National Cannabis Survey, third quarter 2018

Released at 8:30 a.m. Eastern time in The Daily, Thursday, October 11, 2018

About 4.6 million or 15% of Canadians aged 15 and older reported using cannabis in the past three months. That was a similar percentage to what was reported throughout 2018. Use remains more common among males and 15-to 24-year-olds in the period immediately preceding legalization of cannabis. The percentages reporting daily or almost daily consumption also tended to be higher among males and those under the age of 25.

The Cannabis Act (C-45) is set to become law on October 17, 2018. To prepare for this change, Statistics Canada has been adapting the national statistical system to measure the social and economic impacts of legalized cannabis.

To monitor cannabis consumption before and after the legislative change, Statistics Canada is conducting the National Cannabis Survey (NCS) every three months (quarterly) throughout 2018 and into 2019. This release provides the latest information about how cannabis use and spending in Canada is changing, and includes information about its use as it relates to driving. New NCS data for the third quarter, collected from mid-August to mid-September, includes results for the 10 provinces.

Higher rates of cannabis consumption in Nova Scotia and British Columbia

In the third quarter, 23% of residents in Nova Scotia and 20% in British Columbia reported using cannabis in the previous three months, above the estimates for the rest of Canada (other provinces combined). By contrast, Quebec (10%) was the only province where cannabis usage was lower than the rest of Canada during the previous three months.

The rate of cannabis use continued to be higher among males (18%) than females (12%) in the third quarter. Use also decreased with age, as 27% of 15- to 24-year-olds reported cannabis consumption, more than double the rate for people aged 25 and older (13%).

Males not only more likely to report using cannabis but also more likely to use it daily or almost daily

The frequency of cannabis use has been associated with the risk of addiction, poor mental health, and reduced academic achievement.

In the third quarter, 6% of Canadians aged 15 and older (nearly 1.8 million) reported using cannabis on a daily or almost daily basis, while 3% (close to 800,000) reported using weekly.

Daily or almost daily use was more common among males (7%) than females (4%). Age was also a factor, as daily or almost daily use was more prevalent among people aged 15 to 24 (8%) than it was for those aged 45 or older (3%).

One in three users report not paying for cannabis

One in three cannabis users reported not paying for cannabis they consumed in the previous three months, consistent with findings for the first half of 2018. In contrast, one-quarter of cannabis users spent more than \$250.

For the first time, detailed data are available on cannabis users who spent in excess of \$250 on cannabis. In the third quarter, about 14% of cannabis consumers (more than 650,000 Canadians) spent from \$251 to \$500 on cannabis, 7% spent from \$501 to \$1,000, and 3% spent more than \$1,000 in the previous three months (or \$333 per month, on average).

People who reported consuming cannabis on a daily or almost daily basis typically reported higher expenditures—more than a quarter spent from \$251 to \$500 and another quarter spent more than \$500.





People who used cannabis infrequently were more likely to report little or no expenses. About two-thirds of cannabis users who consumed cannabis once or twice in the third quarter reported spending nothing on cannabis, perhaps reflecting the social or sharing culture of cannabis users.

About one in seven cannabis users with a driver's licence reported driving within two hours of using

Over the first nine months of 2018 (combined survey data for the first, second and third quarters), 14% of cannabis users with a valid driver's licence reported driving within two hours of using.

Males were nearly twice as likely as females to engage in this behaviour.

The percentage who reported driving after consuming did not differ by age, with similar proportions reporting for people aged 15 to 24 and for those aged 25 and older.

The prevalence of driving after use also did not vary across the country.

Frequency of cannabis use, however, did play a role in a user's likelihood of driving within two hours of consumption. People who consumed cannabis on a daily or almost daily basis (28%) were about nine times more likely to engage in this behaviour than those who reported using cannabis once or twice (3%) over a three-month period.

Proportion of Canadians riding in a vehicle operated by a driver who had consumed cannabis unchanged from previous quarter

In the third quarter, 5% (or 1.5 million) of Canadians aged 15 years and older reported being passengers in vehicles operated by drivers who had consumed cannabis within the previous two hours—the same as in the previous quarter (the first time this information was collected).

While the likelihood of reporting this activity did not differ by gender, it did by age with 16% of youth and young adults aged 15 to 24 reporting being passengers in vehicles driven by potentially impaired drivers—more than four times as often as people aged 25 or older (4%).

Getting into a vehicle with a driver who had consumed cannabis was more common among passengers who were also current users of cannabis. For example, 27% of users reported having been a passenger compared with 2% of those who indicated no use in the past three months.

The proportions reporting having been passengers in vehicles operated by drivers who had consumed cannabis remained fairly similar across the country in the second and third quarters, with some variation in Manitoba (third quarter) and Saskatchewan (second quarter), where residents reported lower-than-average occurrences.

Monitoring of these numbers will continue so that a clearer understanding of them can be determined over time, given that these data have been collected during a period of near unprecedented change as it relates to drug policy and policing.

Note to readers

The Cannabis Act (C-45) is set to become law on October 17, 2018. To prepare for this change, Statistics Canada has been adapting the national statistical system to measure the social and economic impacts of legalized cannabis.

To monitor cannabis consumption before and after the legislative change, Statistics Canada collaborated with partners at Health Canada, Public Safety Canada and the Public Health Agency of Canada to develop this new survey, the National Cannabis Survey (NCS), which will be collected every three months (quarterly) throughout 2018 and into 2019.

This release provides the latest data about how cannabis use and spending in Canada is changing, and includes information about its use as it relates to driving.

The NCS falls under the new 'Rapid Stats' program being offered by Special Surveys Division, Statistics Canada, to rapidly respond to pressing data needs.

The main objective of the NCS is to focus on the level of cannabis use in the past three months, and the likelihood that respondents may change their cannabis-related behaviours during the periods immediately preceding and following legalization on October 17, 2018, of non-medical cannabis by adults.

The third quarter data were collected in the provinces in August and September 2018. The first quarter data were collected in February and March 2018 (provinces only), while the second quarter data were collected in May and June (provinces and territorial capitals).

The target population for the survey is the household population aged 15 years or older and excludes residents of institutions, the homeless and people living on indigenous reserves.

The third quarter survey response rate was 51.6% yielding a sample of 5,798; second and first quarter survey response rates were 51.3% and 51.2%, respectively, and correspond to samples of 7,285 and 5,817.

Cannabis users are defined as having used some form of cannabis in the past three months, for either a medical or non-medical purpose.

Cannabis includes marijuana, hashish, hash oil or any other preparation of the cannabis plant.

Survey sampling weights were applied so that the analyses would be representative of the Canadian population.

All differences between characteristics and the comparison groups discussed are statistically significantly at the p < 0.05 and were tested using t-test statistics and bootstrap replicate weights to account for the survey's complex sampling design.

All analyses, which include second quarter results, were estimated with and without data from the territorial capitals where possible. Because the results did not change appreciably with the territories or without and because the third quarter data were collected in the provinces only, all second quarter results exclude the territorial data.

Data limitations and cautions

The information in this release is self-reported and has not been validated. Social desirability and fear of punishment, both of which are potential sources of bias, may be especially relevant to this analysis. Changes over time in respondents' willingness to admit drug use may be influencing the statistics but remains difficult to measure.

As an ongoing quarterly, the NCS has been designed to monitor short-term change in behaviours during the months immediately preceding and following the adoption of the Cannabis Act.

Small sample sizes for some analyses may also have reduced the ability to reach statistical significance. As well, not all relevant covariates were available. Combining cycles and averaging results across quarters can improve statistical power and the stability of the estimates.

Additional information

For more information regarding cannabis statistics. consult the Statistics Canada Cannabis Hub.

Statistics Canada is collecting information on cannabis prices through a crowdsourcing site, StatsCannabis. Please visit the site and share your information with confidence; participation is anonymous.

Table 1 Number and percentage of people reporting cannabis use in the past three months by quarter, gender, age, household population aged 15 years or older, Canada, first, second and third quarters of 2018

	People		95% confidence interval ⁶	
	thousands	%	lower limit (%)	upper limit (%)
Third quarter				
Canada	4,550.5	15.2	13.8	16.6
Gender				
Female ¹	1,898.8	12.5	10.7	14.4
Male	2,573.5	17.5 ²	15.5	19.8
Age group				
15 to 24	1,101.6	27.0^{2}	20.7	34.4
25 or older ¹	3,448.9	13.3	12.0	14.7
Province	5, 1.0.0			
Newfoundland and Labrador	71.0	16.1	12.3	20.9
Prince Edward Island	18.9	15.0	11.0	20.1
Nova Scotia	181.4	23.0^{3}	18.9	27.6
New Brunswick	85.8	13.8	10.4	18.2
Quebec	703.0	10.14	7.7	13.3
Ontario	1,779.3	15.1	12.6	18.0
Manitoba	190.5	18.9	14.5	24.2
Saskatchewan	137.8	15.7 ⁵		20.9
Alberta	137.8 586.5	17.0	11.6 13.5	20.9
British Columbia				
British Columbia	796.5	20.0 ³	16.2	24.3
Second quarter				
Canada	4,643.1	15.6	14.2	17.0
Gender				
Female ¹	1,832.1	12.2	10.4	14.2
Male	2,811.0	19.0 ²	17.0	21.3
Age group				
15 to 24	1,169.7	32.7 ²	25.8	40.5
25 or older ¹	3,473.4	13.2	11.9	14.6
Province	•			
Newfoundland and Labrador	79.4	18.1	14.1	22.8
Prince Edward Island	23.7	19.2	14.7	24.8
Nova Scotia	165.6	21.0 ³	17.0	25.6
New Brunswick	107.0	17.3	13.4	21.9
Quebec	727.6	10.6 ⁴	8.3	13.3
Ontario	2,075.2	17.8 ³	15.1	20.8
Manitoba	2,073.2 153.4	15.1	11.5	19.6
Saskatchewan				
	86.9	9.9 ⁴	7.2	13.4
Alberta	533.4	15.6	12.3	19.4
British Columbia	690.9	17.3	13.7	21.6
First quarter	4.470.0	44.0	40.7	45.4
Canada	4,178.8	14.0	12.7	15.4
Gender				
Female ¹	1,842.2	12.2	10.6	14.1
Male	2,319.8	15.8 ²	13.9	17.9
Age group				
15 to 24	815.7	23.2 ²	17.0	30.8
25 or older ¹	3,363.2	12.8	11.6	14.1
Province	0,000.2	12.0	11.0	
Newfoundland and Labrador	72.3	16.4	12.6	21.1
Prince Edward Island	17.4	14.1	10.3	18.9
Nova Scotia	158.1	20.0 ³	15.5	25.5
New Brunswick	88.9	14.3	10.3	25.5 19.5
Quebec				
Ontario	712.0 1,583.3	10.4 ⁴ 13.5	8.2 11.2	13.0 16.3
	15811	111	77.7	163

Table 1 - continued Number and percentage of people reporting cannabis use in the past three months by quarter, gender, age, household population aged 15 years or older, Canada, first, second and third quarters of 2018

	People		95% confidence	e interval ⁶
	thousands	<u> </u>	lower limit (%)	upper limit (%)
Manitoba	168.5	16.6	13.0	21.0
Saskatchewan	132.4	15.1	11.8	19.2
Alberta	570.9	16.6	13.3	20.6
British Columbia	675.0	17.2	13.9	21.0
First, second and third quarters combined				
Canada	4,457.5	14.9	14.1	15.7
Gender				
Female ¹	1,857.7	12.3	11.3	13.4
Male	2,568.1	17.5 ²	16.3	18.7
Age group	•			
15 to 24	1,029.0	27.6 ²	23.8	31.9
25 or older ¹	3,428.5	13.1	12.4	13.9
Province	-,			
Newfoundland and Labrador	74.2	16.9	14.5	19.6
Prince Edward Island	20.0	16.1	13.7	18.8
Nova Scotia	168.4	21.3 ³	18.9	24.0
New Brunswick	93.9	15.1	12.9	17.7
Quebec	714.2	10.4 ⁴	8.9	12.0
Ontario	1,812.6	15.5	14.0	17.1
Manitoba	170.8	16.9	14.4	19.6
Saskatchewan	119.0	13.6	11.4	16.0
Alberta	563.6	16.4	14.3	18.7
British Columbia	720.8	18.2 ³	16.1	20.4

Reference category.

Note(s): For the combined analysis the original sampling weights of provincial respondents were adjusted by a factor of three (because there are three quarters). By combining quarters the analytical power of the survey is improved and the estimates reflect the average of the three quarters.

Source(s): National Cannabis Survey (5262).

^{2.} Significantly higher than reference category.

^{3.} Signifcantly higher than the rest of Canada.4. Signifcantly lower than the rest of Canada.

Significantly higher than corresponding estimate from the second quarter.

^{6.} Confidence intervals are used to express the precision of the estimate.

Table 2
Frequency of cannabis use among past-three month users, by gender, age group, and quarter, household population aged 15 or older, Canada, first, second and third quarters of 2018

	People		95% confidence interval ⁴	
	thousands	%	lower limit (%)	upper limit (%)
Third quarter				
Total	4.005.0	4.0	0.0	5.0
Once or twice Monthly	1,385.0 627.2	4.6 2.1	3.8 1.5	5.6 2.9
Weekly	773.3	2.6	2.0	3.3
Daily or almost daily	1,765.1	5.9	5.0	6.9
Gender				
Females				
Once or twice	691.8	4.5	3.5	5.9
Monthly	224.9	1.5 ^E	0.9	2.5
Weekly	339.8	2.2 ^E	1.6	3.2
Daily or almost daily Males	642.2	4.2 ¹	3.2	5.5
Once or twice	669.3	4.6	3.4	6.1
Monthly	402.2	2.7 ^E	1.8	4.1
Weekly		2.7 2.9 ^E		
Daily or almost daily	432.1 1,069.9	2.9 ⁻ 7.3	2.0 5.9	4.2 8.9
Age group 15 to 24				
Once or twice	325.3	8 ^E	4.7	13.1
Monthly	250.0	6.1 ^E	3.2	11.5
Weekly	F	F		
Daily or almost daily	337.9	8.3 ^E	5.3	12.8
25 to 44	044.0	0.4	4.0	7.0
Once or twice Monthly	611.9	6.1	4.6	7.9
Weekly	238.0	2.4 ^E	1.5	3.6
,	318.6	3.2 ^E	2.2	4.5
Daily or almost daily 45 or older	915.8	9.1	7.2	11.4
Once or twice	447.8	2.8 ^{2,3}	2.1	3.8
Monthly		0.9 ^{E2}		
Weekly	139.2 266.2	0.9 1.7	0.5 1.2	1.4 2.3
Daily or almost daily	511.4	3.2 ²	2.6	4.0
Second quarter				
Total				
Once or twice	1,426.9	4.8	4.0	5.7
Monthly	540.8	1.8	1.3	2.4
Weekly Daily or almost daily	736.3 1,939.1	2.5 6.5	1.9 5.5	3.2 7.7
Daily of airriost daily	1,939.1	0.5	5.5	1.1
Gender Females				
Once or twice	571.0	3.8 ¹	2.9	4.9
Monthly		1.2 ^{E,1}		
Weekly	174.0	1.2=,1	0.7	1.8
•	226.3	1.5 ^{E,1}	1.0	2.2
Daily or almost daily Males	860.8	5.7	4.4	7.5
Once or twice	855.9	5.8	4.5	7.4
Monthly	366.8	2.5 ^E	1.7	3.7
Weekly	510.0	3.5 ^E	2.5	4.8
Daily or almost daily	1,078.3	7.3	6.0	8.9
Age group				
15 to 24				
Once or twice	404.1	11.3 ^E	7.4	16.8
Monthly	<u>F</u>	<u>F</u>		
Weekly	F	F		
Daily or almost daily	445.0	12.4 ^E	7.8	19.3
25 to 44 Once or twice	725.6	6.8	5.3	8.8
Monthly	280.7	2.6 ^E	1.9	3.8
,	Z0U.1	∠.0	1.9	3.0

Table 2 - continued

Frequency of cannabis use among past-three month users, by gender, age group, and quarter, household population aged 15 or older, Canada, first, second and third quarters of 2018

Mexisky 308.7 2.9	<u>-</u>	People		95% confidence i	interval ⁴
Daily or almost daily 956.1 9.0 7.1 4.5 4.7 4.7 5.5 0.1 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.8 1.3 3.0 4.8 1.3 3.0 3.0 3.2 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 3.3 3.5 3.3 3.5 3.8 3.3 3.5 4.8 1.3 3.5 4.8 1.3 3.5 4.8 1.4 4.8		thousands	%	lower limit (%)	upper limit (%)
Daily or almost claiy	Weekly	308.7	2.9 ^E	2.0	4.2
Once of twice 297.2 1.9² 1.4 Monthly 79.2 5.8² 0.3 Weekly 287.9 1.8 1.3 Daily or almost daily 5.86 3.2 2.8 First quarter Cone or twice 1.267.5 4.3 3.5 Monthly 572.7 1.9 1.4 Weekly 718.5 2.4 1.9 Daily or almost daily 572.7 1.9 1.4 Boally or almost daily 572.7 1.9 1.4 Cander Females Section 1.6 1.0 1.0 2.4 3.3 Monthly 240.6 1.6° 1.0 1.1					11.4
Monthly 79.2 0.5 2.2 0.5 2.2 0.5 2.2 0.5 2.2 0.5 2.2 0.5 2.2 0.5 2.2 0.5 2.2 0.5			•		
Weekly		297.2	1.9 ²		2.6
Daily or almost daily					0.9
Institution	•				2.5
otal 1,267.5 4.3 3.5 Monthly 572.7 1.9 1.4 Weekly 718.5 2.4 1.9 Daily or almost daily 1,620.0 5.4 4.6 sender 4.6 1.6 1.9 emales 3.3 3.0 3.0 Once or twice 655.9 4.4 3.3 Monthly 240.6 1.6 ^E 1.0 Weekly 242.3 1.8 ^{E,1} 1.1 Daily or almost daily 703.5 4.7 3.6 Island 4.7 4.2 3.2 2.3 Weekly 475.6 3.2 2.3 1.5 Weekly 475.6 3.2 2.3 1.5 Weekly 476.6 3.2 2.3 1.5 Weekly 476.6 3.2 2.3 1.5 1.2 Weekly 476.6 3.2 2.3 3.6 1.2 1.2 1.2 1.2 1.2 1.2 <t< td=""><td>Daily or almost daily</td><td>536.0</td><td>3.4²</td><td>2.8</td><td>4.2</td></t<>	Daily or almost daily	536.0	3.4 ²	2.8	4.2
Once or twice 1,267.5 4.3 3.5 Monthly 718.5 2.4 1.9 Daily or almost daily 1,620.0 5.4 4.6 Image: Control of the con					
Monthly		1 267 5	43	3.5	5.2
Weekly					2.6
maler smales sma					3.1
### Standard			5.4		6.3
Once or twice 655,9 4,4 3,3 Monthly 246,6 1,6 ^E 1,0 Weekly 242,3 1,6 ^{E,1} 1,1 Daily or almost daily 703,5 4,7 3,6 sics 30 3,7 3,6 Once or twice 611,7 4,2 3,2 Weekly 475,6 3,2 2,3 Daily or almost daily 900,5 6,1 5,0 ge group 5 to 24 To 24 Weekly 198,4 5,6 ^E 3,0 Monthly 198,4 5,6 ^E 3,0 Weekly 286,3 7,6 ^E 4,7 To almost daily 5,6 4,7 Sto 44 To almost daily 5,6 4,7 Weekly 7,7 7,1 5,6 Monthly 30,6 2,9 ^E 1,9 Daily or almost daily 7,6 6,1					
Monthly 240.6 1.6 ^E 1.0 Weekly 242.3 1.6 ^E 1.1 Daily or almost daily 703.5 4.7 3.6 ales 8 3.2 3.2 Conce or twice 611.7 4.2 3.2 3.2 Monthly 332.1 2.3 ^E 1.5 3.2 2.3 1.5 3.2 2.3 1.5 3.2 2.3 3.0		055.0		0.0	
Weekly 242.3 1.8 ^{E.1} 1.1 Daily or almost daily 703.5 4.7 3.6 tales 703.5 4.7 3.6 Conce or twice 611.7 4.2 3.2 Monthly 332.1 2.3 ^E 1.5 Weekly 475.6 3.2 2.3 Daily or almost daily 80.5 6.1 5.0 ge group 510.24 8 3.8 8 Monthly 198.4 5.6 ^E 3.8 8 Monthly 198.4 5.6 ^E 3.0 8 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.7 5.0 4.0 5.0 4.0 5.0 4.0			4.4		5.7
Daily or almost daily 3.6 4.7 3.6 3.6 3.8 3.6 3.8 3.6 3.8 3.8 3.8 3.8 3.2 3.2 3.2 3.2 3.2 3.3 3.3 3.2 3.2 3.2 3.3 3.2 3.2 3.3 3.2 3.2 3.3 3.2 3.2 3.3 3.2 3.3 3.2 3.3 3.2 3.3 3.3 3.2 3.3	•		1.6		2.5
Section Sect	•		1.6 ^{E,1}		2.3
Once or twice 611.7 4.2 3.2 Monthly 332.1 2.3 ^E 1.5 Weekly 475.6 3.2 2.3 Daily or almost daily 900.5 6.1 5.0 ge group seg group 5 to 24 Once or twice 239.3 6.8 ^E 3.8 Monthly 198.4 5.6 ^E 3.0 Weekly F F F Daily or almost daily 268.3 7.6 ^E 4.7 5 to 44 Once or twice 74.7 7.1 5.6 Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older Once or twice 280.5 1.8 ² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 20.9 1.3 ^E 0.9 Daily or almost daily 55.9 3.5 ² 2.8		703.5	4.7	3.6	6.0
Monthly 332.1 2.3E 1.5 Weekly 475.6 3.2 2.3 Daily or almost daily 900.5 6.1 5.0 ge group 5 to 24 Conce or twice 239.3 6.8E 3.8 Monthly 198.4 5.6E 3.0 Weekly F F F Daily or almost daily 268.3 7.6E 4.7 5 to 44 7 7.1 5.6 5.6 Monthly 301.6 2.9E 1.9 1.9 Weekly 407.1 3.9 2.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0<		611.7	42	3.2	5.5
Weekly 475.6 3.2 2.3 Daily or almost daily 900.5 6.1 5.0 ge group 5 to 24 Once or twice 239.3 6.8 E 3.8 Monthly 198.4 5.6 E 3.0 Weekly F F F Daily or almost daily 268.3 7.6 E 4.7 5 to 44 5.0 Monthly 30.6 2.9 E 1.9 Weekly 30.6 2.9 E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 75.8 7.6 6.1 5 or older 7.6 6.1 5 Once or twice 280.5 1.8² 1.3 Monthly 72.7 0.5 E² 0.3 Weekly 20.1 1.3 E 0.9 Daily or almost daily 555.9 3.5² 2.8 irst, second and third quarters combined 1.3 E 4.5 4.1 Monthly					3.4
Daily or almost daily 900.5 6.1 5.0 ge group 5 to 24 Once or twice 239.3 6.8 ^E 3.8 Monthly 198.4 5.6 ^E 3.0 Weekly F F F Daily or almost daily 268.3 7.6 ^E 4.7 5 to 44 Once or twice 747.7 7.1 5.6 Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older 5 6.1 5 Once or twice 280.5 1.8 ² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5 ² 2.8 irst, second and third quarters combined 3.5 4.5 4.1 Monthly 580.2 1.9 1.6					4.5
5 to 24 Once or twice 239.3 6.8 ^E 3.8 Monthly 198.4 5.6 ^E 3.0 Weekly F F F Daily or almost daily 268.3 7.6 ^E 4.7 5 to 44 7 7.1 5.6 Once or twice 747.7 7.1 5.6 Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older 72.7 0.5 ^{E2} 0.3 Once or twice 280.5 1.8 ² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5 ² 2.8 Irst, second and third quarters combined or all o					7.5
Once or twice 239.3 6.8 ^E 3.8 Monthly 198.4 5.6 ^E 3.0 Weekly F F F Daily or almost daily 268.3 7.6 ^E 4.7 5 to 44 To twice 747.7 7.1 5.6 Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 785.8 7.6 6.1 5 or older To close 1.8 ² 1.3 Once or twice 280.5 1.8 ² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 580.2 1.9 1.6 Once or twice 1.359.8 4.5 4.1 Monthly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 Veekly 742.7 2.5 2.1 Daily or alm					
Monthly 198.4 5.6 ^E 3.0 Weekly F F F Daily or almost daily 268.3 7.6 ^E 4.7 5 to 44 7 7.1 5.6 Once or twice 747.7 7.1 5.6 Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 785.8 7.6 6.1 5.6 Sor Older 785.8 7.6 6.1 5.2 1.9 2.8 2.8 2.8 2.8 2					
Weekly Daily or almost daily F F Daily or almost daily 268.3 7.6E 4.7 5 to 44 Once or twice 747.7 7.1 5.6 Monthly 301.6 2.9E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older Once or twice 280.5 1.8² 1.3 Monthly 72.7 0.5E² 0.3 Weekly 201.9 1.3E 0.9 Daily or almost daily 555.9 3.5² 2.8 List, second and third quarters combined val Once or twice 1,359.8 4.5 4.1 Monthly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 ender	Once or twice	239.3		3.8	11.9
Weekly Daily or almost daily F F Daily or almost daily 268.3 7.6E 4.7 5 to 44 Once or twice 747.7 7.1 5.6 Monthly 301.6 2.9E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older Once or twice 280.5 1.8² 1.3 Monthly 72.7 0.5E² 0.3 Weekly 201.9 1.3E 0.9 Daily or almost daily 555.9 3.5² 2.8 List, second and third quarters combined val Once or twice 1,359.8 4.5 4.1 Monthly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 ender	Monthly	198.4	5.6 ^E	3.0	10.4
5 to 44 Conce or twice 747.7 7.1 5.6 Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older 0nce or twice 280.5 1.8 ² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5 ² 2.8 irst, second and third quarters combined total Once or twice 1,359.8 4.5 4.1 Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 emales emales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.4 ¹ 1.1 Weekly 269.5 1.8 ¹ 1.4	Weekly		F		
Once or twice 747.7 7.1 5.6 Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older 72.7 0.5 ^{E2} 0.3 Once or twice 280.5 1.8 ² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5 ² 2.8 irst, second and third quarters combined otal 3.2 4.5 4.1 Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Daily or almost daily 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 sender 560.2 1.9 1.6 weekly 742.7 2.5 2.1 Daily or almost daily 213.2 1.4 1.1 weekly 269.5	Daily or almost daily	268.3	7.6 ^E	4.7	12.2
Monthly 301.6 2.9 ^E 1.9 Weekly 407.1 3.9 2.9 Daily or almost daily 75.6 6.1 5 or older 70.0 1.8 ² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5 ² 2.8 irst, second and third quarters combined test 1,359.8 4.5 4.1 Monthly 742.7 2.5 2.1 Weekly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 emales Once or twice 639.6 4.2 3.6 Monthly 269.5 1.8 ¹ 1.4 Weekly 269.5 1.8 ¹ 1.4 Daily or almost daily 735.5 4.9 4.2 Bail 1.4 1.1 1.1 Weekly 269.5 1.8 ¹ <					
Weekly 407.1 3.9 2.9 Daily or almost daily 795.8 7.6 6.1 5 or older 70ce or twice 280.5 1.8² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5² 2.8 irst, second and third quarters combined obtal 3.5 4.5 4.1 Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Daily or almost daily 774.7 5.9 5.4 ender emales 4.2 3.6 Monthly 213.2 1.4 1.1 Weekly 269.5 1.8¹ 1.4 Daily or almost daily 735.5 4.9¹ 4.2 Baily or almost daily 367.0 2.5 2.0 Weekly 367.0 2.5 2.0 Weekly 367.0 2.5 2.0 Weekly 367.0					9.1
Daily or almost daily 795.8 7.6 6.1 75 or older 75 or older 72.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.5 7.6 7.5					4.2
5 or older 280.5 1.8² 1.3 Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5² 2.8 irst, second and third quarters combined trst, second and third quarters combin					5.2
Once or twice 280.5 1.8² 1.3 Monthly 72.7 0.5E² 0.3 Weekly 201.9 1.3E 0.9 Daily or almost daily 555.9 3.5² 2.8 street, second and third quarters combined obtal Treet, second and third quarters combined obtal Solution of third quarters combined obtal Monthly 580.2 1.9 4.1 Monthly 4.2 3.6 Monthly 269.5 1.8¹ 1.4 Augusta daily 735.5 4.9¹ 4.2 Boliquid obtal 4.2 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly		795.8	7.6	6.1	9.4
Monthly 72.7 0.5 ^{E2} 0.3 Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5 ² 2.8 Inst. second and third quarters combined or second and sec		200 5	4 02	4.2	2.4
Weekly 201.9 1.3 ^E 0.9 Daily or almost daily 555.9 3.5 ² 2.8 irst, second and third quarters combined ortal Once or twice 1,359.8 4.5 4.1 Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 semales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.4 ¹ 1.1 Weekly 269.5 1.8 ¹ 1.4 Daily or almost daily 735.5 4.9 ¹ 4.2 Jailes Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6					2.4
Daily or almost daily 555.9 3.5² 2.8 irist, second and third quarters combined otal Once or twice 1,359.8 4.5 4.1 Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Dialog or almost daily 742.7 5.9 5.4 Emals 2.2 2.2 3.6 Monthly 2.13.2 4.2 3.6 Monthly 2.6 2.1 1.4 <th< td=""><td>•</td><td></td><td></td><td></td><td>0.8</td></th<>	•				0.8
Second and third quarters combined Second and third and the second and	•				1.9
Once or twice 1,359.8 4.5 4.1 Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 Pender emales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.4 ¹ 1.1 Weekly 269.5 1.8 ¹ 1.4 Daily or almost daily 735.5 4.9 ¹ 4.2 Bally or almost daily 735.5 4.9 ¹ 4.2 All Monthly 4.2 All Monthly 4.2 Bally or almost daily 367.0 2.5 2.0 Weekly 472.6 3.2 2.6	Daily of aimost daily	555.9	3.5 ²	2.8	4.4
Once or twice 1,359.8 4.5 4.1 Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 Sender emales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.41 1.1 Weekly 269.5 1.81 1.4 Daily or almost daily 735.5 4.91 4.2 Iales Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6					
Monthly 580.2 1.9 1.6 Weekly 742.7 2.5 2.1 Daily or almost daily 1,774.7 5.9 5.4 Seemales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.41 1.1 Weekly 269.5 1.81 1.4 Daily or almost daily 735.5 4.91 4.2 Islaes 0nce or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6		1.359.8	4.5	4.1	5.1
Daily or almost daily 1,774.7 5.9 5.4 sender emales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.4¹ 1.1 Weekly 269.5 1.8 ¹ 1.4 Daily or almost daily 735.5 4.9 ¹ 4.2 ales Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6 2.6					2.3
Fiender Semales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.4¹ 1.1 Weekly 269.5 1.8¹ 1.4 Daily or almost daily 735.5 4.9¹ 4.2 Iales Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6	Weekly			2.1	2.9
emales Once or twice 639.6 4.2 3.6 Monthly 213.2 1.4 ¹ 1.1 Weekly 269.5 1.8 ¹ 1.4 Daily or almost daily 735.5 4.9 ¹ 4.2 lales Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6	Daily or almost daily	1,774.7	5.9	5.4	6.5
Once or twice 639.6 4.2 3.6 Monthly 213.2 1.4¹ 1.1 Weekly 269.5 1.8¹ 1.4 Daily or almost daily 735.5 4.9¹ 4.2 Isles 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6					
Monthly 213.2 1.41 1.1 Weekly 269.5 1.81 1.4 Daily or almost daily 735.5 4.91 4.2 lales Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6		630.6	4.0	2.6	4.9
Weekly 269.5 1.81 1.4 Daily or almost daily 735.5 4.91 4.2 tales Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6					
Daily or almost daily 735.5 4.9¹ 4.2 lales Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6					1.9
Index Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6	•				2.2
Once or twice 712.3 4.8 4.1 Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6		735.5	4.91	4.2	5.7
Monthly 367.0 2.5 2.0 Weekly 472.6 3.2 2.6		710 2	/ Q	11	5.7
Weekly 472.6 3.2 2.6					3.2
					3.9
					7.8
Age group 5 to 24					

Table 2 - continued Frequency of cannabis use among past-three month users, by gender, age group, and quarter, household population aged 15 or older, Canada, first, second and third quarters of 2018

	People		95% confidence interval ⁴	
	thousands	%	lower limit (%)	upper limit (%)
Once or twice	322.9	8.7	6.6	11.4
Monthly	209.8	5.6 ^E	3.9	8.2
Weekly	146.0	3.9 ^E	2.4	6.5
Daily or almost daily	350.4	9.4	7.1	12.3
25 to 44				
Once or twice	695.1	6.7	5.7	7.8
Monthly	273.4	2.6 ²	2.1	3.3
Weekly	344.8	3.3	2.7	4.0
Daily or almost daily	889.9	8.6	7.5	9.8
45 or older				
Once or twice	341.8	2.2 ²	1.8	2.6
Monthly	97.0	0.6^{2}	0.4	0.8
Weekly	252.0	1.6 ²	1.3	1.9
Daily or almost daily	534.5	3.4^{2}	3.0	3.9

not applicable

Note(s): For the combined analysis the original sampling weights of provincial respondents were adjusted by a factor of three (because there are three quarters). By combining quarters the analytical power of the survey is improved and the estimates reflect the average of the three quarters. Source(s): National Cannabis Survey (5262).

use with caution

too unreliable to be published

^{1.} Signifcantly lower than corresponding estimate for males.

^{2.} Significantly lower than corresponding estimate for 15 to 24 year olds.

^{3.} Significantly higher than corresponding estimate from the first quarter.

^{4.} Confidence intervals are used to express the precision of the estimate.

Table 3 Percentage distribution of amount spent on cannabis in the past three months, by frequency of use during same three-month period, household population aged 15 years or older, Canada, third quarter of 2018

	People	People		95% confidence interval ¹	
	thousands	%	lower limit (%)	upper limit (%)	
Total					
Nothing	1,512.3	33.3	28.2	38.9	
\$1 to \$50	686.9	15.1	11.5	19.7	
\$51 to \$100	428.0	9.4	7.0	12.6	
\$101 to \$250	791.0	17.4	13.6	22.1	
\$251 to \$500	653.9	14.4	11.2	18.4	
\$501 to \$1,000	320.7	7.1	5.1	9.7	
More than \$1,001	145.9	3.2 ^E	1.8	5.8	
Once or twice					
Nothing	919.2	66.6	57.2	74.8	
\$1 to \$50	300.7	21.8 ^E	14.6	31.1	
\$51 to \$100	78.4	5.7 ^E	2.9	10.7	
\$101 to \$250	F	F			
\$251 to \$500	F	F			
\$501 to \$1,000	F	F			
More than \$1,001	0	0			
Weekly or monthly					
Nothing	500.8	35.8	25.9	47.0	
\$1 to \$50	263.6	18.8 ^E	12.4	27.5	
\$51 to \$100	234.1	16.7 ^E	10.9	24.7	
\$101 to \$250	257.5	18.4 ^E	12.2	26.8	
\$251 to \$500	124.1	8.9 ^E	4.7	16.2	
\$501 to \$1000	F	6.9 F			
More than \$1001	o	0	 		
Daily or almost daily					
Nothing	92.3	5.3 ^E	2.9	9.3	
\$1 to \$50	F	F.			
\$51 to \$100	115.5	6.6 ^E	4.0	10.7	
\$101 to \$250	478.9	27.3	20.1	35.8	
\$251 to \$500	505.4	28.8	22.0	36.6	
\$501 to \$1,000	296.6	16.9 ^E	12.1	23.1	
More than \$1,001	145.9	8.3 ^E	4.6	14.5	
	140.9	0.3	4.0	14.3	

Note(s): Due to some data suppression in each of the frequency-use categories, summed distributions do not add up to 100%.

Source(s): National Cannabis Survey (5262).

^{...} not applicable E use with caution

F too unreliable to be published

^{1.} Confidence intervals are used to express the precision of the estimate.

Table 4 Number and percentage of people driving a vehicle within two hours of having consumed cannabis, by selected characteristics, household population aged 15 years or older, Canada, combined first, second and third quarters of 2018

	People		95% confidence interval ³	
	thousands		lower limit (%)	upper limit (%)
First, second and third quarters combined				
Canada	572.6	14.2	12.1	16.6
Gender				
Females ¹	160.7	9.7	7.4	12.7
Males	401.9	17.0 ²	14.0	20.4
Age group				
15 to 24	121.3	14.8 ^E	9.1	23.1
25 or older ¹	451.3	14.0	12.0	16.4
Province				
Newfoundland and Labrador	10.8	15.3 ^E	10.2	22.4
Prince Edward Island	2.1	12.3 ^E	7.5	19.6
Nova Scotia	25.9	16.6 ^E	11.3	23.6
New Brunswick	15.4	17.6 ^E	11.4	26.1
Quebec	91.8	14.5 ^E	9.7	21.2
Ontario	210.8	13.2 ^E	9.4	18.2
Manitoba	20.8	13.1 ^E	8.3	20.0
Saskatchewan	23.0	20.2 ^E	13.3	29.6
Alberta	92.1	17.7 ^E	12.5	24.3
British Columbia	79.7	11.8 ^E	8.1	16.8
Frequency of cannabis use				
Once or twice ¹	39.5	3.1 ^E	1.8	5.3
Monthly	F	F		
Weekly	87.2	12.8 ^{E,2}	8.0	19.9
Daily or almost daily	433.1	27.9 ²	23.5	32.7

^{..} not applicable

Note(s): For the combined analysis the original sampling weights of provincial respondents were adjusted by a factor of three (because there are three quarters). By combining quarters the analytical power of the survey is improved and the estimates reflect the average of the three quarters.

Source(s): National Cannabis Survey (5262).

Table 5 Number and percentage of people reporting being a passenger in a vehicle driven by someone who had consumed cannabis within two hours of driving, by selected characteristics, household population aged 15 years or older, Canada, second and third quarters of 2018

	People		95% confidence	e interval ⁵
	thousands	%	lower limit (%)	upper limit (%)
Third quarter Canada	1,502.1	5.5	4.5	6.7
Gender Females ¹ Males	689.5 764.0	5.0 5.7	3.7 4.4	6.6 7.3
Age group 15 to 24	587.3	16.1 ^{E,2}	11.1	22.9

use with caution

too unreliable to be published

Reference category.
 Significantly higher than the reference category.

^{3.} Confidence intervals are used to express the precision of the estimate.

Table 5 - continued

Number and percentage of people reporting being a passenger in a vehicle driven by someone who had consumed cannabis within two hours of driving, by selected characteristics, household population aged 15 years or older, Canada, second and third quarters of 2018

	People		95% confidence interval ⁵	
	thousands	<u></u> %	lower limit (%)	upper limit (%)
25 or older ¹	914.8	3.8	3.0	4.8
Province				
Newfoundland and Labrador	20.8	5.3 ^E	3.0	9.2
Prince Edward Island	6.5	5.5 ^E	2.9	10.2
Nova Scotia	39.1	5.4 ^E	3.3	8.6
New Brunswick	38.9	6.9 ^E	4.2	11.2
Quebec	247.1	3.9 ^E	2.5	6.1
Ontario	629.3	5.9 ^E	4.1	8.4
Manitoba	29.3	3.1 ^{E,3}	1.9	5.1
Saskatchewan	74.3	8.9 ^{E,4}	5.5	14.2
Alberta	218.5	7.0 ^E	4.4	10.8
British Columbia	198.3	5.5 ^E	3.4	8.8
Used cannabis in the past three months				
Yes	1,008.8	27.2 ²	21.9	33.2
No ¹	493.3	2.1	1.4	3.0
Second quarter				
Canada	1,416.2	5.1	4.2	6.2
Gender				
Females ¹	655.2	4.6	3.5	6.2
Males	760.9	5.7	4.4	7.3
Age group 15 to 24		F 2		
	316.0	9.7 ^{E,2}	5.8	15.6
25 or older ¹	1,100.2	4.5	3.7	5.5
Province		_		
Newfoundland and Labrador	33.2	8.1 ^E	5.1	12.6
Prince Edward Island	7.2	6.4 ^E	3.5	11.4
Nova Scotia	43.6	6.0 ^E	3.6	9.6
New Brunswick	28.7	5.0 ^E	3.1	7.8
Quebec	275.0	4.2 ^E	2.7	6.4
Ontario	619.0	5.8 ^E	4.1	8.2
Manitoba	62.0	6.5 ^E	4.0	10.4
Saskatchewan	25.7	3.1 ^{E,3}	1.7	5.5
Alberta	183.6	5.9 ^E	3.8	8.9
British Columbia	138.0	3.7 ^E	2.2	6.4
Used cannabis in the past three months		_		
Yes	952.9	25.3 ²	20.1	31.3
No ¹	463.2	2.0	1.4	2.7

E use with caution

Source(s): National Cannabis Survey (5262).

^{1.} Reference category.

Significantly higher than the reference category or than the rest of Canada.

Significantly Ingrief than the rest of Canada.

Significantly higher than corresponding estimate from the second quarter.

^{5.} Confidence intervals are used to express the precision of the estimate.

Definitions, data sources and methods: survey number 5262.

The infographic "National Cannabis Survey, 3rd quarter 2018," which is part of *Statistics Canada — Infographics* (11-627-M), is now available.

For more information, or to enquire about the concepts, methods or data quality of this release, contact us (toll-free 1-800-263-1136; 514-283-8300; **STATCAN.infostats-infostats.STATCAN@canada.ca**) or Media Relations (613-951-4636; **STATCAN.mediahotline-ligneinfomedias.STATCAN@canada.ca**).