#### Fewer than one per cent of Canadians who received a prescription in the past six months say cost is a contributor to non-adherence to prescription medicines

#### **Prescription Use Survey Summary**

Submitted by Nanos to Innovative Medicines Canada & the Canadian Life and Health Insurance Association Released November 20<sup>th</sup>, 2017









# **Key Findings**

- 1. 80% of respondents report having received a prescription in the past six months
- 2. 93% of respondents who report having received a prescription in the past six months report the prescriptions were taken without exception as prescribed
- 3. Seven per cent of respondents who report being given a prescription in the last six months did not take it as prescribed. Of those, the top reasons for non-adherence were as follows:
  - 33% say they no longer needed it
  - 23% reported side effects, an allergic reaction or the medication being too strong
  - Seven per cent indicated the medication was too expensive or they couldn't afford it. This shows that less than one per cent of respondents who received a prescription in the last six months did not take the medication(s) as prescribed due to cost
  - Seven per cent forgot to take it
- 4. Nearly six in ten respondents who report having received a prescription in the last six months and not taking it as prescribed were either not aware (54%) or unsure (three per cent) of public drug programs to help pay for prescription drugs

Most respondents report taking prescriptions as prescribed while one in 20 report not taking their prescription medicine according to a new random telephone survey of 4,445 Canadians. Those few who reported personally receiving a prescription but not taking it as prescribed most often said they stopped early/did not fill it/took a smaller dose one time, and frequently said this was due to no longer needing it or side effects.

Readers should note that this research is among Canadian adults who lived in a household where someone had received a prescription medicine in the last six months.

#### Prescription use in household

- More than nine in ten respondents with a child who received a prescription said it was taken as prescribed Ninetyfour per cent of respondents with a child who received a prescription in the last six months said all prescriptions were taken without exception as prescribed, while five per cent said they were not.
- **Eight in ten respondents reported having received a prescription in the last six months** Eight in ten respondents (80%) reported they have received a prescription in the past six months, while 20 per cent reported they have not.
- Majority of respondents who received a prescription in the past six months said it was taken as prescribed Over nine in ten (93%) respondents who reported receiving a prescription in the past six months said it was taken as prescribed without exception, while seven per cent said it was not.
- More than half of the one in 20 respondents who received a prescription and did not take it as prescribed said they did not fill a prescription one time in the last six months Fifty-six per cent of respondents who received a prescription in the last six months but did not take it as prescribed said they did not fill a prescription one time, while 40 per cent said they did not fill a prescription more than one time in the past six months. Two per cent were unsure and two per cent refused to answer.
- Half of the one in 20 respondents who received a prescription and did not take it as prescribed said they stopped taking a prescription early one time in the last six months Fifty-two per cent of respondents who received a prescription in the last six months but did not take it as prescribed said they stopped taking the prescription early one time, while 43 per cent said they stopped early more than one time in the past six months. Six per cent were unsure.
  - Four in ten respondents who received a prescription and did not take it as prescribed said they took a smaller dose of a prescription one time in the last six months – Forty-three per cent of respondents who received a prescription in the last six months but did not take it as prescribed said they took a smaller dose of or took a prescription less often than prescribed one time in the last six months, while 37 per cent said they did this more than once. Nineteen per cent were unsure.







- Take as needed medications were the most frequently reported medication that respondents did not take as **prescribed** Sixty-four per cent of respondents who received a prescription in the past six months but did not take it as prescribed said the prescription was take as needed medication (ex. pain, antibiotics, digestive issues, anti-inflammatory, etc), while 31 per cent said the prescription was for a serious chronic condition (ex. diabetes, cardiovascular, transplant surgery, osteoporosis, etc), followed by medications to help quality of life (ex. ADHD, RA, etc.)(14%). One per cent said they can't recall/unsure, and seven per cent refused to answer.
- One in three respondents who received a prescription but did not take it as prescribed cited no longer needing it as the reason One third of respondents (33%) who received a prescription in the past six months but did not take it as prescribed said it was because they no longer needed it, followed by side effects (18%), cost (seven per cent), forgot/forgetful (seven per cent), and I take it only when needed (five per cent). Fourteen per cent refused to answer.

#### Prescription medicine expenses

- Respondents who received a prescription but did not take it as prescribed reported spending an average of \$270 on prescription meds in the last six months – Asked how much they have spent on average at their own expense on prescription medications, respondents who received a prescription but did not take it as prescribed reported spending an average of \$270.35 in the last six months.
- Over half of respondents who received a prescription but did not take it as prescribed said they are unaware of any publicly funded programs to help people access prescription medicines Just over one in two (54%) respondents who received a prescription medicine but did not take it as prescribed said they are not aware of any publicly funded programs to help people access prescription medicines. Forty-three per cent said they are aware of such programs, while three per cent were unsure.
- Two in three respondents who received a prescription but did not take it as prescribed say they are covered through a private plan –Two in three respondents who received a prescription but did not take it as prescribed say they are covered under a work health benefit plan either their own or someone in their family (45%), have health benefits and coverage through a union or professional association (13%), or have health benefits and coverage purchased at their own expense through an insurance carrier (eight per cent). Eighteen per cent said their prescription medicines are paid for by a government public plan, although they are not a government employee, and 12 per cent have no health plan coverage and have to pay for the full price of any prescription needed. Three per cent refused to answer. Please note that each province has a different provincial drug plan, making it difficult to compare findings between provinces.

Nanos conducted an RDD dual frame (land- and cell-lines) random telephone survey of 4,445 Canadians, 18 years of age or older, between May 27<sup>th</sup> and July 10<sup>th</sup>, 2017. Participants were randomly recruited by telephone using live agents and administered a survey. The margin of error for a random survey of 4,445 Canadians is ±1.4 percentage points, 19 times out of 20.

The research was commissioned by Innovative Medicines Canada and the Canadian Life and Health Insurance Association (CLHIA)

# Objectives

Innovative Medicines Canada and the Canadian Life and Health Insurance Association (CLHIA) retained Nanos to conduct a survey of Canadians about their use of and behaviours surrounding prescription medicine use.

The objective of the research is to gauge the number of Canadians who are uninsured or underinsured, and whether that has impacted their behaviour in terms of their prescription medicine use. The research also sought to explore the incidence of Canadians who do not take prescription medication(s) as prescribed, and the relationship between that behaviour and the cost of the medication(s).

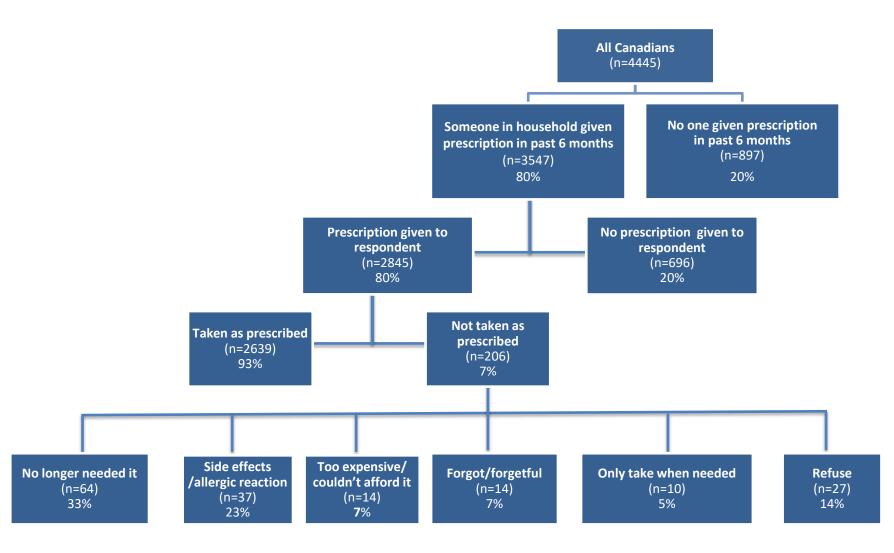
The survey was conducted among 4,445 Canadians, with two subsamples targeted:

- Canadians with a child(ren) who received a prescription in the last six months (n=590); and,
- Canadians who have personally received a prescription in the last six months (n=2,845).

The following two pages detail the incidence for each of these subgroups within the sample of 4,445 Canadians.

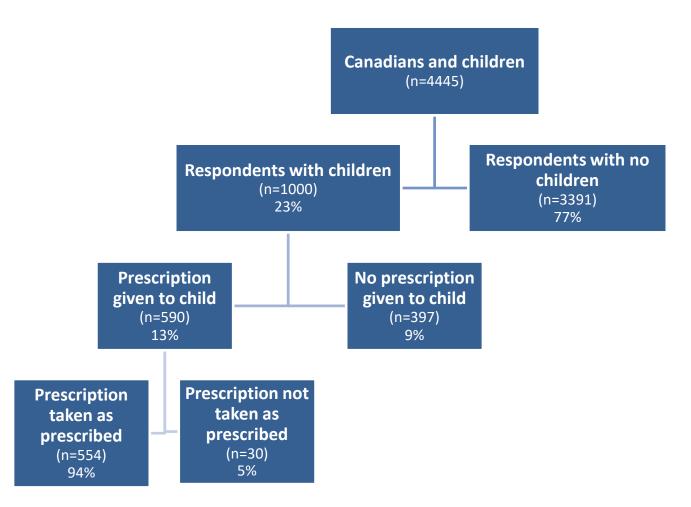
# **Canadians - Rollout**

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=4445, accurate 1.4 percentage points plus or minus, 19 times out of 20.



# **Canadians and children - Rollout**

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=4445, accurate 1.4 percentage points plus or minus, 19 times out of 20.

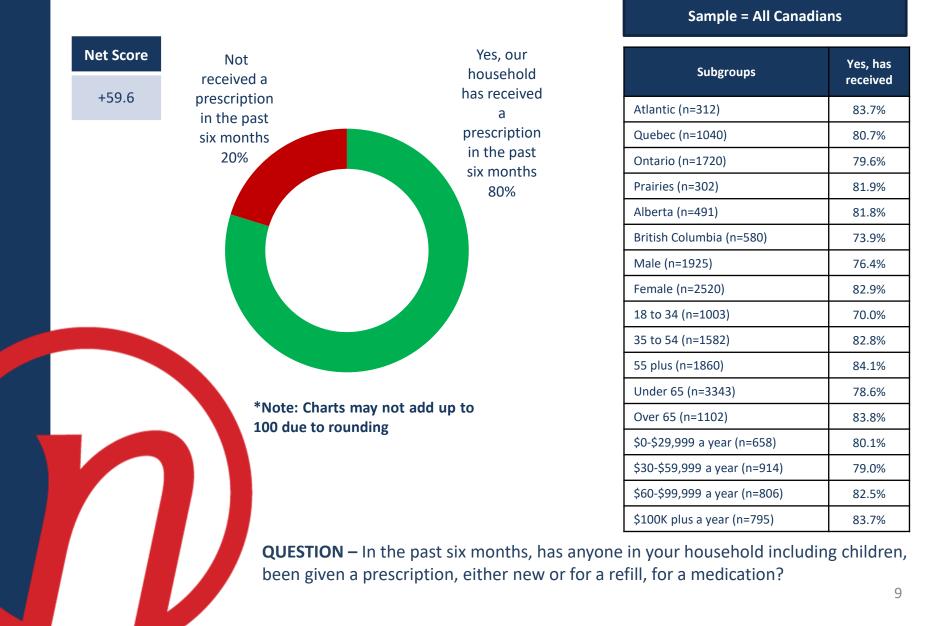


### **1.0 Prescription use in household**



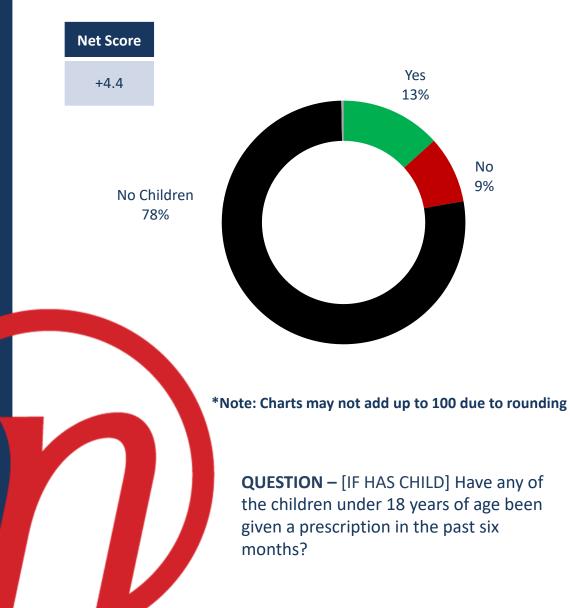
## Prescriptions in household

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=4445, accurate 1.4 percentage points plus or minus, 19 times out of 20.



# Prescriptions for children in household

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=4445, accurate 1.4 percentage points plus or minus, 19 times out of 20.

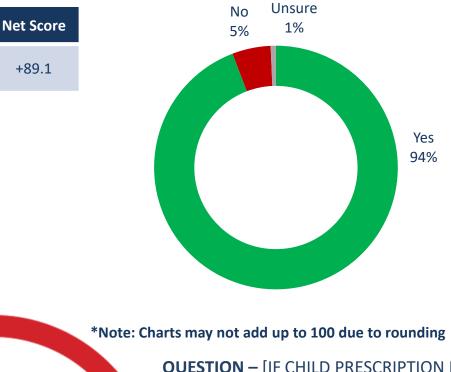


#### Sample = All Canadians

| Subgroups                    | Yes   |
|------------------------------|-------|
| Atlantic (n=312)             | 12.7% |
| Quebec (n=1040)              | 13.0% |
| Ontario (n=1720)             | 13.3% |
| Prairies (n=302)             | 9.8%  |
| Alberta (n=491)              | 17.8% |
| British Columbia (n=580)     | 11.9% |
| Male (n=1925)                | 12.0% |
| Female (n=2520)              | 14.5% |
| 18 to 34 (n=1003)            | 24.1% |
| 35 to 54 (n=1582)            | 18.3% |
| 55 plus (n=1860)             | 1.1%  |
| Under 65 (n=3343)            | 17.1% |
| Over 65 (n=1102)             | 0.3%  |
| \$0-\$29,999 a year (n=658)  | 6.9%  |
| \$30-\$59,999 a year (n=914) | 9.1%  |
| \$60-\$99,999 a year (n=806) | 15.7% |
| \$100K plus a year (n=795)   | 23.8% |

### Prescriptions for children taken as prescribed

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=555, accurate 4.2 percentage points plus or minus, 19 times out of 20.



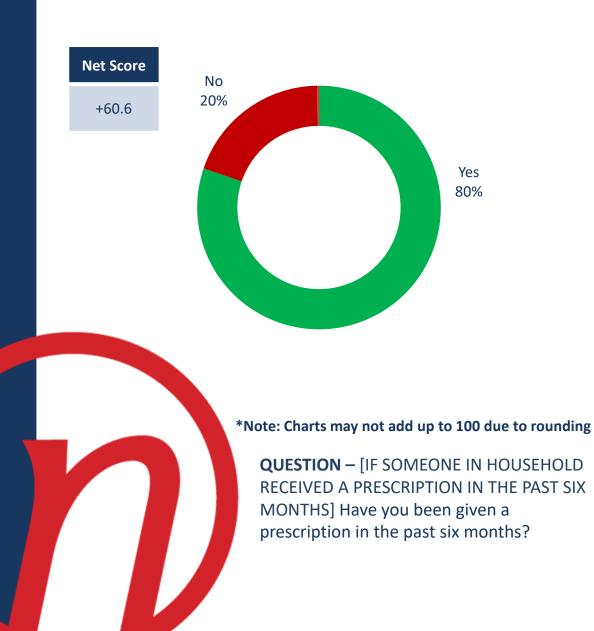
**QUESTION** – [IF CHILD PRESCRIPTION IN PAST 6 MONTHS] All prescriptions for children under 18 years of age were taken without exception as prescribed?

Please note that questions were asked following this question related to children not having taken medications as prescribed but the responding sample size of each was less than 30 and they have not been reported on. See the methodology for the questions and see the Appendix for the full questionnaire. Sample = Canadians with a child who has received a prescription in past 6 months

| Subgroups                    | Yes    |
|------------------------------|--------|
| Atlantic (n=35)              | 100.0% |
| Quebec (n=125)               | 93.2%  |
| Ontario (n=221)              | 93.9%  |
| Prairies (n=27)*             |        |
| Alberta (n=82)               | 91.6%  |
| British Columbia (n=65)      | 96.1%  |
| Male (n=215)                 | 94.3%  |
| Female (n=340)               | 94.1%  |
| 18 to 34 (n=245)             | 93.0%  |
| 35 to 54 (n=290)             | 95.8%  |
| 55 plus (n=20)*              |        |
| Under 65 (n=552)             | 94.3%  |
| Over 65 (n=3)*               |        |
| \$0-\$29,999 a year (n=40)   | 95.4%  |
| \$30-\$59,999 a year (n=76)  | 94.5%  |
| \$60-\$99,999 a year (n=124) | 95.7%  |
| \$100K plus a year (n=183)   | 93.6%  |

## Personal prescription use

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=3590, accurate 1.6 percentage points plus or minus, 19 times out of 20.

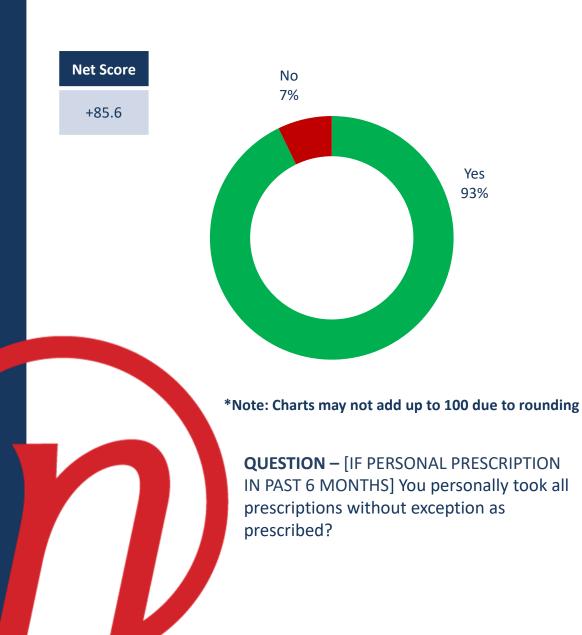


Sample = Those with someone in household who received prescription in past 6 months

| Subgroups                    | Yes   |
|------------------------------|-------|
| Atlantic (n=264)             | 84.7% |
| Quebec (n=845)               | 81.9% |
| Ontario (n=1388)             | 78.3% |
| Prairies (n=251)             | 85.4% |
| Alberta (n=409)              | 80.9% |
| British Columbia (n=433)     | 76.7% |
| Male (n=1485)                | 78.8% |
| Female (n=2105)              | 81.5% |
| 18 to 34 (n=707)             | 71.2% |
| 35 to 54 (n=1318)            | 75.4% |
| 55 plus (n=1565)             | 89.7% |
| Under 65 (n=2665)            | 76.6% |
| Over 65 (n=925)              | 91.6% |
| \$0-\$29,999 a year (n=532)  | 88.3% |
| \$30-\$59,999 a year (n=731) | 80.9% |
| \$60-\$99,999 a year (n=673) | 80.0% |
| \$100K plus a year (n=673)   | 74.0% |

### Personal prescriptions taken as prescribed

Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=2904, accurate 1.8 percentage points plus or minus, 19 times out of 20.

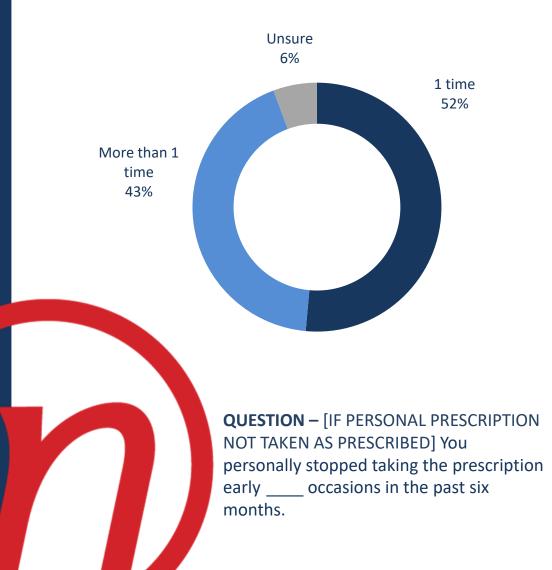


# Sample = Canadians who received a prescription in the past 6 months Subgroups Yes

| Subgroups                    | Yes   |
|------------------------------|-------|
| Atlantic (n=223)             | 95.7% |
| Quebec (n=699)               | 87.7% |
| Ontario (n=1096)             | 94.7% |
| Prairies (n=214)             | 93.1% |
| Alberta (n=335)              | 95.0% |
| British Columbia (n=337)     | 92.6% |
| Male (n=1181)                | 92.6% |
| Female (n=1723)              | 92.9% |
| 18 to 34 (n=503)             | 88.2% |
| 35 to 54 (n=998)             | 93.0% |
| 55 plus (n=1403)             | 94.7% |
| Under 65 (n=2057)            | 91.8% |
| Over 65 (n=847)              | 95.2% |
| \$0-\$29,999 a year (n=471)  | 93.6% |
| \$30-\$59,999 a year (n=595) | 91.9% |
| \$60-\$99,999 a year (n=543) | 92.2% |
| \$100K plus a year (n=504)   | 92.9% |

### Personal prescriptions stopped early

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=153, accurate 8.0 percentage points plus or minus, 19 times out of 20.

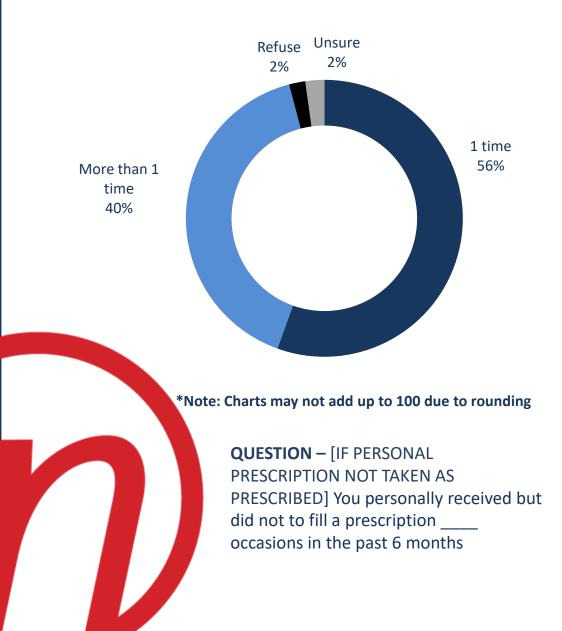


Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

| Subgroups                   | One time |
|-----------------------------|----------|
| Atlantic (n=7)*             |          |
| Quebec (n=65)               | 51.4%    |
| Ontario (n=41)              | 53.3%    |
| Prairies (n=13)*            |          |
| Alberta (n=11)*             |          |
| British Columbia (n=16)*    |          |
| Male (n=70)                 | 51.6%    |
| Female (n=83)               | 51.4%    |
| 18 to 34 (n=44)             | 50.3%    |
| 35 to 54 (n=52)             | 57.1%    |
| 55 plus (n=57)              | 47.5%    |
| Under 65 (n=121)            | 53.2%    |
| Over 65 (n=32)              | 44.2%    |
| \$0-\$29,999 a year (n=22)* |          |
| \$30-\$59,999 a year (n=34) | 41.7%    |
| \$60-\$99,999 a year (n=34) | 52.3%    |
| \$100K plus a year (n=24)*  |          |

### Personal prescriptions not filled

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=111, accurate 9.4 percentage points plus or minus, 19 times out of 20.

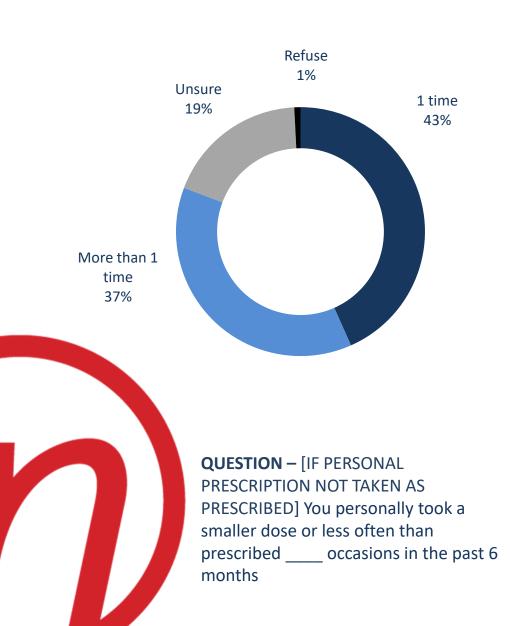


Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

| Subgroups                    | One time |
|------------------------------|----------|
| Atlantic (n=7)*              |          |
| Quebec (n=63)                | 48.7%    |
| Ontario (n=21)*              |          |
| Prairies (n=7)*              |          |
| Alberta (n=11)*              |          |
| British Columbia (n=8)*      |          |
| Male (n=43)                  | 49.6%    |
| Female (n=68)                | 59.8%    |
| 18 to 34 (n=30)*             |          |
| 35 to 54 (n=42)              | 52.9%    |
| 55 plus (n=39)               | 61.0%    |
| Under 65 (n=85)              | 56.3%    |
| Over 65 (n=26)*              |          |
| \$0-\$29,999 a year (n=14)*  |          |
| \$30-\$59,999 a year (n=27)* |          |
| \$60-\$99,999 a year (n=27)* |          |
| \$100K plus a year (n=18)*   |          |

### Smaller doses for personal prescription

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=145, accurate 8.3 percentage points plus or minus, 19 times out of 20.



Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

| Subgroups                    | One time |
|------------------------------|----------|
| Atlantic (n=7)*              |          |
| Quebec (n=70)                | 53.0%    |
| Ontario (n=35)               | 32.9%    |
| Prairies (n=7)*              |          |
| Alberta (n=8)*               |          |
| British Columbia (n=18)*     |          |
| Male (n=60)                  | 45.2%    |
| Female (n=85)                | 41.9%    |
| 18 to 34 (n=40)              | 52.2%    |
| 35 to 54 (n=49)              | 48.1%    |
| 55 plus (n=56)               | 30.6%    |
| Under 65 (n=114)             | 44.3%    |
| Over 65 (n=31)               | 39.7%    |
| \$0-\$29,999 a year (n=21)*  |          |
| \$30-\$59,999 a year (n=38)  | 45.4%    |
| \$60-\$99,999 a year (n=27)* |          |
| \$100K plus a year (n=23)*   |          |

### Personal prescriptions not taken as prescribed

Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=2904, accurate 1.8 percentage points plus or minus, 19 times out of 20.

|   | Νο   |
|---|--|
| You personally took all prescriptions without exception as prescribed                 | n=206                                      |
|   | At least 1 occasion in the last six months |
| You personally stopped taking the prescription early in the past six months.          | n=148                                      |
| You personally received but did not to fill a prescription in the past 6 months       | n=107                                      |
| You personally took a smaller dose or less often than prescribed in the past 6 months | n=118                                      |

**QUESTION** – [IF PERSONAL PRESCRIPTION IN PAST 6 MONTHS] You personally took all prescriptions without exception as prescribed?

### Personal prescriptions not taken as prescribed

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=174, accurate 1.8 percentage points plus or minus, 19 times out of 20.

|   | Frequency<br>(n=174) |
|---|----------------------|
| Has not taken as prescribed in <u>ONE</u> of the following ways:<br>took a smaller dose OR did not fill OR stopped taking early                 | 30.3%                |
| Has not taken as prescribed in <b><u>TWO</u> of the following ways:</b><br>took a smaller dose OR did not fill OR stopped taking early          | 30.4%                |
| Has not taken as prescribed in all <u><b>THREE</b></u> of the following<br>ways: took a smaller dose OR did not fill OR stopped taking<br>early | 39.4%                |
| *Deced on mu  |                      |

\*Based on multiple mentions

**QUESTION** – [IF PERSONAL PRESCRIPTION NOT TAKEN AS PRESCRIBED] You personally stopped taking the prescription early \_\_\_\_\_\_ occasions in the past six months.

**QUESTION** – [IF PERSONAL PRESCRIPTION NOT TAKEN AS PRESCRIBED] You personally received but did not to fill a prescription \_\_\_\_\_ occasions in the past 6 months

**QUESTION** – [IF PERSONAL PRESCRIPTION NOT TAKEN AS PRESCRIBED] You personally took a smaller dose or less often than prescribed \_\_\_\_\_ occasions in the past 6 months

# Reasons for personal prescriptions

Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=178, accurate 7.4 percentage points plus or minus, 19 times out of 20.

| Top responses           | Frequency<br>(n=178)* |
|-------------------------|-----------------------|
| Pain medication         | 20.6%                 |
| Antibiotics             | 13.2%                 |
| Digestive issues        | 10.3%                 |
| Depression              | 9.3%                  |
| Anti-inflammatory       | 9.1%                  |
| Anxiety                 | 5.3%                  |
| Allergies               | 4.9%                  |
| Cholesterol             | 4.7%                  |
| Sleep aids              | 4.6%                  |
| Medication for diabetes | 4.5%                  |
| Blood pressure          | 4.4%                  |
| Refuse                  | 7.0%                  |
| Unsure                  | 0.6%                  |

Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

\*Based on multiple mentions

**QUESTION** – [IF PERSONAL PRESCRIPTION IN PAST 6 MONTHS AND NOT TAKEN AS PRESCRIBED] In general, what were those prescriptions for? [Open-ended]

### Reasons for personal prescriptions - grouped

Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=178, accurate 7.4 percentage points plus or minus, 19 times out of 20.

| Top responses                              | Frequency<br>(n=178)* |
|--|-----------------------|
| Take as needed medications                 | 64.1%                 |
| Medications for serious chronic conditions | 30.5%                 |
| Medications to help quality of life        | 13.9%                 |
| Can't recall/unsure                        | 1.2%                  |
| Refuse                                     | 7.1%                  |
| Other                                      | 5.0%                  |

Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

\*Based on multiple mentions

**QUESTION** – [IF PERSONAL PRESCRIPTION IN PAST 6 MONTHS AND NOT TAKEN AS PRESCRIBED] In general, what were those prescriptions for? [Open-ended]

### Reasons for not taking personal prescription as prescribed

Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=191, accurate 7.2 percentage points plus or minus, 19 times out of 20.

|                                  | Frequency<br>(n=191) |
|----------------------------------|----------------------|
| No longer needed it              | 33.0%                |
| Side effects                     | 18.2%                |
| Too expensive/couldn't afford it | 7.2%                 |
| Forgot/forgetful                 | 7.0%                 |
| I take it only when needed       | 5.2%                 |
| Allergic reaction                | 2.9%                 |
| Medication was changed           | 2.9%                 |
| Did not help my issues           | 2.5%                 |
| Meds were too strong             | 2.3%                 |
| I did not want to take it        | 2.0%                 |
| I prefer natural medicines       | 1.5%                 |
| No reason                        | 0.9%                 |
| Other                            | 0.5%                 |
| Unsure                           | 0.5%                 |
| Refuse                           | 13.6%                |
|                                  |                      |

Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

Please note that following this question, a question regarding the cost of prescriptions was asked of those who indicated prescriptions were not taken as prescribed due to cost, but the responding sample size was less than 30 and they have not been reported on. See the methodology for the question and see the Appendix for the full questionnaire.

**QUESTION** – [IF PERSONAL PRESCRIPTION NOT TAKEN AS PRESCRIBED] What was the one reason for [not filling/stopping early/taking a smaller dose of] your personal prescription on any occasion. [Open-ended]

#### Reasons for not taking personal prescription as prescribed - Grouped

Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=191, accurate 7.2 percentage points plus or minus, 19 times out of 20.

|  | Frequency<br>(n=191) |
|--|----------------------|
| No longer needed it                                  | 33.0%                |
| Side effects/Allergic reaction/ Meds were too strong | 23.4%                |
| Too expensive/couldn't afford it                     | 7.2%                 |
| Forgot/forgetful                                     | 7.0%                 |
| I take it only when needed                           | 5.2%                 |
| Medication was changed                               | 2.9%                 |
| Did not help my issues                               | 2.5%                 |
| I did not want to take it                            | 2.0%                 |
| I prefer natural medicines                           | 1.5%                 |
| No reason  | 0.9%                 |
| Other  | 0.5%                 |
| Unsure   | 0.5%                 |
| Refuse   | 13.6%                |

Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

Please note that following this question, a question regarding the cost of prescriptions was asked of those who indicated prescriptions were not taken as prescribed due to cost, but the responding sample size was less than 30 and they have not been reported on. See the methodology for the question and see the Appendix for the full questionnaire.

**QUESTION** – [IF PERSONAL PRESCRIPTION NOT TAKEN AS PRESCRIBED] What was the one reason for [not filling/stopping early/taking a smaller dose of] your personal prescription on any occasion. [Open-ended]

### **2.0 Prescription medicine expenses**



## Personal expenses on prescriptions

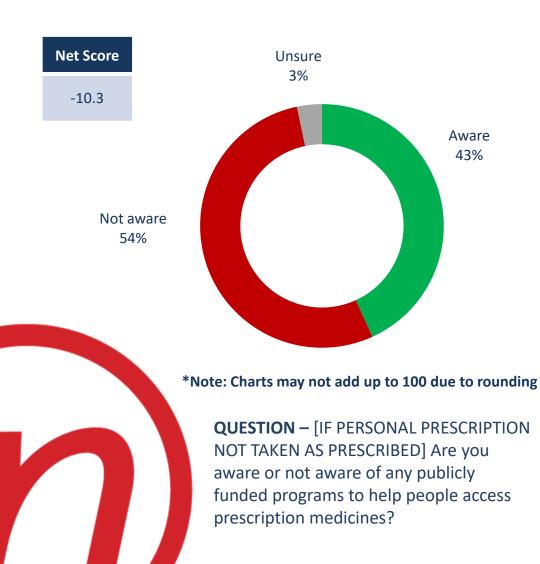
Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=147 accurate 8.2 percentage points plus or minus, 19 times out of 20.

| Mean     | Median   | Ten most frequent<br>responses | Frequency<br>(n=147) | Sample = Canadians who received a prescription in the past six months and did |                 |  |  |  |  |
|----------|----------|--------------------------------|----------------------|---|-----------------|--|--|--|--|
| \$270.35 | \$100.00 | \$100                          | 13.4%                | not take it as press  | cribed          |  |  |  |  |
|          |          | \$200                          | 10.9%                | Subgroups   | Mean            |  |  |  |  |
|          |          | \$50                           | 9.6%                 | Under 65 (n=150)  | \$281.86        |  |  |  |  |
|          |          | \$30                           | 9.5%                 | Over 65 (n=41)  | \$224.49        |  |  |  |  |
|          |          | \$300                          | 6.6%                 | \$0-\$29,999 a year (n=30)*   |                 |  |  |  |  |
|          |          | \$20                           | 6.5%                 | \$30-\$59,999 a year (n=47)   | \$205.19        |  |  |  |  |
|          |          | \$150                          | 3.9%                 | \$60-\$99,999 a year (n=41)   | \$306.64        |  |  |  |  |
|          |          | \$600                          | 2.3%                 | \$100K plus a year (n=34)   | \$330.96        |  |  |  |  |
|          |          | \$80                           | 2.2%                 | *Masked due to sample size b  | eing 30 or less |  |  |  |  |
|          |          | \$500                          | 2.2%                 |   |                 |  |  |  |  |
|          |          |                                |                      |   |                 |  |  |  |  |

**QUESTION** – [IF PERSONAL PRESCRIPTION NOT TAKEN AS PRESCRIBED] In the past six months, about how much was spent in total, at your own expense, on prescription medicines? [Open-ended]

### Awareness of publicly funded prescription programs

Source: Nanos Research, RDD dual frame telephone random survey, May 27th to July 10th, 2017, n=203, accurate 7.0 percentage points plus or minus, 19 times out of 20.



Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

| Subgroups                   | Aware |
|-----------------------------|-------|
| Atlantic (n=10)*            |       |
| Quebec (n=83)               | 37.4% |
| Ontario (n=55)              | 38.3% |
| Prairies (n=15)*            |       |
| Alberta (n=15)*             |       |
| British Columbia (n=25)*    |       |
| Male (n=85)                 | 44.3% |
| Female (n=118)              | 42.2% |
| 18 to 34 (n=59)             | 40.6% |
| 35 to 54 (n=68)             | 41.9% |
| 55 plus (n=76)              | 47.2% |
| Under 65 (n=161)            | 42.7% |
| Over 65 (n=42)              | 45.5% |
| \$0-\$29,999a year (n=30)*  |       |
| \$30-\$59,999 a year (n=47) | 32.5% |
| \$60-\$99,999 a year (n=41) | 56.6% |
| \$100K plus a year (n=34)   | 46.9% |

### Health benefit plan coverage

Source: Nanos Research, RDD dual frame telephone random survey, May 27<sup>th</sup> to July 10<sup>th</sup>, 2017, n=203, accurate 7.0 percentage points plus or minus, 19 times out of 20.

|   | Frequency<br>(n=203) |
|---|----------------------|
| I am covered through a work health benefit plan which is either my own or someone in my family  | 44.6%                |
| My prescription medicines are paid for by a government public plan but I am not a government employee   | 18.4%                |
| I have health plan benefits and coverage through a union or professional association  | 12.8%                |
| <u>I have no health plan coverage</u> and all the time have to pay for the full price of any prescription I need  | 11.8%                |
| I have health plan benefits and coverage which has been purchased, at our own expense through an insurance carrier  | 8.1%                 |
| Other   | 0.8%                 |
| Refuse  | 3.4%                 |
|   | Frequency<br>(n=203) |
| I am covered through a work health benefit plan <b>OR</b> I have health plan benefits and coverage through a union or professional association <b>OR</b> I have health plan benefits and coverage which has been purchased, at our own expense through an insurance carrier | 65.5%                |
|   |                      |

#### \*Note: Charts may not add up to 100 due to rounding

**QUESTION** – [IF PERSONAL PRESCRIPTION NOT TAKEN AS PRESCRIBED] I am going to read a series of statements about your health benefit plan coverage and I would like you to tell me which best describes you [RANDOMIZE]

Please note that following this question, a question regarding reasons for not having insurance or government benefits was asked, but the responding sample size of each was less than 30 and they have not been reported on. See the methodology for the question and see the Appendix for the full questionnaire. Sample = Canadians who received a prescription in the past six months and did not take it as prescribed

| Subgroups                   | Work health<br>benefit plan |
|-----------------------------|-----------------------------|
| Atlantic (n=10)*            |                             |
| Quebec (n=83)               | 46.2%                       |
| Ontario (n=55)              | 39.6%                       |
| Prairies (n=15)*            |                             |
| Alberta (n=15)*             |                             |
| British Columbia (n=25)*    |                             |
| Male (n=85)                 | 45.8%                       |
| Female (n=118)              | 43.6%                       |
| 18 to 34 (n=59)             | 51.0%                       |
| 35 to 54 (n=68)             | 63.0%                       |
| 55 plus (n=76)              | 20.6%                       |
| Under 65 (n=161)            | 52.6%                       |
| Over 65 (n=42)              | 8.7%                        |
| \$0-\$29,999a year (n=30)*  |                             |
| \$30-\$59,999 a year (n=47) | 37.6%                       |
| \$60-\$99,999 a year (n=41) | 60.9%                       |
| \$100K plus a year (n=34)   | 63.4%                       |



# Methodology

Nanos conducted an RDD dual frame (land- and cell-lines) random telephone survey of 4,445 Canadians, 18 years of age or older, between May 27<sup>th</sup> and July 10<sup>th</sup>, 2017. Participants were randomly recruited by telephone using live agents and administered a survey. The results were statistically checked and weighted by age and gender using the latest Census information and the sample is geographically stratified to be representative of Canada.

Individuals were randomly called using random digit dialing with a maximum of five call backs.

The margin of error for a random survey of 4,445 Canadians is ±1.4 percentage points, 19 times out of 20.

The research was commissioned by Innovative Medicines Canada and the Canadian Life and Health Insurance Association (CLHIA)

Note: Charts may not add up to 100 due to rounding.

# Methodology

The following questions received fewer than 30 responses:

**Question 5** - [IF CHILD RECEIVED PRESCRIPTION IN PAST SIX MONTHS AND PRESCRIPTION WAS NOT TAKEN AS PRESCRIBED] A child under 18 years of age received a prescription but the prescription was not filled (occasions in the past 6 months) [OPEN]

**Question 6** - [IF CHILD RECEIVED PRESCRIPTION IN PAST SIX MONTHS AND PRESCRIPTION WAS NOT TAKEN AS PRESCRIBED] A child under 18 years of age stopped take a prescriptions early (occasions in the past 6 months) [OPEN]

**Question 7** - [IF CHILD RECEIVED PRESCRIPTION IN PAST SIX MONTHS AND PRESCRIPTION WAS NOT TAKEN AS PRESCRIBED] A child under 18 years of age took a smaller dose of the medication or less than prescribed (occasions in the past 6 months) [OPEN]

**Question 8** – [IF CHILD RECEIVED PRESCRIPTION IN PAST SIX MONTHS AND CHILD'S PRESCRIPTION WAS NOT FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] In general, what were those prescriptions for? [OPEN]

**Question 11** – [IF CHILD RECEIVED PRESCRIPTION IN PAST SIX MONTHS AND CHILD'S PRESCRIPTION WAS NOT FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] What was the one reason for [not filling/stopping early/taking a smaller dose of] the prescription of the child under 18 years of age on any occasion? [OPEN]

**Question 12** - [IF COST IS THE REASON A CHILD'S PRESCRIPTION WAS NOT FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] How much did that prescription cost to you or your family excluding any portion of the cost paid by a private drug plan? [OPEN]

**Question 22 -** [IF COST IS THE REASON FOR PRESCRIPTION FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] - How much did that prescription cost to you or your family (excluding any portion of the cost paid by a private drug plan)? [OPEN]

**Question 26** - [IF PRESCRIPTION WAS NOT FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN AND NO INSURANCE FOR PRESCRIPTION MEDICINES] Why do you not have any insurance or government benefits for prescription medication? [OPEN]

# **Technical Note**

| Element                                    | Description  | Element                    | Description   |
|--|--|----------------------------|---|
| Organization who commissioned the research | Innovative Medicines Canada and CLHIA  | Weighting of Data          | The results were weighted by age and gender using the latest<br>Census information (2014) and the sample is geographically<br>stratified to ensure a distribution across all regions of Canada.<br>See tables for full weighting disclosure                 |
| Final Sample Size                          | 4,445 Randomly selected individuals.   | Screening                  | Screening ensured potential respondents did not work in the market research industry or in the advertising industry prior to  |
| Margin of Error                            | ±1.4 percentage points, 19 times out of 20.  |                            | administering the survey to ensure the integrity of the data.   |
| Mode of Survey                             | RDD dual frame (land- and cell-lines) telephone survey   | Excluded<br>Demographics   | Individuals younger than 18 years old; individuals without land or cell lines could not participate.  |
| Sampling Method Base                       | The sample included both land- and cell-lines RDD (Random Digit Dialed) across Canada.   | Stratification             | By age and gender using the latest Census information (2014) and<br>the sample is geographically stratified to be representative of<br>Canada. Smaller areas such as Atlantic Canada were marginally<br>oversampled to allow for a minimum regional sample. |
|  |  | Estimated<br>Response Rate | Eight percent, consistent with industry norms.  |
| Demographics (Captured)                    | Atlantic Canada, Quebec, Ontario, Prairies, British<br>Columbia; Men and Women; 18 years and older.<br>Six digit postal code was used to validate geography. | Question Order             | Question order in the preceding report reflects the order in which they appeared in the original questionnaire.   |
| Fieldwork/Validation                       | Live interviews with live supervision to validate work as per the MRIA Code of Conduct   | Question Content           | Data with more than 30 respondents in the sample are in the report. Please see the methodology for a complete list of the questions excluded from the report due to small sample sizes,   |
| Number of Calls                            | Maximum of five call backs.  |                            | and see the Appendix B for the full questionnaire.  |
| Time of Calls                              | Individuals were called between 12-5:30 pm and 6:30-   | Question Wording           | The questions in the preceding report are written exactly as they were asked to individuals.  |
| Time of Calls                              | 9:30pm local time for the respondent.  | Survey Company             | Nanos Research  |
| Field Dates                                | May 27 <sup>th</sup> to July 10 <sup>th</sup> , 2017.  |                            | Contact Nanos Research for more information or with any concerns or questions.  |
| Language of Survey                         | The survey was conducted in both English and French.   | Contact                    | http://www.nanosresearch.com<br>Telephone:(613) 234-4666 ext.<br>Email: info@nanosresearch.com.   |

# **About Nanos**

Nanos is one of North America's most trusted research and strategy organizations. Our team of professionals is regularly called upon by senior executives to deliver superior intelligence and market advantage whether it be helping to chart a path forward, managing a reputation or brand risk or understanding the trends that drive success. Services range from traditional telephone surveys, through to elite in-depth interviews, online research and focus groups. Nanos clients range from Fortune 500 companies through to leading advocacy groups interested in understanding and shaping the public landscape. Whether it is understanding your brand or reputation, customer needs and satisfaction, engaging employees or testing new ads or products, Nanos provides insight you can trust.





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# **Tabulations**

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|  |       |         |                |          |        | Region  |          |         | Gen  | der  | Age    |          |          |         |
|--|-------|---------|----------------|----------|--------|---------|----------|---------|------|------|--------|----------|----------|---------|
|  |       |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC   | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 1 - In the past six months, has anyone in your    | Total | Unwgt N | 4445           | 312      | 1040   | 1720    | 302      | 491     | 580  | 1925 | 2520   | 1003     | 1582     | 1860    |
| household, including<br>children, been given a             |       | Wgt N   | 4444           | 312      | 1041   | 1719    | 302      | 491     | 580  | 2148 | 2296   | 1212     | 1515     | 1717    |
| prescription, either new or for a refill for a medication? | Yes   | %       | 79.8           | 83.7     | 80.7   | 79.6    | 81.9     | 81.8    | 73.9 | 76.4 | 82.9   | 70.0     | 82.8     | 84.1    |
|  | No    | %       | 20.2           | 16.3     | 19.3   | 20.4    | 18.1     | 18.2    | 26.1 | 23.6 | 17.1   | 30.0     | 17.2     | 15.9    |

|  |                     |         |                | Region   |        |         |          |         |      |      |        |          | Age      |         |
|--|---------------------|---------|----------------|----------|--------|---------|----------|---------|------|------|--------|----------|----------|---------|
|  |                     |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC   | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 2 - How many children under 18 years of | Total               | Unwgt N | 4445           | 312      | 1040   | 1720    | 302      | 491     | 580  | 1925 | 2520   | 1003     | 1582     | 1860    |
| age are in your household?<br>[OPEN]             |                     | Wgt N   | 4444           | 312      | 1041   | 1719    | 302      | 491     | 580  | 2148 | 2296   | 1212     | 1515     | 1717    |
| []   | No/zero<br>children | %       | 76.3           | 79.5     | 76.7   | 76.1    | 80.0     | 67.9    | 79.7 | 78.0 | 74.7   | 59.5     | 67.6     | 95.9    |
|  | One child           | %       | 8.8            | 8.4      | 8.6    | 9.2     | 5.7      | 11.5    | 7.5  | 8.5  | 9.1    | 12.2     | 14.2     | 1.6     |
|  | Two<br>children     | %       | 9.2            | 7.5      | 9.8    | 8.9     | 7.2      | 12.3    | 8.8  | 8.5  | 10.0   | 17.7     | 11.9     | .9      |
|  | Three<br>children   | %       | 3.3            | 2.6      | 3.1    | 3.3     | 3.7      | 5.0     | 2.2  | 2.9  | 3.6    | 6.5      | 3.9      | .4      |
|  | Four<br>children    | %       | 1.2            | 1.5      | 1.4    | 1.0     | .6       | 2.2     | .6   | 1.1  | 1.3    | 2.6      | 1.3      | .1      |
|  | Refuse              | %       | 1.2            | .6       | .5     | 1.4     | 2.7      | 1.2     | 1.2  | 1.0  | 1.3    | 1.4      | 1.1      | 1.1     |

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 4445 Canadians, 18 years of age or older, between May 27<sup>th</sup> to July 10<sup>th</sup>, 2017. The margin of error for a random survey of 4445 Canadians is ±1.4 percentage points, 19 times out of 20. Subsamples with less than 30 responses have been masked.

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|   |            |         |                | Region   |        |         |          |         |      |      | der    | Age      |          |         |
|---|------------|---------|----------------|----------|--------|---------|----------|---------|------|------|--------|----------|----------|---------|
|   |            |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC   | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 3 - [IF ONE OR<br>MORE CHILDREN] Have any    | Total      | Unwgt N | 4445           | 312      | 1040   | 1720    | 302      | 491     | 580  | 1925 | 2520   | 1003     | 1582     | 1860    |
| of the children under 18<br>years of age been given a |            | Wgt N   | 4444           | 312      | 1041   | 1719    | 302      | 491     | 580  | 2148 | 2296   | 1212     | 1515     | 1717    |
| prescription in the past six months?                  | 0 children | %       | 77.5           | 80.1     | 77.2   | 77.5    | 82.8     | 69.1    | 80.9 | 79.1 | 76.0   | 60.9     | 68.6     | 97.0    |
|   | Yes        | %       | 13.3           | 12.7     | 13.0   | 13.3    | 9.8      | 17.8    | 11.9 | 12.0 | 14.5   | 24.1     | 18.3     | 1.1     |
|   | No         | %       | 8.9            | 6.4      | 9.8    | 8.8     | 7.5      | 12.8    | 6.8  | 8.7  | 9.2    | 14.5     | 12.5     | 1.8     |
|   | Unsure     | %       | .3             | .8       | .0     | .4      | .0       | .4      | .4   | .3   | .3     | .4       | .5       | .0      |

|   |        |         |                | Region   |        |         |          |         |      |      | der    |          | Age      |         |
|---|--------|---------|----------------|----------|--------|---------|----------|---------|------|------|--------|----------|----------|---------|
|   |        |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC   | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 4 - [IF CHILD<br>RECEIVED PRESCRIPTION IN    | Total  | Unwgt N | 555            | 35       | 125    | 221     | 27       | 82      | 65   | 215  | 340    | 245      | 290      | 20      |
| PAST SIX MONTHS] All<br>prescriptions for children    |        | Wgt N   | 588            | 40       | 134    | 228     | 29       | 87      | 69   | 257  | 331    | 292      | 277      | 19      |
| under 18 years of age were taken without exception as | Yes    | %       | 94.2           | 100.0    | 93.2   | 93.9    |          | 91.6    | 96.1 | 94.3 | 94.1   | 93.0     | 95.8     |         |
| prescribed?   | No     | %       | 5.1            | .0       | 6.8    | 5.0     |          | 8.4     | 1.3  | 5.2  | 5.0    | 6.1      | 3.9      |         |
|   | Unsure | %       | .7             | .0       | .0     | 1.1     |          | .0      | 2.5  | .5   | .9     | .9       | .3       |         |

\*Masked due to small sample size.

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 4445 Canadians, 18 years of age or older, between May 27<sup>th</sup> to July 10<sup>th</sup>, 2017. The margin of error for a random survey of 4445 Canadians is ±1.4 percentage points, 19 times out of 20. Subsamples with less than 30 responses have been masked.

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|  |           |         |                | Region   |        |         |          |         |    |      | Gender |          |          |         |
|--|-----------|---------|----------------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|  |           |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 5 - [IF CHILD<br>RECEIVED PRESCRIPTION IN   | Total     | Unwgt N | 15             | 0        | 7      | 6       | 0        | 1       | :  | 1 7  | 8      | 9        | 6        | 0       |
| PAST SIX MONTHS AND PRESCRIPTION WAS NOT   |           | Wgt N   | 17             | 0        | 8      | 6       | 0        | 1       | :  | 1 9  | 8      | 11       | 6        | 0       |
| TAKEN AS PRESCRIBED] A<br>child under 18 years of age<br>received a prescription but<br>the prescription was not | 1         | %       |                |          |        |         |          |         |    |      |        |          |          |         |
|  | 2         | %       |                |          |        |         |          |         |    |      |        |          |          |         |
| filled (occasions in the past 6<br>months) [OPEN]  | 4         | %       |                |          |        |         |          |         |    |      |        |          |          |         |
|  | Unsure    | %       |                |          |        |         |          |         |    |      |        |          |          |         |
|  | No answer | %       |                |          |        |         |          |         |    |      |        |          |          |         |

\*Masked due to small sample size.

|  |        |         | -              | Region   |        |         |          |         |    |      | der    | Age      |          |         |
|--|--------|---------|----------------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|  |        |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 6 - [IF CHILD<br>RECEIVED PRESCRIPTION IN             | Total  | Unwgt N | 21             | 0        | 6      | 7       | 1        | 7       | 0  | 8    | 13     | 12       | 8        | 1       |
| PAST SIX MONTHS AND<br>PRESCRIPTION WAS NOT                    |        | Wgt N   | 23             | 0        | 7      | 7       | 1        | 7       | 0  | 10   | 13     | 14       | 7        | 1       |
| TAKEN AS PRESCRIBED] A child under 18 years of age             | 1      | %       |                |          |        |         |          |         |    |      |        |          |          |         |
| stopped take a prescriptions<br>early (occasions in the past 6 | 2      | %       |                |          |        |         |          |         |    |      |        |          |          |         |
| months) [OPEN]   | Unsure | %       |                |          |        |         |          |         |    |      |        |          |          |         |

\*Masked due to small sample size.

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 4445 Canadians, 18 years of age or older, between May 27<sup>th</sup> to July 10<sup>th</sup>, 2017. The margin of error for a random survey of 4445 Canadians is ±1.4 percentage points, 19 times out of 20. Subsamples with less than 30 responses have been masked.

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|  |        |         | Region         |          |        |         |          |         |    | Gender |      |        | Age      |          |         |
|--|--------|---------|----------------|----------|--------|---------|----------|---------|----|--------|------|--------|----------|----------|---------|
|  |        |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC |        | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 7 - [IF CHILD<br>RECEIVED PRESCRIPTION IN<br>PAST SIX MONTHS AND<br>PRESCRIPTION WAS NOT<br>TAKEN AS PRESCRIBED] A<br>child under 18 years of age<br>took a smaller dose of the<br>medication or less than<br>prescribed (occasions in the<br>past 6 months) [OPEN] | Total  | Unwgt N | 14             | 0        | 7      | 3       | 1        | 3       |    | 0      | 7    | 7      | 8        | 6        | -       |
|  |        | Wgt N   | 15             | 0        | 8      | 3       | 1        | 3       |    | 0      | 9    | 7      | 10       | 6        |         |
|  | 1      | %       |                |          |        |         |          |         |    |        |      |        |          |          |         |
|  | 2      | %       |                |          |        |         |          |         |    |        |      |        |          |          |         |
|  | 10     | %       |                |          |        |         |          |         |    |        |      |        |          |          |         |
|  | 30     | %       |                |          |        |         |          |         |    |        |      |        |          |          |         |
|  | Unsure | %       |                |          |        |         |          |         |    |        |      |        |          |          |         |

\*Masked due to small sample size.

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 4445 Canadians, 18 years of age or older, between May 27<sup>th</sup> to July 10<sup>th</sup>, 2017. The margin of error for a random survey of 4445 Canadians is ±1.4 percentage points, 19 times out of 20. Subsamples with less than 30 responses have been masked.



|                                    |                     |         |                |          |        | Region  |          | <u>_</u> |    | G    | ender  |          | Age      |         |
|------------------------------------|---------------------|---------|----------------|----------|--------|---------|----------|----------|----|------|--------|----------|----------|---------|
|                                    |                     |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta  | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 8 – [IF<br>CHILD RECEIVED | Total               | Unwgt N | 22             | 0        | 8      | 7       | 1        | 5        |    | 1 8  | 3 14   | 12       | 10       | 0       |
| PRESCRIPTION<br>IN PAST SIX        |                     | Wgt N   | 23             | 0        | 9      | 7       | 1        | 5        |    | 1 10 | ) 14   | 14       | 9        | 0       |
| MONTHS AND<br>CHILD'S              | Vitamin deficiency  | %       |                |          |        |         |          |          |    |      |        |          |          |         |
| PRESCRIPTION<br>WAS NOT            | Antibiotics         | %       |                |          |        |         |          |          |    |      |        |          |          |         |
| FILLED/STOPPED<br>EARLY/           | Asthma              | %       |                |          |        |         |          |          |    |      |        |          |          |         |
| SMALLER DOSE<br>TAKEN] In          | ADHD                | %       |                |          |        |         |          |          |    |      |        |          |          |         |
| general, what<br>were those        | Acne medication     | %       |                |          |        |         |          |          |    |      |        |          |          |         |
| prescriptions<br>for? [OPEN]       | Migraines           | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Ear infection       | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Skin condition/rash | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Dyslexia            | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Mosquito bite       | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Chronic disease     | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Buccal infection    | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Lung infection      | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | As a precaution     | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Anti-depressants    | %       |                |          |        |         |          |          |    |      |        |          |          |         |
|                                    | Tonsils             | %       |                |          |        |         |          |          |    |      |        |          |          |         |



|             |   |                |          | -      | Region  |          | <u> </u> |    | Ge   | nder   | -        | Age      | -       |
|-------------|---|----------------|----------|--------|---------|----------|----------|----|------|--------|----------|----------|---------|
|             |   | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta  | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Cold relief | % |                |          |        |         |          |          |    |      |        |          |          |         |
| Allergies   | % |                |          |        |         |          |          |    |      |        |          |          |         |
| Refuse      | % |                |          |        |         |          |          |    |      |        |          |          |         |

\*Masked due to small sample size.



|  |   | -       |         |          |        | Region  |          |         |    | Ger  | nder   |          | Age      |         |
|--|---|---------|---------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|  |   |         | Canada  |          |        |         |          |         |    |      |        |          |          |         |
|  |   |         | 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 11 – [IF CHILD<br>RECEIVED PRESCRIPTION   | Total   | Unwgt N | 28      | 0        | 8      | 11      | 1        | 7       | 1  | 11   | 17     | 15       | 12       | 1       |
| IN PAST SIX MONTHS AND<br>CHILD'S PRESCRIPTION   |   | Wgt N   | 30      | 0        | 9      | 11      | 1        | 7       | 1  | 13   | 16     | 18       | 11       | 1       |
| WAS NOT FILLED/STOPPED<br>EARLY/ SMALLER DOSE  | Forgot/forgetful                                | %       |         |          |        |         |          |         |    |      |        |          |          |         |
| TAKEN] What was the one<br>reason for [not   | We already had some                             | %       |         |          |        |         |          |         |    |      |        |          |          |         |
| filling/stopping   | Wrong diagnosis                                 | %       |         |          |        |         |          |         |    |      |        |          |          |         |
| early/taking a smaller dose<br>of] the prescription of the<br>child under 18 years of age<br>on any occasion? [OPEN] | Their condition<br>improved/no longer<br>needed | %       |         |          |        |         |          |         |    |      |        |          |          |         |
| ,  | To see how they would<br>respond                | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|  | Child chose not to take it                      | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|  | Doctor recommendation                           | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|  | It was not working                              | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|  | Allergic reaction to<br>medication              | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|  | It was unnecessary                              | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|  | Unsure  | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|  | Refuse  | %       |         |          |        |         |          |         |    |      |        |          |          |         |

\*Masked due to small sample size.



Question 12 – [IF COST IS THE REASON A CHILD'S PRESCRIPTION WAS NOT FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] How much did that prescription cost to you or your family excluding any portion of the cost paid by a private drug plan? [OPEN] \* Region

| Mean   |  |
|--------|--|
|        | Question 12 - [IF COST IS THE REASON A CHILD'S PRESCRIPTION WAS NOT                      |
|        | FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] How much did that prescription cost to         |
| Region | you or your family excluding any portion of the cost paid by a private drub plan? [OPEN] |
|        |  |
| Quebec |  |
| Total  |  |
|        |  |

\*Masked due to small sample size.

Question 12 - [IF COST IS THE REASON A CHILD'S PRESCRIPTION WAS NOT FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] How much did that prescription cost to you or your family excluding any portion of the cost paid by a private drug plan? [OPEN] \* Gender

#### Mean

 Question 12 - [IF COST IS THE REASON A CHILD'S PRESCRIPTION WAS NOT

 FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] How much did that prescription cost to

 Gender
 you or your family excluding any portion of the cost paid by a private drub plan? [OPEN]

Female

Total

\*Masked due to small sample size.



|   |        |         |                |          |        | Region  |          | <u> </u> |      | Gen  | der    | -        | Age      |         |
|---|--------|---------|----------------|----------|--------|---------|----------|----------|------|------|--------|----------|----------|---------|
|   |        |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta  | BC   | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 13 – [IF SOMEONE<br>IN HOUSEHOLD HAS BEEN      | Total  | Unwgt N | 3590           | 264      | 845    | 1388    | 251      | 409      | 433  | 1485 | 2105   | 707      | 1318     | 1565    |
| GIVEN PRESCRIPTION IN LAST<br>SIX MONTHS] Have you been |        | Wgt N   | 3547           | 261      | 840    | 1368    | 247      | 402      | 428  | 1642 | 1904   | 849      | 1254     | 1444    |
| given a prescription in the past six months?            | Yes    | %       | 80.2           | 84.7     | 81.9   | 78.3    | 85.4     | 80.9     | 76.7 | 78.8 | 81.5   | 71.2     | 75.4     | 89.7    |
|   | No     | %       | 19.6           | 15.3     | 18.1   | 21.4    | 14.6     | 18.8     | 23.3 | 21.1 | 18.4   | 28.5     | 24.6     | 10.1    |
|   | Unsure | %       | .1             | .0       | .0     | .2      | .0       | .0       | .0   | .1   | .1     | .0       | .0       | .2      |
|   | Refuse | %       | .1             | .0       | .0     | .1      | .0       | .3       | .0   | .1   | .1     | .3       | .0       | .0      |

|   |       |         |                |          |        | Region  |          |         |      | Gen  | der    |          | Age      |         |
|---|-------|---------|----------------|----------|--------|---------|----------|---------|------|------|--------|----------|----------|---------|
|   |       |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC   | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 14 - [IF SOMEONE<br>IN HOUSEHOLD HAS BEEN                                  | Total | Unwgt N | 2904           | 223      | 699    | 1096    | 214      | 335     | 337  | 1181 | 1723   | 503      | 998      | 1403    |
| GIVEN PRESCRIPTION IN LAST<br>SIX MONTHS AND  |       | Wgt N   | 2845           | 221      | 688    | 1071    | 211      | 325     | 329  | 1294 | 1551   | 604      | 946      | 1295    |
| PERSONALLY RECEIVED A<br>PRESCRIPTION IN PAST SIX                                   | Yes   | %       | 92.8           | 95.7     | 87.7   | 94.7    | 93.1     | 95.0    | 92.6 | 92.6 | 92.9   | 88.2     | 93.0     | 94.7    |
| MONTHS] You personally<br>took all prescriptions without<br>exception as prescribed | No    | %       | 7.2            | 4.3      | 12.3   | 5.3     | 6.9      | 5.0     | 7.4  | 7.4  | 7.1    | 11.8     | 7.0      | 5.3     |

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 4445 Canadians, 18 years of age or older, between May 27<sup>th</sup> to July 10<sup>th</sup>, 2017. The margin of error for a random survey of 4445 Canadians is ±1.4 percentage points, 19 times out of 20. Subsamples with less than 30 responses have been masked.



|  |        |         |                |          |        | Region  |          | . <u> </u> |    | Gen  | der    |          | Age      |         |
|--|--------|---------|----------------|----------|--------|---------|----------|------------|----|------|--------|----------|----------|---------|
|  |        |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta    | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 15 - [IF<br>PERSONALLY RECEIVED A           | Total  | Unwgt N | 153            | 7        | 65     | 41      | 13       | 11         | 16 | 70   | 83     | 44       | 52       | 57      |
| PRESCRIPTION IN PAST SIX<br>MONTHS AND PRESCRIPTION  |        | Wgt N   | 157            | 7        | 65     | 43      | 13       | 12         | 16 | 79   | 78     | 53       | 50       | 53      |
| NOT FILLED/STOPPED EARLY/<br>SMALLER DOSE TAKEN] You | 1      | %       | 51.5           |          | 51.4   | 53.3    |          |            |    | 51.6 | 51.4   | 50.3     | 57.1     | 47.5    |
| personally stopped taking the prescription early     | 2      | %       | 28.9           |          | 37.5   | 17.2    |          |            |    | 24.2 | 33.7   | 26.8     | 25.1     | 34.7    |
| (occasions in the past 6<br>months) [OPEN]           | 3      | %       | 5.2            |          | 4.6    | 9.5     |          |            |    | 6.8  | 3.5    | 1.9      | 4.3      | 9.3     |
| ionths) [OPEN]                                       | 4      | %       | .8             |          | .0     | 3.0     |          |            |    | 1.7  | .0     | 2.5      | .0       | .0      |
|  | 5      | %       | .8             |          | 1.8    | .0      |          |            |    | .0   | 1.5    | 2.2      | .0       | .0      |
|  | 6      | %       | .8             |          | .0     | 3.0     |          |            |    | 1.7  | .0     | 2.5      | .0       | .0      |
|  | 8      | %       | .6             |          | .0     | .0      |          |            |    | 1.1  | .0     | .0       | .0       | 1.7     |
|  | 10     | %       | 1.5            |          | .0     | 3.0     |          |            |    | 2.9  | .0     | 2.5      | .0       | 1.8     |
|  | 12     | %       | .6             |          | .0     | .0      |          |            |    | .0   | 1.2    | .0       | 1.8      | .0      |
|  | 15     | %       | .8             |          | 1.9    | .0      |          |            |    | 1.5  | .0     | 2.3      | .0       | .0      |
| 20   | 20     | %       | 2.1            |          | .0     | 2.7     |          |            |    | .0   | 4.2    | 4.4      | 1.8      | .0      |
|  | 30     | %       | .8             |          | .0     | .0      |          |            |    | 1.7  | .0     | .0       | 2.6      | .0      |
|  | Unsure | %       | 5.7            |          | 2.8    | 8.0     |          |            |    | 6.9  | 4.4    | 4.9      | 7.3      | 4.9     |

\*Masked due to small sample size.



|  |        |         |                |          |        | Region  |          |         |    | Gen  | der    |          | Age      |         |
|--|--------|---------|----------------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|  |        |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 16 - [IF<br>PERSONALLY RECEIVED A             | Total  | Unwgt N | 111            | 1        | 63     | 21      | 7        | 11      | 8  | 43   | 68     | 30       | 42       | 39      |
| PRESCRIPTION IN PAST SIX<br>MONTHS AND PRESCRIPTION    |        | Wgt N   | 112            | 1        | 63     | 22      | 6        | 13      | 8  | 48   | 64     | 36       | 41       | 35      |
| NOT FILLED/STOPPED EARLY/<br>SMALLER DOSE TAKEN] You   | 1      | %       | 55.5           |          | 48.7   |         |          |         |    | 49.6 | 59.8   |          | 52.9     | 61.0    |
| personally received but did<br>not fill a prescription | 2      | %       | 34.2           |          | 50.0   |         |          |         |    | 34.2 | 34.2   |          | 39.7     | 35.9    |
| (occasions in the past 6<br>months) [OPEN]             | 3      | %       | 5.0            |          | .0     |         |          |         |    | 8.0  | 2.8    |          | 2.0      | 3.1     |
|  | 4      | %       | 1.2            |          | .0     |         |          |         |    | 2.8  | .0     |          | 3.3      | .0      |
|  | Unsure | %       | 1.9            |          | 1.4    |         |          |         |    | 2.8  | 1.3    |          | 2.1      | .0      |
|  | Refuse | %       | 2.2            |          | .0     |         |          |         |    | 2.8  | 1.8    |          | .0       | .0      |

\*Masked due to small sample size.



|   |        |         |                |          |        | Region  |          |         |    | Gen  | der    |          | Age      |         |
|---|--------|---------|----------------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|   |        |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 17 - [IF<br>PERSONALLY RECEIVED A            | Total  | Unwgt N | - 145          | 7        | 70     | 35      | 7        | 8       | 18 | 60   | 85     | 40       | 49       | 56      |
| PRESCRIPTION IN PAST SIX<br>MONTHS AND PRESCRIPTION   |        | Wgt N   | 146            | 7        | 71     | 36      | 7        | 8       | 17 | 67   | 79     | 48       | 47       | 51      |
| NOT FILLED/STOPPED EARLY/<br>SMALLER DOSE TAKEN] You  | 1      | %       | 43.4           |          | 53.0   | 32.9    |          |         |    | 45.2 | 41.9   | 52.2     | 48.1     | 30.6    |
| personally took a smaller<br>dose or less often than  | 2      | %       | 19.5           |          | 28.9   | .0      |          |         |    | 14.1 | 24.0   | 17.2     | 19.0     | 22.0    |
| prescribed (occasions in the<br>past 6 months) [OPEN] | 3      | %       | 2.0            |          | 1.2    | 3.0     |          |         |    | 3.0  | 1.1    | .0       | .0       | 5.8     |
|   | 5      | %       | 1.1            |          | .0     | 2.3     |          |         |    | .0   | 2.1    | .0       | .0       | 3.3     |
|   | 6      | %       | 1.2            |          | .0     | 2.2     |          |         |    | 1.4  | 1.0    | .0       | 1.7      | 1.9     |
|   | 7      | %       | .8             |          | .0     | 3.0     |          |         |    | 1.6  | .0     | .0       | .0       | 2.2     |
|   | 10     | %       | 6.4            |          | 6.4    | 5.9     |          |         |    | 10.1 | 3.2    | 5.2      | 11.0     | 3.2     |
|   | 12     | %       | .6             |          | .0     | .0      |          |         |    | .0   | 1.0    | .0       | .0       | 1.6     |
|   | 15     | %       | .8             |          | .0     | 3.0     |          |         |    | 1.6  | .0     | .0       | .0       | 2.2     |
|   | 20     | %       | 2.3            |          | .0     | 6.9     |          |         |    | 1.9  | 2.6    | 5.2      | .0       | 1.6     |
|   | 21     | %       | .6             |          | .0     | 2.3     |          |         |    | .0   | 1.1    | .0       | .0       | 1.7     |
| 3   | 30     | %       | 2.1            |          | .0     | 2.2     |          |         |    | 2.0  | 2.3    | 2.1      | 4.5      | .0      |
|   | Unsure | %       | 18.5           |          | 8.8    | 36.0    |          |         |    | 17.1 | 19.6   | 15.6     | 15.6     | 23.9    |
|   | Refuse | %       | .8             |          | 1.7    | .0      |          |         |    | 1.8  | .0     | 2.5      | .0       | .0      |

\*Masked due to small sample size.



|                 |         |                |          | <u> </u> | Region  |          |         |                  | Geno | der    |          | Age      |         |
|-----------------|---------|----------------|----------|----------|---------|----------|---------|------------------|------|--------|----------|----------|---------|
|                 |         | Canada 2017-06 | Atlantic | Quebec   | Ontario | Prairies | Alberta | British Columbia | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Total           | Unwgt N | 174            | 8        | 76       | 42      | 14       | 14      | 20               | 76   | 98     | 52       | 60       | 62      |
|                 | Wgt N   | 178            | 8        | 77       | 44      | 14       | 16      | 20               | 85   | 93     | 62       | 59       | 57      |
| One response    | %       | 30.3           |          | 21.0     | 34.0    |          |         |                  | 33.2 | 27.5   | 36.1     | 30.3     | 23.8    |
| Two responses   | %       | 30.4           |          | 13.3     | 47.6    |          |         |                  | 30.9 | 29.9   | 31.7     | 24.0     | 35.4    |
| Three responses | %       | 39.4           |          | 65.6     | 18.4    |          |         |                  | 35.9 | 42.6   | 32.1     | 45.7     | 40.8    |

\*Masked due to small sample size.



|                                 |                   |         |                |          | ,      | Region  | ,        | <u>_</u> |    | Gen  | der    |          | Age      |         |
|---------------------------------|-------------------|---------|----------------|----------|--------|---------|----------|----------|----|------|--------|----------|----------|---------|
|                                 |                   |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta  | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 18 - [IF<br>PERSONALLY | Total             | Unwgt N | 178            | 10       | 76     | 46      | 14       | 10       | 22 | 71   | 107    | 50       | 59       | 69      |
| RECEIVED A<br>PRESCRIPTION      |                   | Wgt N   | 180            | 9        | 77     | 47      | 14       | 10       | 22 | 79   | 100    | 60       | 57       | 63      |
| IN PAST SIX<br>MONTHS AND       | Antibiotics       | %       | 13.2           |          | 11.9   | 18.1    |          |          |    | 13.3 | 13.1   | 22.5     | 4.6      | 12.2    |
| PRESCRIPTION<br>NOT             | Digestive issues  | %       | 10.3           |          | 2.7    | 22.9    |          |          |    | 11.3 | 9.5    | 4.2      | 13.9     | 13.0    |
| FILLED/STOPPED<br>EARLY/        | Pain medication   | %       | 20.6           |          | 24.9   | 5.8     |          |          |    | 21.6 | 19.8   | 11.5     | 24.4     | 25.8    |
| SMALLER DOSE<br>TAKEN] In       | Infection         | %       | .7             |          | .0     | 2.8     |          |          |    | 1.7  | .0     | 2.2      | .0       | .0      |
| general, what<br>were those     | Anxiety           | %       | 5.3            |          | 5.7    | .0      |          |          |    | 4.5  | 5.9    | 8.1      | 6.7      | 1.5     |
| personal<br>prescriptions       | Incontinence      | %       | .9             |          | 1.1    | 1.8     |          |          |    | .0   | 1.7    | .0       | 1.5      | 1.3     |
| for? [OPEN]                     | Anti-inflammatory | %       | 9.1            |          | 13.2   | 6.8     |          |          |    | 10.2 | 8.4    | 11.9     | 8.8      | 6.9     |
|                                 | Depression        | %       | 9.3            |          | 10.2   | 6.8     |          |          |    | 4.0  | 13.4   | 11.0     | 10.0     | 7.0     |
|                                 | Hypertension      | %       | 3.3            |          | 7.7    | .0      |          |          |    | 3.8  | 2.9    | 2.0      | .0       | 7.6     |
|                                 | Allergies         | %       | 4.9            |          | 4.6    | 7.0     |          |          |    | 5.7  | 4.3    | 10.1     | 3.5      | 1.3     |
|                                 | Fibromyalgia      | %       | .5             |          | 1.1    | .0      |          |          |    | .0   | .9     | .0       | 1.5      | .0      |
|                                 | Can't recall      | %       | .6             |          | .0     | 2.2     |          |          |    | 1.3  | .0     | .0       | 1.9      | .0      |
|                                 | ADHD              | %       | 1.4            |          | 1.6    | 2.8     |          |          |    | 3.2  | .0     | 4.2      | .0       | .0      |
|                                 | Cholesterol       | %       | 4.7            |          | 6.0    | 1.8     |          |          |    | 4.3  | 5.0    | 2.4      | 3.0      | 8.4     |
|                                 | Skin condition    | %       | 2.6            |          | 4.9    | .0      |          |          |    | 3.7  | 1.8    | .0       | .0       | 7.5     |
|                                 | Osteoporosis      | %       | 1.0            |          | 1.2    | .0      |          |          |    | .0   | 1.7    | .0       | .0       | 2.7     |

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|                               |   |                |          |        | Region  |          | -       |    | Geno | der    |          | Age      |         |
|-------------------------------|---|----------------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|                               |   | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Headache                      | % | .5             | -        | 1.1    | .0      |          | -       |    | .0   | .9     | .0       | 1.5      | .0      |
| Athlete's Foot                | % | .5             |          | .0     | .0      |          |         |    | 1.2  | .0     | .0       | .0       | 1.5     |
| Muscle spasms                 | % | 2.6            |          | .0     | 5.1     |          |         |    | 4.7  | 1.0    | 3.9      | 2.3      | 1.7     |
| Heart condition               | % | .5             |          | .0     | .0      |          |         |    | .0   | .8     | .0       | .0       | 1.3     |
| Hemorrhoids                   | % | .5             |          | .0     | .0      |          |         |    | 1.2  | .0     | .0       | .0       | 1.5     |
| Rheumatoid arthritis          | % | 1.3            |          | .0     | 1.8     |          |         |    | .0   | 2.4    | .0       | .0       | 3.8     |
| Abscessed tooth               | % | .5             |          | .0     | .0      |          |         |    | .0   | .9     | .0       | 1.6      | .0      |
| Flu/cold                      | % | 2.4            |          | 1.6    | 6.5     |          |         |    | 2.9  | 2.0    | 4.0      | 3.3      | .0      |
| Eye drops                     | % | .5             |          | .0     | .0      |          |         |    | .0   | .9     | .0       | .0       | 1.5     |
| Puffer for asthma             | % | 2.2            |          | .0     | 4.5     |          |         |    | 2.8  | 1.8    | 2.2      | .0       | 4.2     |
| Hormones                      | % | 1.6            |          | 3.8    | .0      |          |         |    | .0   | 2.9    | 2.0      | 1.5      | 1.4     |
| Sleep aids                    | % | 4.6            |          | 6.8    | 4.5     |          |         |    | 5.6  | 3.8    | 4.0      | 8.8      | 1.4     |
| Blood thinner                 | % | 2.4            |          | 1.3    | 4.0     |          |         |    | 4.4  | .8     | .0       | 1.4      | 5.5     |
| Alzheimer's                   | % | .5             |          | .0     | .0      |          |         |    | 1.2  | .0     | .0       | .0       | 1.5     |
| Blood pressure                | % | 4.4            |          | 4.3    | 7.5     |          |         |    | 5.6  | 3.4    | 4.1      | 3.3      | 5.6     |
| Medication for lung condition | % | .5             |          | .0     | .0      |          |         |    | 1.1  | .0     | .0       | .0       | 1.4     |
| Medication for diabetes       | % | 4.5            |          | 2.6    | 9.2     |          |         |    | 5.6  | 3.7    | 4.2      | 6.9      | 2.7     |
| Oral contraceptives           | % | .7             |          | 1.5    | .0      |          |         |    | .0   | 1.2    | 2.0      | .0       | .0      |
| Hyperthyroidism               | % | 2.0            |          | 2.3    | .0      |          |         |    | .0   | 3.5    | .0       | 1.7      | 4.1     |

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|  |   |                |          |        | Region  |          |         |    | Gen  | der    | -        | Age      |         |
|--|---|----------------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|  |   | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Medication for after<br>transplant surgery | % | 1.0            |          | 2.2    | .0      |          |         |    | .0   | 1.7    | .0       | 3.0      | .0      |
| Iron supplements                           | % | 1.0            |          | .0     | .0      |          |         |    | .0   | 1.7    | .0       | .0       | 2.8     |
| Central nervous system                     | % | .5             |          | 1.2    | .0      |          |         |    | .0   | .9     | .0       | .0       | 1.4     |
| Medicated shampoo                          | % | .6             |          | .0     | .0      |          |         |    | .0   | 1.0    | 1.7      | .0       | .0      |
| Fetal malformation                         | % | .7             |          | 1.5    | .0      |          |         |    | .0   | 1.2    | 2.0      | .0       | .0      |
| Other                                      | % | 5.6            |          | 6.6    | 8.8     |          |         |    | 4.3  | 6.6    | 6.0      | 1.9      | 8.5     |
| Unsure                                     | % | .6             |          | .0     | .0      |          |         |    | .0   | 1.2    | 1.9      | .0       | .0      |
| Refuse                                     | % | 7.6            |          | 6.5    | 6.9     |          |         |    | 9.2  | 6.3    | 6.5      | 8.9      | 7.3     |

\*Masked due to small sample size.



|                                 |                             |         |                |          |        | Region  |          |         |                  | Gen  | der    |          | Age      |         |
|---------------------------------|-----------------------------|---------|----------------|----------|--------|---------|----------|---------|------------------|------|--------|----------|----------|---------|
|                                 |                             |         | Canada 2017-06 | Atlantic | Quebec | Ontario | Prairies | Alberta | British Columbia | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 18 - [IF<br>PERSONALLY | Total                       | Unwgt N | 178            | 10       | 76     | 46      | 14       | 10      | 22               | 71   | 107    | 50       | 59       | 69      |
| RECEIVED A<br>PRESCRIPTION      |                             | Wgt N   | 180            | 9        | 77     | 47      | 14       | 10      | 22               | 79   | 100    | 60       | 57       | 63      |
| IN PAST SIX<br>MONTHS AND       | Take as needed medications  | %       | 64.1           |          | 62.4   | 66.9    |          |         | 78.6             | 71.0 | 58.7   | 60.3     | 65.0     | 66.9    |
| PRESCRIPTION<br>NOT             | Medications for chronic     | %       | 30.5           |          | 31.1   | 27.6    |          |         | 33.8             | 28.4 | 32.3   | 29.7     | 31.0     | 30.9    |
| FILLED/STOPPED<br>EARLY/        | conditions                  |         |                |          |        |         |          |         |                  |      |        |          |          |         |
| SMALLER DOSE<br>TAKEN] In       | Medications to help quality | %       | 13.9           |          | 15.2   | 8.6     |          |         | 11.4             | 8.9  | 17.9   | 9.8      | 10.5     | 20.9    |
| general, what                   | of life                     |         |                |          |        |         |          |         |                  |      |        |          |          |         |
| were those<br>personal          | Can't recall/unsure         | %       | 1.2            |          | .0     | 2.2     |          |         | 5.3              | 1.3  | 1.2    | 1.9      | 1.9      | .0      |
| prescriptions<br>for? [OPEN]    | Refuse                      | %       | 7.1            |          | 5.4    | 6.9     |          |         | .0               | 9.2  | 5.5    | 6.5      | 7.4      | 7.3     |
|                                 | Other                       | %       | 5.0            |          | 3.8    | 8.8     |          |         | .0               | 2.7  | 6.7    | 5.6      | 1.9      | 7.1     |

\*Masked due to small sample size.



|   |                                  |         | Region        |            |        |         |          |         |    | Gender |        | Age      |          |         |
|---|----------------------------------|---------|---------------|------------|--------|---------|----------|---------|----|--------|--------|----------|----------|---------|
|   |                                  |         | Canada 2017-0 | 6 Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male   | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 21 - [IF<br>PERSONALLY RECEIVED A                              | Total                            | Unwgt N | 191           | 10         | 78     | 51      | 14       | 14      | 24 | 81     | 110    | 55       | 63       | 73      |
| PRESCRIPTION IN PAST SIX<br>MONTHS AND                                  |                                  | Wgt N   | 194           | 9          | 79     | 53      | 14       | 16      | 24 | 91     | 103    | 66       | 61       | 67      |
| PRESCRIPTION NOT<br>FILLED/STOPPED EARLY/<br>SMALLER DOSE TAKEN]        | Too expensive/couldn't afford it | %       | 7.2           |            | 10.8   | 3.1     |          |         |    | 5.8    | 8.4    | 5.3      | 8.5      | 7.9     |
| What was the one reason for [not filling/stopping                       | Side effects                     | %       | 18.2          |            | 16.3   | 16.6    |          |         |    | 15.7   | 20.4   | 16.3     | 13.6     | 24.3    |
| early/taking a smaller dose<br>of] your personal<br>prescription on any | No longer needed it              | %       | 33.0          |            | 43.4   | 25.8    |          |         |    | 40.8   | 26.0   | 37.9     | 45.0     | 16.9    |
| occasion? [OPEN]  | No reason                        | %       | .9            |            | .0     | 1.6     |          |         |    | .0     | 1.6    | .0       | .0       | 2.5     |
|   | I take it only when needed       | %       | 5.2           |            | 3.9    | 6.3     |          |         |    | 4.4    | 5.8    | 1.8      | 4.3      | 9.3     |
|   | Meds were too strong             | %       | 2.3           |            | 1.1    | .0      |          |         |    | 3.0    | 1.7    | 4.1      | .0       | 2.6     |
|   | Did not help my issues           | %       | 2.5           |            | 2.3    | 5.6     |          |         |    | 3.4    | 1.7    | .0       | 4.9      | 2.7     |
|   | Forgot/forgetful                 | %       | 7.0           |            | 5.7    | 8.7     |          |         |    | 5.5    | 8.4    | 12.7     | 3.1      | 5.1     |
|   | Allergic reaction                | %       | 2.9           |            | 1.1    | 3.8     |          |         |    | .0     | 5.5    | 3.5      | 1.4      | 3.7     |
|   | I prefer natural medicines       | %       | 1.5           |            | 2.2    | 2.2     |          |         |    | .0     | 2.8    | 1.8      | 2.8      | .0      |
|   | Refuse                           | %       | 13.6          |            | 7.6    | 20.7    |          |         |    | 17.5   | 10.2   | 14.7     | 7.1      | 18.6    |
|   | I did not want to take it        | %       | 2.0           |            | 1.1    | 1.6     |          |         |    | 1.4    | 2.4    | .0       | 3.6      | 2.4     |
|   | Medication was changed           | %       | 2.9           |            | 3.3    | 4.0     |          |         |    | 2.5    | 3.3    | 2.0      | 4.1      | 2.8     |
|   | Other                            | %       | .5            |            | 1.1    | .0      |          |         |    | .0     | .9     | .0       | .0       | 1.3     |
|   | Unsure                           | %       | .5            |            | .0     | .0      |          |         |    | .0     | .9     | .0       | 1.5      | .0      |

Nanos conducted an RDD dual frame (land- and cell- lines) random telephone survey of 4445 Canadians, 18 years of age or older, between May 27<sup>th</sup> to July 10<sup>th</sup>, 2017. The margin of error for a random survey of 4445 Canadians is ±1.4 percentage points, 19 times out of 20. Subsamples with less than 30 responses have been masked.

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\*Masked due to small sample size.

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Question 22 - [IF COST IS THE REASON FOR PRESCRIPTION FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] - How much did that prescription cost to you or your family (excluding any portion of the cost paid by a private drug plan)? [OPEN]/ Question 23 - [IF PERSONALLY RECEIVED A PRESCRIPTION IN PAST SIX MONTHS AND PRESCRIPTION NOT FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] In the past six months, about how much was spent in total, at your own expense, on prescription medicines? [OPEN] \* Region

|       | Question 22 - [IF COST IS THE REASON FOR          | Question 23 - [IF PRESCRIPTION WAS NOT        |
|-------|---|---|
|       | PRESCRIPTION FILLED/STOPPED EARLY/ SMALLER        | FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN]     |
|       | DOSE TAKEN] - How much did that prescription      | the past six months, about how much was spent |
|       | cost to you or your family (excluding any portion | total, at your own expense, on prescription   |
|       | of the cost paid by a private drug plan)? [OPEN]  | medicines? [OPEN]                             |
|       |   |   |
| Total |   | 270.  |

\*Masked due to small sample size.

|  | Statistic   | S      |  |  |  |  |  |  |  |  |
|--|---|--------|--|--|--|--|--|--|--|--|
| Question 23 - [IF PRESCRIPTION WAS NOT           |   |        |  |  |  |  |  |  |  |  |
| FILLED/STOPPED EARLY/ SMALLER DOSE TAKEN] In the |   |        |  |  |  |  |  |  |  |  |
| past six mor                                     | past six months, about how much was spent in total, |        |  |  |  |  |  |  |  |  |
| at your own expense, on prescription medicines?  |   |        |  |  |  |  |  |  |  |  |
| Ν  | Valid   | 147    |  |  |  |  |  |  |  |  |
|  | Missing   | 4297   |  |  |  |  |  |  |  |  |
| Mean   |   | 270.35 |  |  |  |  |  |  |  |  |
| Median   |   | 100.00 |  |  |  |  |  |  |  |  |



|  |           |         | ·              |          |        | Region  |          |         |     | Gen  | der    |          | Age      |         |  |
|--|-----------|---------|----------------|----------|--------|---------|----------|---------|-----|------|--------|----------|----------|---------|--|
|  |           |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC  | Male | Female | 18 to 34 | 35 to 54 | 55 plus |  |
| Question 24 - [IF<br>PERSONALLY RECEIVED A           | Total     | Unwgt N | 203            | 10*      | 83     | 55      | 15*      | 15*     | 25* | 85   | 118    | 59       | 68       | 76      |  |
| PRESCRIPTION IN PAST SIX<br>MONTHS AND               |           | Wgt N   | 206            | 9        | 84     | 57      | 15       | 16      | 24  | 96   | 110    | 71       | 66       | 69      |  |
| PRESCRIPTION NOT<br>FILLED/STOPPED EARLY/            | Aware     | %       | 43.2           |          | 37.4   | 38.3    |          |         |     | 44.3 | 42.2   | 40.6     | 41.9     | 47.2    |  |
| SMALLER DOSE TAKEN] Are<br>you aware or not aware of | Not aware | %       | 53.5           |          | 58.7   | 57.1    |          |         |     | 51.7 | 55.1   | 52.4     | 58.1     | 50.4    |  |
| ,<br>any publicly funded<br>programs to help people  | Unsure    | %       | 3.3            |          | 3.9    | 4.6     |          |         |     | 4.0  | 2.6    | 7.0      | .0       | 2.5     |  |
| access prescription<br>medicines?                    |           |         |                |          |        |         |          |         |     |      |        |          |          |         |  |

\*Masked due to small sample size.



|  |  | _       |         | . <u> </u> |        | Region  |          | <u> </u> |    | Gen  | der    | . <u> </u> | Age      | -       |
|--|--|---------|---------|------------|--------|---------|----------|----------|----|------|--------|------------|----------|---------|
|  |  |         | Canada  |            |        |         |          |          |    |      |        |            |          |         |
|  | _  |         | 2017-07 | Atlantic   | Quebec | Ontario | Prairies | Alberta  | BC | Male | Female | 18 to 34   | 35 to 54 | 55 plus |
| Question 25 - [IF<br>PERSONALLY RECEIVED A   | Total  | Unwgt N | 203     | 10         | 83     | 55      | 15       | 15       | 25 | 85   | 118    | 59         | 68       | 76      |
| PRESCRIPTION IN PAST SIX<br>MONTHS AND   |  | Wgt N   | 206     | 9          | 84     | 57      | 15       | 16       | 24 | 96   | 110    | 71         | 66       | 69      |
| PRESCRIPTION NOT<br>FILLED/STOPPED EARLY/<br>SMALLER DOSE TAKEN] I<br>am going to read you a                                       | I am covered through a<br>work health benefit plan<br>which is either my own or<br>someone in my family  | %       | 44.6    |            | 46.2   | 39.6    |          |          |    | 45.8 | 43.6   | 51.0       | 63.0     | 20.6    |
| series of statements about<br>your health benefit plan<br>coverage and I would like<br>you to tell me which best<br>describes you? | I have health plan benefits<br>and coverage which has<br>been purchased, at our<br>own expense through and<br>insurance carrier<br>I have health plan benefits<br>and coverage through a<br>union or professional<br>association | %       | 8.1     |            | 4.7    | 8.1     |          |          |    | 8.6  | 7.7    | 1.8        | 7.0      | 15.7    |
| [RANDOMIZE]  |  | %       | 12.8    |            | 12.4   | 20.6    |          |          |    | 15.9 | 10.1   | 18.8       | 14.3     | 5.3     |
|  | My prescription medicines<br>are paid for by a<br>government public plan<br>but I am not a government<br>employee  | %       | 18.4    |            | 23.3   | 13.7    |          |          |    | 18.1 | 18.7   | 13.5       | 5.9      | 35.4    |
|  | I have no health plan<br>coverage and all the time<br>have to pay for the full<br>price of any prescription I<br>need  | %       | 11.8    |            | 8.3    | 15.1    |          |          |    | 8.3  | 14.9   | 11.5       | 7.3      | 16.4    |
|  | Other  | %       | .8      |            | .0     | 1.5     |          |          |    | .0   | 1.5    | .0         | .0       | 2.4     |
|  | Refuse   | %       | 3.4     |            | 5.0    | 1.4     |          |          |    | 3.3  | 3.4    | 3.4        | 2.5      | 4.2     |

\*Masked due to small sample size.

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|   |  | -       |         |          |        | Region  |          |         |    | Ger  | nder   | ·        | Age      |         |
|---|--|---------|---------|----------|--------|---------|----------|---------|----|------|--------|----------|----------|---------|
|   |  |         | Canada  |          |        |         |          |         |    |      |        |          |          |         |
|   | -  |         | 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC | Male | Female | 18 to 34 | 35 to 54 | 55 plus |
| Question 26 - [IF<br>PRESCRIPTION WAS NOT                     | Total  | Unwgt N | 27      | 0        | 7      | 10      | 2        | 3       | 5  | 7    | 20     | 7        | 5        | 15      |
| FILLED/STOPPED EARLY/<br>SMALLER DOSE TAKEN                   |  | Wgt N   | 26      | 0        | 7      | 9       | 2        | 3       | 5  | 8    | 18     | 8        | 5        | 13      |
| AND NO INSURANCE FOR<br>PRESCRIPTION<br>MEDICINES] Why do you | Not available/offered to me                                | %       |         |          |        |         |          |         |    |      |        |          |          |         |
| not have any insurance or<br>government benefits for          | l don't need it  | %       |         |          |        |         |          |         |    |      |        |          |          |         |
| prescription medication?<br>[OPEN]                            | l am a senior  | %       |         |          |        |         |          |         |    |      |        |          |          |         |
| [0]   | I am retired   | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|   | I am not covered by my spouse's plan                       | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|   | I am unemployed  | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|   | Don't want to pay more<br>for insurance/Can't afford<br>it | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|   | I have pension plan/other<br>coverage                      | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|   | I am self-employed   | %       |         |          |        |         |          |         |    |      |        |          |          |         |
|   | Other  | %       |         |          |        |         |          |         |    |      |        |          |          |         |

\*Masked due to small sample size.



|      |                           |         |                | Region   |        |         |          |         |      |      |        |          | Age      |         |  |
|------|---------------------------|---------|----------------|----------|--------|---------|----------|---------|------|------|--------|----------|----------|---------|--|
|      |                           |         | Canada 2017-07 | Atlantic | Quebec | Ontario | Prairies | Alberta | BC   | Male | Female | 18 to 34 | 35 to 54 | 55 plus |  |
| Туре | Total                     | Unwgt N | 4445           | 312      | 1040   | 1720    | 302      | 491     | 580  | 1925 | 2520   | 1003     | 1582     | 1860    |  |
|      |                           | Wgt N   | 4444           | 312      | 1041   | 1719    | 302      | 491     | 580  | 2148 | 2296   | 1212     | 1515     | 1717    |  |
|      | Short survey              | %       | 75.0           | 80.7     | 73.8   | 75.6    | 76.8     | 77.3    | 69.5 | 71.9 | 77.9   | 63.1     | 78.4     | 80.5    |  |
|      | Long survey               | %       | 4.8            | 3.0      | 6.9    | 3.9     | 5.1      | 4.5     | 4.4  | 4.5  | 5.0    | 6.9      | 4.4      | 3.6     |  |
|      | No prescription household | %       | 20.2           | 16.3     | 19.3   | 20.4    | 18.1     | 18.2    | 26.1 | 23.6 | 17.1   | 30.0     | 17.2     | 15.9    |  |