

Supplementary Table 1. *Reasons for medical cannabis use, n = 2697*

<b>Variable</b>	<b>n (%)</b>
<b>Primary illness currently treated with medical cannabis</b>	
Chronic Pain	750 (27.8)
Arthritis	402 (14.9)
Anxiety	242 (9.0)
Insomnia	238 (8.8)
Fibromyalgia	172 (6.4)
Post-Traumatic Stress Disorder (PTSD)	158 (5.9)
Depression	93 (3.4)
Headache/migraine	72 (2.7)
Multiple Sclerosis	72 (2.7)
Cancer/Leukemia	45 (1.7)
Gastrointestinal Disorder	40 (1.5)
Crohn's Disease	39 (1.4)
Brain Injury	32 (1.2)
Other	209 (7.7)
Remainder <sup>1</sup>	133 (4.9)
<b>Primary Symptoms currently treated with medical cannabis</b>	
Pain	1796 (66.6)
Anxiety	964 (35.7)
Insomnia/sleep disorder	933 (34.6)
Stress	646 (24)
Depression/low mood	602 (22.3)
Headache/migraines	369 (13.7)
Gastrointestinal Issues	272 (10.1)
Spasms	196 (7.3)
Nausea	194 (7.2)
Appetite Loss	173 (6.4)
Attention Deficit	96 (3.6)
Memory Loss	89 (3.3)
Addiction/dependence/withdrawal	33 (1.2)
Seizures	28 (1.0)
Intraocular Eye Pressure	16 (0.6)
Other	127 (4.7)
<b>Cannabis perceived to help with primary symptom relief (how often)</b>	
Rarely	13 (0.5)
Sometimes	331 (12.3)

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Often	1520 (56.4)
Always	828 (30.7%)
<b>Perceived level of cannabis effectiveness for symptom relief (0-100% effective)</b>	
Mean (SD)	75.2 (16.4)
Median (IQR)	76 (19)

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*Note.* <sup>1</sup>Refers to sum of all conditions for which responses were less than 1.0% each

Supplementary Table 2. *Reasons for medical cannabis use by gender*

Variable	Gender, <i>n</i> (%)		<i>p</i> -value
	Male 1352 (50.1)	Female 1325 (49.1)	
Primary illness currently treated with medical cannabis			
Chronic pain	408 (30.2)	336 (25.4)	0.005
Arthritis	197 (14.6)	205 (15.5)	0.514
Anxiety	133 (9.8)	130 (9.8)	0.978
Insomnia/sleep disorder	121 (8.9)	115 (8.7)	0.858
Fibromyalgia	27 (2.0)	141 (10.6)	<0.001
Primary symptom currently treated with medical cannabis <sup>1</sup>			
Pain	858 (63.5)	925 (69.8)	<0.001
Anxiety	472 (34.9)	477 (36.0)	0.583
Insomnia/sleep disorder	419 (31.0)	503 (38.0)	<0.001
Stress	319 (23.6)	314 (23.7)	0.986
Depression/low mood	294 (21.7)	299 (22.6)	0.642

*Note.* <sup>1</sup>Patients could choose more than one primary symptom

Supplementary Table 3. *Primary methods of use (n = 2697)*

<b>Variable</b>	<b>n (%)</b>
<b>Primary Product Type</b>	
Oral Extracts/Drops	1468 (54.4)
Vaporizer - cannabis flower/bud	334 (12.4)
Joint	308 (11.4)
Oral Capsules	151 (5.6)
Vaporizer pen or cartridge (for oil)	127 (4.7)
Pipe	91 (3.4)
Waterpipe/bong	79 (2.9)
Oral edibles	47 (1.7)
Oral tincture	41 (1.5)
Topical	21 (0.8)
Concentrates	14 (0.5)
Juicing	1 (0.0)
Other	15 (0.6)
<b>Mode of administration of primary product</b>	
All oral products combined	1722 (63.8)
All inhalation products combined	939 (34.8)

Supplementary Table 4. *Cannabis use patterns and preferences by gender*

Variable	N(%)	Gender <sup>1</sup>		p-value
		Male	Female	
<b>Overall (n = 2697)</b>				
<b>Frequency of use</b>				
< Daily	479 (17.8)	265 (19.6)	212 (16.0)	0.015
≥ Daily	2218 (82.2)	1087 (80.4)	1113 (84.0)	
<b>Form(s) of cannabis consumed</b>				
Flower	1399 (51.9)	843 (62.4)	539 (40.7)	<0.001
Oral preparation	2298 (85.2)	1106 (81.8)	1176 (88.8)	<0.001
Vape pen / cartridge	709 (26.3)	409 (30.3)	292 (22.0)	<0.001
> 1 form	1271 (47.1)	746 (55.2)	512 (38.6)	<0.001
<b>Flower products (n = 1399)</b>				
<b>Average daily dose per use (dried weight)</b>				
<1 gram	758 (54.2)	310 (57.5)	438 (52.0)	0.022
1-2 grams	422 (30.2)	162 (30.1)	256 (30.4)	
≥ 3 grams	219 (15.7)	67 (12.4)	149 (17.7)	
<b>Cannabinoid constituents of preferred flower</b>				
High THC, Low CBD	821 (58.7)	539 (63.9)	273 (50.6)	<0.001
1:1 Ratio (THC:CBD)	257 (18.4)	134 (15.9)	120 (22.2)	
Low THC, High CBD	134 (9.6)	75 (8.9)	57 (10.6)	
No preference	186 (13.3)	95 (11.3)	89 (16.5)	
<b>Oral products (2298)</b>				
<b>Cannabinoid constituents of most used oral product</b>				
High THC, Low CBD	532 (23.2)	311 (28.1)	219 (18.6)	<0.001
1:1 Ratio (THC:CBD)	434 (18.9)	213 (19.3)	218 (18.5)	
Low THC, High CBD	1332 (58.0)	582 (52.6)	739 (62.8)	
<b>Vape products (n = 709)</b>				
<b>Preferred vape product cannabinoid constituents</b>				
High THC, Low CBD	373 (52.6)	223 (54.5)	147 (50.3)	0.749
1:1 Ratio (THC:CBD)	176 (24.8)	97 (23.7)	75 (25.7)	
Low THC, High CBD	70 (9.9)	39 (9.5)	30 (10.3)	
No preference	90 (12.7)	50 (12.2)	40 (13.7)	

Note. <sup>1</sup>Sample is reduced by n=20 for gender

Supplementary Table 5. *Past-year change in prescription opioids and non-opioids by gender*

Past-year perceived change in use	N(%)	Gender		p-value
		Male	Female	
<b>Opioids<sup>1</sup> (n = 452)</b>				
Increased	27 (6.0)	13 (5.9)	13 (5.8)	0.999
Decreased	243 (53.8)	119 (53.6)	121 (53.5)	
No change	182 (40.3)	90 (40.5)	92 (40.7)	
<b>Non-opioids<sup>2</sup> (n =1182)</b>				
Increased	69 (5.8)	22 (4.2)	46 (7.0)	0.008
Decreased	383 (32.4)	153 (29.4)	227 (34.8)	
No change	730 (61.8)	345 (66.3)	380 (58.2)	
<b>Illicit substances<sup>3</sup> (n = 110)</b>				
Increased	6 (5.5)	4 (5.4)	2 (6.1)	0.742 <sup>4</sup>
Decreased	54 (49.1)	35 (47.3)	18 (54.5)	
No change	50 (45.5)	35 (47.3)	13 (39.4)	
<b>Alcohol (n = 1451)</b>				
Increased	132 (9.1)	65 (8.2)	67 (10.3)	0.099
Decreased	551 (38.0)	317 (40.1)	228 (35.1)	
No change	768 (52.9)	409 (51.7)	355 (54.6)	
<b>Tobacco (n = 850)</b>				
Increased	36 (4.2)	11 (2.4)	25 (6.5)	0.014
Decreased	202 (23.8)	110 (24.1)	90 (23.3)	
No change	612 (72.0)	336 (73.5)	271 (70.2)	

Note. <sup>1</sup>**Most common prescribed opioids:** (1) Oxycodone, *n* = 194 (42.9%), (2) Hydromorphone, *n* = 114 (25.2%), (3) Tramadol, *n* = 94 (20.8%), (4) Codeine, *n* = 85 (18.4%), (5) Morphine, *n* = 44 (9.7%)

<sup>2</sup>**Most common prescribed non-opioids:** (1) Naproxen/Naproxen-containing, *n* = 85 (7.2%), (2) Acetaminophen/Acetaminophen-containing, *n* = 83 (7.0%), (3) Gabapentin, *n* = 81 (6.9%), (4) Ibuprofen/Ibuprofen-containing, *n* = 63 (5.3%), (5) Pregabalin, *n* = 56 (4.7%)

<sup>3</sup>**Most common illicit substances:** (1) Psilocybin, *n* = 57 (51.8%), (2) Cocaine/Crack, *n* = 53 (48.2%), (3) LSD, *n* = 31 (28.2%), (4) MDMA, *n* = 23 (20.9%), (5) Amphetamines, *n* = 12 (10.9%)

<sup>4</sup>Fisher's exact test due to small cell counts