 1%	128 1%	317 1%	155 1%	-	371	S.D. 1971

WEE	WDE	WEL	WDL	NRS	V1	R1 Survey Identification No. (Continued)
712 5%	1106 11%	1067 4%	1523 9%	-	372	S.D. 1972
1001 7%	1103 11%	1751 6%	1688 10%	-	373	S. D. 1973
240 2%	199 2%	443 2%	321 2%	-	421	Ark. 1971
444 3%	-	1164 4%	-	-	422	Ark. 1972
205 1%	-	605 2%	-	-	423	Ark. 1973
145 1%	75 1%	432 2%	214 1%	-	431	Fla. 1972 (Jan.)
76 1%	37 0%	215 1%	111 1%	-	432	Fla. 1972 (July)
136 1%	70 1%	403	213 1%	-	433	Fla. 1973 (Jan.)
70 0%	34 0%	207 1%	100 1%	-	434	Fla. 1973 (July)
137 1%	66 1%	419 2%	208 1%	-	435	Fla. 1974 (Jan)
69 0%	35 0%	205 1%	103 1%	-	436	Fla. 1974 (July)
206 1%	-	443 2%	-	-	441	Ga. 1971
265 2%	-	473 2%	-	-	442	Ga. 1972
249 2%	-	424 2%	-	-	443	Ga. 1973

WEE	WDE	WEL	WDL	NRS	V1	R1 Survey Identification No. (Continued)	
279 2%	-	520 2%	-	-		451	La. 1971
212 1%	-	557 2%	-	-		452	La. 1972
207 1%	-	493 2%	-	-		453	La. 1973
140 1%	174 2%	224 1%	240 1%	-		471	N.C. 1970
125 1%	182 2%	209 1%	225 1%	-		472	N.C. 1971
108 1%	152 1%	204 1%	195 1%	-		473	N.C. 1972
116 1%	180 2%	228 1%	243 2%	-		474	N.C. 1973
176 1%	67 1%	442 2%	117 1%	-		482	S.C. 1972
110 1%	140 1%	243 1%	335 2%	-		483	S.C. 1973
249 2%	-	385 1%	-	-		491	Tex. 1971
295 2%	410 4%	441 2%	430 3%	-		501	Va. 1971
205 1%	308 3%	406 1%	567 4%	-		502	Va. 1972
177 1%	369 4%	349 1%	643 4%	-		503	Va. 1973

WEE	WDE	WEL	WDL	NRS	V1	R1 Survey Identification No. (Continued)	
150 1%	780 7%	134 1%	568 4%	-		531	Okla. 1971
225 2%	502 5%	362 1%	641 4%	-		532	Okla. 1972
252 2%	425 4%	345 1%	617 4%	-		533	Okla. 1973
130 1%	158 2%	304 1%	265 2%	-		661	N.M. 1971
152 1%	153 1%	306 1%	308 2%	-		663	N.M. 1973
158 1%	159 2%	307 1%	311 2%	-		664	N.M. 1974
236 2%	84 1%	407 2%	108 1%	-		671	Utah 1972
223 2%	50 0%	461 2%	88 1%	-		672	Utah 1973
212 1%	197 2%	469 2%	451 3%	-		711	Cal. 1972
187 1%	177 2%	380 1%	336 2%	-		712	Cal. 1973
144 1%	-	374 1%	-	-		721	Ore. 1971
198 1%	-	361 1%	-	-		722	Ore. 1972
194 1%	-	355 1%	-	-		723	Ore. 1973

V1 R1 Survey Identification No. (Continued)

WEE	WDE	WEL	WDL	NRS		
157 1%	-	343 1%	-	-	731	Wash. 1971
183 1%	-	342 1%	-	-	732	Wash. 1972
184 1%	-	339 1%	-	-	733	Wash. 1973
145 1%	349 3%	245 1%	497 3%	-	822	P.R. 1973
-	-	-	-	3698 100%	901	United States 1973
14506	10405	27223	16174	3698	Total (does not include 493 respondents for whom time/or date was not specified)	

V1A R1Y Survey Identification No.
NTDS (state of ASAP plus a consecutive number for each separate survey which had data with no time or date specified)

NTDS		
65 3%	062	Vt. 1971 (second)
805 37%	481	S.C. 1971
652 30%	492	Tex. 1972
652 30%	493	Tex. 1973
2174	Total	

V2 R1A State of Survey (ASAP)

WEE	WDE	WEL	WDL	NRS		
581 4%	87 1%	726 3%	86 1%	-	02.	Maine
-	-	732 3%	46 0%	-	06.	Vermont

V2 R1A State of Survey (ASAP)
(Continued)

WEE	WDE	WEL	WDL	NRS	
750 5%	-	1179 4%	-	-	22. Indiana
488 3%	469 5%	952 4%	940 6%	-	23. Michigan
324 2%	185 2%	779 3%	465 3%	-	24. Ohio
985 7%	-	1256 5%	-	-	31. Iowa
442 3%	516 5%	670 2%	760 5%	-	32. Kansas
276 2%	270 3%	454 2%	598 4%	-	33. Minnesota
458 3%	577 6%	673 2%	850 5%	-	34. Missouri
508 4%	432 4%	699 3%	609 4%	-	35. Nebraska
2048 14%	2519 24%	3344 12%	3591 22%	-	37. South Dakota
889 6%	199 2%	2212 8%	320 2%	-	42. Arkansas
633 4%	317 3%	1881 7%	949 6%	-	43. Florida
720 5%	-	1340 5%	-	-	44. Georgia
698 5%	-	1570 6%	-	-	45. Louisiana

V2 R1A State of Survey (ASAP)
(Continued)

WEE	WDE	WEL	WDL	NRS		
364 3%	506 5%	656 2%	678 4%	-	47.	North Carolina
286 2%	207 2%	685 3%	452 3%	-	48.	South Carolina
249 2%	-	385 1%	-	-	49.	Texas
677 5%	1087 10%	1196 4%	1640 10%	-	50.	Virginia
627 4%	1707 16%	841 3%	1826 11%	-	53.	Oklahoma
440 3%	470 5%	917 3%	884 5%	-	66.	New Mexico
459 3%	134 1%	868 3%	196 1%	-	67.	Utah
399 3%	374 4%	849 3%	787 5%	-	71.	California
536 4%	-	1090 4%	-	-	72.	Oregon
524 4%	-	1024 4%	-	-	73.	Washington
145 1%	349 3%	245 1%	497 3%	-	82.	Puerto Rico
-	-	-	-	3698	90.	United States
14506	10405	27223	16174	3698	Total	

V2A R1Z State of Survey - NTDS (states with some surveys which had no times or dates specified)

NTDS	
65 3%	06. Vermont
805 37%	48. South Carolina
1304 60%	49. Texas
2174	Total

V3 R1B Region

WEE	WDE	WEL	WDL	NRS	
581 4%	87 1%	1458 5%	132 1%	904 24.4%	1. Northeast
6154 42%	4786 46%	9797 36%	7588 47%	1113 20.1%	2. Midwest
5268 36%	4205 40%	10975 40%	6090 38%	1000 27.0%	3. South
2358 16%	978 9%	4748 17%	1867 12%	681 18.4%	4. West

V3 R1B Region (Continued)

WEE	WDE	WEL	WDL	NRS	
655 5%	260 2%	245 5%	662 4%	-	5. Puerto Rico
14506	10405	27223	16174	3698 100%	Total

V4 R1C Year of Survey

WEE	WDE	WEL	WDL	NRS	
140 1%	174 2%	224 1%	240 1%	-	0. 1970
3150 22%	2326 22%	5624 21%	2780 17%	-	1. 1971
5178 36%	3843 37%	9570 35%	5906 37%	-	2. 1972
5383 37%	3802 37%	10464 38%	6626 41%	3698 100%	3. 1973
655 5%	260 2%	1341 5%	622 4%	-	4. 1974
14506	10405	27223	16174	3698	Total

V5 R2 Basis of Site Selection

WEE	WDE	WEL	WDL	NRS		MD=0
6104 43%	2429 24%	10632 40%	4048 26%	-	1.	High crash or alcohol-involved crash sites.
-	-	732 3%	46 0%	-	2.	High arrest or alcohol-involved arrest sites.
1698 12%	583 6%	4535 17%	1386 9%	-	3.	Combination of high crash & high arrest sites.

V5 R2 Basis of Site Selection (Continued)

WEE	WDE	WEL	WDL	NRS	
4006 28%	5518 54%	6350 24%	7453 47%	3698 100%	4. Systematic random selection of sites.
2374 17%	1690 17%	4195 16%	2776 18%	-	5. General random selection of sites, including random procedure NA.
324	185	779	465	-	0. Missing Data
14182	10220	26444	15709	3698	Total

V6 R3 Type of Data Record

WEE	WDE	WEL	WDL	NRS	
14506	10405	27223	16174	-	1. Driver, ASAP area.
	1320 (Total)				2. Driver, Control area.
-	-	-	-	3698	3. Driver, national survey.
	2701 (Total)				4. Passenger, ASAP area.
	62(Total)				5. Passenger, control area.
					Total

V7 R4 Site Identification No. (4 digits)

MD=0000

V8 R5 Site Geography

MD=0

WEE	WDE	WEL	WDL	NRS	
1488 62%	1256 64%	3256 62%	2352 66%	2703 73%	1. Urban (including suburban)

V8 R5 Site Geography (Continued)

WEE	WDE	WEL	WDL	NRS	
914 38%	711 36%	2012 38%	1198 34%	995 27%	2. Rural
12104	8438	21955	12624	-	0. Missing Data
2402	1967	5268	3550	3698	Total

V9 R6 Site Traffic Volume

MD=0

WEE	WDE	WEL	WDL	NRS	
307 48%	335 48%	635 54%	721 58%	2558 61.1%	1. Heavy
330 52%	366 52%	542 46%	524 42%	1140 30.9%	2. Medium
13869	9704	26046	14929	-	0. Missing Data
637	701	1177	1245	3698	Total

V10 R6A Site Traffic Count (4 digits)

MD=0000

V11 R6B Site Vehicles Stopped (2 digits)

MD=00

WEE	WDE	WEL	WDL	NRS	
4 0%	5 0%	9 0%	13 0%	-	01.
2 0%	-	5 0%	7 0%	-	02.
-	1 0%	8 0%	5 0%	-	03.
-	1 0%	2 0%	3 0%	-	04.

V11 R6B Site Vehicles Stopped
(Continued)

WEE	WDE	WEL	WDL	NRS	
5 0%	-	8 0%	18 0%	5 0%	05.
-	5 0%	10 0%	30 0%	6 0%	06.
13 0%	-	35 0%	52 1%	-	07.
16 0%	29 0%	47 1%	58 1%	40 1%	08.
10 0%	10 0%	58 1%	39 0%	18 .4%	09.
47 1%	30 0%	106 1%	174 2%	80 2.1%	10.
11 0%	39 1%	94 1%	101 1%	88 2.4%	11.
15 0%	48 1%	82 1%	170 2%	204 2.5%	12.
40 1%	64 1%	226 3%	127 1%	234 6.3%	13.
63 1%	16 0%	90 1%	187 2%	224 6.1%	14.
96 2%	98 2%	186 2%	341 4%	150 4.1%	15.
126 2%	35 1%	254 3%	300 3%	80 2.2%	16.
91 2%	185 3%	237 3%	294 3%	17 .5%	17.

V11 R6B Site Vehicles Stopped
(Continued)

WEE	WDE	WEL	WDL	NRS	
163	127	268	245	108	18.
3%	2%	3%	3%	2.9%	
51	118	256	265	19	19.
1%	2%	3%	3%	.5%	
477	588	794	689	60	20.
9%	10%	9%	7%	1.6%	
296	290	682	422	84	21.
5%	5%	8%	5%	2.3%	
438	263	347	177	66	22.
8%	4%	4%	2%	1.8%	
362	283	350	176	69	23.
6%	5%	4%	2%	1.9%	
158	93	148	315	120	24.
3%	2%	2%	3%	3.2%	
102	53	222	221	201	25.
2%	1%	2%	2%	5.4%	
241	121	173	217	363	26.
4%	2%	2%	2%	9.8%	
27	96	81	174	189	27.
0%	2%	1%	2%	5.1%	
56	28	84	112	140	28.
1%	0%	1%	1%	3.8%	
104	48	70	97	145	29.
2%	1%	1%	1%	2.9%	
87	48	213	252	60	30.
2%	1%	2%	3%	1.6%	

V11 R6B Site Vehicles Stopped (Continued)

WEE	WDE	WEL	WDL	NRS	
92 2%	38 1%	62 1%	115 1%	248 6.7%	31.
49 1%	64 1%	175 2%	224 2%	128 3.5%	32.
180 3%	-	128 1%	119 1%	132 3.6%	33.
89 2%	-	149 2%	102 1%	68 1.8%	34.
144 2%	-	165 2%	105 1%	70 1.9%	35.
36 1%	92 2%	72 1%	196 2%	72 1.9%	36.
74 1%	-	74 1%	-	-	37.
38 1%	51 1%	266 3%	404 4%	38 1.0%	38.
46 1%	196 3%	344 4%	350 4%	-	39.
239 4%	228 4%	401 4%	532 6%	40 1.1%	40.
-	63 1%	41 0%	60 1%	-	41.
105 2%	42 1%	62 1%	126 1%	-	42.
76 1%	139 2%	99 1%	116 1%	43 1.2%	43.

V11 R6B Site Vehicles Stopped
(Continued)

WEE	WDE	WEL	WDL	NRS	
10 0%	45 1%	166 2%	87 1%	44 1.2%	44.
67 1%	158 3%	113 1%	112 1%	45 1.2%	45.
-	64 1%	138 2%	212 2%	-	46.
-	100 2%	47 1%	88 1%	-	47.
48 1%	96 2%	48 1%	96 1%	-	48.
35 1%	-	14 0%	-	-	49.
-	151 2%	-	49 1%	-	50.
-	129 2%	51 1%	24 0%	-	51.
91 2%	145 2%	65 1%	11 0%	-	52.
93 2%	148 2%	65 1%	64 1%	-	53.
108 2%	56 1%	162 2%	52 1%	-	54.
55	-	-	-	-	55.
43 1%	82 1%	69 1%	30 0%	-	56.

V11 R6B Site Vehicles Stopped (Continued)

WEE	WDE	WEL	WDL	NRS	
-	43 1%	171 2%	14 0%	-	57.
58 1%	116 2%	116 1%	-	-	58.
-	51 1%	-	8 0%	-	59.
119 2%	-	60 1%	60 1%	-	60.
60 1%	78 1%	1 0%	44 0%	-	61.
46 1%	-	16 0%	124 1%	-	62.
63 1%	101 2%	96 1%	118 1%	-	63.
-	50 1%	-	14 0%	-	64.
54 1%	99 2%	141 2%	31 0%	-	65.
53 1%	7 0%	78 1%	60 1%	-	66.
-	86 1%	-	48 1%	-	67.
-	-	68 1%	68 1%	-	68.
9 0%	-	61 1%	-	-	70.

V11 R6B Site Vehicles Stopped (Continued)

WEE	WDE	WEL	WDL	NRS	
5 0%	-	67 1%	-	-	72.
58 1%	-	16 0%	-	-	74.
75 1%	-	-	-	-	75.
-	134 2%	-	18 0%	-	76.
24 0%	164 3%	16 0%	33 0%	-	79.
81 1%	-	-	-	-	81.
82 1%	-	-	-	-	82.
-	53 1%	-	34 0%	-	87.
-	89 1%	-	-	-	89.
-	91 1%	-	-	-	91.
-	44 1%	-	51 1%	-	95.
-	63 1%	-	34 0%	-	97.
8930	4327	18195	6860	-	00. Missing Data
5576	6078	9028	9314	3698	Total

V12 R6C Site Sampling Rate
(2 digits)
MD=00

WEE	WDE	WEL	WDL	NRS	
-	-	-	31 2%	-	01.
1 0%	-	32 3%	107 8%	128 3.5%	02.
-	-	149 13%	144 11%	107 2.9%	03.
32 5%	-	45 4%	105 8%	459 12.4%	04.
15 2%	50 6%	136 12%	31 2%	308 8.3%	05.
-	29 4%	85 7%	44 3%	397 10.7%	06.
15 2%	-	113 10%	58 5%	390 10.5%	07.
29 4%	15 2%	67 6%	90 7%	238 6.4%	08.
42 6%	49 6%	57 5%	17 1%	242 6.5%	09.
-	20 2%	-	63 5%	37 1.0%	10.
2 0%	19 2%	78 7%	53 4%	146 3.9%	11.
29 4%	15 2%	-	28 2%	233 6.3%	12.
23 3%	26 3%	-	45 4%	77 2.1%	13.

V12 R6C Site Sampling Rate
(Continued)

WEE	WDE	WEL	WDL	NRS	
23 3%	-	-	49 4%	123 3.3%	14.
-	10 1%	-	47 4%	42 1.1%	15.
-	19 2%	-	21 2%	40 1.0%	16.
20 3%	32 4%	34 3%	10 1%	26 .7%	17.
-	41 5%	45 4%	40 3%	52 1.4%	18.
-	37 5%	53 5%	15 1%	127 3.4%	19.
36 5%	26 3%	15 1%	32 3%	113 3.1%	20.
-	7 1%	-	39 3%	18 15%	21.
40 6%	43 5%	-	-	79 2.1%	22.
29 4%	35 4%	-	49 4%	38 1.0%	23.
-	-	-	15 1%	-	24.
48 7%	-	-	17 1%	-	25.
26 4%	-	-	-	-	26.

V12 R6C Site Sampling Rate
(Continued)

WEE	WDE	WEL	WDL	NRS	
3 0%	-	38 3%	-	26 .7%	27.
75 11%	-	19 2%	40 3%	-	28.
5 1%	-	15 1%	-	36 1.0%	29.
23 3%	-	19 2%	-	-	30.
-	-	-	-	28 .8%	31.
-	-	-	42 3%	51 1.4%	32.
20 3%	24 3%	-	34 3%	12 .3%	33.
-	20 2%	32 3%	-	-	34.
-	-	-	-	20 .5%	35.
32 5%	61 8%	20 2%	-	-	36.
22 3%	19 2%	-	-	-	37.
-	-	-	-	23 .6%	38.
-	50 6%	-	-	-	39.

V12 R6C Site Sampling Rate
(Continued)

WEE	WDE	WEL	WDL	NRS	
6 1%	21 3%	14 1%	-	-	40.
-	-	-	-	18 .5%	41.
20 3%	32 4%	-	-	-	42.
-	37 5%	-	-	-	43.
-	18 2%	-	-	35 1.0%	44.
5 1%	-	19 2%	-	-	46.
-	-	-	-	13 .4%	49.
18 3%	-	2 0%	-	-	51.
1 0%	-	30 3%	-	-	52.
-	20 2%	16 1%	-	-	53.
-	21 3%	-	-	-	54.
-	-	-	-	16 .2%	61.
-	-	20 2%	-	-	69.

V12 R6C Site Sampling Rate (Continued)

WEE	WDE	WEL	WDL	NRS		
-	17 2%	-	-	-	72.	
15 2%	-	-	-	-	84.	
18 3%	-	-	-	-	99.	
13833	9592	26070	14908	3698	00.	Missing Data
673	813	1153	1266	-	Total	

V13 R7 Month of Survey

MD=00

WEE	WDE	WEL	WDL	NRS		
714 5%	626 6%	1598 6%	1067 7%	-	01.	January
157 1%	274 3%	325 1%	319 2%	-	02.	February
591 4%	615 6%	1122 4%	1139 7%	-	03.	March
1160 8%	752 7%	1960 8%	1380 9%	-	04.	April
1878 14%	630 6%	3214 13%	1048 6%	-	05.	May
701 5%	704 7%	1285 5%	1064 7%	-	06.	June
378 3%	304 3%	1213 5%	746 5%	-	07.	July

V13 R7 Month of Survey

WEE	WDE	WEL	WDL	NRS		
597	1094	1032	1481	-	08.	August
4%	11%	4%	9%			
682	964	1543	1272	-	09.	September
5%	9%	6%	8%			
2216	2597	3826	3976	410	10.	October
16%	25%	15%	25%	11.1%		
3601	1246	6767	1935	2175	11.	November
26%	12%	27%	12%	58.8%		
1131	599	1765	745	1113	12.	December
8%	6%	7%	5%	30.1%		
700	-	1573	-	-	00.	Missing Data
13806	10405	25650	16172	3698		Total

V14 R7A Date of Survey

MD=00

WEE	WDE	WEL	WDL	NRS	
219	173	363	307	220	01.
2%	3%	2%	3%	5.9%	
443	186	765	253	230	02.
4%	3%	4%	2%	6.2%	
437	240	938	219	240	03.
4%	3%	5%	2%	6.5%	
393	175	479	350	-	04.
4%	3%	3%	3%		
412	187	679	474	-	05.
4%	3%	4%	4%		

V14 R7A Date of Survey
(Continued)

WEE	WDE	WEL	WDL	NRS	
401 4%	268 4%	684 4%	358 3%	-	06.
206 2%	223 3%	431 2%	318 3%	154 4.2%	07.
254 3%	155 2%	532 2%	212 2%	181 4.9%	08.
394 4%	315 5%	917 5%	355 3%	223 6.0%	09.
509 5%	309 4%	987 5%	370 3%	261 7.1%	10.
386 4%	205 3%	639 3%	325 3%	-	11.
380 4%	304 4%	731 4%	397 4%	-	12.
491 5%	290 4%	824 4%	344 3%	-	13.
283 3%	200 3%	376 2%	351 3%	290 7.8%	14.
198 2%	276 4%	310 2%	466 4%	268 7.2%	15.
269 3%	312 5%	447 2%	433 4%	274 7.4%	16.
443 4%	324 5%	753 4%	513 5%	254 6.9%	17.
337 3%	398 6%	502 3%	617 6%	-	18.

V14 R7A Date of Survey
(Continued)

WEE	WDE	WEL	WDL	NRS	
642 6%	280 4%	1169 6%	464 4%	-	19.
620 6%	382 6%	1129 6%	591 5%	-	20.
364 4%	253 4%	848 5%	552 5%	-	21.
377 4%	133 2%	898 5%	188 2%	-	22.
61 1%	115 2%	124 1%	347 3%	247 6.7%	23.
74 1%	220 3%	171 1%	343 3%	231 6.2%	24.
126 1%	162 2%	179 1%	286 3%	-	25.
284 3%	174 3%	646 3%	151 1%	203 5.5%	26.
493 5%	165 2%	822 4%	479 4%	207 5.6%	27.
330 3%	203 3%	703 4%	357 3%	-	28.
208 2%	59 1%	408 2%	152 1%	-	29.
96 1%	128 2%	185 1%	240 2%	215 5.8%	30.
21 0%	60 1%	41 0%	99 1%	-	31.

V14 R7A Date of Survey
(Continued)

WEE	WDE	WEL	WDL	NRS		
4355	3531	8543	5263	-	00.	Missing Data
10151	6874	18680	10911	3698		Total

V15 R7B Day of Week

MD=0

WEE	WDE	WEL	WDL	NRS		
-	1433 14%	-	2772 17%	-	1.	Sunday
-	1310 13%	1 0%	1830 11%	-	2.	Monday
-	1684 16%	-	2632 16%	-	3.	Tuesday
-	2806 27%	-	4117 25%	-	4.	Wednesday
4 0%	3151 30%	17 0%	4808 30%	-	5.	Thursday
7396 51%	21 0%	13710 51%	15 0%	1836 49.6%	6.	Friday
6990 49%	-	13339 49%	-	1862 50.4%	7.	Saturday
116	1	156	0	-	0.	Missing Data
14390	10405	27067	16174	3698		Total

V16 R7C Weekend/Weekday

WEE	WDE	WEL	WDL	NRS		
14506 100%	-	27223 100%	-	3698 100%	1.	Weekend

V16 R7C Weekend/Weekday
(Continued)

WEE	WDE	WEL	WDL	NRS		
-	10405 100%	-	16174 100%	-	2.	Weekday
14506	10405	27223	16174	3698		Total

V17 R7D Season of Year

WEE	WDE	WEL	WDL	NRS		
1291 9%	1380 13%	2696 10%	2270 14%	-	1.	Winter
3633 25%	2006 19%	6314 23%	3504 22%	-	2.	Spring
1413 10%	2301 22%	3282 12%	3280 20%	-	3.	Summer
8169 56%	4718 45%	14931 55%	7120 44%	3698 100%	4.	Fall
14506	10405	27223	16174	3698		Total

V18 R8 Time Beginning Interview
(4 Digits)
24 hr. Clock: Midnight = 2400
MD = 0000

V19 R8A Time Period-9

MD=0

WEE	WDE	WEL	WDL	NRS		
3305 37%	2703 40%	9 0%	10 0%	-	1.	5-7:59 p.m.
3232 36%	2364 35%	1 0%	18 0%	-	2.	8-8:59 p.m.
2414 27%	1479 22%	3 0%	25 0%	4 .1%	3.	9-9:59 p.m.
38 0%	191 3%	3849 24%	2763 28%	742 23.0%	4.	10-10:59 p.m.

V19 R8A Time Period-9
(Continued)

WEE	WDE	WEL	WDL	NRS		
1 0%	-	2997 19%	1473 15%	851 26.4%	5.	11-11:59 p.m.
-	1 0%	2539 16%	1164 12%	108 3.3%	6.	12-12:59 a.m.
17 0%	23 0%	3421 22%	2510 26%	738 22.9%	7.	1-1:59 a.m.
-	-	2251 14%	1451 15%	712 22.1%	8.	2-2:59 a.m.
-	-	905 6%	365 4%	70 2.1%	9.	3-6:00 a.m.
5499	3644	11248	6395	473	0.	Missing Data
9007	6761	15975	9779	3225		Total

V20 R9 Weather Conditions

MD=0

WEE	WDE	WEL	WDL	NRS		
784 80%	748 83%	1286 82%	1157 75%	2914 78.8%	1.	Clear or cloudy
60 6%	56 6%	84 5%	207 13%	541 14.6%	2.	Raining
94 10%	97 11%	121 8%	144 9%	166 4.5%	3.	Snowing
44 4%	-	79 5%	41 3%	77 2.1%	4.	Fog
13524	9504	25653	14625	-	0.	Missing Data
982	901	1570	1549	3698		Total

V21 R10 Basis of Respondent Selection

WEE	WDE	WEL	WDL	NRS	
14506 100%	10405 100%	27223 100%	16174 100%	3698 100%	1. Random
14506	10405	27223	16174	3698	Total

V22 R11 Vehicle No. at Site

WEE	WDE	WEL	WDL	NRS	
32 7%	-	32 4%	-	-	01.
32 7%	-	32 4%	-	-	02.
32 7%	-	32 4%	-	-	03.
32 7%	-	32 4%	-	-	04.
32 7%	-	32 4%	-	-	05.
32 7%	-	32 4%	-	-	06.
32 7%	-	32 4%	-	-	07.
32 7%	-	32 4%	-	-	08.
32 7%	-	32 4%	-	-	09.
32 7%	-	32 4%	-	-	10.

V22 R11 Vehicle No. at Site

WEE	WDE	WEL	WDL	NRS	
16 3%	-	48 6%	-	-	11.
16 3%	-	48 6%	-	-	12.
16 3%	-	48 6%	-	-	13.
16 3%	-	48 6%	-	-	14.
16 3%	-	48 6%	-	-	15.
16 3%	-	48 6%	-	-	16.
16 3%	-	48 6%	-	-	17.
16 3%	-	48 6%	-	-	18.
16 3%	-	48 6%	-	-	19.
16 3%	-	48 6%	-	-	20.
14026	10405	26423	16174	-	00. Missing Data
480	-	800	-	-	Total

V23 R11A Vehicle Type-3

MD=0

WEE	WDE	WEL	WDL	NRS	
2816 94%	2040 91%	5197 95%	3080 91%	3395 93.6%	1. Passenger

V23 R11A Vehicle Type-3
(Continued)

WEE	WDE	WEL	WDL	NRS		
152 5%	177 8%	253 5%	274 8%	180 5.0%	2.	Cargo
17 1%	20 1%	23 0%	31 1%	52 1.4%	3.	Other
11521	8168	21750	12789	71	0.	Missing Data
2985	2237	5473	3385	3627		Total

V24 R11B Vehicle Type-7

WEE	WDE	WEL	WDL	NRS		MD=0
892 66%	614 57%	1334 63%	882 55%	-	1.	Sedan - Standard or intermediate
91 7%	100 9%	138 7%	130 8%	-	2.	Station wagon
117 9%	122 11%	244 11%	196 12%	-	3.	Sports car
173 13%	162 15%	289 14%	242 15%	-	4.	Compact or subcompact
14 1%	9 1%	13 1%	20 1%	-	5.	Minibus
60 4%	68 6%	89 4%	112 7%	-	6.	Pickup, truck
13 1%	8 1%	15 1%	19 1%	-	7.	Other
13146	9322	25101	14573		0.	Missing Data
1360	1083	2122	1601			Total

V25 R11C Vehicle Type-5

MD=0

WEE	WDE	WEL	WDL	NRS		
-	-	-	-	3395 93.6%	1.	Passenger
-	-	-	-	180 5.0%	2.	Cargo
-	-	-	-	45 1.2%	3.	Recreational
-	-	-	-	5 .1%	4.	Motorcycle
-	-	-	-	2 0%	5.	Other
-	-	-	-	71	0.	Missing Data
-	-	-	-	3627	Total	

V26 R11D Vehicle Age

MD=0

WEE	WDE	WEL	WDL	NRS		
644 39%	708 45%	1264 37%	1119 41%	-	1.	0-3 years old
570 35%	564 36%	1049 31%	901 33%	-	2.	4-9 years old
126 8%	119 8%	242 7%	276 10%	-	3.	10+ years old
301 18%	171 11%	873 25%	458 17%	-	4.	Not observed
12865	8843	23795	13420	-	0.	Missing Data
1641	1562	3428	2754	3698	Total	

V27 R11E Vehicle Condition

MD=0

WEE	WDE	WEL	WDL	NRS		
1019 64%	786 72%	1895 65%	1044 65%	-	1.	Excellent
491 31%	255 23%	873 30%	448 28%	-	2.	Fair
71 4%	47 4%	114 4%	109 7%	-	3.	Poor
17 1%	5 0%	31 1%	9 1%	-	4.	Not observed
12908	9312	24310	14564	-	0.	Missing Data
1598	1093	2913	1610	-	Total	

V28 R11F Seat Belts in Vehicle

MD=0

WEE	WDE	WEL	WDL	NRS		
967 82%	1828 80%	1229 75%	2239 77%	-	1.	Yes
105 9%	299 13%	145 9%	315 11%	-	2.	No
112 9%	170 7%	262 16%	356 12%	-	3.	Not observed
13322	8108	25587	13264	-	0.	Missing Data
1184	2297	1636	2910		Total	

V29 R11G Seat Belts in Use by Driver

MD=0

WEE	WDE	WEL	WDL	NRS		
18 1%	23 1%	35 1%	40 1%	186 5.0%	1.	Yes, shoulder
98 3%	100 4%	151 2%	118 3%	588 15.9%	2.	Yes, lap
317 10%	227 8%	668 11%	219 6%	-	3.	Yes, NA type
2348 75%	1817 64%	4530 74%	2540 65%	2464 66.6%	4.	Not used
350 11%	672 24%	728 12%	1018 26%	460 12.4%	5.	Not observed
11375	7566	21111	12239	-	0.	Missing Data
3131	2839	6112	3935	3698		Total

V30 R12 Number of Passengers (excluding driver)

MD=0

WEE	WDE	WEL	WDL	NRS		
4372 38%	3041 33%	7903 38%	4102 29%	1349 39.4%	1.	Actual number
1534 13%	1129 12%	2297 11%	1254 9%	489 14.3%	2.	Actual number
1023 9%	596 7%	1563 7%	671 5%	255 7.4%	3.	Actual number
387 3%	246 3%	498 2%	235 2%	93 2.7%	4.	Actual number
175 2%	111 1%	226 1%	109 1%	42 1.2%	5.	Actual number

V30 R12 Number of Passengers (Continued)

MD=0

WEE	WDE	WEL	WDL	NRS		
56 0%	38 0%	73 0%	28 0%	25 .7%	6.	Actual Number
28 0%	12 0%	25 0%	9 0%	5 .1%	7.	Actual Number
37 0%	12 0%	98 0%	8 0%	3 .1%	8.	Eight or more
3963 34%	3969 43%	8366 40%	7609 54%	1163 34.0%	9.	None
2931	1251	6124	2149	-	0.	Missing Data
11575	9154	21099	14025	3424		Total

V31 R12A Number of Passengers-3

MD=0

WEE	WDE	WEL	WDL	NRS		
4733 38%	3041 33%	8067 38%	4102 29%	1349 39.4%	1.	One
3440 28%	2144 23%	5065 22%	2314 16%	912 26.6%	2.	Two or more
4256 34%	3969 43%	8981 40%	7609 54%	1163 34.0%	3.	None
2077	1251	4510	2149	-	0.	Missing Data
12429	9154	22713	14025	3424		Total

V32 R13 Respondent Participation

MD=0

WEE	WDE	WEL	WDL	NRS		
11369 97%	7146 97%	21434 98%	11351 97%	3145 85.1%	1.	Interview & breath test
53 0%	40 1%	97 0%	79 1%	48 1.3%	2.	Breath test only
119 1%	58 1%	200 1%	103 1%	213 5.8%	3.	Interview only
136 1%	98 1%	225 1%	218 2%	291 7.9%	4.	Complete refusal
2829	3063	5267	4423	1	0.	Missing Data
11677	7342	21956	11751	3697		Total

V33 R14 Drinking Estimate-3

MD=0

WEE	WDE	WEL	WDL	NRS		
3575 81%	2147 86%	4934 65%	3077 74%	2532 68.5%	1.	Had not been drinking
414 9%	157 6%	1558 21%	641 15%	957 25.9%	2.	Had been drinking a little
35 1%	13 1%	212 3%	111 3%	72 1.9%	3.	Had been drinking a lot
413 9%	184 7%	833 11%	313 8%	137 3.7%	4.	Not observed, no estimate made
10069	7904	19686	12032	-	0.	Missing Data
4437	2501	7537	4142	3698		Total

V34 R14A Drinking Estimate-2

MD=0

WEE	WDE	WEL	WDL	NRS		
4161 80%	2147 86%	5792 65%	3077 74%	2532 68.5%	1.	Not Drinking
504 10%	170 7%	2036 23%	752 18%	1029 27.8%	2.	Drinking
566 11%	184 7%	1111 12%	313 8%	137 3.7%	3.	Not observed, no estimate made
9275	7904	18284	23032	-	0.	Missing Data
5231	2501	8939	4142	3698		Total

V35 R15 Passenger Relationship to Driver

MD=0

WEE	WDE	WEL	WDL	NRS		
1098 100%	646 100%	3618 100%	1689 100%	-	6.	Inap., R is driver
13408	9759	23605	14485	-	0.	Missing Data
1098	646	3618	1689			Total

V36 R16 Sex

MD=0

WEE	WDE	WEL	WDL	NRS		
11311 78%	7876 76%	22123 82%	12878 80%	3032 82.8%	1.	Male
3108 22%	2508 24%	4961 18%	3254 20%	628 17.2%	2.	Female
87	21	139	42	38	0.	Missing Data
14419	10384	27084	16132	3660		Total

V37 R17 Race-3

MD=0

WEE	WDE	WEL	WDL	NRS		
11505	8577	21090	12872	3211	1.	White
84%	91%	85%	89%	88.9%		
1682	485	3057	1140	310	2.	Black
12%	5%	12%	8%	8.6%		
486	372	709	436	92	3.	Other
12%	4%	3%	3%	2.5%		
832	971	2367	1726	85	0.	Missing Data
13674	9434	24856	14448	3613		Total

V38 R17A Race-6

MD=0

WEE	WDE	WEL	WDL	NRS		
5922	3981	10648	6124	-	1.	White
85%	91%	87%	89%			
743	145	1229	529	-	2.	Black
11%	3%	10%	8%			
8	11	27	14	-	3.	Oriental
0%	0%	0%	0%			
136	11	197	23	-	4.	Latin
2%	0%	2%	0%			
139	230	157	171	-	5.	American Indian
2%	5%	1%	2%			
11	2	7	3	-	6.	Other
0%	0%	0%	0%			
7547	6025	14958	9310	3698	0.	Missing Data
6959	4380	12265	6864	3698		Total

V39 R18 Weight

MD=0

WEE	WDE	WEL	WDL	NRS		
62 1%	56 1%	104 1%	72 1%	-	1.	Under 100
636 6%	579 7%	1063 5%	702 5%	-	2.	100-119
1569 14%	1258 15%	2840 14%	1786 14%	-	3.	120-139
2573 23%	1809 21%	4587 23%	2841 22%	-	4.	140-159
2801 25%	2122 25%	5299 26%	3246 25%	-	5.	160-179
1987 18%	1505 18%	3478 17%	2287 18%	-	6.	180-199
1020 9%	729 9%	1731 9%	1184 9%	-	7.	200-219
693 6%	461 5%	1203 6%	782 6%	-	8.	220 or more
3165	1886	6918	3274	-	0.	Missing Data
11341	8519	20305	12900	-	Total	

V40 R19 Age

MD=00

WEE	WDE	WEL	WDL	NRS	
-	2 0%	-	-	-	02.
-	-	-	1 0%	-	06.

V40 R19 Age
(Continued)

WEE	WDE	WEL	WDL	NRS	
-	-	1 0%	-	-	09.
-	-	1 0%	-	-	10.
-	-	-	1 0%	-	11.
-	-	-	-	1 0%	13.
2 0%	-	2 0%	1 0%	-	14.
9 0%	6 0%	12 0%	5 0%	1 0%	15.
145 3%	82 2%	239 2%	99 2%	76 2.3%	16.
201 4%	137 4%	466 5%	187 3%	147 4.4%	17.
227 5%	127 4%	649 6%	300 5%	200 6.0%	18.
214 5%	158 5%	704 7%	336 6%	178 5.3%	19.
205 4%	132 4%	610 6%	349 6%	194 5.8%	20.
219 5%	147 4%	619 6%	322 5%	158 4.7%	21.
172 4%	157 5%	528 5%	342 6%	137 4.1%	22.

V40 R19 Age
(Continued)

WEE	WDE	WEL	WDL	NRS	
179	160	494	303	163	23.
4%	5%	5%	5%	4.9%	
167	113	443	257	128	24.
4%	3%	4%	4%	3.8%	
161	135	424	257	134	25.
3%	4%	4%	4%	4.0%	
136	99	330	214	145	26.
3%	3%	3%	4%	4.3%	
129	94	302	157	108	27.
3%	3%	3%	3%	3.2%	
110	79	265	204	74	28.
2%	2%	3%	3%	2.2%	
106	98	281	166	68	29.
2%	3%	3%	3%	2.0%	
121	84	246	170	109	30.
3%	2%	2%	3%	3.3%	
95	69	207	120	61	31.
2%	2%	2%	2%	1.8%	
108	70	212	128	71	32.
2%	2%	2%	2%	2.1%	
104	60	181	88	61	33.
2%	2%	2%	1%	1.8%	
89	66	164	115	62	34.
2%	2%	2%	2%	1.9%	
83	54	191	107	61	35.
2%	2%	2%	2%	1.8%	

V40 R19 Age
(Continued)

WEE	WDE	WEL	WDL	NRS	
62	68	137	88	61	36.
1%	2%	1%	1%	1.8%	
75	49	154	92	35	37.
2%	1%	2%	2%	1.0%	
64	54	155	106	35	38.
1%	2%	2%	2%	1.0%	
74	59	167	103	44	39.
2%	2%	2%	2%	1.3%	
83	79	150	83	50	40.
2%	2%	2%	1%	1.5%	
68	46	134	86	42	41.
1%	1%	1%	1%	1.3%	
82	63	102	87	53	42.
2%	2%	1%	1%	1.6%	
79	83	103	73	42	43.
2%	2%	1%	1%	1.3%	
79	54	132	87	38	44.
2%	2%	1%	1%	1.1%	
87	55	103	71	40	45.
2%	2%	1%	1%	1.2%	
59	56	108	62	48	46.
1%	2%	1%	1%	1.4%	
68	50	115	75	42	47.
1%	1%	1%	1%	1.3%	
68	55		56	32	48.
1%	2%	1%	1%	1.0%	

V40 R19 Age
(Continued)

WEE	WDE	WEL	WDL	NRS	
60 1%	46 1%	92 1%	62 1%	45 1.3%	49.
77 2%	51 1%	106 1%	59 1%	47 1.4%	50.
50 1%	31 1%	76 1%	63 1%	26 .8%	51.
54 1%	50 1%	76 1%	63 1%	36 1.1%	52.
52 1%	31 1%	73 1%	62 1%	39 1.2%	53.
49 1%	27 1%	53 1%	47 1%	20 .6%	54.
52 1%	43 1%	74 1%	50 1%	22 .7%	55.
36 1%	29 1%	52 1%	49 1%	23 .7%	56.
37 1%	36 1%	49 0%	49 1%	23 .7%	57.
33 1%	31 1%	39 0%	36 1%	30 .9%	58.
39 1%	29 1%	34 0%	38 1%	11 .3%	59.
40 1%	22 1%	51 1%	34 1%	22 .7%	60.
25 1%	11 0%	41 0%	24 0%	16 .5%	61.

V40 R19 Age
(Continued)

WEE	WDE	WEL	WDL	NRS	
40 1%	24 1%	35 0%	26 0%	18 .5%	62.
28 1%	12 0%	21 0%	22 0%	11 .3%	63.
19 0%	9 0%	28 0%	9 0%	10 .3%	64.
18 0%	11 0%	24 0%	17 0%	13 .4%	65.
17 0%	16 0%	12 0%	5 0%	6 .2%	66.
13 0%	14 0%	15 0%	11 0%	6 .2%	67.
14 0%	6 0%	13 0%	8 0%	5 .1%	68.
9 0%	9 0%	8 0%	10 0%	3 .1%	69.
13 0%	8 0%	12 0%	7 0%	8 .2%	70.
3 0%	10 0%	3 0%	5 0%	6 .2%	71.
6 0%	2 0%	5 0%	8 0%	2 .1%	72.
4 0%	6 0%	4 0%	1 0%	2 .1%	73.
5 0%	4 0%	5 0%	2 0%	-	74.

V40 R19 Age
(Continued)

WEE	WDE	WEL	WDL	NRS	
4 0%	3 0%	4 0%	2 0%	1 0%	75.
1 0%	3 0%	1 0%	3 0%	-	76.
1 0%	3 0%	1 0%	-	-	77.
1 0%	4 0%	2 0%	-	1 0%	78.
1 0%	-	1 0	1 0%	1 0%	79.
-	1 0%	1 0%	-	-	80.
-	-	1 0%	-	-	81
3 0%	1 0	-	1 0%	-	82.
-	1 0%	-	-	-	83.
-	-	1 0%	-	-	84.
-	-	-	1 0%	-	86.
-	-	1 0%	-	-	91.
-	-	-	2 0%	-	93.

V40 R19 Age
(Continued)

WEE	WDE	WEL	WDL	NRS		
9772	6921	16922	10098	347	00.	Missing Data
4734	3484	10301	6076	3351		Total

V41 R19A Age-6 (core)

MD=0

WEE	WDE	WEL	WDL	NRS		
2069	1523	5193	2556	602	1.	Under 20
16%	15%	21%	16%	18.0%		
4422	3501	9986	6601	1309	2.	20-29
34%	34%	41%	41%	39.1%		
2403	1911	4057	2995	600	3.	30-39
18%	19%	17%	19%	17.9%		
2002	1674	2769	2040	432	4.	40-49
15%	16%	11%	13%	12.9%		
1380	1126	1619	1280	277	5.	50-59
11%	11%	7%	8%	8.3%		
739	542	698	470	131	6.	60+
6%	5%	3%	3%	3.9%		
1491	128	2901	232	347	0.	Missing Data
13015	10277	24322	15942	3351		Total

V42 R19B Age-6 (ORI)

MD=0

WEE	WDE	WEL	WDL	NRS		
2061	1220	5586	2504	1382	1.	Under 25
36%	35%	45%	41%	41.2%		
1422	854	3194	1619	893	2.	25-34
25%	25%	26%	27%	26.6%		

V42 R19B Age-6 (ORI)
(Continued)

WEE	WDE	WEL	WDL	NRS		
912 16%	609 17%	1735 14%	912 15%	461 13.8%	3.	35-44
781 14%	452 13%	1161 9%	620 10%	375 11.2%	4.	45-54
440 8%	246 7%	539 4%	337 6%	186 5.6%	5.	55-64
150 3%	102 3%	165 1%	84 1%	54 1.6%	6.	65+
8740	6922	14843	10098	347	0.	Missing Data
5766	3483	12380	6076	3351	Total	

V43 R19C Age-8

MD=0

WEE	WDE	WEL	WDL	NRS		
363 8%	239 7%	742 7%	311 5%	224 6.7%	1.	Under 18
640 14%	404 12%	1943 19%	969 16%	572 17.1%	2.	18-20
701 15%	542 16%	2026 20%	1159 19%	586 17.5%	3.	21-24
1195 25%	889 26%	2670 26%	1684 28%	893 26.6%	4.	25-34
749 16%	609 17%	1449 14%	912 15%	461 13.8%	5.	35-44
624 13%	452 13%	934 9%	620 10%	375 11.2%	6.	45-54

V43 R19C Age-8
(Continued)

WEE	WDE	WEL	WDL	NRS		
349	246	424	337	186	7.	55-64
7%	7%	4%	6%	5.6%		
113	102	114	84	54	8.	65+
2%	3%	1%	1%	1.6%		
9772	6922	16921	10098	347	0.	Missing Data
4734	3483	10302	6076	3351		Total

V44 R20 Education -8

MD=0

WEE	WDE	WEL	WDL	NRS		
21	2	23	7	101	1.	0-7 Grades
2%	1%	1%	1%	3.0%		
85	10	68	13	140	2.	8 Grades
7%	3%	4%	2%	4.2%		
227	55	342	87	594	3.	9-11 Grades
17%	18%	18%	14%	17.7%		
538	86	732	170	1078	4.	High School Grad
41%	28%	39%	27%	32.1%		
3	14	9	15	127	5.	Business or Trade School
0%	5%	0%	2%	3.8%		
250	77	423	175	807	6.	1-3 yrs. College
19%	25%	23%	28%	24.1%		
103	30	150	67	306	7.	College Grad
8%	10%	8%	11%	9.2%		
78	34	116	92	202	8.	Some Graduate Work
6%	11%	6%	15%	6.0%		

V44 R20 Education -8
(Continued)

WEE	WDE	WEL	WDL	NRS		
13201	10097	25360	15548	343	0.	Missing Data
1305	308	1863	626	3355	Total	

V45 R20A Education-4

MD=0

WEE	WDE	WEL	WDL	NRS		
2018	807	3722	1537	835	1.	0-11 Grades
28%	22%	26%	25%	24.9%		
2658	1283	5080	2176	1205	2.	High School Grad with or without business or trade school
36%	34%	35%	35%	35.9%		
1630	941	3684	1650	807	3.	Some College
22%	25%	25%	27%	24.1%		
993	705	2077	830	508	4.	College Grad
14%	19%	14%	13%	15.1%		
7207	6669	12660	9981	343	0.	Missing Data
7299	3736	14563	6193	3355	Total	

V46 R20B Education-3

MD=0

WEE	WDE	WEL	WDL	NRS		
2075	820	3886	1571	835	1.	Non-High School Grad
27%	21%	25%	25%	24.9%		
4543	2313	9301	3956	2012	2.	High School Grad but not College Grad
59%	60%	60%	62%	60.0%		
1138	736	2241	862	508	3.	College Grad
15%	19%	15%	13%	15.1%		
6750	6536	11795	9785	343	0.	Missing Data

V46 R20B Education-3
(Continued)

WEE	WDE	WEL	WDL	NRS	
7756	3869	15428	6389	3355	Total

V47 R21 Employment Status

MD=0

WEE	WDE	WEL	WDL	NRS		
2760	1087	5118	1933	2631	1.	Employed
78%	79%	77%	79%	78.4%		
142	38	323	110	149	2.	Unemployed, laid off
4%	3%	5%	5%	4.4%		
97	30	121	21	76	3.	Retired, disabled
3%	2%	2%	1%	2.3%		
184	78	168	73	93	4.	Housewife
5%	6%	3%	3%	2.8%		
345	138	875	301	410	5.	Student, not in Labor
10%	10%	13%	12%	12.2%		Force
10978	9034	20618	13736	339	0.	Missing Data
3528	1371	6605	2438	3359		Total

V48 R22 Occupation-9

MD=0

WEE	WDE	WEL	WDL	NRS		
156	51	424	81	401	1.	Professional, technical
16%	22%	15%	14%	14.7%		
109	26	300	61	350	2.	Managerial, administrative
11%	11%	11%	11%	12.9%		
120	29	287	66	200	3.	Clerical
12%	12%	10%	11%	7.4%		

V48 R22 Occupation-9
(Continued)

WEE	WDE	WEL	WDL	NRS		
69 7%	26 11%	168 6%	35 6%	177 6.5%	4.	Sales
-	-	17 1%	-	21 1.0%	5.	Farming
164 17%	33 14%	453 16%	80 14%	392 14.4%	6.	Craftsman, foreman
143 15%	35 15%	387 14%	121 21%	510 18.7%	7.	Operative, semi-skilled
129 13%	33 14%	412 15%	105 18%	269 9.9%	8.	Service Worker (pvt. household & military)
89 9%	3 1%	305 11%	29 5%	401 14.7%	9.	Laborer (including farm)
13527	10169	24470	15596	977	0.	Missing Data
979	236	2753	578	2721		Total

V49 R22A Occupation-3

MD=0

WEE	WDE	WEL	WDL	NRS		
1259 46%	768 50%	2499 42%	1051 42%	1128 41.5%	1.	White Collar (1-4)
1422 51%	776 50%	3286 55%	1429 57%	1572 57.8%	2.	Blue Collar (6-9)
83 3%	2 0%	211 4%	6 0%	21 1.0%	3.	Other (5)
11742	8859	21227	13688	977	0.	Missing Data
2764	1546	5996	2486	2721		Total

V50 R23 Marital Status-4

MD=0

WEE	WDE	WEL	WDL	NRS		
3226 60%	1436 63%	5064 46%	2046 51%	1630 48.6%	1.	Married
399 7%	161 7%	1015 9%	423 11%	269 8.0%	2.	Divorced or Separated
128 2%	35 2%	195 2%	69 2%	46 1.4%	3.	Widowed
1602 30%	657 29%	4808 43%	1449 36%	1412 42.1%	4.	Single (never married)
9151	8116	16141	12187	-	0.	Missing Data
5355	2289	11082	3987	3357		Total

V51 R24 Religion-4

MD=0

WEE	WDE	WEL	WDL	NRS		
2122 63%	398 77%	4461 60%	690 70%	-	1.	Protestant (including LDS)
731 22%	89 17%	1703 23%	196 20%	-	2.	Roman Catholic
43 1%	7 1%	65 1%	15 2%	-	3.	Jewish
182 5%	11 2%	389 5%	38 4%	-	4.	Other
302 9%	11 2%	799 11%	41 4%	-	5.	None, no preference
11126	9889	19806	15194	-	0.	Missing Data
3380	516	7417	980	-		Total

V52 R25 Income-5

MD=0

WEE	WDE	WEL	WDL	NRS		
714 18%	110 12%	1481 21%	242 18%	-	1.	Under $5,000
1410 36%	304 34%	2418 34%	436 33%	-	2.	$5,000-10,000
1091 28%	249 28%	1795 26%	354 27%	-	3.	$10,000-15,000
450 11%	136 15%	745 11%	165 12%	-	4.	$15,000-20,000
286 7%	102 11%	570 8%	131 10%	-	5.	Over $20,000
10555	9504	9609	14846	-	0.	Missing Data
3951	901	7009	1328			Total

V53 R26 Residence-3 (State)

MD=0

WEE	WDE	WEL	WDL	NRS		
9445 83%	7576 81%	17343 84%	11196 80%	-	1.	In ASAP area
1355 12%	1389 15%	2380 11%	2098 15%	-	2.	Outside ASAP area in same state
583 5%	378 4%	1019 5%	700 5%	-	3.	Out of state
3123	1062	6481	2180	-	0.	Missing Data
11383	9343	20742	13994	-		Total

V54 R26A Length in ASAP Area

MD=0

WEE	WDE	WEL	WDL	NRS		
501 5%	448 6%	935 5%	694 6%	-	1.	Less than 6 months
184 2%	194 2%	373 2%	273 2%	-	2.	7-11 months
697 6%	547 7%	1206 7%	833 7%	-	3.	1-2 years
506 5%	356 5%	872 5%	555 5%	-	4.	3-4 years
6828 63%	4531 58%	11623 63%	6208 54%	-	5.	Over 4 years
2045 19%	1786 23%	3466 19%	2928 25%	-	6.	Inap., not an ASAP area resident
3745	2543	8748	4683	-	0.	Missing Data
10761	7862	18475	11491	-		Total

V55 R27 Mileage-4

MD=0

WEE	WDE	WEL	WDL	NRS		
3333 34%	2566 31%	6205 33%	3677 29%	732 22.7%	1.	Under 10,000
3763 38%	3006 36%	7126 38%	4724 37%	1383 42.9%	2.	10,000-19,999
1538 15%	1515 18%	2818 15%	2218 17%	583 18.1%	3.	20,000-29,999
1300 13%	1255 15%	2590 14%	2061 16%	523 16.2%	4.	30,000 or more
4572	2063	8484	3494	477	0.	Missing Data

V55 R27 Mileage-4
(Continued)

WEE	WDE	WEL	WDL	NRS	
9934	8342	18739	12680	3221	Total

V56 R27A Mileage-2

MD=0

WEE	WDE	WEL	WDL	NRS		
3501	2646	6435	3824	732	1.	Under 10,000
33%	31%	33%	29%	22.7%		
6977	5996	13223	9471	2489	2.	10,000 or more
67%	69%	67%	71%	77.3%		
4028	1763	7565	2879	477	0.	Missing Data
10478	8642	19658	13295	3221		Total

V57 R28 Days Driven Per Week

MD=0

WEE	WDE	WEL	WDL	NRS		
95	72	127	93	426	1.	One day
1%	1%	1%	1%	12.8%		
196	163	298	180	1095	2.	Two days
2%	2%	2%	2%	32.9%		
267	215	422	279	406	3.	Three days
3%	3%	3%	2%	12.2%		
205	194	356	245	453	4.	Four days
3%	3%	3%	2%	13.6%		
502	513	834	724	338	5.	Five days
6%	7%	6%	6%	10.2%		
506	503	746	677	165	6.	Six days
6%	6%	6%	6%	5.0%		
6195	6087	10742	9233	444	7.	Seven days
78%	78%	79%	81%	13.3%		

V57 R28 Days Driven Per Week (Continued)

WEE	WDE	WEL	WDL	NRS		
25 0%	13 0%	30 0%	12 0%	-	8.	None in a typical week
6515	2645	13668	4711	371	0.	Missing Data
7991	7760	13555	11463	3327		Total

V58 R29 Origin-7

MD=0

WEE	WDE	WEL	WDL	NRS		
666 36%	277 33%	566 16%	183 13%	-	1.	Own home
342 18%	134 16%	968 27%	271 20%	-	2.	Friend or relatives home
173 9%	131 16%	470 13%	487 36%	-	3.	Work or class
128 7%	51 6%	290 8%	64 5%	-	4.	Restaurant, drive-in
36 2%	15 2%	442 12%	124 9%	-	5.	Bar, tavern, club
96 5%	16 2%	321 9%	70 5%	-	6.	Sport or recreational facility
433 23%	208 25%	490 14%	166 12%	-	7.	Other (shopping, cultural event, appointment, just driving around, etc.)
12632	9573	23676	14809	-	0.	Missing Data
1874	832	3547	1365	-		Total

V59 R29A Origin-3

MD=0

WEE	WDE	WEL	WDL	NRS		
795	325	717	288	426	1.	Home
36%	30%	15%	15%	12.8%		
215	161	729	607	406	2.	Work or class
10%	15%	15%	32%	12.2%		
1223	587	3447	1001	2495	3.	Other
55%	55%	70%	53%	75.0%		
12273	9332	22330	14278	-	0.	Missing Data
2233	1073	4893	1896	3327		Total

V60 R30 Destination-7

MD=0

WEE	WDE	WEL	WDL	NRS		
1103	802	3183	2071	2301	1.	Own home
41%	48%	63%	72%	68.8%		
507	214	629	241	464	2.	Friend or relatives home
19%	13%	12%	8%	13.9%		
71	75	189	182	92	3.	Work or class
3%	4%	4%	6%	2.8%		
195	54	252	83	143	4.	Restaurant, drive-in
7%	3%	5%	3%	4.3%		
96	33	220	58	95	5.	Bar, tavern, club
4%	2%	4%	2%	2.8%		
218	90	96	13	21	6.	Sport or recreational facility
8%	5%	2%	0%	1%		
480	411	481	226	228	7.	Other (shopping, cultural event, appointment, just driving around, etc.)
18%	24%	10%	8%	6.8%		
11836	8726	22173	13300	354		Missing Data
2670	1679	5050	2874	3344		Total

V61 R30A Destination-3

MD=0

WEE	WDE	WEL	WDL	NRS		
1275 42%	952 50%	4217 66%	2456 72%	2301 68.8%	1.	Home
95 3%	83 4%	236 4%	240 7%	92 2.8%	2.	Work or Class
1659 55%	884 46%	1939 30%	708 21%	951 28.4%	3.	Other
11477	8486	20831	12830	354	0.	Missing Data
3029	1919	6392	3404	3344		Total

V62 R31 Accidents Past 3 Years

MD=0

WEE	WDE	WEL	WDL	NRS		
48 21%	59 23%	85 24%	92 24%	-	1.	One
9 4%	13 5%	22 6%	22 6%	-	2.	Two
5 2%	3 1%	8 2%	6 2%	-	3.	Three
1 0%	2 1%	5 1%	4 1%	-	4.	Four or more
166 72%	185 71%	229 66%	261 68%	-	5.	None
14277	10143	26874	15789	-	0.	Missing Data
229	262	349	385	-		Total

V63 R32 Ever Drink

MD=0

WEE	WDE	WEL	WDL	NRS		
3413	2444	4764	2841	524	1.	No
24%	24%	18%	18%	15.6%		
10751	7770	21757	12933	2823	2.	Yes
75%	76%	81%	82%	84.1%		
138	31	339	80	8	3.	No, but BAC of .02 or more (.01 in some surveys)
1%	0%	1%	1%	0%		
204	160	363	320	343	0.	Missing Data
14302	10245	26860	15854	3355		Total

V64 R32A Drinker Type

MD=0

WEE	WDE	WEL	WDL	NRS		
2519	1388	3397	1671	524	1.	Abstainer
24%	21%	18%	16%	15.7		
4042	2609	6870	3748	1290	2.	Very light drinker
38%	39%	37%	36%	38.6		
2209	1492	4260	2534	844	3.	Light or fairly light drinker
21%	22%	23%	24%	25.2		
1683	1098	3763	2339	647	4.	Moderate drinker
16%	16%	20%	22%	19.3		
88	48	197	142	26	5.	Fairly heavy drinker
1%	1%	1%	1%	1.0		
29	24	131	73	14	6.	Heavy drinker
0%	0%	1%	1%	.4		
3936	3746	8605	5667	353	0.	Missing Data
10570	6659	18618	10507	3345		Total

V65 R33 Most Frequent Alcoholic Beverage

MD=0

WEE	WDE	WEL	WDL	NRS		
6205 47%	4377 46%	12085 50%	7333 51%	-	1.	Beer
832 6%	649 7%	1701 7%	915 6%	-	2.	Wine
2716 20%	2022 21%	5175 22%	3171 22%	-	3.	Liquor
302 2%	155 2%	569 2%	257 2%	-	4.	Combination, all, no preference
3269 25%	2315 24%	4531 19%	2623 18%	-	5.	Non-drinker
1182	887	3162	1875	-	0.	Missing Data
13324	9518	24061	14299	-		Total

V66 R34 No. of Days 8+ Drinks

MD=0

WEE	WDE	WEL	WDL	NRS		
216 4%	222 4%	597 5%	423 5%	-	1.	One
73 1%	77 1%	226 2%	159 2%	-	2.	Two
21 0%	28 0%	77 1%	61 1%	-	3.	Three
12 0%	13 0%	29 0%	21 0%	-	4.	Four
4 0%	3 0%	21 0%	11 0%	-	5.	Five

V66 R34 No. of Days 8+ Drinks (Continued)

WEE	WDE	WEL	WDL	NRS		
1 0%	2 0%	12 0%	11 0%	-	6.	Six
20 0%	14 0%	57 1%	38 0%	-	7.	Seven
4342 71%	4239 72%	8300 73%	6180 75%	-	8.	None
1456 24%	1326 22%	2002 18%	1332 16%	-	9.	Non-drinker
8361	4481	15902	7938	-	0.	Missing Data
6145	5924	11321	8236			Total

V67 R34A No. of Days 5-7 Drinks

MD=0

WEE	WDE	WEL	WDL	NRS		
293 5%	320 5%	837 7%	649 8%	-	1.	One
98 2%	100 2%	274 2%	264 3%	-	2.	Two
31 1%	42 1%	95 1%	102 1%	-	3.	Three
14 0%	14 0%	31 0%	44 1%	-	4.	Four
16 0%	10 0%	20 0%	27 0%	-	5.	Five
7 0%	3 0%	20 0%	19 0%	-	6.	Six

V67 R34A No. of Days 5-7 Drinks
(Continued)

WEE	WDE	WEL	WDL	NRS		
11 0%	25 0%	29 0%	27 0%	-	7.	Seven
4233 69%	4093 69%	8039 71%	5789 70%	-	8.	None
1456 24%	1326 22%	2002 18%	1332 16%	-	9.	Non-drinker
8347	4472	15876	7921	-	0.	Missing Data
6159	5933	11347	8253	-	Total	

V68 R34B No. of Days 3-4 Drinks

MD=0

WEE	WDE	WEL	WDL	NRS		
596 10%	599 10%	1543 14%	1109 13%	-	1.	One
244 4%	229 4%	655 6%	451 5%	-	2.	Two
103 2%	102 2%	270 2%	218 3%	-	3.	Three
45 1%	50 1%	111 1%	84 1%	-	4.	Four
22 0%	17 0%	42 0%	43 1%	-	5.	Five
7 0%	11 0%	25 0%	28 0%	-	6.	Six
51 1%	39 1%	87 1%	75 1%	-	7.	Seven

V68 R34B No. of Days 3-4 Drinks (Continued)

WEE	WDE	WEL	WDL	NRS		
3637 59%	3560 60%	6617 58%	4915 60%	-	8.	None
1456 24%	1326 22%	2002 18%	1332 16%	-	9.	Non-drinker
8345	20846	15871	7919	-	0.	Missing Data
6161	5933	11352	8255	-	Total	

V69 R34C No. of Days 1-2 Drinks

MD=0

WEE	WDE	WEL	WDL	NRS		
1226 20%	1128 19%	2567 23%	1659 20%	-	1.	One
455 7%	431 7%	967 9%	759 9%	-	2.	Two
234 4%	214 4%	421 4%	307 4%	-	3.	Three
102 2%	99 2%	178 2%	149 2%	-	4.	Four
71 1%	55 1%	134 1%	101 1%	-	5.	Five
50 1%	45 1%	90 1%	81 1%	-	6.	Six
139 2%	142 2%	232 2%	160 2%	-	7.	Seven
2429 39%	2494 42%	4768 42%	3715 45%	-	8.	None

V69 R34C No. of Days 1-2 Drinks (Continued)

WEE	WDE	WEL	WDL	NRS		
1456 24%	1325 22%	2001 18%	1330 16%	-	9.	Non-drinker
8344	4472	15865	7913	-	0.	Missing Data
6162	5933	11358	8261	-		Total

V70 R34D No. of Days That Drank in Past Week

MD=0

WEE	WDE	WEL	WDL	NRS		
2165 23%	1786 22%	4342 26%	2899 24%	-	1.	One
1178 12%	960 12%	2464 15%	1798 15%	-	2.	Two
623 7%	544 7%	1293 8%	1025 9%	-	3.	Three
298 3%	275 3%	609 4%	511 4%	-	4.	Four
204 2%	192 2%	425 3%	370 3%	-	5.	Five
130 1%	128 2%	275 2%	288 2%	-	6.	Six
510 5%	468 6%	1011 6%	786 7%	-	7.	Seven
2177 23%	1968 24%	3190 19%	2321 19%	-	8.	None
2230 23%	1875 23%	2941 18%	1937 16%	-	9.	Non-drinker

V70 R34D No. of Days That Drank in Past Week (Continued)

WEE	WDE	WEL	WDL	NRS		
4991	2209	10673	4239	-	0.	Missing Data
9515	8196	16550	11935	-		Total

V71 R35 Most Drinks in One Day in Past Week

MD=0

WEE	WDE	WEL	WDL	NRS		
635 23%	432 24%	841 20%	559 20%	-	1.	None
384 14%	160 9%	508 12%	259 9%	-	2.	One
341 12%	172 10%	588 14%	328 12%	-	3.	Two
417 15%	222 12%	777 18%	455 16%	-	4.	Three-Four
202 7%	118 7%	425 10%	234 8%	-	5.	Five-Six
51 2%	50 3%	141 3%	107 4%	-	6.	Seven-Eight
104 4%	64 4%	235 5%	187 7%	-	7.	Nine or more
632 23%	565 32%	786 18%	668 24%	-	8.	Non-drinker
11740	8622	22922	13377	-	0.	Missing Data
2766	1783	4301	2797	-		Total

V72 R35A Most Drinks Usually

MD=0

WEE	WDE	WEL	WDL	NRS		
63 22%	32 23%	128 16%	56 13%	-	1.	One
71 25%	33 23%	211 26%	109 26%	-	2.	Two
30 11%	13 9%	119 15%	63 15%	-	3.	Three
14 5%	7 5%	66 8%	26 6%	-	4.	Four
16 6%	1 1%	25 3%	13 3%	-	5.	Five
5 2%	5 4%	32 4%	21 5%	-	6.	Six
2 1%	-	15 2%	2 0%	-	7.	Seven-Eight
3 1%	3 2%	14 2%	7 2%	-	8.	Nine or more
77 27%	47 33%	206 25%	123 29%	-	9.	None, abstainer
14225	10264	26407	15754	-	0.	Missing Data
281	141	816	420	-	Total	

V73 R36 Where Drink Most

MD=0

WEE	WDE	WEL	WDL	NRS		
832 43%	88 36%	1619 38%	231 35%	-	1.	Home

V73 R36 Where Drink Most
(Continued)

WEE	WDE	WEL	WDL	NRS		
174 9%	18 7%	534 13%	82 12%	-	2.	Friend's home, party
312 16%	32 13%	998 24%	121 18%	-	3.	Restaurant, bar, tavern, club
184 9%	9 4%	450 11%	19 3%	-	4.	Other
453 23%	96 40%	627 15%	210 32%	-	5.	Non-drinker
12551	10162	22995	15511	-	0.	Missing Data
1955	243	4228	663	-		Total

V74 R37 Drinking After Driving

MD=0

WEE	WDE	WEL	WDL	NRS		
66 4%	34 7%	410 9%	133 10%	-	1.	Almost always, often, more than half the time.
172 12%	48 9%	642 14%	170 13%	-	2.	Half the time, occasionally.
435 29%	143 28%	1584 34%	367 28%	-	3.	Less than half the time, rarely.
282 19%	111 22%	851 18%	274 21%	-	4.	Never
538 36%	178 35%	1219 26%	350 27%	-	5.	Non-drinker
13013	9891	22517	14880	-	0.	Missing Data
1493	514	4706	1294	-		Total

V75 R38 Drink Today (or last 12 hours)

MD=0

WEE	WDE	WEL	WDL	NRS		
1183 31%	635 22%	4277 50%	1919 37%	1667 49.8%	1.	Yes
2660 69%	2299 78%	4293 50%	3252 63%	1678 50.2%	2.	No (Including non-drinkers not asked)
10663	7471	18653	11003	353	0.	Missing Data
3843	2934	8570	5171	3345		Total

V76 R38A How Many Drinks Today

MD=00

WEE	WDE	WEL	WDL	NRS	
168 12%	168 10%	469 15%	314 14%	-	01.
107 7%	82 5%	345 11%	206 8%	-	02.
43 3%	36 2%	249 8%	149 5%	-	03.
31 2%	26 2%	197 6%	121 4%	-	04.
12 1%	6 0%	104 3%	68 3%	-	05.
11 1%	4 0%	66 2%	83 3%	-	06.
4 0%	2 0%	38 1%	21 1%	-	07.
3 0%	1 0%	39 1%	22 1%	-	08.

WEE	WDE	WEL	WDL	NRS	
3 0%	-	12 0%	7 0%	-	09.
2 0%	1 0%	22 1%	15 1%	-	10.
-	-	4 0%	3 0%	-	11.
-	1 0%	17 1%	7 0%	-	12.
-	1 0%	3 0%	-	-	13.
-	-	2 0%	4 0%	-	14.
-	-	3 0%	1 0%	-	15.
-	-	3 0%	2 0%	-	16.
-	-	7 0%	6 0%	-	18.
1 0%	-	1 0%	5 0%	-	20.
-	-	5 0%	-	-	24.
-	-	-	1 0%	-	28.
-	-	-	1 0%	-	30.

V76 R38A How Many Drinks Today
(Continued)

WEE	WDE	WEL	WDL	NRS		
-	-	-	1 0%	-	34.	
-	-	2 0%	-	-	36.	
-	-	1 0%	-	-	42.	
-	-	-	1 0%	-	50.	
1063 73%	1298 80%	1546 149%	1710 63%	-	90.	None, Didn't drink today (including ND. NA)
13058	8779	24089	13340	-	00.	Missing Data
1448	1626	3134	2834	-	Total	

V77 R38B How Many Drinks Today-8
(or last 12 hours)
MD=0

WEE	WDE	WEL	WDL	NRS		
184 12%	183 10%	517 15%	344 11%	-	1.	One drink
114 7%	86 5%	364 10%	236 8%	-	2.	Two drinks
47 3%	37 2%	269 8%	158 5%	-	3.	Three drinks
31 2%	27 2%	210 6%	134 4%	-	4.	Four drinks
13 1%	6 0%	116 3%	76 3%	-	5.	Five drinks

V77 R38B How Many Drinks Today-8 (or last 12 hours) (Continued)

WEE	WDE	WEL	WDL	NRS		
13 1%	4 0%	107 3%	51 2%	-	6.	Six drinks
15 1%	8 0%	172 5%	108 4%	-	7.	Seven or more drinks
1171 74%	1410 80%	1757 50%	1919 63%	-	8.	None, didn't drink today (X) = (incl. non drinkers not asked)
12918	8644	23711	13148	-	0.	Missing Data
1588	1716	3512	3026	-		Total

V78 R38C What Drink Today

MD=0

WEE	WDE	WEL	WDL	NRS		
207 18%	13 10%	613 28%	61 19%	-	1.	Beer
39 3%	2 1%	144 7%	8 3%	-	2.	Wine
104 9%	7 5%	332 15%	25 8%	-	3.	Liquor
6 1%	1 1%	58 3%	10 3%	-	4.	Combination, All
770 68%	112 83%	1065 48%	209 67%	-	5.	Inap., didn't drink today (X)
13380	10270	25011	15861	-	0.	Missing Data
1126	135	2212	313	-		Total

V79 R38D Drink Last 2 Hours

MD=0

WEE	WDE	WEL	WDL	NRS		
2440	1426	8097	4172	1120	1.	Yes
21%	16%	37%	31%	33.6%		
9301	7432	13784	9404	2215	2.	No
79%	84%	63%	69%	66.4%		
2765	1547	5342	2598	12839	0.	Missing Data
11741	8858	21881	13576	3335	Total	

V80 R38E How Many Drinks Last 2 Hours

MD=00

WEE	WDE	WEL	WDL	NRS	
297	182	642	280	-	01.
9%	9%	11%	9%		
190	80	554	230	-	02.
6%	4%	10%	7%		
69	27	327	155	-	03.
2%	1%	6%	5%		
31	16	158	89	-	04.
1%	1%	3%	3%		
14	3	67	34	-	05.
0%	0%	1%	1%		
7	6	66	27		06.
0%	0%	1%	1%		
5	1	12	7	-	07.
0%	0%	0%	0%		
3	1	28	11	-	08.
0%	0%	0%	0%		

WEE	WDE	WEL	WDL	NRS		
-	-	6 0%	3 0%	-	09.	
1 0%	-	8 0%	7 0%	-	10.	
-	-	3 0%	1 0%	-	11.	
-	1 0%	4 0%	4 0%	-	12.	
-	-	-	1 0%	-	13.	
-	-	-	2 0%	-	14.	
-	-	1 0%	2 0%	-	15.	
-	-	1 0%	-	-	16.	
-	-	-	1 0%	-	20.	
-	-	-	1 0%	-	22.	
1	-	2 0%	-	-	23.	
1 0%	-	1 0%	-	-	24.	
2655 81%	1803 85%	3814 67%	2276 73%	-	90.	None, didn't drink in the last 2 hours (X)

V80 R38E How Many Drinks Last 2 Hours (Continued)

WEE	WDE	WEL	WDL	NRS		
11232	8285	21529	13043	-	00.	Missing Data
3274	2120	5694	3131	-		Total

V81 R38F How Many 2 Hours-8

MD=0

WEE	WDE	WEL	WDL	NRS		
1057 10%	750 9%	2211 12%	1279 10%	-	1.	One
573 5%	369 4%	1839 10%	1087 9%	-	2.	Two
236 2%	126 1%	1091 6%	724 6%	-	3.	Three
93 1%	70 1%	583 3%	368 3%	-	4.	Four
36 0%	15 0%	248 1%	175 1%	-	5.	Five
34 0%	24 0%	211 1%	124 1%	-	6.	Six
30 0%	23 0%	251 1%	175 1%	-	7.	Seven or more
8428 80%	7179 84%	11715 65%	8852 69%	-	8.	None, didn't drink in the last 2 hours (X)
4019	1849	9074	3390	-	0.	Missing Data
10487	8556	18149	12784	-		Total

V82 R38G When Finish Last Drink

MD=0

WEE	WDE	WEL	WDL	NRS		
27 3%	11 2%	201 7%	61 5%	246 7.4%	1.	Less than 15 minutes ago.
37 5%	12 2%	213 7%	92 7%	74 2.2%	2.	16-29 minutes ago.
42 5%	19 4%	239 8%	73 6%	251 7.5%	3.	30-59 minutes ago.
35 4%	16 3%	263 9%	76 6%	363 10.9%	4.	60-119 minutes ago.
44 5%	20 4%	148 5%	46 4%	233 7.0%	5.	120-179 minutes ago.
105 13%	43 9%	436 15%	191 15%	490 14.7%	6.	3 hours or more ago.
528 65%	362 75%	1447 49%	752 58%	1678 50.3%	7.	Didn't drink today.
13688	9922	24276	14883	363	0.	Missing Data
818	483	2947	1291	3335		Total

V83 R38H Drink Last Half Hour

MD=0

WEE	WDE	WEL	WDL	NRS		
275 9%	87 5%	1030 17%	357 11%	320 9.6%	1.	Yes
402 13%	271 15%	1596 26%	758 24%	1337 40.1%	2.	Drink today, but not in last half hour
1270 42%	1403 80%	2355 38%	2027 65%	1678 50.3%	3.	Didn't drink today *(X)*

V83 R38H Drink Last Half Hour (Continued)

WEE	WDE	WEL	WDL	NRS		
1069 35%	-	1233 20%	-	-	4.	No, NA whether drank today
11490	8644	21009	13032	363	0.	Missing Data
3016	1761	6214	3142	3335		Total

V84 R38I Drink Last 15 Minutes

MD=0

WEE	WDE	WEL	WDL	NRS		
124 4%	63 3%	548 8%	205 6%	246 7.4%	1.	Yes
719 23%	244 13%	2611 37%	819 24%	1411 42.3%	2.	Drink today, but not in last 15 minutes.
1634 52%	949 52%	2935 42%	1509 44%	1678 50.3%	3.	Didn't drink today (X)
652 21%	586 32%	955 14%	891 26%	-	4.	NO, NA whether drank today
11377	8563	20174	12750	363	0.	Missing Data
3129	1842	7049	3424	3335		Total

V85 R38J No. of Drinking Episodes Today

MD=0

WEE	WDE	WEL	WDL	NRS		
68 22%	64 21%	216 36%	170 31%	-	1.	One
8 3%	5 2%	53 9%	31 6%	-	2.	Two

V85 R38J No. of Drinking Episodes Today (Continued)

WEE	WDE	WEL	WDL	NRS		
-	-	13 2%	7 1%	-	3.	Three
-	-	1 0%	2 0%	-	4.	Four
-	-	3 0%	1 0%	-	5.	Five or more
238 76%	229 77%	322 53%	332 61%	-	6.	Inap., didn't drink today (X)
14192	10107	26615	15631	-	0.	Missing Data
314	298	608	543	-		Total

V86 R38K Where Drank Recent

MD=0

WEE	WDE	WEL	WDL	NRS		
124 7%	71 5%	527 16%	390 16%	-	1.	Bar, tavern, club
48 3%	23 2%	113 3%	64 3%	-	2.	Restaurant
286 15%	116 8%	378 12%	130 5%	-	3.	Own Home
77 4%	35 2%	339 10%	149 6%	-	4.	Friend's or relative's home
10 1%	6 0%	37 1%	33 1%	-	5.	Sport or recreational building
34 2%	18 1%	98 3%	68 3%	-	6.	Other

V86 R38K Where Drank Recent (Continued)

WEE	WDE	WEL	WDL	NRS		
1269 69%	1188 82%	1764 54%	1545 65%	-	7.	Inap., didn't drink recently (X)
12658	8948	23967	13795	-	0.	Missing Data
1848	1457	3256	2379	-		Total

V87 R38L Time Drove After Last Drink

MD=0

WEE	WDE	WEL	WDL	NRS		
18 12%	20 8%	26 11%	54 17%	-	2.	Less than 15 minutes.
19 13%	14 6%	52 22%	47 15%	-	3.	15-60 minutes.
5 3%	7 3%	28 12%	15 5%	-	4.	61-120 minutes.
6 4%	11 5%	15 6%	16 5%	-	5.	More than 2 hours.
98 67%	187 78%	111 48%	186 58%	-	6.	Inap., didn't drink recently (X)
14360	10166	26991	15856	-	0.	Missing Data
146	239	232	318	-		Total

V88 R39 BAC Reading

MD=99

WEE	WDE	WEL	WDL	NRS	
10685 75%	8707 85%	15847 60%	11294 71%	2210 69.2%	00.

V88 R39 BAC Reading
(Continued)

WEE	WDE	WEL	WDL	NRS	
1253 9%	519 5%	2526 10%	926 6%	202 6.3%	01.
658 5%	263 3%	1687 6%	636 4%	120 3.8%	02.
348 2%	158 2%	1184 4%	471 3%	86 2.7%	03.
298 2%	129 1%	1004 4%	444 3%	101 3.2%	04.
184 1%	103 1%	740 3%	334 2%	89 2.8%	05.
166 1%	79 1%	669 2%	282 2%	63 2.0%	06.
132 1%	63 1%	570 2%	237 1%	49 1.5%	07.
93 1%	53 1%	396 1%	203 1%	52 1.6%	08.
89 1%	45 0%	330 1%	182 1%	46 1.4%	09.
69 0%	19 0%	291 1%	157 1%	41 1.3%	10.
49 0%	24 0%	264 1%	138 1%	31 1.0%	11.
52 0%	20 0%	239 1%	107 1%	26 .8%	12.
34 0%	16 0%	165 1%	104 1%	14 .4%	13.

WEE	WDE	WEL	WDL	NRS	
30 0%	17 0%	144 1%	68 0%	18 .6%	14.
25 0%	7 0%	118 0%	71 0%	11 .3%	15.
15 0%	5 0%	83 0%	55 0%	9 .3%	16.
18 0%	7 0%	66 0%	44 0%	6 .2%	17.
14 0%	3 0%	52 0%	27 0%	2 0%	18.
6 0%	5 0%	33 0%	29 0%	5 .2%	19.
10 0%	2 0%	34 0%	12 0%	5 .2%	20.
3 0%	1 0%	29 0%	15 0%	-	21.
5 0%	2 0%	22 0%	7 0%	3 .1%	22.
4 0%	2 0%	10 0%	4 0%	1 0%	23.
2 0%	2 0%	8 0%	8 0%	1 0%	24.
5 0%	-	8 0%	1 0%	-	25.
-	1 0%	1 0%	6 0%	1 0%	26.

V88 R39 BAC Reading
(Continued)

WEE	WDE	WEL	WDL	NRS	
-	1 0%	4 0%	2 0%	-	27.
-	1 0%	7 0%	2 0%		28.
2 0%	-	1 0%	1 0%	-	29.
3 0%	-	1 0%	1 0%	-	30.
1 0%	-	4 0%	-	-	31.
-	1 0%	1 0%	1 0%	-	33.
-	-	2 0%	-	-	34.
1 0%	-	1 0%	1 0%	-	37.
-	-	1 0%	-	-	38.
-	-	2 0%	-	-	39.
-	-	2 0%	-	-	40.
-	-	-	1 0%	-	41.
-	-	2 0%	-	-	42.

V88 R39 BAC Reading
(Continued)

WEE	WDE	WEL	WDL	NRS		
-	1 0%	1 0%	-	-	44.	
-	-	1 0%	-	-	45.	
-	-	1 0%	-	-	46.	
-	-	2 0%	-	-	48.	
-	-	1 0%	-	-	49.	
-	-	1 0%	-	-	52.	
-	-	1 0%	-	-	53.	
-	-	1 0%	-	-	54.	
-	-	1 0%	-	-	63.	
252	149	665	303	506	99.	Missing Data
14254	10256	26563	15871	3192	Total	

V89 R39A BAC-7

MD=0

WEE	WDE	WEL	WDL	NRS		
10303 74%	8018 84%	15333 59%	10072 69%	2210 69.2%	1.	.00
1253 9%	519 5%	2526 10%	926 6%	202 6.3%	2.	.01

V89 R39A BAC-7
(Continued)

WEE	WDE	WEL	WDL	NRS		
1304	550	3875	1551	307	3.	.02-.04
9%	6%	15%	11%	9.6%		
482	245	1979	853	201	4.	.05-.07
3%	3%	8%	6%	6.3%		
182	98	726	385	98	5.	.08-.09
1%	1%	3%	3%	3.1%		
234	96	1103	574	130	6.	.10-.14
2%	1%	4%	4%	4.1%		
114	41	502	288	44	7.	.15+
1%	0%	2%	2%	1.4%		
634	838	1179	1525	506	0.	Missing Data
13872	9567	26044	14649	3192	Total	

V90 R39B BAC-5

MD=0

WEE	WDE	WEL	WDL	NRS		
10561	8557	15861	10907	2210	1.	.00
74%	84%	59%	69%	69.2%		
2639	1169	6589	2674	509	2.	.01-.04
19%	11%	25%	17%	15.9%		
689	363	2774	1336	299	3.	.05-.09
5%	4%	10%	8%	9.4%		
239	103	1128	617	130	4.	.10-.14
2%	1%	4%	4%	4.1%		
118	43	516	303	44	5.	.15+
1%	0%	2%	2%	1.4%		

V90 R39B BAC-5
(Continued)

MD=0

WEE	WDE	WEL	WDL	NRS		
260	170	355	337	506	0.	Missing Data
14246	10235	26868	15837	3192		Total

V91 R39C BAC-4

MD=0

WEE	WDE	WEL	WDL	NRS		
11864 83%	9194 89%	18399 69%	11947 75%	2412 75.6%	1.	.00
1336 9%	577 6%	3983 15%	1634 10%	307 9.6%	2.	.02-.04
689 5%	363 4%	2766 10%	1336 8%	299 9.4%	3.	.05-.09
357 3%	146 1%	1637 6%	920 6%	174 5.5%	4.	.10+
260	170	438	337	506	0.	Missing Data
14246	10235	26785	15837	3192		Total

V92 R39D Breathtest Device

MD=0

WEE	WDE	WEL	WDL	NRS		
8942 67%	7146 76%	17913 70%	11121 75%	-	1.	Breathalyzer
-	-	-	-	2299 68.1%	2.	Intoxilyzer
-	-	-	-	202 6.0%	3.	Alco-Sensor

V92 R39D Breathtest Device
(Continued)

WEE	WDE	WEL	WDL	NRS		
839 6%	844 9%	1766 7%	1671 11%	873 25.9%	5.	Field Crimper
696 5%	886 9%	1064 4%	1189 8%	-	6.	GCI
2861 21%	577 6%	4839 19%	850 6%	-	8.	Smith & Wesson Collection Unit
1168	952	1641	1343	324	0.	Missing Data
13338	9453	25582	14831	3374		Total

V93 R39E Time of Breathtest

MD=0

WEE	WDE	WEL	WDL	NRS		
2243 15%	3004 29%	4174 15%	4306 27%	-	1.	Before interview
6638 46%	5147 49%	10492 38%	7679 47%	-	2.	Middle of interview
5625 39%	2254 22%	12557 46%	4189 26%	3698 100%	3.	End of interview
14506	10405	27223	16174	3698		Total

V94 R40 Heard of Term BAC

MD=0

WEE	WDE	WEL	WDL	NRS		
3539 72%	2515 71%	5824 70%	3746 72%	-	1.	Yes
1402 28%	1028 29%	2457 30%	1453 28%	-	2.	No

V94 R40 Heard of Term BAC (Continued)

WEE	WDE	WEL	WDL	NRS		
9565	6862	19942	10975	-	0.	Missing Data
4941	3543	8281	5199	-		Total

V95 R40A BAC Knowledge-3

MD=0

WEE	WDE	WEL	WDL	NRS		
1631 20%	506 9%	2561 19%	951 11%	-	1.	Completely correct
3887 48%	3461 59%	6357 47%	4949 55%	-	2.	(Partially) correct
1450 18%	1345 23%	2486 19%	1944 22%	-	3.	Incorrect
1191 15%	604 10%	2012 15%	1124 13%	-	4.	Inap., had not heard of BAC
6311	4489	13807	7206	-	0.	Missing Data
8195	5916	13416	8968	-		Total

V96 R40B BAC Knowledge-2

MD=0

WEE	WDE	WEL	WDL	NRS		
6148 64%	4152 65%	10997 63%	6425 63%	-	1.	Correct
1886 20%	1608 25%	3585 21%	2526 25%	-	2.	Incorrect
1603 17%	671 10%	2865 16%	1286 13%	-	3.	Inap., had not heard of BAC
4869	3974	9776	5937	-	0.	Missing Data

V96 R40B BAC Knowledge-2
(Continued)

WEE	WDE	WEL	WDL	NRS	
9637	6431	17447	10237	-	Total

V97 R41 State Presumptive Limit-7

MD=0

WEE	WDE	WEL	WDL	NRS		
249 3%	154 2%	472 3%	242 2%	-	1.	Any trace
1510 15%	957 14%	2942 17%	1637 15%	-	2.	.05
962 10%	560 8%	1717 10%	947 9%	-	3.	.08
2085 21%	1337 20%	3702 21%	2286 21%	-	4.	.10
435 4%	280 4%	882 5%	442 4%	-	5.	.12
566 6%	379 6%	1016 6%	596 6%	-	6.	.15
373 4%	172 3%	746 4%	294 3%	-	7.	.20 (or.18) or more
3608 37%	2820 42%	5969 34%	4361 40%	-	8.	DK
4718	3746	9777	5369	-	0.	Missing Data
9788	6659	17446	10805	-		Total

V98 R41A State Presumptive Limit-2

MD=0

WEE	WDE	WEL	WDL	NRS		
2381 21%	1596 19%	4476 22%	2626 20%	-	1.	Correct

V98 R41A State Presumptive Limit-2 (Continued)

WEE	WDE	WEL	WDL	NRS		
4714 42%	3612 42%	9087 44%	5639 43%	-	2.	Incorrect
4209 37%	3356 39%	7208 34%	4724 36%	-	3.	DK
3202	1841	6452	3185	-	0.	Missing Data
11304	8564	20771	12989	-		Total

V99 R41B How Many Drinks Illegal for R in 2 Hours

MD=0

WEE	WDE	WEL	WDL	NRS		
1036 10%	616 8%	1531 8%	773 7%	-	1.	One or less
1575 15%	1211 15%	2725 14%	1716 14%	-	2.	Two
1778 17%	1376 17%	3185 17%	1876 16%	-	3.	Three
1389 13%	993 13%	2555 13%	1560 13%	-	4.	Four
753 7%	465 6%	1633 8%	894 8%	-	5.	Five
813 8%	583 7%	1559 8%	915 8%	-	6.	Six
205 2%	144 2%	482 3%	240 2%	-	7.	Seven

V99 R41B How Many Drinks Illegal for R in 2 Hours (Continued)

WEE	WDE	WEL	WDL	NRS		
915 9%	641 8%	1903 10%	1118 9%	-	8.	Eight
2262 21%	1878 24%	3684 19%	2765 23%	-	9.	DK
3780	2498	7966	4317	-	0.	Missing Data
10726	7907	19257	11857	-		Total

V100 R41C No. of Drinks to .10 for R's Weight in 2 Hours

MD=0

WEE	WDE	WEL	WDL	NRS		
665 6%	607 7%	1120 6%	728 6%	-	3.	Three
3975 37%	2962 36%	7015 36%	4359 36%	-	4.	Four
2686 25%	2039 25%	5034 26%	3051 25%	-	5.	Five
2894 27%	2157 26%	4953 26%	3257 27%	-	6.	Six
662 6%	435 5%	1150 6%	727 6%	-	7.	Seven
3624	2205	7951	4052	-	0.	Missing Data
10882	8200	19272	12122	-		Total

V101 R41D Ratio of Estimated/Actual No. of Illegal Drinks

MD=0

WEE	WDE	WEL	WDL	NRS		
1850 22%	1262 21%	2943 19%	1736 19%	-	1.	.49 or less

V101 R41D Ratio of Estimated/Actual No. of Illegal Drinks (Continued)

WEE	WDE	WEL	WDL	NRS		
2768 33%	2144 36%	4909 32%	3007 33%	-	2.	.50-.79
660 8%	444 7%	1244 8%	720 8%	-	3.	.80-.95
1060 13%	760 13%	1954 13%	1193 13%	-	4.	.96-1.04
157 2%	81 1%	248 2%	127 1%	-	5.	1.05-1.19
1065 13%	746 12%	2223 15%	1240 14%	-	6.	1.20-1.50
773 9%	548 9%	1705 11%	972 11%	-	7.	1.51 or more
6173	4420	11997	7179	-	0.	Missing Data
8333	5985	15226	8995	-	Total	

V102 R41E Ratio-2 of Est./Actual No. of Illegal Drinks

MD=0

WEE	WDE	WEL	WDL	NRS		
1780 22%	1285 21%	3282 23%	2040 23%	-	1.	Correct (.80-1.19)
6157 78%	4700 79%	11289 77%	6955 77%	-	2.	Incorrect
6569	4420	12652	7179	-	0.	Missing Data
7937	5985	14571	8995	-	Total	

V103 R42 Aware Implied Consent Law

MD=0

WEE	WDE	WEL	WDL	NRS		
500 57%	180 44%	1185 60%	371 47%	-	1.	Yes
379 43%	227 56%	778 40%	416 53%	-	2.	No
13627	9998	25260	15387	-	0.	Missing Data
879	407	1963	787	-	Total	

V104 R43 DAD Violation Chances

MD=0

WEE	WDE	WEL	WDL	NRS		
96 35%	61 31%	250 37%	146 36%	-	1.	Very High
74 27%	70 35%	180 26%	121 30%	-	2.	High
64 23%	43 22%	140 21%	83 21%	-	3.	About Even
24 9%	14 7%	51 7%	28 7%	-	4.	Low
17 6%	7 4%	48 7%	23 6%	-	5.	Very Low
2 1%	3 2%	12 2%	1 0%	-	6.	DK
14229	10207	26542	15772	-	0.	Missing Data
277	198	681	402	-	Total	

V105 R43A DAD Stopped Chances

MD=0

WEE	WDE	WEL	WDL	NRS		
314 21%	230 17%	726 24%	532 23%	-	1.	Very High
448 30%	444 33%	789 27%	687 29%	-	2.	High
429 29%	373 27%	899 30%	647 27%	-	3.	About Even
170 11%	199 15%	307 10%	283 12%	-	4.	Low
111 7%	102 8%	218 7%	198 8%	-	5.	Very Low
10 1%	9 1%	25 1%	10 0%	-	6.	DK
13024	9048	24259	13817	-	0.	Missing Data
1482	1357	2964	2357	-	Total	

V106 R43B DAD Accident Chances

MD-0

WEE	WDE	WEL	WDL	NRS		
236 49%	95 36%	623 51%	335 49%	-	1.	Very High
89 19%	76 29%	196 16%	130 20%	-	2.	High
88 18%	50 19%	240 19%	131 19%	-	3.	About Even
38 8%	23 9%	82 7%	34 5%	-	4.	Low

V106 R43B DAD Accident Chances (Continued)

WEE	WDE	WEL	WDL	NRS		
24 5%	13 5%	73 6%	38 6%	-	5.	Very Low
5 1%	6 2%	17 1%	8 1%	-	6.	DK
14026	10142	25992	15489	-	0.	Missing Data
480	263	1231	685	-	Total	

V107 R43C DAD Fatal Chances

MD=0

WEE	WDE	WEL	WDL	NRS		
48 18%	40 20%	151 23%	80 20%	-	1.	Very High
81 30%	60 31%	190 28%	130 32%	-	2.	High
67 25%	38 19%	150 22%	102 25%	-	3.	About Even
44 16%	31 16%	98 15%	41 10%	-	4.	Low
23 8%	20 10%	65 10%	42 10%	-	5.	Very Low
9 3%	7 4%	16 2%	6 1%	-	6.	DK
14234	10209	26553	15773	-	0.	Missing Data
272	196	670	401	-	Total	

V108 R44 Heard of Survey

MD=0

WEE	WDE	WEL	WDL	NRS		
549	573	972	900	320	1.	Yes
32%	42%	31%	38%	9.8%		
1140	795	2146	1457	2962	2.	No
67%	58%	69%	62%	90.2%		
5	1	-	3	-	3.	DK
0%	0%		0%			
12812	9036	24105	13814	416	0.	Missing Data
1694	1369	3118	2360	3282		Total

V109 R45 Heard of Local ASAP Program

MD=0

WEE	WDE	WEL	WDL	NRS		
4036	1888	7364	3231	-	1.	Yes
57%	56%	56%	56%			
3021	1460	5695	2529	-	2.	No
43%	44%	44%	44%			
9	4	3	7	-	3.	DK
0%	0%	0%	0%			
7440	7053	14161	10407	-	0.	Missing Data
7066	3352	13062	5767	-		Total

V110 R45A Heard from Person

MD=0

WEE	WDE	WEL	WDL	NRS		
127	12	201	13	-	1.	Yes
6%	4%	6%	3%			

V110 R45A Heard from Person (Continued)

WEE	WDE	WEL	WDL	NRS		
1193 54%	179 52%	1858 52%	280 58%	-	2.	No
905 41%	151 44%	1518 42%	191 39%	-	3.	Inap., had not heard of local program
12281	10063	23646	15690	-	0.	Missing Data
2225	342	3577	484	-		Total

V111 R45B Heard on Radio

MD=0

WEE	WDE	WEL	WDL	NRS		
205 9%	43 13%	309 9%	98 20%	-	1.	Yes
1115 50%	148 43%	1750 49%	195 40%	-	2.	No
905 41%	151 44%	1518 42%	191 39%	-	3.	Inap., had not heard of local program
12281	10063	23646	15690	-	0.	Missing Data
2225	342	3577	484	-		Total

V112 R45C Heard on TV

MD=0

WEE	WDE	WEL	WDL	NRS		
499 22%	66 19%	761 21%	79 16%	-	1.	Yes
821 37%	125 37%	1298 36%	214 44%	-	2.	No
905 41%	151 44%	1518 42%	191 39%	-	3.	Inap., had not heard of local program

V112 R45C Heard on TV
(Continued)

WEE	WDE	WEL	WDL	NRS		
12281	10063	23646	15690	-	0.	Missing Data
2225	342	3577	484	-	Total	

V113 R45D Heard in Magazine

MD=0

WEE	WDE	WEL	WDL	NRS		
33 2%	3 3%	46 2%	4 5%	-	1.	Yes
948 61%	34 40%	1219 62%	34 40%		2.	No
572 37%	49 57%	708 36%	47 55%	-	3.	Inap., had not heard of local program.
12953	10319	25250	16089	-	0.	Missing Data
1553	86	1973	85	-	Total	

V114 R45E Heard in Newspaper

MD=0

WEE	WDE	WEL	WDL	NRS		
287 13%	47 14%	400 11%	63 13%	-	1.	Yes
1033 46%	144 42%	1659 46%	230 48%	-	2.	No
905 41%	151 44%	1518 42%	191 39%	-	3.	Inap., had not heard of local program
12281	10063	23640	15690	-	0.	Missing Data
2225	342	3577	484	-	Total	

V115 R45F Heard on Billboard

MD=0

WEE	WDE	WEL	WDL	NRS		
4 0%	-	1 0%	-	-	1.	Yes
977 63%	37 43%	1264 64%	38 45%	-	2.	No
572 37%	49 57%	708 36%	47 55%	-	3.	Inap., had not heard of local program
12953	10319	25250	16089	-	0.	Missing Data
1553	86	1973	85	-		Total

V116 R45G Heard in Pamphlet

MD=0

WEE	WDE	WEL	WDL	NRS		
11 1%	1 1%	22 1%	1 1%	-	1.	Yes
1144 58%	36 42%	1789 56%	37 44%	-	2.	No
806 41%	49 57%	1366 43%	47 55%	-	3.	Inap., had not heard of local program
12545	10319	24046	16089	-	0.	Missing Data
1961	86	3177	85	-		Total

V117 R45H Heard on Posters

MD=0

WEE	WDE	WEL	WDL	NRS		
-	-	8 0%	-	-	1.	Yes
981 63%	37 43%	1257 64%	38 45%	-	2.	No

V117 R45H Heard on Posters
(Continued)

WEE	WDE	WEL	WDL	NRS		
572 37%	49 57%	708 36%	47 55%	-	3.	Inap., had not heard of local program
12953	10319	25250	16089	-	0.	Missing Data
1553	86	1973	85	-		Total

V118 R45J Heard Other Source

MD=0

WEE	WDE	WEL	WDL	NRS		
154 7%	19 6%	311 9%	35 7%	-	1.	Yes
1166 52%	172 50%	1748 49%	258 53%	-	2.	No
905 41%	151 44%	1518 42%	191 39%	-	3.	Inap., had not heard of local program
12281	10063	23646	15690	-	0.	Missing Data
2225	342	3577	484	-		Total

V119 R46 DAD Info on Radio

MD=0

WEE	WDE	WEL	WDL	NRS		
238 58%	140 46%	520 60%	302 48%	-	1.	Yes
175 42%	164 54%	352 40%	328 52%	-	2.	No
14093	10101	26351	15544	-	0.	Missing Data
413	304	872	630	-		Total

V120 R46A DAD Info on TV

MD=0

WEE	WDE	WEL	WDL	NRS		
671 87%	299 74%	1107 85%	539 74%	-	1.	Yes
102 13%	107 26%	195 15%	190 26%	-	2.	No
13733	9999	25921	15445	-	0.	Missing Data
773	406	1302	729	-	Total	

V121 R26B Residence-3 (Radius)

MD=0

WEE	WDE	WEL	WDL	NRS		
7046 77%	5284 83%	12536 78%	7590 83%	-	1.	In ASAP area or other parts of ASAP SMSA
1676 18%	879 14%	2832 18%	1192 13%	-	2.	In county adjacent to ASAP metro area
381 4%	228 4%	642 4%	383 4%	-	3.	Elsewhere
5403	4014	11213	7009	-	0.	Missing Data
9103	6391	16010	9165	-	Total	

V122 R8B Time Period-3

MD=0

14506 100%	10405 100%	0	-		1. Before 10 p.m.
-	-	11894 43%	7753 48%	1858 50.2%	2. 10 p.m. - midnight
-	-	15329 57%	8421 52%	1840 49.7%	3. After midnight
					0. No time coded/NA/M.D.
14506	10405	27223	16174	3698	Total

APPENDIX D

DATA STORAGE

The data from the Roadside Survey Archive are stored on magnetic tape. The tape is in the form of a standard OSIRIS data set, and consists of two logical files, a dictionary file (RSADICT), and a data file (RSADATA). The dictionary file contains all of the information needed to decode the data file, including label, column, and missing data designators. The data file consists of the individual data records, with a blocking factor of fifty records per block. There is no logical or physical separator between data from different surveys. If the end user of the RSA data maintains an OSIRIS system at his installation, the data can be accessed directly. If he does not, access is slightly more difficult.

The data file can be accessed independently and directly. The user will have to do his own filtering (if desired) and formatting for input.

The tape specifications are: 1600 BPI, 9-track, EBCDIC, IBM standard labelled. The volume (serial) number of the tape is RSA1; the files are, as above, RSADICT, and RSADATA. RSADICT is fixed blocked with 45 records per block, and a logical record length of 80. RSADATA is blocked with fifty records per block, each with a length of 143 [FB(7150,143)]. The FORTRAN format of the data is available using the "tape location" column of this Appendix as column code information.

VARIABLE TAPE LOCATIONS

Variable Number	TL (Column No.)	Variable Number	TL
1	1-3	33	50
2	4-5	34	51
3	6	35	52
4	7	36	53
5	8	37	54
6	9	38	55
7	10-13	39	56
8	14	40	57-58
9	15	41	59
10	16-19	42	60
11	20-21	43	61
12	22-23	44	62
13	24-25	45	63
14	26-27	46	64
15	28	47	65
16	29	48	66
17	30	49	67
18	31-34	50	68
19	35	51	69
20	36	52	70
21	37	53	71
22	38-39	54	72
23	40	55	73
24	41	56	74
25	42	57	75
26	43	58	76
27	44	59	77
28	45	60	78
29	46	61	79
30	47	62	80
31	48	63	81
32	49	64	82

VARIABLE TAPE LOCATIONS

Variable Number	TL (Column No.)	Variable Number	TL
65	83	94	115
66	84	95	116
67	85	96	117
68	86	97	118
69	87	98	119
70	88	99	120
71	89	100	121
72	90	101	122
73	91	102	123
74	92	103	124
75	93	104	125
76	94-95	105	126
77	96	106	127
78	97	107	128
79	98	108	129
80	99-100	109	130
81	101	110	131
82	102	111	132
83	103	112	133
84	104	113	134
85	105	114	135
86	106	115	136
87	107	116	137
88	108-109	117	138
89	110	118	139
90	111	119	140
91	112	120	141
92	113	121	142
93	114	122	143

APPENDIX E

ROADSIDE ARCHIVE MASTER CODEBOOK ANNOTATIONS

RSA MASTER CODEBOOK
ANNOTATION

(If a variable is not mentioned below, it was transferred directly from the ASAP Survey into our master format)

V1. V1 was obtained by taking the state of survey value (from V2) and adding a third digit to indicate sequence of survey. Where data were unavailable for one of an ASAPs surveys, a gap was left in the sequence. (e.g., New Mexico, state code 66, did not provide data from their second survey. Hence the sequence for V1 is: 661, 663, 664).

V5. Obtained from survey reports and similar documentation.

V7. When a survey used a unique number for each site, this number was coded as V7. Otherwise, such a number was constructed from location, time, day, date, and similar information.

V11. If not explicitly given, it was obtained by counting the number of cases for each level of V7 for each survey.

V12. Number of cars stopped per hour divided into site traffic count; then rounded to the nearest whole number: V12=V10/V11.

V16. Weekday = Sunday through Thursday
Weekend = Friday and Saturday
These are generally assumed to be the night on which the survey began. If a survey began at 2200 Saturday and ran until 0300 Sunday, it is considered to be Saturday, for its entire duration, and, hence, weekend.

V21. All surveys used random selection. This was discovered after the form of the codebook was set.

V22. Sequential number. Used only if given, never computed or assumed.

V26. If the survey coded age of vehicle as "new," "recent," or "old," then these were used corresponding to levels 1, 2, and 3, respectively.

V27. Similarly, depending on the survey's coding scheme, the best condition was given value 1, the poorest 3, other(s) 2.

V28. If this datum was coded twice, the more reliable response was chosen.

V29. If a distinction was made between lap belt and shoulder harness plus lap belt, code values 1, 2, 4, and 5 were used. If the distinction was not made, values 3, 4, and 5 were used.

V32. Based upon the presence of answers to V63 and V88, if not given explicitly.

V33, V34. Interviewer's estimate.

V41-V43. If age was given in years, it was recoded to yield responses to these variables also.

V53. Strict interpretation of ASAP area.

V54. Only coded for residents as defined in V53.

V88. BAC expressed in gm/100ml; if three digits were given, the result was rounded down to nearest .01gm.

V100. Based on respondent's body weight.

V101. V101=V99/V100, then coded into the categories given.

V121. A looser interpretation of residence, perhaps more accurate in terms of trading areas, news and other media coverage, etc.

V122. When time was given explicitly, the codes were determined from these data. In other surveys, the only time information available was: early, late, and very late. The levels 1-3, respectively, correspond to these responses.