Data Dictionary

Marijuana, Other Drugs, and Alcohol Use by Drivers in Washington State

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Table of Contents

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Data dictionary organization
The data dictionary is divided into nine sets of variables:
1) Variables that provide information about the sample sites and/or general data about information provided
2) Variables that provide information on oral fluid lab results taken from participants
3) Variables that provide information on blood lab results taken from participants
4) Variables that provide information on participants
5) Variables from the NRS Verbal Survey
6) Variables from the Drug Use questionnaire
7) Variables from the DAST questionnaire
8) Variables from the Prescription Drug questionnaire
9) Variables used to sort data. NOTE: Drug category and class tables in the final report were generated using sorting variables.

Binomial values
The convention used for variable values that relate to Yes/No; Present/Absent is 1=Yes/Present and 0=No/Absent. Missing data or 'Did not respond/Refused to answer' is given by '99' or '999' or '. ' or ' '.

List of Variables
This section includes a list of all variables "WaveALLfinal 16-07-01" dataset. Each variable has the 'Variable Name,' 'Type,' and 'Label or description of the variable.' *Variable Name* refers to the name by which each variable appears in the dataset itself. *Type* refers to the format of the data (i.e., **Num**erical, **Char**acter, or Date). *Label or description of variable* provides a brief description on what kind of data is contained in that variable.

Also included in this dataset is the 'case_weight2' variable. The 'case_weight2' variable can be used to standardize frequencies and proportions to the general Washington State population. The methodology for the weighting procedure is found in the 2016 Marijuana, Other Drugs, and Alcohol Use by Drivers report by Ramirez et al.

1. Sampling variables				
	Variable Name	Type	Label	Values
	DIN	Char	Driver Identification Number	Numeric value
	DC	Num	Data collector Number	Numeric value
	Location2	Char	Location of sampling protocol	WA1 = Spokane, WA2 = Yakima, WA3 = Snohomish, WA4 = Seattle, WA5 = Whatcom, WA6 = Kitsap
	Location3	Num	Location of sampling protocol (numeric)	1 = Spokane, 2 = Yakima, 3 = Snohomish, 4 = Seattle, 5 = Whatcom, 6 = Kitsap
	session_id	Num	session	1 = Friday day, 2 = Friday early night, 3 = Friday late night, 4 = Saturday early night, 5 = Saturday late night
	Driver2	Num	Number of driver in the sampling bay	Numeric value
	Wave2	Num	Wave	1 = Wave1, 2 =Wave2, 3 = Wave3
	nighttime	Num	day or nighttime sample	0 = daytime, 1 = nighttime

	wavesession	Num	wave and session of sample	1 = Wave1 session1, 2 = Wave1 session2, 3 = Wave 1 session 3, 4= Wave 1 session 4, 5 = Wave1 session5, 6 = Wave2 session1, 7 = Wave2 session2, 8 = Wave 2 session 3, 9= Wave 2 session 4, 10 = Wave2 session5, 11 = Wave3 session1, 12 = Wave3 session2, 13 = Wave 3 session 3, 14= Wave 3 session 4, 15 = Wave3 session5
	Waveselect2	Num	Waves 1 and 2 only	1 = Wave 1, 2 = Wave2
	Waveselect3	Num	Waves 1 and 3 only	1 = Wave 1, 2 = Wave 3
	case_weights2	Num	Case weights used for standardizing data	Numeric value
	Eligible2	Num	Driver is eligible for analysis	1 = Eligible
	PBT3	Num	Breath test provided	0 = Refused breathtest, 1 = Breathtest provided
	Front Passenger16	Char	Passenger present	"Yes," "No Front"
	PassengerConsent	Char	Passenger provided consent	"Yes," "No"
	verbal1	Num	Participant completed verbal interview	0 = Did not complete survey, 1 = completed survey
	DASTQ	Num	Participant completed DAST	0 = Did not complete survey, 1 = completed survey
	drugQ	Num	Participant completed drug questionnaire	0 = Did not complete survey, 1 = completed survey
	prescriptionQ	Num	Participant completed prescription questionnaire	0 = Did not complete survey, 1 = completed survey
	OF4	Num	Participant provided oral fluid sample	0 = Refused OF, 1 = provided OF
	Blood5	Num	Participant provided blood sample	0 = Refused blood sample, 1 = provided blood sample
	test	Num	Participant provided blood and/or OF	0 = participant provided neither, 1 = participant provided blood OR oral fluid, 2 = participant provided blood AND oral fluid
	Week2	Num	Week of sampling	
	pbt_provided	Num	Participant provided breath sample	0 = PBT not provided, 1 = PBT provided
	BAC2	Num	BAC value	Numeric value
	Date	Date	Date of survey	Numeric value
	THC2	Num	Participant provided THC reading	0 = refused THC reading, 1 = provided THC reading

2.	Oral fluid variables			
	THC_of1	Num	THC level in participants oral fluid	Numeric value
	THC_COOH	Num	THC_COOH level in participants oral fluid	Numeric value
	v11_OH_THC	Num	v11_OH_THC level in participants oral fluid	Numeric value
	THC_COOH_of1	Num	THC_COOH level in participants oral fluid	Numeric value
	v11_OH_THC_of1	Num	v11_OH_THC level in participants oral fluid	Numeric value

	JWH_018	Num	JWH_018 level in participants oral fluid	Numeric value
	JWH_022	Num	JWH_022 level in participants oral fluid	Numeric value
	JWH_073	Num	JWH_073 level in participants oral fluid	Numeric value
	JWH_200	Num	JWH_200 level in participants oral fluid	Numeric value
	JWH_250	Num	JWH_250 level in participants oral fluid	Numeric value
	AM2201	Num	AM2201 level in participants oral fluid	Numeric value
	AM1220	Num	AM1220 level in participants oral fluid	Numeric value
	AM2232	Num	AM2232 level in participants oral fluid	Numeric value
	CP47497	Num	CP47497 level in participants oral fluid	Numeric value
	CP47497_C8	Num	CP47497_C8 level in participants oral fluid	Numeric value
	HU_210	Num	HU_210 level in participants oral fluid	Numeric value
	XLR_11	Num	XLR_11 level in participants oral fluid	Numeric value
	UR_144	Num	UR_144 level in participants oral fluid	Numeric value
	Cocaine_R	Num	Cocaine_R level in participants oral fluid	Numeric value
	BZE	Num	BZE level in participants oral fluid	Numeric value
	Cocaethylene	Num	Cocaethylene level in participants oral fluid	Numeric value
	Norcocaine	Num	Norcocaine level in participants oral fluid	Numeric value
	AMP	Num	AMP level in participants oral fluid	Numeric value
	METH_R	Num	METH_R level in participants oral fluid	Numeric value
	MDMA	Num	MDMA level in participants oral fluid	Numeric value
	MDA	Num	MDA level in participants oral fluid	Numeric value
	MDEA	Num	MDEA level in participants oral fluid	Numeric value
	Phentermine	Num	Phentermine level in participants oral fluid	Numeric value
	Methylphenidate	Num	Methylphenidate level in participants oral fluid	Numeric value
	Diazepam	Num	Diazepam level in participants oral fluid	Numeric value
	Nordiazepam	Num	Nordiazepam level in participants oral fluid	Numeric value
	Oxazepam	Num	Oxazepam level in participants oral fluid	Numeric value
	Temazepam	Num	Temazepam level in participants oral fluid	Numeric value
	Clonazepam	Num	Clonazepam level in	Numeric value

			participants oral fluid	
	Alprazolam	Num	Alprazolam level in participants oral fluid	Numeric value
	Lorazepam	Num	Lorazepam level in participants oral fluid	Numeric value
	Triazolam	Num	Triazolam level in participants oral fluid	Numeric value
	Chlordiazepoxide	Num	Chlordiazepoxide level in participants oral fluid	Numeric value
	Nitrazepam	Num	Nitrazepam level in participants oral fluid	Numeric value
	Estazolam	Num	Estazolam level in participants oral fluid	Numeric value
	Flurazepam	Num	Flurazepam level in participants oral fluid	Numeric value
	Flunitrazepam	Num	Flunitrazepam level in participants oral fluid	Numeric value
	Midazolam	Num	Midazolam level in participants oral fluid	Numeric value
	Phenazepam	Num	Phenazepam level in participants oral fluid	Numeric value
	Bromazepam	Num	Bromazepam level in participants oral fluid	Numeric value
	Butalbital	Num	Butalbital level in participants oral fluid	Numeric value
	Secobarbital	Num	Secobarbital level in participants oral fluid	Numeric value
	Pentobarbital	Num	Pentobarbital level in participants oral fluid	Numeric value
	Phenobarbital	Num	Phenobarbital level in participants oral fluid	Numeric value
	Zolpidem	Num	Zolpidem level in participants oral fluid	Numeric value
	Morphine	Num	Morphine level in participants oral fluid	Numeric value
	Codeine	Num	Codeine level in participants oral fluid	Numeric value
	v6_AM	Num	v6_AM level in participants oral fluid	Numeric value
	Hydrocodone	Num	Hydrocodone level in participants oral fluid	Numeric value
	Hydromorphone	Num	Hydromorphone level in participants oral fluid	Numeric value
	Oxycodone	Num	Oxycodone level in participants oral fluid	Numeric value
	Oxymorphone	Num	Oxymorphone level in participants oral fluid	Numeric value
	Methadone	Num	Methadone level in participants oral fluid	Numeric value
	EDDP	Num	EDDP level in participants oral fluid	Numeric value
	Buprenorphine	Num	Buprenorphine level in participants oral fluid	Numeric value
	Norbuprenorphine	Num	Norbuprenorphine level in participants oral fluid	Numeric value
	Fentanyl	Num	Fentanyl level in participants oral fluid	Numeric value

	Norfentanyl	Num	Norfentanyl level in participants oral fluid	Numeric value
	Carisoprodol	Num	Carisoprodol level in participants oral fluid	Numeric value
	Meprobamate	Num	Meprobamate level in participants oral fluid	Numeric value
	Tramadol	Num	Tramadol level in participants oral fluid	Numeric value
	Desmethyltramadol	Num	Desmethyltramadol level in participants oral fluid	Numeric value
	Propoxyphene	Num	Propoxyphene level in participants oral fluid	Numeric value
	Norpropoxyphene	Num	Norpropoxyphene level in participants oral fluid	Numeric value
	Meperidine	Num	Meperidine level in participants oral fluid	Numeric value
	Normeperidine	Num	Normeperidine level in participants oral fluid	Numeric value
	Naltrexone	Num	Naltrexone level in participants oral fluid	Numeric value
	Sertraline	Num	Sertraline level in participants oral fluid	Numeric value
	Fluoxetine	Num	Fluoxetine level in participants oral fluid	Numeric value
	Amitriptyline	Num	Amitriptyline level in participants oral fluid	Numeric value
	Nortriptyline	Num	Nortriptyline level in participants oral fluid	Numeric value
	Protriptyline	Num	Protriptyline level in participants oral fluid	Numeric value
	Trimipramine	Num	Trimipramine level in participants oral fluid	Numeric value
	Imipramine	Num	Imipramine level in participants oral fluid	Numeric value
	Desipramine	Num	Desipramine level in participants oral fluid	Numeric value
	Chlorpromazine	Num	Chlorpromazine level in participants oral fluid	Numeric value
	Citalopram	Num	Citalopram level in participants oral fluid	Numeric value
	Cyclobenzaprine	Num	Cyclobenzaprine level in participants oral fluid	Numeric value
	Paroxetine	Num	Paroxetine level in participants oral fluid	Numeric value
	Dothiepin	Num	Dothiepin level in participants oral fluid	Numeric value
	Doxepin	Num	Doxepin level in participants oral fluid	Numeric value
	Desmethyldoxepin	Num	Desmethyldoxepin level in participants oral fluid	Numeric value
	Venlafaxine	Num	Venlafaxine level in participants oral fluid	Numeric value
	Amoxapine	Num	Amoxapine level in participants oral fluid	Numeric value
	Trazodone	Num	Trazodone level in participants oral fluid	Numeric value
	Mirtazepine	Num	Mirtazepine level in	Numeric value

			participants oral fluid	
	Mianserine	Num	Mianserine level in participants oral fluid	Numeric value
	Dextromethorphan	Num	Dextromethorphan level in participants oral fluid	Numeric value
	Dextrorphan	Num	Dextrorphan level in participants oral fluid	Numeric value
	Diphenhydramine	Num	Diphenhydramine level in participants oral fluid	Numeric value
	Chlorpheniramine	Num	Chlorpheniramine level in participants oral fluid	Numeric value
	Doxylamine	Num	Doxylamine level in participants oral fluid	Numeric value
	PCP_R	Num	PCP_R level in participants oral fluid	Numeric value
	Ketamine_R	Num	Ketamine_R level in participants oral fluid	Numeric value
	Norketamine	Num	Norketamine level in participants oral fluid	Numeric value
	Cotinine	Num	Cotinine level in participants oral fluid	Numeric value

3. Blood sample variables				
	THC_bld1	Num	THC level in participants blood	Numeric value
	THC_COOH_bld1	Num	THC_COOH level in participants blood	Numeric value
	v11_OH_THC_bld1	Num	v11_OH_THC level in participants blood	Numeric value
	CBN_bld	Num	THC_COOH level in participants blood	Numeric value
	CBD_bld	Num	v11_OH_THC level in participants blood	Numeric value
	JWH_018_bld	Num	JWH_018 level in participants blood	Numeric value
	JWH_022_bld	Num	JWH_022 level in participants blood	Numeric value
	JWH_073_bld	Num	JWH_073 level in participants blood	Numeric value
	JWH_200_bld	Num	JWH_200 level in participants blood	Numeric value
	JWH_250_bld	Num	JWH_250 level in participants blood	Numeric value
	AM2201_bld	Num	AM2201 level in participants blood	Numeric value
	AM1220_bld	Num	AM1220 level in participants blood	Numeric value
	AM2232_bld	Num	AM2232 level in participants blood	Numeric value
	CP47497_bld	Num	CP47497 level in participants blood	Numeric value
	CP47497_C8_bld	Num	CP47497_C8 level in participants blood	Numeric value
	HU_210_bld	Num	HU_210 level in participants blood	Numeric value
	XLR_11_bld	Num	XLR_11 level in participants	Numeric value

			blood	
	UR_144_bld	Num	UR_144 level in participants blood	Numeric value
	Cocaine_bld	Num	Cocaine_R level in participants blood	Numeric value
	BZE_bld	Num	BZE level in participants blood	Numeric value
	Cocaethylene_bld	Num	Cocaethylene level in participants blood	Numeric value
	Norcocaine_bld	Num	Norcocaine level in participants blood	Numeric value
	AMP_bld	Num	AMP level in participants blood	Numeric value
	METH_bld	Num	METH_R level in participants blood	Numeric value
	MDMA_bld	Num	MDMA level in participants blood	Numeric value
	MDA_bld	Num	MDA level in participants blood	Numeric value
	MDEA_bld	Num	MDEA level in participants blood	Numeric value
	Phentermine_bld	Num	Phentermine level in participants blood	Numeric value
	Methylphenidate_bld	Num	Methylphenidate level in participants blood	Numeric value
	Diazepam_bld	Num	Diazepam level in participants blood	Numeric value
	Nordiazepam_bld	Num	Nordiazepam level in participants blood	Numeric value
	Oxazepam_bld	Num	Oxazepam level in participants blood	Numeric value
	Temazepam_bld	Num	Temazepam level in participants blood	Numeric value
	Clonazepam_bld	Num	Clonazepam level in participants blood	Numeric value
	Alprazolam_bld	Num	Alprazolam level in participants blood	Numeric value
	Lorazepam_bld	Num	Lorazepam level in participants blood	Numeric value
	Triazolam_bld	Num	Triazolam level in participants blood	Numeric value
	Chlordiazepoxide_bld	Num	Chlordiazepoxide level in participants blood	Numeric value
	Nitrazepam_bld	Num	Nitrazepam level in participants blood	Numeric value
	Estazolam_bld	Num	Estazolam level in participants blood	Numeric value
	Flurazepam_bld	Num	Flurazepam level in participants blood	Numeric value
	Flunitrazepam_bld	Num	Flunitrazepam level in participants blood	Numeric value
	Midazolam_bld	Num	Midazolam level in participants blood	Numeric value
	Phenazepam_bld	Num	Phenazepam level in participants blood	Numeric value
	Bromazepam_bld	Num	Bromazepam level in participants blood	Numeric value

	Butalbital_bld	Num	Butalbital level in participants blood	Numeric value
	Secobarbital_bld	Num	Secobarbital level in participants blood	Numeric value
	Pentobarbital_bld	Num	Pentobarbital level in participants blood	Numeric value
	Phenobarbital_bld	Num	Phenobarbital level in participants blood	Numeric value
	Zolpidem_bld	Num	Zolpidem level in participants blood	Numeric value
	Morphine_bld	Num	Morphine level in participants blood	Numeric value
	Codeine_bld	Num	Codeine level in participants blood	Numeric value
	v6_AM_bld	Num	v6_AM level in participants blood	Numeric value
	Hydrocodone_bld	Num	Hydrocodone level in participants blood	Numeric value
	Hydromorphone_bld	Num	Hydromorphone level in participants blood	Numeric value
	Oxycodone_bld	Num	Oxycodone level in participants blood	Numeric value
	Oxymorphone_bld	Num	Oxymorphone level in participants blood	Numeric value
	Methadone_bld	Num	Methadone level in participants blood	Numeric value
	EDDP_bld	Num	EDDP level in participants blood	Numeric value
	Buprenorphine_bld	Num	Buprenorphine level in participants blood	Numeric value
	Norbuprenorphine_bld	Num	Norbuprenorphine level in participants blood	Numeric value
	Fentanyl_bld	Num	Fentanyl level in participants blood	Numeric value
	Norfentanyl_bld	Num	Norfentanyl level in participants blood	Numeric value
	Carisoprodol_bld	Num	Carisoprodol level in participants blood	Numeric value
	Meprobamate_bld	Num	Meprobamate level in participants blood	Numeric value
	Tramadol_bld	Num	Tramadol level in participants blood	Numeric value
	Desmethyltramadol_bld	Num	Desmethyltramadol level in participants blood	Numeric value
	Propoxyphene_bld	Num	Propoxyphene level in participants blood	Numeric value
	Norpropoxyphene_bld	Num	Norpropoxyphene level in participants blood	Numeric value
	Meperidine_bld	Num	Meperidine level in participants blood	Numeric value
	Normeperidine_bld	Num	Normeperidine level in participants blood	Numeric value
	Naltrexone_bld	Num	Naltrexone level in participants blood	Numeric value
	Sertraline_bld	Num	Sertraline level in participants blood	Numeric value
	Fluoxetine_bld	Num	Fluoxetine level in	Numeric value

			participants blood	
	Amitriptyline_bld	Num	Amitriptyline level in participants blood	Numeric value
	Nortriptyline_bld	Num	Nortriptyline level in participants blood	Numeric value
	Protriptyline_bld	Num	Protriptyline level in participants blood	Numeric value
	Trimipramine_bld	Num	Trimipramine level in participants blood	Numeric value
	Imipramine_bld	Num	Imipramine level in participants blood	Numeric value
	Desipramine_bld	Num	Desipramine level in participants blood	Numeric value
	Chlorpromazine_bld	Num	Chlorpromazine level in participants blood	Numeric value
	Citalopram_bld	Num	Citalopram level in participants blood	Numeric value
	Cyclobenzaprine_bld	Num	Cyclobenzaprine level in participants blood	Numeric value
	Paroxetine_bld	Num	Paroxetine level in participants blood	Numeric value
	Dothiepin_bld	Num	Dothiepin level in participants blood	Numeric value
	Doxepin_bld	Num	Doxepin level in participants blood	Numeric value
	Desmethyldoxepin_bld	Num	Desmethyldoxepin level in participants blood	Numeric value
	Venlafaxine_bld	Num	Venlafaxine level in participants blood	Numeric value
	Amoxapine_bld	Num	Amoxapine level in participants blood	Numeric value
	Trazodone_bld	Num	Trazodone level in participants blood	Numeric value
	Mirtazepine_bld	Num	Mirtazepine level in participants blood	Numeric value
	Mianserine_bld	Num	Mianserine level in participants blood	Numeric value
	Dextromethorphan_bld	Num	Dextromethorphan level in participants blood	Numeric value
	Dextrorphan_bld	Num	Dextrorphan level in participants blood	Numeric value
	Diphenhydramine_bld	Num	Diphenhydramine level in participants blood	Numeric value
	Chlorpheniramine_bld	Num	Chlorpheniramine level in participants blood	Numeric value
	Doxylamine_bld	Num	Doxylamine level in participants blood	Numeric value
	PCP_bld	Num	PCP_R level in participants blood	Numeric value
	Ketamine_bld	Num	Ketamine_R level in participants blood	Numeric value
	Norketamine_bld	Num	Norketamine level in participants blood	Numeric value
	Cotinine__bld	Num	Cotinine level in participants blood	Numeric value

4. **Participant variables**

	age_obs	Char	Age as observed by study personnel	"16-20," "21-34," "35-50," "51-64," "65+," Unknown = "99"
	race_obs	Char	Race as observed by study personnel	"Asian," "Black/African American," "Native American/Alaskan," Native Hawaiian/other Pacific Islander," "Other," "Unknown," "White"
	hispanic_obs	Char	Ethnicity as observed by study personnel	"Yes," "No"
	Consent	Char	Consent given	"Yes," "No"
	PBTOnly consent	Char	Gave consent only for PBT	"Yes," "No"
	PreviousKnowledge	Char	Did participant have previous knowledge of the study	"Yes," "No"
	SoughtOutSurvey	Char	Did participant seek out survey	"Did not seek survey," "Sought out survey"
	nrs_Time_Stamp	Date	Date survey completed	Numeric value
	Gender	Num	Sex of driver	0 = Female, 1 = Male
	race_obs2	Num	Observed race of driver	0 = Asian, 1 = Black/African American, 2 = More than 1 race, 3 = Native American, 4 = Native Hawaiian, Pacific Islander, 5 = Other, 6 = Unknown, 7 = White/ EuroAmerican
	hispanic1	Num	Dirver identify as hispanic/latino	0 = Non-hispanic/latino, 1 = Hispanic/latino
	age_obs	Num	Age of driver	0 = 16-20, 1 = 21-34, 2 = 45-64, 3 = 45-64, 4 = 65+

5. NRS Verbal Survey (See Appendix A)				
	YearlyMiles	Char	The average driver drives about 15,000 miles a year. How much does the driver report?	"Less than average," "Average," "More than average," "Did not answer"
	DayTimePct	Char	What percentage of drive time occurred during the day	"0-20%," "21-40%" "41-60%" "61-80% "81-100%"
	FromWhere	Char	From where is the participant coming	"Bar, tavern, club" "Hotel/motel" "Own home" "Restaurant/eating place" "School/church" "Someone else's home" "Sport or rec facility/park" "Store or gas station" "Work" "Other"
	ToWhere	Char	To where is the participant going	"Bar, tavern, club" "Hotel/motel" "Own home" "Restaurant/eating place" "School/church" "Someone else's home" "Sport or rec facility/park" "Store or gas station" "Work" "Other"
	MilesTraveling	Char	Miles between those two places	"0-5" "6-10" 11-20" "More than 20" "Did not answer"
	MilesToday	Char	How many miles has the participant driven today	"0-5" "6-10" 11-20" "More than 20" "Did not answer"
	PAS2	Char	Passive sensor reading 2	Green 1, Green 2, Green 3, Yellow 1, Yellow 2, Yellow 3, Yellow 4, Red 1, Red 2, Red 3, Not used
	IntoxicationLevel	Char	Level of intoxication according to PAS2 reading	"Level 1: No signs of alcohol or drugs," "Level 2: Signs of use but not intoxicated," "Level 3: Signs of use and

				INTOXICATED"
	AlcoholTimesPastYear	Char	How many times did the participant report drinking alcohol in the past year	"None in the past year" "Monthly or less" "2-4 times/ months" "2-3 times/ week" "4 or more times/ week" "Did not answer"
	DrinkAlcohol	Char	Does the participant report drinking alcohol	"No, total abstainer" "Yes, sometimes/ occasionally" "Did not answer"
	DrinkLevel	Char	What kind of drinker would the participant describe themselves as	"A very light drinker" "A fairly light drinker" " A moderate drinker" "A fairly heavy drinker" "A very heavy drinker"
	WeeklyAlcohol	Char	On average, how many drinks does the driver report per week	"0" "1-2" "3-4" "5-7" "8-14" "More than 14" "Did not answer"
	AlcoholToday	Char	How many drinks does the driver report today	"Yes" "No"
	TimeSinceLastDrinkHours	Char	If reporting drinking alcohol today, how long has it been since the driver has last had a drink	Numeric value
	TimeSinceLastDrinkMinutes	Char	If reporting drinking alcohol today, how long has it been since the driver has last had a drink	Numeric value
	WhatKindofDrink	Char	What kind of drink did the driver consume	1 = Beer, 2 = Wine, 3 = Liquor, 4 = Other (Malt/Wine coolers, etc), 5 = Did not answer
	BingeDrinkTimesPastYear	Char	How many times does the driver report binge drinking in the past year	"Daily/almost daily" "Weekly" "Monthly" "Less than monthly" "Beyond a year/ Never" "Did not answer"
	DUIPastYear	Char	Does the driver report having had a DUI in the past year	"Yes" "No"
	DUIPastYearTimes	Char	How many times have you been under the influence while driving	Numeric value
	WhenStartDrinkAge	Char	How old when had first real drink (other than minor sips)	Numeric value
	DesignatedDriver	Char	Are you the designated driver	"Yes" "No"
	LimitDrinking	Char	How did you limit your drinking	"Did not change drinking behavior" "Drink less than the people you were with" "Limit your drinking" "Not drink at all" "Did not answer"
	DriverAgeYears	Num	Driver reported age	Numeric value
	LicenseAgeYears	Num	How old when obtained license to drive	Numeric value
	MyZipCodeIs	Num	Driver ZIP Code	Numeric value
	EducationLevel	Num	Driver education level	0 = 8th grade or less, 1 = High school, 2 = High school graduate, 3 = Associates degree, 4 = Bachelor's degree, 5 = Master's degree, 6 = Professional degree, 7 = Doctoral degree, 8 = Did not answer
	AreYouStudent	Char	Is the driver currently a student	"College/ Grad or Law School" "High School" "Other/ Technical or Trade Program" "No"
	AreYouEmployed	Num	Is the driver currently employed	1 = Employed, 2 = Unemployed, 3 = Retired, 4 = On disability, 5 = Homemaker, 6 = Other, 7 = Did not answer
	AreYouEmployedOther	Char	Is the driver currently employed (other fill in)	String value

	LengthUnEmploymentYears	Char	How long has the driver been unemployed	Numeric value
	LengthUnEmploymentMonths	Char	How long has the driver been unemployed	Numeric value
	Hispanic	Char	Does the driver identify as Hispanic	"Yes" "No"
	Race	Num	What race does the driver identify as	1 = White, 2 = Black, 3 = Asian, 4 = Native Am or Alaskan, 5 = Hawaiian or Pacific Islander, 6 = More than one, 7 = Other, 8 = Unknown, 9 = Did not answer
	race_obs3	Num	What race does the driver identify as (reduced)	0 = White, 1 = Black, 2 = Asian, 3 = Native Am or Alaskan, 4 = Other/More
	HouseHoldIncome	Num	What is the driver's household income level	0 = 0-25K, 1 =25.1K-50K, 2 = 50.1-75K, 3 = 75.1-100K, 4=over 100K, 5 = did not answer

6.	**Drug Use Questionnaire (see Appendix B)**			
	CoughMeds	Char	How frequently does the participant report using CoughMeds	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	OtherOTCMeds	Char	How frequently does the participant report using OtherOTCMeds	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Tobacco	Char	How frequently does the participant report using Tobacco	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Marijuana	Char	How frequently does the participant report using Marijuana	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Cocaine	Char	How frequently does the participant report using Cocaine	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Heroin	Char	How frequently does the participant report using Heroin	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	LSD	Char	How frequently does the participant report using LSD	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Ecstasy	Char	How frequently does the participant report using Ecstasy	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Meth	Char	How frequently does the participant report using Meth	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	GHB	Char	How frequently does the participant report using GHB	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	PCP	Char	How frequently does the participant report using PCP	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Rohypnol	Char	How frequently does the participant report using Rohypnol	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"
	Ketamine	Char	How frequently does the participant report using Ketamine	"Beyond a year/Never" "Over a Month" "Past Month" "Past 2 Days" "Past 24 Hours"

7. DAST Questionnaire (see Appendix C)

	UsedDrugs	Char	Has the participant used drugs other than for medical reasons	"Yes" "No"
	AbleToStop	Char	Are they always able to stop using when they want to	"Yes" "No"
	HadBlackOuts	Char	Have they ever had blackouts or flashbacks from drug use	"Yes" "No"
	FeelBad	Char	Do they ever feel bad or guilty about drug use	"Yes" "No"
	OthersComplain	Char	Do their partners ever complain about their drug use	"Yes" "No"
	NeglectFamily	Char	Have they neglected their faimly because of drugs	"Yes" "No"
	IlligalActivity	Char	Have they engaged in illegal activity because of drugs	"Yes" "No"
	WithdralsSymptom	Char	Have they experienced withdrawal symptoms from drug use	"Yes" "No"
	MedicalProblem	Char	Have they had medial problems from drug use	"Yes" "No"
	MultipleDrug	Char	Have they abused multiple drugs at one time	"Yes" "No"

8. Prescription Drug Questionnaire (see Appendix D)

	ADHD_Time_Stamp	Char	Date completed	
	ADHD_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	ADHD_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	ADHD_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	ADHD_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	ADHD_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	ADHD_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	ADHD_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	ADHD_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	ADHD_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	ADHD_useAnyDrugWithAlcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Amph_Time_Stamp	Char	Date completed	Numeric Value
	Amph_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never

Amph_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
Amph_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
Amph_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
Amph_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
Amph_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Amph_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Amph_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Amph_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Amph_useAnyDrugWith Alcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
Anti_Time_Stamp	Char	Date completed	Numeric value
Anti_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
Anti_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
Anti_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
Anti_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
Anti_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
Anti_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Anti_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Anti_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Anti_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Anti_useAnyDrugWithAlcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
Barb_Time_Stamp	Char	Date completed	Numeric value
Barb_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
Barb_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
Barb_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
Barb_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
Barb_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
Barb_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Barb_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Barb_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
Barb_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely

	Barb_useAnyDrugWith Alcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Benz_Time_Stamp	Char	Date completed	Numeric value
	Benz_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Benz_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Benz_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	Benz_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Benz_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Benz_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Benz_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Benz_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Benz_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Benz_useAnyDrugWith Alcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Diet_Time_Stamp	Char	Date completed	Numeric value
	Diet_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Diet_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Diet_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	Diet_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Diet_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Diet_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Diet_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Diet_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Diet_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Diet_useAnyDrugWithA lcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Mari_Time_Stamp	Char	Date completed	Numeric value
	Mari_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Mari_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Mari_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	Mari_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Mari_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Mari_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely

	Mari_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Mari_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Mari_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Mari_useAnyDrugWith Alcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Meth_Time_Stamp	Char	Date completed	Numeric value
	Meth_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Meth_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Meth_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	Meth_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Meth_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Meth_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Meth_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Meth_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Meth_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Meth_useAnyDrugWith Alcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Morp_Time_Stamp	Char	Date completed	Numeric value
	Morp_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Morp_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Morp_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	Morp_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Morp_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Morp_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Morp_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Morp_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Morp_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Morp_useAnyDrugWith Alcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Musc_Time_Stamp	Char	Date completed	Numeric value
	Musc_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Musc_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Musc_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes

	Musc_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Musc_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Musc_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Musc_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Musc_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Musc_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Musc_useAnyDrugWith Alcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	PK_Time_Stamp	Char	Date completed	Numeric value
	PK_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	PK_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	PK_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	PK_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	PK_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	PK_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	PK_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	PK_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	PK_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	PK_useAnyDrugWithAl cohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Sati_Time_Stamp	Char	Date completed	Numeric value
	Sati_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Sati_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Sati_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	Sati_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Sati_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Sati_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Sati_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Sati_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Sati_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Sati_useAnyDrugWithAl cohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes
	Slee_Time_Stamp	Char	Date completed	Numeric value

	Slee_lastUse	Num	When was this substance last used	1 = Past 24 hours, 2 = Past 2 Days, 3 = Past month, 4 = Over a Month, 5 = Beyond a year/Never
	Slee_prescribed	Num	Was it prescribed	0 = No, 1 = Yes
	Slee_tookMore	Num	Did you take more than prescribed	0 = No, 1 = Yes
	Slee_warnedSideEffect	Num	Were you warned of side effects	0 = No, 1 = Yes
	Slee_warningLabel	Num	Was there a warning on the label	0 = No, 1 = Yes
	Slee_affectSafeDriving	Num	Does it affect save driving	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Slee_causeCrash	Num	Does it cause crashes	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Slee_arrested	Num	Are you likely to be arrested when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Slee_convicted	Num	Are you likely to be convicted when using	1 = Very likely, 2 = Somewhat likely, 3 = Somewhat unlikely, 4 = Very unlikely
	Slee_useAnyDrugWithAlcohol	Num	Have you used this substance with alcohol	0 = No, 1 = Yes

9. Sorting Variables				
	BAC_2lvl	Num	2 level BAC variable	0 = "BAC = 0", 1 = "BAC>0"
	BAC 3lvl	Num	3 level BAC variable	0 = "BAC = 0", 1 = ".0008 < BAC < .079", 2 = "BAC>.08"
	BAC_4lvl	Num	4 level BAC variable	0 = "BAC = 0", 1 = ".0008 < BAC < .049", 2 = ".05<BAC<.079", 3 = "BAC>.08"
	BAC_5lvl	Num	5 level BAC variable	0 = "BAC = 0", 1 = ".0008 < BAC < .049", 2 = ".05<BAC<.079", 3 = ".08<BAC<.10", 4 = "BAC>.10"
	BAC_THC	Num	Alcohol and THC use	1 = Alcohol plus THC, 2 = Alcohol plus other, 3 = Alcohol only, 4 = THC and no alcohol, 5 = Any drug and no alcohol, 6 = No drugs or alcohol
	Combined_Drug_Cat_reduced	Num	Reduced Combined Drug Categories	0=None, 1=Med only, 2= Ill only, 3 = THC only, 4 = More than one
	Combined_Drug_Cat	Num	Combined Drug Categories	0= None, 1 = Med only, 2 = Ill only,3 = Ill plus Med, 4 = THC only, 5 = THC plus med, 6 = THC plus Ill, 7 = All
	Combined_Drug_Cat2	Num	Combined Drug Categories	0= None, 1 = Med only, 2 = Ill only,3 = THC only, 4 = THC plus another drug, 5 = Ill and Med
	Combined_Drug_Cat3	Num	Combined Drug Categories	0= None, 1 = Med only, 2 = Ill only,3 = THC pos, 4 = Ill and Med
	Combined_Drug_Class	Num	Combined Drug Classes	0=None, 1 = Antidepressants only, 2 = Marijuana only, 3 = Narcotic Analgesics only, 4 = Sedatives only, 5 = Stimulants only, 6 = Other only, 7 = more than one class
	Combined_Drug_Class2	Num	Combined Drug Classes	0=None, 1 = Marijuana only, 2=Marijuana plus other, 3= Antideprssants only, 4=Narcotic Analgesics only, 5= Sedatives only, 6=Stimulants only, 7=Other only, 8= More than 1 class
	Combined_Drug_Class3	Num	Combined Drug Classes	0=None, 1 = Marijuana positive, 2=

				Antideprssants only, 3=Narcotic Analgesics only, 4= Sedatives only, 5=Stimulants only, 6=Other only, 7= More than 1 class
	Drug_Cat_OF	Num	Oral fluid drug categories	0= None, 1 = Med only, 2 = Ill only,3 = Ill plus Med, 4 = THC only, 5 = THC plus med, 6 = THC plus Ill, 7 = All
	Drug_Cat_OF2	Num	Oral fluid drug categories	0= None, 1 = Med only, 2 = Ill only,3 = THC only, 4 = THC plus another drug, 5 = Ill and Med
	Drug_Cat_OF3	Num	Oral fluid drug categories	0= None, 1 = Med only, 2 = Ill only,3 = THC pos, 4 = Ill and Med
	Drug_Class_OF	Num	Oral fluid drug classes	0=None, 1 = Antidepressants only, 2 = Marijuana only, 3 = Narcotic Analgesics only, 4 = Sedatives only, 5 = Stimulants only, 6 = Other only, 7 = more than one class
	Drug_Class_OF2	Num	Oral fluid drug classes	0=None, 1 = Marijuana only, 2=Marijuana plus other, 3= Antideprssants only, 4=Narcotic Analgesics only, 5= Sedatives only, 6=Stimulants only, 7=Other only, 8= More than 1 class
	Drug_Class_OF3	Num	Oral fluid drug classes	0=None, 1 = Marijuana positive, 2= Antideprssants only, 3=Narcotic Analgesics only, 4= Sedatives only, 5=Stimulants only, 6=Other only, 7= More than 1 class
	Drug_Cat_BLD	Num	Blood drug categories	0= None, 1 = Med only, 2 = Ill only,3 = Ill plus Med, 4 = THC only, 5 = THC plus med, 6 = THC plus Ill, 7 = All
	Drug_Cat_BLD2	Num	Blood drug categories	0= None, 1 = Med only, 2 = Ill only,3 = THC only, 4 = THC plus another drug, 5 = Ill and Med
	Drug_Cat_BLD3	Num	Blood drug categories	0= None, 1 = Med only, 2 = Ill only,3 = THC pos, 4 = Ill and Med
	Drug_Class_BLD	Num	Blood drug classes	0=None, 1 = Antidepressants only, 2 = Marijuana only, 3 = Narcotic Analgesics only, 4 = Sedatives only, 5 = Stimulants only, 6 = Other only, 7 = more than one class
	Drug_Class_BLD2	Num	Blood drug classes	0=None, 1 = Marijuana only, 2=Marijuana plus other, 3= Antideprssants only, 4=Narcotic Analgesics only, 5= Sedatives only, 6=Stimulants only, 7=Other only, 8= More than 1 class
	Drug_Class_BLD3	Num	Blood drug classes	0=None, 1 = Marijuana positive, 2= Antideprssants only, 3=Narcotic Analgesics only, 4= Sedatives only, 5=Stimulants only, 6=Other only, 7= More than 1 class
	THC3lvl_of	Num	3 level THC variable in oral fluid	0 = "THC=0", 1= "0<THC<.05", 2= "THC>=.05"
	THC3lvl_bld	Num	3 level THC variable in blood	0 = "THC=0", 1= "0<THC<.05", 2= "THC>=.05"
	THC_of_bld	Num	3 level THC variable in either oral fluid or blood	0 = "THC=0", 1= "0<THC<.05", 2= "THC>=.05"
	Drug_Cat_THC	Num	THC drug category	0 = Not present, 1 = Present

	Drug_Cat_THC_of	Num	Cat THC of	0 = Not present, 1 = Present
	Drug_Cat_THC_bld	Num	Cat THC bld	0 = Not present, 1 = Present
	Drug_Cat_Illegal	Num	Illegal drug category	0 = Not present, 1 = Present
	Drug_Cat_Illegal_of	Num	Cat ILL of	0 = Not present, 1 = Present
	Drug_Cat_Illegal_bld	Num	Cat ILL bld	0 = Not present, 1 = Present
	Drug_Cat_Med	Num	Medicinal drug category	0 = Not present, 1 = Present
	Drug_Cat_Med_of	Num	Cat MED of	0 = Not present, 1 = Present
	Drug_Cat_Med_bld	Num	Cat MED bld	0 = Not present, 1 = Present
	Drug_Class_Anti	Num	Antidepressent Class	0 = Not present, 1 = Present
	Drug_Class_Anti_of	Num	Class ANTI of	0 = Not present, 1 = Present
	Drug_Class_Anti_bld	Num	Class ANTI bld	0 = Not present, 1 = Present
	Drug_Class_Mari	Num	Marijuana Class	0 = Not present, 1 = Present
	Drug_Class_Mari_of	Num	Class MJ of	0 = Not present, 1 = Present
	Drug_Class_Mari_bld	Num	Class MJ bld	0 = Not present, 1 = Present
	Drug_Class_Narc	Num	Narcotic Analgesic Class	0 = Not present, 1 = Present
	Drug_Class_Narc_of	Num	Class NARC of	0 = Not present, 1 = Present
	Drug_Class_Narc_bld	Num	Class NARC bld	0 = Not present, 1 = Present
	Drug_Class_Seda	Num	Sedatives Class	0 = Not present, 1 = Present
	Drug_Class_Seda_of	Num	Class SEDA of	0 = Not present, 1 = Present
	Drug_Class_Seda_bld	Num	Class SEDA bld	0 = Not present, 1 = Present
	Drug_Class_Stim	Num	Stimulants Class	0 = Not present, 1 = Present
	Drug_Class_Stim_of	Num	Class STIM of	0 = Not present, 1 = Present
	Drug_Class_Stim_bld	Num	Class STIM bld	0 = Not present, 1 = Present
	Drug_Class_Other	Num	Other Drug Class	0 = Not present, 1 = Present
	Drug_Class_Other_of	Num	Class OTHR of	0 = Not present, 1 = Present
	Drug_Class_Other_bld	Num	Class OTHR bld	0 = Not present, 1 = Present
	Drug_Class_MoreThan1	Num	More than 1 Class	0 = Not present, 1 = Present
	Drug_Class_MoreThan1_of	Num	Class MORE of	0 = Not present, 1 = Present
	Drug_Class_MoreThan1_bld	Num	Class MORE bld	0 = Not present, 1 = Present

Appendix A

National Roadside Survey – Verbal Survey

DIN: _ _/ _ _ _ _ / _ _ / _ / _ _

1. **The average driver drives about 15,000 miles a year. Would you say you drive:**
   - ☐ More than average
   - ☐ Average
   - ☐ Less than Average
   - ☐ Did not answer

2 **About what percent of your total driving takes place at day (daytime) / night (night time)?**
   - ☐ 0-20%
   - ☐ 21-40%
   - ☐ 41-60%
   - ☐ 61-80%
   - ☐ 81- 100%
   - ☐ Did not answer

Activate PAS while DRIVER is talking

3. **Where are you coming from?**
   - ☐ Own home
   - ☐ Someone else's home
   - ☐ Work
   - ☐ Restaurant/eating place
   - ☐ Bar, tavern, club
   - ☐ School/church
   - ☐ Sport or rec facility/park
   - ☐ Store or gas station
   - ☐ Hotel/motel
   - ☐ Other
   - ☐ Did not answer

   - ☐ Own home
   - ☐ Someone else's home
   - ☐ Work
   - ☐ Restaurant/eating place
   - ☐ Bar, tavern, club
   - ☐ School/church
   - ☐ Sport or rec facility/park
   - ☐ Store or gas station
   - ☐ Hotel/motel
   - ☐ Other
   - ☐ Did not answer

4. **Where are you going to?**

5 **About how many miles is it between those two places?**
   - ☐ 0-5
   - ☐ 6-10
   - ☐ 11-20
   - ☐ More than 20
   - ☐ Did not answer

6. **How many total miles will you have driven by the end of today?**
   - ☐ 0-5
   - ☐ 6-10
   - ☐ 11-20
   - ☐ More than 20
   - ☐ Did not answer

Record PAS Reading:
   - ☐ Green 1 (00)
   - ☐ Green 2
   - ☐ Green 3
   - ☐ Yellow 1
   - ☐ Yellow 2
   - ☐ Yellow 3
   - ☐ Not Used
   - ☐ Yellow 4 – Call a manager
   - ☐ Red 1 – Call a manager
   - ☐ Red 2- Call a manager
   - ☐ Red 3 – Call a manager

Assess intoxication Level
- ☐ Level 1- No signs of alcohol or drug use
- ☐ Level 2: Signs of use but no intoxication
- ☐ Level 3: Signs of use & INTOXICATED. Signal Supervisor "I need some cards over here"

Now I have a few questions about your use of alcohol, such as beer, wine, or liquor:

7. In the past year, how often have you had a drink containing alcohol?
- ☐ None in the past year
- ☐ Monthly or less **Skip to Q 9**
- ☐ 2-4 times/ month **Skip to Q 9**
- ☐ 2-3 times/ week **Skip to Q 9**
- ☐ 4 or more times/ week **Skip to Q 9**
- ☐ Did not answer

8. Do you ever drink alcoholic beverages or are you a total abstainer?
- ☐ Yes, sometimes/ occasionally
- ☐ No, total abstainer **Skip to Q. 17**
- ☐ Did not answer

9. In general would you describe yourself as:
- ☐ A very light drinker
- ☐ A fairly light drinker
- ☐ A moderate drinker
- ☐ A fairly heavy drinker
- ☐ A very heavy drinker
- ☐ Did not answer

10. About how many alcoholic beverages do you consume in an average week?
- ☐ 0
- ☐ 1-2
- ☐ 3-4
- ☐ 5-7
- ☐ 8-14
- ☐ More than 14
- ☐ Did not answer

11. Have you had anything to drink today?
- ☐ Yes
- ☐ No **Skip to Q. 14**
- ☐ Did not answer **Skip to Q. 14**

12. How long ago did you finish your last drink? ____Hours   ____Minutes   ☐ Did not answer

13. Was your last drink beer, wine, liquor, or other?
- ☐ Beer
- ☐ Wine
- ☐ Liquor
- ☐ Other (Malt / Wine coolers, etc.,)
- ☐ Did not answer

14. In the past year, how often did you have five (male) / four (female) or more drinks in a two hour period?
- ☐ Beyond a year/ Never
- ☐ Less than monthly
- ☐ Monthly
- ☐ Weekly
- ☐ Daily/almost daily
- ☐ Did not answer

15. In the past 12 months, did you ever drive after drinking enough that you might be considered to be *legally* under the influence of alcohol?
- ☐ Yes**--> How many times did that happen?** _____ times
- ☐ No
- ☐ Did not answer

16. About how old were you when you first started drinking, not counting small tastes or sips of alcohol?

Age _____
- ☐ Never had alcohol
- ☐ Did not answer

17. Are you (or were you) the designated driver today/ tonight? That is someone who was responsible for safely getting people home after they were drinking alcohol?
- ☐ Yes**--> As a designated driver did you**
  - ☐ Limit your drinking
  - ☐ Drink less than the people you were driving
  - ☐ Didn't change drinking behavior
  - ☐ Not drink at all
  - ☐ Did not answer
- ☐ No
- ☐ Did not answer

Demographic Data

Now I have a few background questions for statistical purposes:

18. What is your age? _____ Years   ☐ Did not answer

19. How old were you when you obtained your license?   _____ Years
  ☐ Not licensed   ☐ Did not answer

20.   What is your zip code? _____   ☐ Did not answer

21. How far have you gone in school?
- ☐ None - 8th grade
- ☐ 9th - 11th grade
- ☐ High school graduate
- ☐ Some college – no degree
- ☐ Associate's degree
- ☐ Bachelor's degree
- ☐ Master's degree
- ☐ Professional degree
- ☐ Doctoral degree
- ☐ Did not answer

22. Are you currently a student?
- ☐ No
- ☐ High School
- ☐ College/ Grad or Law School
- ☐ Other/ Technical or Trade Program

☐ Did not answer

23. Are you currently employed, unemployed, retired, on disability, a homemaker, or other?
- ☐ Employed Full-time
- ☐ Employed Part-time
- ☐ Unemployed
  - **(23A.) How long have you been unemployed?**
    _____Months _____Years ☐ Did not answer
- ☐ Homemaker
- ☐ On Disability
- ☐ Retired
- ☐ Other _____
- ☐ Did not answer

24. Do you consider yourself to be Hispanic or Latino?
- ☐ Yes
- ☐ No
- ☐ Don't know
- ☐ Did not answer

25. To which racial group would you say you belong?
- ☐ White
- ☐ Black or African American
- ☐ Asian
- ☐ Native American or Alaska Native
- ☐ Native Hawaiian or other Pacific Islander
- ☐ More than one
- ☐ Other
- ☐ Unknown
- ☐ Did not answer

26. What range would you say includes your annual *household* income
- ☐ $0-$25,000
- ☐ $25,001-$50,000
- ☐ $50,001-$75,000
- ☐ $75,001- $100,000
- ☐ $100,001 or More
- ☐ Did not answer

Now I would like to get an anonymous sample of your breath. I am not able to look at the results of your breath sample as they are masked on the device and downloaded at a later date. This will take just a few seconds. Again, this is voluntary.

Consent to PBT
- ☐ Yes   **PBT sample #: __ __**   **PBT Time: _____:_____**

- ☐ No   **PBT refusal sample #: __ __**   **PBT refusal Time: _____:_____**

Appendix B

Drug Use Questionnaire

ID: _ _ / _ _ _ _ / _ _ / _ / _ _

The following questions ask about your use of medications and/or drugs. Please indicate the last time you used that particular medication/drug. This is for research purposes only. All your responses are **completely anonymous.**

	Past 24 Hours	Past 2 Days	Past Month	Over a Month	Beyond a year/ Never
1. Cough medicines (like Robitussin, Vicks 44, etc.)	☐	☐	☐	☐	☐
2. Other over-the-counter medicines	☐	☐	☐	☐	☐
3. Tobacco (like cigarettes, cigars, chewing tobacco)	☐	☐	☐	☐	☐
4. Marijuana (like pot, hash, weed)	☐	☐	☐	☐	☐
5. Cocaine (like crack or coke)	☐	☐	☐	☐	☐
6. Heroin	☐	☐	☐	☐	☐
7. LSD (acid)	☐	☐	☐	☐	☐
8. Ecstasy (like "E", MDMA, "X")	☐	☐	☐	☐	☐
9. Methamphetamine (like speed, crank, crystal meth)	☐	☐	☐	☐	☐
10. GHB (like Liquid Ecstasy, Liquid G)	☐	☐	☐	☐	☐
11. PCP (like Angel Dust)	☐	☐	☐	☐	☐
12. Rohypnol (Roofies)	☐	☐	☐	☐	☐
13. Ketamine (Special K)	☐	☐	☐	☐	☐

Appendix C

Drug Abuse Screening Test Questionnaire

DIN: _ _ /_ _ _ _ /_ _ /_ / _ _

Here is a list of questions concerning information about your use of drugs, excluding alcohol and tobacco, during the past 12 months. When the words "drug use" are used, they mean the use of **illegal drugs, prescribed or over-the-counter medications in excess of the directions, and any non-medical use of drugs.**

Again, these questions refer to the **past 12 months.**

Question	Yes	No
1 Have you used drugs other than those required for medical reasons?	☐	☐
2 Are you always able to stop using drugs when you want to? (If never use drugs, answer "Yes")	☐	☐
3 Have you had "blackouts" or "flashbacks" as a result of drug use?	☐	☐
4 Do you ever feel bad or guilty about your drug use? (If never use drugs, choose "No")	☐	☐
5 Does your spouse (or parents) ever complain about your involvement with drugs?	☐	☐
6 Have you neglected your family because of your use of drugs?	☐	☐
7 Have you engaged in illegal activities in order to obtain drugs?	☐	☐
8 Have you ever experienced withdrawal symptoms (felt sick) when you stopped taking drugs?	☐	☐
9 Have you had medical problems as a result of your drug use (e.g., memory loss, hepatitis, convulsions, bleeding, etc.)?	☐	☐
10 Do you abuse more than one drug at a time?	☐	☐

Appendix D

Prescription Drug Questionnaire

Prescription Drug Questionnaire

The following is a list of medications/drugs people may use. Please indicate the last time you used that particular medication/drug. This is for research purposes only. All your responses are **completely anonymous**.						**A** Was this drug prescribed for your use?	**B** Did you take more of this drug than prescribed?	**C** Did a health care provider or pharmacy staff warn you that this drug might affect your driving?	**D** Was there a label on the packaging warning you that this drug might affect your driving?	**E** How likely do you think it is that taking this drug **as prescribed** could affect a person's ability to **drive safely**?	**F** How likely do you think it is that taking this drug **as prescribed** could cause a person to **crash**?	**G** How likely do you think it is that a person taking this drug **as prescribed** could be **arrested** for impaired driving?	**H** How likely do you think it is that a person taking this drug **as prescribed** could be **convicted** of impaired driving?
	Past 24 Hours	Past 2 Days	Past Month	Over a Month	Beyond a year/ Never					1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely	1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely	1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely	1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely
1. Morphine or codeine (like Tylenol with codeine)	☐	☐	☐	☐ Go to #2	☐ Go to #2	☐ Yes ☐ No- Go to #2	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
2. Methadone or buprenorphine (like Subtex, Suboxone)	☐	☐	☐	☐ Go to #3	☐ Go to #3	☐ Yes ☐ No- Go to #3	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
3. Other prescription pain medications (like Oxycontin/ oxycodone, Percocet, Opana/Oxymorphone, Vicodin/hydrocodone)	☐	☐	☐	☐ Go to #4	☐ Go to #4	☐ Yes ☐ No- Go to #4	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
4. ADHD medications (like Ritalin, Aderall, Concerta)	☐	☐	☐	☐ Go to #5	☐ Go to #5	☐ Yes ☐ No- Go to #5	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
5. Other amphetamines (like Benzedrine, Dexedrine)	☐	☐	☐	☐ Go to #6	☐ Go to #6	☐ Yes ☐ No- Go to #6	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
6. Prescription dietary / appetite suppressant (like Tenuate, phentermine)	☐	☐	☐	☐ Go to #7	☐ Go to #7	☐ Yes ☐ No- Go to #7	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				

ID: _ _ /_ _ _ _ /_ / _ _

Prescription Drug Questionnaire						A	B	C	D	E	F	G	H
						Was this drug prescribed for your use?	Did you take more of this drug than prescribed?	Did a health care provider or pharmacy staff warn you that this drug might affect your driving?	Was there a label on the packaging warning you that this drug might affect your driving?	How likely do you think it is that taking this drug **as prescribed** could affect a person's ability to **drive safely**?	How likely do you think it is that taking this drug **as prescribed** could cause a person to **crash**?	How likely do you think it is that a person taking this drug **as prescribed** could be **arrested** for impaired driving?	How likely do you think it is that a person taking this drug **as prescribed** could be **convicted** of impaired driving?
	Past 24 Hours	Past 2 Days	Past Month	Over a Month	Beyond a year/ Never					1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely	1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely	1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely	1- Very likely 2- Somewhat likely 3- Somewhat unlikely 4- Very unlikely
7. Sleep aids (like Ambien, Lunesta)	☐	☐	☐	☐ Go to #8	☐ Go to #8	☐ Yes ☐ No- Go to #8	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
8. Muscle relaxants (like Soma, Flexiril)	☐	☐	☐	☐ Go to #9	☐ Go to #9	☐ Yes ☐ No- Go to #9	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
9. Antidepressants (like Prozac, Zoloft, Wellbutrin, Lexapro, Effexor)	☐	☐	☐	☐ Go to #10	☐ Go to #10	☐ Yes ☐ No- Go to #10	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
10. Benzodiazepines (like Xanax/alprazolam, Valium/diazepam, Ativan/lorazepam)	☐	☐	☐	☐ Go to #11	☐ Go to #11	☐ Yes ☐ No- Go to #11	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
11. Barbiturates (Phenobarbital)	☐	☐	☐	☐ Go to #12	☐ Go to #12	☐ Yes ☐ No- Go to #12	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
12. Medicinal marijuana/cannabis	☐	☐	☐	☐ Go to #13	☐ Go to #13	☐ Yes ☐ No- Go to #13	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				
13. Sativex or Marinol (dronabinol)	☐	☐	☐	☐ Done	☐ Done	☐ Yes ☐ No- Done	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know	☐ Yes ☐ No ☐ Don't know				

14. Of the prescription medications you reported using, have you ever taken any with alcohol? ☐ Yes ☐ No