Table A1. *Sample characteristics (weighted percentages)*

	Before retail sales (June 2014)	After retail sales (Nov–Dec 2014)	After retail sales (June 2015)
Age	N=893	N=658	N=804
16–20	5	5	6
21–34	23	27	24
35–44	17	22	20
45–64	37	31	35
65 and older	18	16	15
Unknown	0	<1	0
Sex			
Male	54	53	52
Female	46	46	48
Unknown	<1	<1	<1
Race			
White	72	70	73
Black	7	11	10
Native American or Alaska Native	5	5	2
Asian	2	3	1
Native Hawaiian or Pacific Islander	1	1	3
Other or more than one	4	2	4
Unknown	8	9	7
Ethnicity			
Hispanic	13	14	13
Non-Hispanic	87	86	86
Unknown	<1	1	<1
Education level			
High school or less	27	35	63
College degree or some college	64	59	35
Professional or graduate school	8	6	2
Unknown	<1	0	0
Household income			
$25,000 or less	33	31	27
$25,001–50,000	9	10	35
$50,001–75,000	31	32	15
$75,001–100,000	17	18	0
>$100,000	8	8	9
Unknown	1	2	15

Note. Percentages do not always sum to 100% due to rounding.

Table A2. *Drivers' responses to marijuana questionnaire, before and after retail sales of marijuana were implemented*

	Before retail sales (June 2014)		After retail sales (Nov–Dec 2014)		After retail sales (June 2015)	
	Percent	95% CI	Percent	95% CI	Percent	95% CI
Ever used marijuana	N=893		N=658		N=804	
Yes	66	[61, 71]	68	[64, 73]	67	[62, 72]
No	33	[28, 38]	31	[27, 36]	32	[27, 37]
Unknown	1	[0, 2]	1	[0, 1]	1	[0, 2]
(If ever used marijuana) Age at first use	N=603		N=458		N=536	
12 and younger	7	[4, 10]	8	[5, 10]	7	[5, 9]
12–15	28	[23, 32]	25	[20, 29]	22	[17, 26]
16–20	43	[37, 49]	46	[41, 52]	51	[45, 57]
21–29	18	[13, 24]	13	[8, 17]	14	[8, 19]
30 and older	4	[2, 6]	9	[4, 13]	7	[3, 11]
Self-reported last marijuana use*	N=893		N=658		N=804	
Past 3 hours	3	[2, 5]	3	[2, 5]	4	[2, 6]
Past 24 hours	10	[6, 14]	10	[7, 12]	9	[6, 12]
Past week	15	[11, 20]	17	[14, 20]	18	[13, 22]
Past month	21	[16, 25]	23	[19, 26]	22	[18, 27]
Past year	29	[24, 34]	30	[26, 34]	26	[22, 31]
>1 year ago or never	69	[65, 74]	67	[63, 72]	70	[66, 75]
Unknown	2	[1, 3]	3	[1, 5]	3	[1, 6]
(If used marijuana in past year) Frequency of use	N=305		N=250		N=269	
Daily	14	[8, 20]	19	[13, 25]	17	[11, 24]
5 or more times a week	11	[2, 21]	5	[2, 7]	7	[3, 11]
3–4 times a week	11	[5, 18]	7	[3, 11]	5	[2, 8]
2 or less times a week	6	[3, 9]	12	[7, 16]	12	[3, 20]
4 times or less a month	9	[4, 13]	7	[3, 11]	17	[9, 26]
12 times or less a year	19	[13, 26]	18	[12, 24]	19	[12, 27]
Once year or less	26	[19, 34]	24	[18, 30]	16	[11, 22]
Unknown	3	[1, 6]	8	[2, 14]	6	[0, 12]
(If ever used marijuana) Where the driver usually gets it	N=614		N=466		N=550	
Friend/acquaintance	59	[53, 64]	54	[48, 60]	44	[38, 50]
Licensed distributor/retailer	8	[5, 12]	11	[8, 14]	20	[15, 25]
Other or unknown	33	[27, 39]	35	[30, 41]	36	[30, 42]
(If ever used marijuana) Last place of use						
Home	37	[31, 43]	37	[31, 42]	41	[35, 47]
Friend's home	28	[23, 33]	31	[26, 36]	24	[19, 29]
Other or unknown	35	[29, 41]	32	[27, 37]	35	[29, 41]
(If used marijuana more than once in past year) Used it within 2 hours before driving	N=224		N=185		N=207	
Yes	42	[31, 52]	30	[22, 37]	44	[32, 55]
No	57	[46, 68]	62	[53, 71]	49	[38, 60]
Unknown	1	[0, 3]	9	[1, 16]	7	[0, 15]
(If used marijuana before driving) How did the driver think it affected their driving?	N=97		N=66		N=79	
Made driving worse	2	[0, 5]	4	[0, 9]	10	[3, 18]
Made driving better	21	[9, 33]	23	[11, 36]	14	[1, 27]
Did not make a difference	61	[46, 76]	55	[41, 70]	72	[57, 88]
Do not know	16	[2, 29]	17	[5, 30]	3	[0, 7]
(If used marijuana more than once in past year) Ever NOT driven due to marijuana use	N=224		N=185		N=207	
Yes	57	[47, 68]	48	[39, 58]	67	[57, 77]
No	38	[27, 48]	46	[37, 55]	32	[22, 42]
Unknown	5	[0, 11]	9	[1, 16]	1	[0, 3]
Likelihood of marijuana impairing a person's ability to drive safely if used within 2 hours of driving	N=892		N=658		N=803	
Very likely	51	[46, 56]	49	[45, 54]	49	[44, 54]
Likely	18	[14, 21]	16	[12, 19]	20	[16, 24]
Somewhat likely	20	[16, 24]	21	[18, 25]	21	[17, 26]
Not at all likely	10	[8, 13]	10	[8, 13]	8	[5, 11]
Unknown	1	[0, 2]	3	[1, 5]	1	[0, 3]
Likelihood of a person being arrested for impaired driving after using marijuana within 2 hours of driving	N=891		N=658		N=803	
Very likely	39	[34, 44]	39	[34, 44]	41	[36, 46]
Likely	26	[21, 30]	28	[23, 32]	28	[23, 33]
Somewhat likely	22	[18, 26]	23	[19, 27]	21	[16, 26]
Not at all likely	12	[8, 16]	8	[5, 10]	10	[7, 13]
Unknown	1	[0, 3]	3	[1, 5]	1	[0, 1]

Note. Percentages do not always sum to 100% due to rounding. All percentages are weighted. CI = confidence interval

* Percentages sum to more than 100% due to some categories being cumulative (e.g., "past week" includes "past 24 hours")

Table A3. *Drivers' marijuana and alcohol use and perceptions of risk, by driver age and sex (weighted percentages and 95% confidence intervals)*

	Males ages 16–34			Males 35 and older			Females ages 16–34			Females 35 and older		
	June 2014	Nov–Dec 2014	June 2015	June 2014	Nov–Dec 2014	June 2015	June 2014	Nov–Dec 2014	June 2015	June 2014	Nov–Dec 2014	June 2015
Self-reported last marijuana use*	N=303	N=231	N=268	N=240	N=166	N=207	N=174	N=136	N=169	N=173	N=122	N=157
Past 24 hours	14 [9, 19]	17 [12, 22]	13 [7, 19]	6 [3, 10]	10 [5, 15]	9 [3, 15]	12 [6, 18]	13 [7, 20]	18 [11, 25]	12 [2, 22]	4 [1, 7]	4 [1, 7]
Past month	30 [24, 37]	37 [30, 43]	30 [23, 37]	15 [10, 20]	17 [11, 23]	24 [16, 32]	35 [26, 44]	33 [24, 41]	33 [25, 42]	18 [8, 28]	16 [9, 24]	12 [4, 21]
Past year	44 [37, 51]	44 [37, 51]	38 [31, 46]	23 [16, 30]	23 [16, 30]	26 [18, 35]	47 [38, 56]	52 [43, 61]	40 [32, 49]	23 [13, 33]	21 [13, 29]	15 [6, 23]
Oral fluid/blood results	N=300	N=226	N=268	N=237	N=161	N=207	N=169	N=134	N=168	N=171	N=118	N=156
THC-positive	16 [11, 21]	22 [16, 28]	27 [20, 34]	13 [8, 18]	19 [12, 26]	20 [12, 28]	16 [9, 23]	16 [9, 23]	21 [14, 27]	16 [8, 23]	25 [17, 34]	11 [3, 20]
Breath results	N=301	N=231	N=262	N=238	N=165	N=203	N=173	N=136	N=168	N=170	N=121	N=154
Alcohol-positive	10 [5,14]	5 [2, 9]	5 [1, 9]	5 [1, 10]	2 [0, 3]	4 [0, 8]	4 [1, 7]	8 [2, 13]	3 [0, 6]	2 [0,3]	1 [0, 2]	4 [0, 8]
Oral fluid/blood and breath results	N=298	N=226	N=262	N=235	N=160	N=203	N=168	N=134	N=167	N=168	N=117	N=154
THC- and alcohol-positive	2 [0, 3]	1 [0, 2]	3 [0, 7]	1 [0, 3]	0 na	1 [0, 2]	1 [0, 2]	1 [0, 2]	0 na	1 [0, 2]	0 na	0 na
Perceptions of risk												
Marijuana very likely to impair driving if used within 2 hours of driving	N=302	N=231	N=267	N=240	N=166	N=207	N=174	N=136	N=169	N=173	N=122	N=157
	35 [30, 42]	37 [30, 44]	41 [33, 48]	48 [40, 56]	52 [43, 60]	46 [37, 55]	36 [28, 44]	40 [31, 48]	43 [34, 52]	67 [56, 77]	58 [48, 68]	59 [48, 70]
Drivers very likely to be arrested for impaired driving if marijuana used within 2 hours of driving	N=302	N=231	N=267	N=239	N=166	N=207	N=174	N=136	N=169	N=173	N=122	N=157
	35 [28, 41]	38 [31, 44]	35 [28, 42]	36 [29, 43]	38 [30, 46]	36 [28, 45]	38 [30, 46]	32 [24, 40]	42 [33, 50]	45 [34, 56]	44 [34, 54]	48 [37, 59]

Note. na = not applicable. THC-positive is defined as a positive test for THC and/or the active metabolite hydroxy -THC in blood and/or oral fluid.

* Percentages sum to more than 100% due to some categories being cumulative (e.g., "past week" includes "past 24 hours")