

# TRENDS IN THE CANADIAN COMMUNITY HEALTH SURVEY DATA 2005, 2010 AND 2014

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A supplement to the [Quest 112](#) – Fall 2017  
What the Canadian Community Health Survey  
2005, 2010, 2014 tells us about  
Myalgic Encephalomyelitis/Chronic Fatigue Syndrome and Fibromyalgia

## TRENDS IN THE CANADIAN COMMUNITY HEALTH SURVEY DATA 2005, 2010 AND 2014

The following document contains 23 tables with statistics on Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS), Fibromyalgia (FM), Multiple Chemical Sensitivities (MCS) as well as 16 other chronic conditions and the total population. The data in these tables come from the Canadian Community Health Survey (CCHS), a rich source of information on health issues in Canada. The National ME/FM Action Network has previously presented statistics on ME/CFS, FM and MCS from each of the 2005 (Quest 80), 2010 (Quest 88, MEAO Quantitative Data Report) and 2014 (Quest 108) surveys. This document presents the statistics for these three surveys alongside one another in order to look for changes over time. A discussion of this information can be found in Quest 112.

*This analysis is based on the Statistics Canada Canadian Community Health Survey Public Use Microdata File, 2014, 2010, and 3.1 (2005), and custom tabulations generated by Statistics Canada. All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

Statistics from the 2005 CCHS can be found at:

[http://mefmaction.com/images/stories/quest\\_newsletters/Quest80springsummer2009.pdf](http://mefmaction.com/images/stories/quest_newsletters/Quest80springsummer2009.pdf)

Statistics from the 2010 CCHS can be found at:

[http://mefmaction.com/images/stories/quest\\_newsletters/QUEST88Summer2011.pdf](http://mefmaction.com/images/stories/quest_newsletters/QUEST88Summer2011.pdf)

[http://meao.ca/files/Quantitative\\_Data\\_Report.pdf](http://meao.ca/files/Quantitative_Data_Report.pdf)

Statistics from the 2014 CCHS can be found at:

[http://mefmaction.com/docs/CCHS\\_Stats\\_2014.pdf](http://mefmaction.com/docs/CCHS_Stats_2014.pdf)

A discussion of trends over time from the 2005, 2010 and 2014 CCHS can be found at:

[http://mefmaction.com/images/stories/quest\\_newsletters/Quest112.pdf](http://mefmaction.com/images/stories/quest_newsletters/Quest112.pdf)

### METHODOLOGY/TECHNICAL NOTES

The CCHS is a population-based cross-sectional survey. The target population is Canadians aged 12 and older but excludes people living on Indian Reserves, residents of institutions, full-time members of the Canadian Forces and residents in certain remote regions. In 2014, the target population included 30,167,000 Canadians, over 97% of Canadians aged 12 and older.

Canadians who participated in the survey were interviewed either in person or on the telephone. They are asked about having “long-term conditions” (defined as those which are expected to last or have already lasted 6 months or more) that have been diagnosed by a health professional. Participants are asked about multiple chronic conditions and may answer “Yes” to having any number of chronic conditions; therefore, the same individual may be included in more than one chronic condition group.



The CCHS asks about “Chronic Fatigue Syndrome”. In the following tables, we use this terminology. In other contexts, we may use the term Myalgic Encephalomyelitis / Chronic Fatigue Syndrome or ME/CFS.

The data presented are extracted from the 2005, 2010 and 2014 Public Use Microdata Files provided by Statistics Canada. There is one exception. Information on Unmet Home Care Needs for 2010 and 2014 was provided by Statistics Canada in a custom tabulation generated from the CCHS Master File as this variable was not included on the Public Use Microdata File after 2005.

This document shows the prevalence of ME/CFS, FM and MCS by age, gender and province/region. In addition, it shows measures of disability, health care utilization, unmet health and home care needs and socioeconomic factors for the three conditions as well as for 16 other chronic conditions and for the total population.

The results for chronic conditions groups are based on data extracted directly from the source file, and no adjustments have been made to standardize the data for variables such as age and gender; therefore, this analysis does not show how the various chronic condition groups would compare if they had similar compositions.

The results within each table are sorted based on the most recent year of data in the table, from the largest to the smallest.

Information about each of the measures is asked from all Canadians aged 12 and older with two exceptions. Unmet Home Care Needs is asked from those aged 18 and older. Permanently Unable to Work is asked from those aged 15 to 74, but our analysis is restricted to the range 18-64 because employment social programs are often based on this age group.

The data in the tables are based on a sample of Canadians. A coefficient of variation is a measure of the magnitude of sampling variation. Results with large coefficients of variation, determined using guidelines established by Statistics Canada, are marked with an “E”. These results should be interpreted with caution. In some cases, the numbers are too small to be published and these are marked with an “F”.

The issue of sampling is important to keep in mind when reviewing the results. Different people are selected to participate in each survey and numbers can fluctuate simply because of who is selected. An example of sampling has been provided in Quest 112.

There were some changes over time which either affected our ability to present information across all three years, or required us to recalculate statistics previously presented. They are listed below.



### *Changes in chronic conditions surveyed*

- In 2005, Chronic Obstructive Pulmonary Disease (COPD), Chronic Bronchitis and Emphysema were collected as three separate chronic conditions on the CCHS. After 2005, they were collapsed into one condition. As a result, we included COPD in the 2010 and 2014 results only.
- Scoliosis was added as a chronic condition to the CCHS after 2010, and is included in the 2014 results only.
- In 2005, the survey asked about Arthritis and Rheumatism. After this, the reference to Rheumatism was dropped from the question, and the condition was referred to as Arthritis only. We show the 2005, 2010 and 2014 data for Arthritis as a single series, but users should be aware that the change in wording could have had an impact on comparability between the 2005 data and later data.

### *Introduction of age restrictions*

- In 2005, information about each of the chronic conditions is asked from all Canadians aged 12 and older. After 2005, age restrictions were applied to three chronic conditions: Arthritis was collected for ages 14+, COPD was collected for ages 35+ and Urinary Incontinence was collected for ages 25+. In order to make the 2005 results comparable with the 2010 and 2014 results, we restricted the 2005 results for Arthritis to age 15+ (rather than 14+ due to limitations of the Public Use Microdata File) and Urinary Incontinence to age 25+. As noted above, COPD is not included in the 2005 results altogether due to a change in the definition after 2005.

### *Changes in definitions of measures of disability and socioeconomic factors*

- After 2005, the definition for Needing Help with Tasks changed; the 2005 results are not comparable to the 2010 and 2014 results, and are not included in the table for this measure (Table 8). Similarly, the definitions for Household Income and Household Food Insecurity also changed after 2005, and results for 2005 are not included for these measures (Tables 21 and 22).

### *Changes in geographic coverage*

- The measures of Mobility, Cognition Problems and Pain (Tables 10-13) were collected in only one province in 2005 (British Columbia), so results for 2005 are not included. The 2010 and 2014 results contain information collected from across Canada.
- Unmet Home Care Needs and Household Food Insecurity were “optional content” in 2010 and 2014, meaning that provinces and territories could decide whether or not these questions were asked in that province or territory. The footnotes to these tables show their coverage which changed between surveys. We have presented information for these variables in separate tables by year to emphasize the different coverage.



*Changes in data sources and calculations*

- Our previous reports have included data from a combination of files including the Public Use Microdata Files as well as the Master Files. As a result, there may be minor differences from previously published numbers, but these are only slight, and the overall findings and messages remain the same. We also previously published some findings from 2014 using a third file called the Share File provided by the Public Health Agency of Canada. Some of those findings might also be slightly different.
- The data for Unmet Home Care Needs came from the Public Use Microdata File in 2005 and the Master File in 2010 and 2014. Because of this, and because the provinces sampled changed on each survey (see above), we have presented the findings for the three years of data for this measure in three separate tables (Tables 20 A, B and C).
- For Household Income, a statistical method was applied by Statistics Canada to correct for missing responses after 2010. This impacts the comparability of the results over time. As a result, we have presented the 2010 and 2014 findings in separate tables (Tables 21 A and B). Results for 2005 are excluded due to a definition change described above.
- Because the provinces sampled changed on each survey (see above), we have presented the 2010 and 2014 findings for Household Food Insecurity in separate tables (Tables 22 A and B). Results for 2005 are excluded due to a definition change described above.
- In the 2005 statistics package (Quest 80), non-responses (those who did not answer the question or who answered “don’t know” to the question) were included in the denominator for all calculations. In later analyses, non-responses have been excluded altogether. The following tables use this new methodology, and the 2005 figures have been recalculated. This change in calculation method might lead to slight differences from the previously published 2005 results.
- In the 2014 statistics package (Quest 108) we redefined how we analyzed the number of doctor consultations from previous reports. The new method calculates the percentage of consultations as the number of consultations out of the total population. Previously we included only those who had had a consultation in the denominator. In the following tables we used the new method.



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## I. PREVALENCE



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*



**Table 1: Prevalence of ME/CFS, FM and MCS among Canadians Aged 12 and Older, 2005, 2010 and 2014**

Chronic Condition	2005		2010		2014	
	No. with Condition	%	No. with Condition	%	No. with Condition	%
CFS	333,800	1.2	411,500	1.4	407,600	1.4
FM	389,800	1.4	438,800	1.5	518,800	1.7
MCS	598,600	2.2	800,300	2.8	722,400	2.4
CFS and/or FM	628,500	2.3	755,900	2.6	808,700	2.7
One or more	1,135,200	4.2	1,414,700	4.9	1,427,600	4.8

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

NOTE: Some numbers may be slightly different than previously reported from the Master or Share Files



**Table 2: Prevalence of ME/CFS, FM and MCS among Canadians Aged 12 and Older by Age Group, 2005, 2010 and 2014**

Chronic Condition	% with Condition		
	2005	2010	2014
Chronic Fatigue Syndrome			
All ages	1.2	1.4	1.4
Age 12-24	0.3 <sup>E</sup>	0.4 <sup>E</sup>	0.3 <sup>E</sup>
Age 25-44	1.0	1.1	0.9
Age 45-64	1.9	1.9	1.9
Age 65+	1.8	2.2	2.2
Fibromyalgia			
All ages	1.4	1.5	1.7
Age 12-24	0.2 <sup>E</sup>	F	F
Age 25-44	0.9	1.0	0.8
Age 45-64	2.6	2.5	2.9
Age 65+	2.0	2.2	2.7
Multiple Chemical Sensitivities			
All ages	2.2	2.8	2.4
Age 12-24	0.8 <sup>E</sup>	1.1	0.9 <sup>E</sup>
Age 25-44	1.8	2.1	1.5
Age 45-64	3.3	3.9	3.4
Age 65+	2.9	3.9	3.8

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

F = Too unreliable to be published



**Table 3: Prevalence of ME/CFS, FM and MCS among Canadians Aged 12 and Older by Gender, 2005, 2010 and 2014**

Chronic Condition	% with Condition		
	2005	2010	2014
Chronic Fatigue Syndrome			
Total	1.2	1.4	1.4
Female	1.7	1.9	1.7
Male	0.8	1.0	1.0
Fibromyalgia			
Total	1.4	1.5	1.7
Female	2.4	2.4	2.8
Male	0.5 <sup>E</sup>	0.6 <sup>E</sup>	0.6
Multiple Chemical Sensitivities			
Total	2.2	2.8	2.4
Female	3.2	4.0	3.5
Male	1.2	1.6	1.3

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

NOTE: Personal correspondence with Statistics Canada indicated that the increase in prevalence among females with FM from 2010 to 2014 is statistically significant ( $p < 0.05$ )



**Table 4: Prevalence of ME/CFS, FM and MCS among Canadians Age 12 and Older by Province, 2005, 2010 and 2014**

Chronic Condition	% with Condition		
	2005	2010	2014
<b>Chronic Fatigue Syndrome</b>			
Canada	1.2	1.4	1.4
British Columbia	1.0	1.5	1.1 <sup>E</sup>
Prairie Provinces	1.0	1.0 <sup>E</sup>	1.2
Ontario	1.3	1.6	1.3
Quebec	1.4	1.4	1.6
Atlantic Provinces	1.0	1.3 <sup>E</sup>	1.3 <sup>E</sup>
<b>Fibromyalgia</b>			
Canada	1.4	1.5	1.7
British Columbia	1.6	1.3 <sup>E</sup>	1.6
Prairie Provinces	1.4	1.5	1.6
Ontario	1.5	1.8	1.9
Quebec	1.2	1.2	1.4
Atlantic Provinces	1.6	2.0 <sup>E</sup>	2.2 <sup>E</sup>
<b>Multiple Chemical Sensitivities</b>			
Canada	2.2	2.8	2.4
British Columbia	2.0	3.0	2.5
Prairie Provinces	1.9	2.9	2.9
Ontario	2.1	2.6	2.1
Quebec	2.6	2.6	2.2
Atlantic Provinces	2.7	3.4	3.3

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

Atlantic Provinces = New Brunswick, Newfoundland and Labrador, Nova Scotia, Prince Edward Island

Prairie Provinces = Alberta, Manitoba, Saskatchewan

NOTE: Northwest Territories, Nunavut and Yukon Territory were not publishable due to small numbers



**Table 5: Prevalence of Chronic Conditions among Canadians Aged 12 and Older, 2005, 2010 and 2014**

Chronic Condition	% with Condition		
	2005	2010	2014
Back problems	18.8	18.9	17.9
High blood pressure	15.0	17.1	17.7
Arthritis	17.2	16.1	16.5
Migraines	10.6	10.0	9.7
Asthma	8.3	8.5	8.1
Mood Disorder	5.6	6.5	7.8
Anxiety Disorder	4.4	5.2	7.0
Diabetes	4.9	6.4	6.7
Heart Disease	4.8	5.0	4.9
CFS, FM and/or MCS	4.2	4.9	4.8
Bowel Disorder	3.9	4.3	4.5
Urinary Incontinence	3.7	4.0	4.3
COPD		4.3	4.0
Scoliosis			3.0
Irritable Bowel Syndrome	2.2	2.4	2.7
CFS and/or FM	2.3	2.6	2.7
Stomach or Intestinal Ulcers	3.1	2.8	2.5
Multiple Chemical Sensitivities	2.2	2.8	2.4
Cancer	1.4	1.9	1.8
Fibromyalgia	1.4	1.5	1.7
Chronic Fatigue Syndrome	1.2	1.4	1.4
Effects of a Stroke	1.1	1.1	1.1
Ulcerative Colitis	0.4	0.5	0.5
Crohn's Disease	0.3	0.4	0.4
Bowel Incontinence	0.2 <sup>E</sup>	0.2 <sup>E</sup>	0.2 <sup>E</sup>

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

Bowel Disorder = Bowel Incontinence, Crohn's Disease, Irritable Bowel Syndrome, Ulcerative Colitis and Other



**Table 6: Percentage of each Chronic Condition that is Aged 18 to 64, 2005, 2010 and 2014**

Chronic Condition	% Aged 18 to 64		
	2005	2010	2014
Migraines	86.0	84.7	84.9
Mood Disorder	85.0	84.5	82.1
Anxiety Disorder	83.9	80.6	80.7
Scoliosis			77.7
Bowel Disorder	78.0	74.5	77.4
Stomach or Intestinal Ulcers	76.6	77.6	75.9
<b>Total Population</b>	<b>76.2</b>	<b>75.7</b>	<b>74.5</b>
Asthma	73.1	75.6	74.4
Back problems	79.2	75.7	73.7
Fibromyalgia	79.3	76.7	71.5
Chronic Fatigue Syndrome	78.6	74.1	70.5
Multiple Chemical Sensitivities	78.2	74.9	69.2
Arthritis	59.1	56.1	54.1
COPD		58.9	52.9
High blood pressure	57.0	56.1	52.7
Diabetes	56.1	55.9	51.4
Cancer	48.3	45.6	45.5
Urinary Incontinence	44.5	42.4	41.4
Effects of a Stroke	41.1	37.6	41.0
Heart Disease	41.3	38.9	40.5

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+



**Table 7: Percentage of each Chronic Condition that is Female, 2005, 2010 and 2014**

Chronic Condition	% Female		
	2005	2010	2014
Fibromyalgia	83.0	79.2	81.6
Multiple Chemical Sensitivities	72.4	72.4	74.2
Migraines	70.6	70.4	71.2
Bowel Disorder	71.1	69.6	69.2
Scoliosis			67.7
Urinary Incontinence	68.9	67.5	67.1
Chronic Fatigue Syndrome	68.7	66.4	63.4
Anxiety Disorder	64.3	65.3	62.8
Mood Disorder	65.6	62.9	62.2
Arthritis	62.3	61.7	60.9
Asthma	59.0	58.5	57.5
Stomach or Intestinal Ulcers	53.3	50.5	56.0
COPD		55.9	55.4
Back problems	52.2	52.0	52.6
<b>Total Population</b>	<b>50.7</b>	<b>50.7</b>	<b>50.7</b>
Cancer	45.3	48.1	50.0
High blood pressure	53.4	51.1	48.6
Effects of a Stroke	47.8	47.9	48.6
Diabetes	46.0	42.5	44.3
Heart Disease	43.6	40.8	42.2

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+



## II. MEASURES OF DISABILITY



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*



**Table 8: Canadians Aged 12 and Older Needing Help with Tasks According to their Chronic Health Condition, 2010 and 2014**

Chronic Condition	% Needing Help with Tasks	
	2010	2014
Effects of a Stroke	54.7	52.0
Fibromyalgia	37.7	50.1
Chronic Fatigue Syndrome	47.2	47.7
Urinary Incontinence	44.6	41.6
COPD	31.0	36.2
Heart Disease	30.9	31.3
Stomach or Intestinal Ulcers	25.5	29.6
Cancer	30.0	29.4
Mood Disorder	28.5	27.5
Arthritis	25.9	26.1
Anxiety Disorder	26.5	25.9
Multiple Chemical Sensitivities	24.0	25.4
Bowel Disorder	23.5	24.8
Diabetes	22.7	23.8
Back problems	20.6	21.8
Scoliosis		19.3
High blood pressure	20.1	19.3
Migraines	15.6	17.0
Asthma	14.3	16.3
<b>Total Population</b>	<b>9.1</b>	<b>9.5</b>

Source: Statistics Canada, Canadian Community Health Survey, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

Needing help with tasks is comprised of six activities of daily living: needs help preparing meals, getting to appointments/running errands, doing housework, personal care, moving about inside the house, and looking after personal finances

Note: Definition changed after 2005 and 2005 results are not comparable



**Table 9: Canadians Aged 12 and Older Needing Help with Tasks According to their Chronic Health Condition by Age Group, 2014**

Chronic Condition	% Needing Help with Tasks		
	All Ages	<65	65+
Effects of a Stroke	52.0	41.3	59.7
Fibromyalgia	50.1	51.2	47.2
Chronic Fatigue Syndrome	47.7	43.3	58.8
Urinary Incontinence	41.6	35.7	45.9
COPD	36.2	31.2	41.7
Heart Disease	31.3	24.4	36.1
Stomach or Intestinal Ulcers	29.6	26.1	41.8
Cancer	29.4	27.1	31.4
Mood Disorder	27.5	24.8	44.5
Arthritis	26.1	21.2	31.9
Anxiety Disorder	25.9	23.9	40.5
Multiple Chemical Sensitivities	25.4	22.3	33.4
Bowel Disorder	24.8	20.7	40.0
Diabetes	23.8	17.4	30.7
Back problems	21.8	17.2	36.1
Scoliosis	19.3	15.5	38.1
High blood pressure	19.3	13.2	26.1
Migraines	17.0	15.4	35.0
Asthma	16.3	12.8	33.0
<b>Total Population</b>	<b>9.5</b>	<b>6.9</b>	<b>21.4</b>

Source: Statistics Canada, Canadian Community Health Survey, 2014, Public Use Microdata File

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

Needing help with tasks is comprised of six activities of daily living: needs help preparing meals, getting to appointments/running errands, doing housework, personal care, moving about inside the house, and looking after personal finances



**Table 10: Canadians Aged 12 and Older with a Mobility Problem According to their Chronic Health Condition, 2010 and 2014**

Chronic Condition	% with Mobility Problem	
	2010	2014
Effects of a stroke	36.8	36.0
Urinary incontinence	28.5	31.3
Chronic Fatigue Syndrome	21.5	26.1
COPD	20.7	24.8
Fibromyalgia	18.1	22.9
Heart disease	19.3	22.2
Arthritis	16.6	17.7
Cancer	17.5	17.4
Stomach or Intestinal Ulcers	11.0	16.2
Diabetes	15.1	15.8
High blood pressure	11.7	13.0
Bowel disorder	11.7	12.6
Back problems	10.5	12.1
Mood disorder	11.5	10.9
Multiple Chemical Sensitivities	11.1	10.1
Scoliosis		9.6
Anxiety disorder	9.9	9.4
Asthma	6.6	8.5
Migraines	4.6	6.4
<b>Total population</b>	<b>4.2</b>	<b>4.6</b>

Source: Statistics Canada, Canadian Community Health Survey, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

Mobility Problem = has mobility problem with no aid required, requires support/wheelchair or requires help/cannot walk

Note: In 2005 mobility was collected in British Columbia only and 2005 results are not comparable



**Table 11: Canadians Aged 12 and Older with Moderate or Severe Cognition Problems According to their Chronic Health Condition, 2010 and 2014**

Chronic Condition	% with Moderate or Severe Cognition Problems	
	2010	2014
Chronic Fatigue Syndrome	31.6	32.8
Mood Disorder	27.1	30.6
Effects of a Stroke	31.6	28.3
Anxiety Disorder	25.3	27.6
Fibromyalgia	20.4	23.3
Urinary Incontinence	21.6	21.4
Multiple Chemical Sensitivities	15.2	19.0
Stomach or Intestinal Ulcers	16.3	17.7
Migraines	13.0	16.4
COPD	15.2	15.8
Bowel Disorder	15.1	15.4
Back problems	12.1	14.2
Heart Disease	13.3	13.6
Arthritis	11.6	13.0
Asthma	10.5	13.0
Cancer	13.1	12.8
Scoliosis		11.6
Diabetes	11.3	11.3
High blood pressure	8.9	10.4
<b>Total Population</b>	<b>7.5</b>	<b>9.2</b>

Source: Statistics Canada, Canadian Community Health Survey, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

Moderate or Severe Cognition Problems = somewhat forgetful and some difficulty thinking, very forgetful or great deal of difficulty thinking, unable to remember or unable to think

Note: In 2005 having cognition problems was collected in British Columbia only and 2005 results are not comparable



**Table 12: Canadians Aged 12 and Older with Severe Pain According to their Chronic Health Condition, 2010 and 2014**

Chronic Condition	% with Severe Pain	
	2010	2014
Fibromyalgia	21.4	28.0
Chronic Fatigue Syndrome	26.2	26.6
Stomach or Intestinal Ulcers	11.5	16.5
COPD	16.8	15.6
Urinary Incontinence	14.7	13.2
Effects of a Stroke	18.1	13.0 <sup>E</sup>
Arthritis	12.2	12.3
Bowel Disorder	11.3	12.0
Multiple Chemical Sensitivities	10.1	11.5
Mood Disorder	12.7	11.4
Back problems	10.4	11.2
Heart Disease	11.8	10.4
Anxiety Disorder	11.5	10.0
Cancer	9.7 <sup>E</sup>	9.2 <sup>E</sup>
Migraines	7.3	8.4
Scoliosis		8.4
Diabetes	9.1	8.3
High blood pressure	6.7	6.9
Asthma	6.7	6.7
<b>Total Population</b>	<b>3.1</b>	<b>3.3</b>

Source: Statistics Canada, Canadian Community Health Survey, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

Severe pain = Pain prevents most activities

Note: In 2005 pain was collected in British Columbia only and 2005 results are not comparable



**Table 13: Canadians Aged 12 and Older with Moderate or Severe Pain According to their Chronic Health Condition, 2010 and 2014**

Chronic Condition	% with Moderate or Severe Pain	
	2010	2014
Fibromyalgia	44.4	56.2
Chronic Fatigue Syndrome	44.5	45.7
Stomach or Intestinal Ulcers	25.1	31.8
COPD	29.8	30.6
Arthritis	26.6	28.2
Urinary Incontinence	28.1	27.3
Back problems	23.4	25.7
Effects of a Stroke	29.9	24.7
Bowel Disorder	24.2	24.6
Multiple Chemical Sensitivities	24.9	24.3
Mood Disorder	24.3	24.1
Heart Disease	22.9	22.4
Anxiety Disorder	21.2	21.9
Migraines	16.5	19.7
Scoliosis		19.2
Cancer	20.3	18.8
Diabetes	18.3	18.1
High blood pressure	14.9	16.0
Asthma	13.6	14.6
<b>Total Population</b>	<b>7.4</b>	<b>8.4</b>

Source: Statistics Canada, Canadian Community Health Survey, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

Moderate or Severe pain = Pain prevents some or most activities

Note: In 2005 pain was collected in British Columbia only and 2005 results are not comparable



**Table 14: Canadians Aged 18-64 who are Permanently Unable to Work According to their Chronic Health Condition, 2005, 2010 and 2014**

Chronic Condition	% Permanently Unable to Work		
	2005	2010	2014
COPD		16.7	23.9
Fibromyalgia	15.0	20.8	22.8
Chronic Fatigue Syndrome	18.6	25.6	22.8
Effects of a Stroke	21.5	31.4 <sup>E</sup>	19.0 <sup>E</sup>
Urinary Incontinence	11.5	22.1	15.8
Mood Disorder	8.7	12.7	13.8
Heart Disease	10.8	16.1	13.0
Anxiety Disorder	8.5	11.7	10.9
Cancer	9.3 <sup>E</sup>	12.8 <sup>E</sup>	10.6 <sup>E</sup>
Stomach or Intestinal Ulcers	7.5	11.3	10.2
Diabetes	8.5	10.3	9.9
Arthritis	7.2	9.7	9.7
Bowel Disorder	6.5	8.9	8.5
Multiple Chemical Sensitivities	7.1	9.2 <sup>E</sup>	8.1 <sup>E</sup>
Back problems	4.6	7.3	7.5
High blood pressure	4.9	7.0	7.1
Migraines	3.8	5.0	7.1
Asthma	4.0	5.7	6.6
Scoliosis			4.8 <sup>E</sup>
<b>Total Population</b>	<b>1.9</b>	<b>2.7</b>	<b>2.8</b>

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)



### III. HEALTH CARE UTILIZATION



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*



**Table 15: Canadians Aged 12 and Older Having a Consultation with a Family Doctor in the Previous 12 Months According to their Chronic Health Condition, 2005, 2010, 2014**

Chronic Condition	% with Family Doctor Consultation		
	2005	2010	2014
Effects of a Stroke	90.5	93.0	93.1
Fibromyalgia	93.7	93.7	92.6
Heart Disease	90.6	93.5	92.3
Cancer	91.0	93.1	92.0
Diabetes	91.4	92.1	91.5
Mood Disorder	91.5	91.4	91.3
Urinary Incontinence	91.3	93.0	91.3
High blood pressure	91.0	90.9	90.8
COPD		91.3	90.2
Arthritis	89.4	91.1	89.1
Bowel Disorder	90.1	92.2	88.9
Anxiety Disorder	89.1	90.4	88.2
Stomach or Intestinal Ulcers	86.5	87.2	87.5
Chronic Fatigue Syndrome	91.2	91.9	87.4
Multiple Chemical Sensitivities	87.5	89.2	86.4
Back problems	84.3	87.0	85.1
Scoliosis			84.9
Migraines	84.1	84.9	83.6
Asthma	84.8	84.5	82.6
<b>Total Population</b>	<b>77.5</b>	<b>77.4</b>	<b>75.4</b>

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata File

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 16: Canadians Aged 12 and Older Having 10+ Consultations with a Family Doctor in the Previous 12 Months According to their Chronic Health Condition, 2005, 2010 and 2014**

Chronic Condition	% with 10+ Consultations with Family Doctor		
	2005	2010	2014
Fibromyalgia	26.1	25.2	22.1
Chronic Fatigue Syndrome	29.1	25.7	21.2
Stomach or Intestinal Ulcers	19.4	16.2	19.1
Cancer	23.0	16.7	17.9
Mood Disorder	24.4	20.9	17.2
Anxiety Disorder	22.1	18.6	16.7
COPD		18.8	16.7
Urinary Incontinence	19.5	16.4	15.6
Effects of a Stroke	26.3	21.6	15.5 <sup>E</sup>
Bowel Disorder	19.6	16.0	14.3
Heart Disease	19.7	15.8	13.7
Back problems	13.6	12.4	11.3
Arthritis	15.1	13.4	11.3
Migraines	14.3	12.8	11.0
Multiple Chemical Sensitivities	15.8	17.7	10.5
Diabetes	18.8	13.9	9.7
Asthma	13.6	11.4	9.4
Scoliosis			9.3
High blood pressure	13.7	11.1	8.7
<b>Total Population</b>	<b>7.4</b>	<b>5.9</b>	<b>5.1</b>

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 17: Canadians Aged 12 and Older Having a Consultation with a Specialist/Other Doctor in the Previous 12 Months According to their Chronic Health Condition, 2005, 2010, 2014**

Chronic Condition	% with Specialist/Other Doctor Consultation		
	2005	2010	2014
Cancer	71.9	72.8	74.1
Heart Disease	52.1	57.4	59.4
Chronic Fatigue Syndrome	50.0	57.1	58.9
Fibromyalgia	48.8	52.1	57.4
Effects of a Stroke	45.9	49.3	56.6
Bowel Disorder	48.6	54.3	55.3
COPD		51.3	53.6
Urinary Incontinence	46.7	53.0	53.5
Mood Disorder	47.3	54.4	51.5
Stomach or Intestinal Ulcers	40.4	45.5	51.0
Anxiety Disorder	44.1	51.2	48.4
Multiple Chemical Sensitivities	44.4	47.1	48.4
Arthritis	40.3	47.0	47.3
Diabetes	40.9	45.8	45.6
Scoliosis			43.9
Back problems	35.1	42.4	43.6
Migraines	35.0	40.1	41.5
High blood pressure	36.6	41.4	41.1
Asthma	34.8	39.8	40.7
<b>Total Population</b>	<b>26.5</b>	<b>30.3</b>	<b>30.9</b>

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 18: Canadians Aged 12 and Older Having 5+ Consultations with a Specialist/Other Doctor in the Previous 12 Months According to their Chronic Health Condition, 2005, 2010 and 2014**

Chronic Condition	% with 5+ Consultations with Specialist/Other Doctor		
	2005	2010	2014
Cancer	26.6	20.8	25.7
Fibromyalgia	11.9	15.3	17.9
Mood Disorder	15.6	17.2	17.5
Anxiety Disorder	14.2	15.3	15.4
Chronic Fatigue Syndrome	14.1	17.1	14.3
COPD		12.8	13.5
Bowel Disorder	10.2	12.5	12.9
Stomach or Intestinal Ulcers	8.4	9.8	11.6
Multiple Chemical Sensitivities	9.7	9.3	10.7
Urinary Incontinence	9.9	11.2	10.4
Heart Disease	8.6	9.2	10.1
Effects of a Stroke	8.7	10.2 <sup>E</sup>	9.4 <sup>E</sup>
Migraines	6.6	8.5	8.9
Back problems	5.9	8.5	8.6
Scoliosis			8.5
Asthma	6.8	8.5	8.4
Arthritis	6.7	8.1	8.1
Diabetes	7.3	7.2	7.5
High blood pressure	5.4	5.5	6.3
<b>Total Population</b>	<b>4.1</b>	<b>4.8</b>	<b>5.2</b>

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

#### **IV. Unmet Health Care and Unmet Home Care Needs**



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 19: Canadians Aged 12 and Older Reporting Unmet Health Care Needs According to their Chronic Health Condition, 2005, 2010 and 2014**

Chronic Condition	% with Unmet Health Care Needs		
	2005	2010	2014
Chronic Fatigue Syndrome	30.3	29.4	34.4
Fibromyalgia	25.8	30.7	28.9
Stomach or Intestinal Ulcers	22.1	22.4	25.7
Anxiety Disorder	25.2	26.8	25.2
Mood Disorder	26.1	25.4	24.3
Effects of a Stroke	15.6	20.9	22.9
Multiple Chemical Sensitivities	26.2	25.5	22.7
COPD		21.8	22.5
Bowel Disorder	22.3	21.8	22.1
Scoliosis			20.0
Cancer	13.1	15.5	19.5
Migraines	20.3	20.3	19.4
Back problems	19.1	20.1	18.6
Urinary Incontinence	18.7	19.7	17.3
Asthma	16.3	17.1	17.3
Arthritis	14.8	16.7	15.6
Heart Disease	13.1	13.4	11.6
<b>Total Population</b>	<b>11.3</b>	<b>11.4</b>	<b>11.2</b>
Diabetes	10.9	11.9	11.0
High blood pressure	11.1	11.3	10.7

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 20A: Canadians Aged 18 and Older Reporting Unmet Home Care Needs According to their Chronic Health Condition, 2005**

<b>Chronic Condition</b>	<b>% with Unmet Home Care Needs</b>
Chronic Fatigue Syndrome	14.0
Fibromyalgia	10.9
Effects of a Stroke	9.4
Urinary Incontinence	8.5
Multiple Chemical Sensitivities	7.1
Mood Disorder	6.7
Anxiety Disorder	6.7
Bowel Disorder	6.4
Heart Disease	5.6
Stomach or Intestinal Ulcers	5.1
Cancer	4.7 <sup>E</sup>
Diabetes	4.6
Arthritis	4.6
Back problems	4.0
Asthma	3.8
Migraines	3.7
High blood pressure	3.2
<b>Total Population</b>	<b>1.7</b>

Source: Statistics Canada, Canadian Community Health Survey, 2005, Public Use Microdata File

Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 20B: Ontarians Aged 18 and Older Reporting Unmet Home Care Needs According to their Chronic Health Condition, 2010**

<b>Chronic Condition</b>	<b>% with Unmet Home Care Needs</b>
Chronic Fatigue Syndrome	12.3 <sup>E</sup>
Effects of a Stroke	10.7
Stomach or Intestinal Ulcers	8.7
Fibromyalgia	7.8 <sup>E</sup>
Multiple Chemical Sensitivities	7.7 <sup>E</sup>
Anxiety Disorder	7.3
Mood disorder	7.0
Heart Disease	6.5
Bowel Disorder	6.4
Arthritis	6.1
COPD	6.0
Cancer	5.3 <sup>E</sup>
Diabetes	5.0
Back Problems	4.9
Migraine Headaches	4.4
High Blood Pressure	3.9
Asthma	3.8
<b>Total Population</b>	<b>1.9</b>

Source: Statistics Canada, Canadian Community Health Survey, 2010, Master Data File

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

COPD = ages 35+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

Respondents from Ontario



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*



**Table 20C: Canadians Aged 18 and Older Reporting Unmet Home Care Needs According to their Chronic Health Condition, 2014**

<b>Chronic Condition</b>	<b>% with Unmet Home Care Needs</b>
Fibromyalgia	16.0
Chronic Fatigue Syndrome	13.1
Effects of a Stroke	9.8 <sup>E</sup>
Urinary Incontinence	8.9
COPD	7.9
Multiple Chemical Sensitivities	7.7 <sup>E</sup>
Mood Disorder	7.2
Cancer	6.9 <sup>E</sup>
Stomach or Intestinal Ulcers	6.8 <sup>E</sup>
Anxiety Disorder	6.8
Heart Disease	6.7
Arthritis	6.5
Bowel Disorder	6.2
Diabetes	5.8
Back Problems	5.5
Migraine Headaches	4.1
High Blood Pressure	4.0
Scoliosis	3.9 <sup>E</sup>
Asthma	3.6
<b>Total Population</b>	<b>2.1</b>

Source: Statistics Canada, Canadian Community Health Survey, 2014, Master Data File

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

Respondents from Ontario, Quebec, Prince Edward Island



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

## **V. Measures of Socioeconomic Status and Social Impact**



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 21A: Canadians Aged 12 and Older Reporting Household Income Less Than \$20,000 Per Year According to their Chronic Health Condition, 2010**

<b>Chronic Condition</b>	<b>% with Household Income &lt; \$20,000 per year</b>
COPD	23.1
Chronic Fatigue Syndrome	21.9
Anxiety Disorder	19.6
Effects of a Stroke	19.6
Mood Disorder	18.6
Fibromyalgia	17.2
Urinary Incontinence	16.8
Multiple Chemical Sensitivities	16.2
Heart Disease	16.1
Diabetes	14.9
Stomach or Intestinal Ulcers	14.2
Arthritis	14.2
Asthma	13.3
High blood pressure	13.2
Bowel Disorder	13.1
Back problems	11.5
Cancer	11.3
Migraines	11.2
<b>Total Population</b>	<b>8.5</b>

Source: Statistics Canada, Canadian Community Health Survey, 2010, Public Use Microdata File

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 21B: Canadians Aged 12 and Older Reporting Household Income Less Than \$20,000 Per Year According to their Chronic Health Condition, 2014**

<b>Chronic Condition</b>	<b>% with Household Income &lt; \$20,000 per year</b>
Chronic Fatigue Syndrome	24.8
COPD	19.7
Effects of a Stroke	19.0
Fibromyalgia	18.0
Stomach or Intestinal Ulcers	15.9
Mood Disorder	15.1
Anxiety Disorder	14.3
Urinary Incontinence	13.9
Diabetes	12.5
Multiple Chemical Sensitivities	11.9
Arthritis	11.7
Scoliosis	11.6
Heart Disease	11.2
Bowel Disorder	11.0
Cancer	10.8
Asthma	10.5
Back problems	9.7
High blood pressure	9.2
Migraines	9.0
<b>Total Population</b>	<b>7.2</b>

Source: Statistics Canada, Canadian Community Health Survey, 2014, Public Use Microdata File  
 COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)  
 Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 22A: Canadians Aged 12 and Older Reporting Moderate or Severe Household Food Insecurity According to their Chronic Health Condition, 2010**

<b>Chronic Condition</b>	<b>% with Moderate or Severe Household Food Insecurity</b>
Mood Disorder	20.9
Anxiety Disorder	20.7
Chronic Fatigue Syndrome	20.4
Multiple Chemical Sensitivities	14.7
Migraines	14.3
COPD	13.1
Fibromyalgia	12.9
Stomach or Intestinal Ulcers	11.7
Asthma	11.2
Bowel Disorder	10.8
Effects of a Stroke	10.8 <sup>E</sup>
Back problems	10.5
Urinary Incontinence	8.6
Diabetes	8.3
Arthritis	8.3
<b>Total Population</b>	<b>6.9</b>
High blood pressure	6.0
Heart Disease	5.8
Cancer	4.7 <sup>E</sup>

Source: Statistics Canada, Canadian Community Health Survey, 2010, Public Use Microdata File

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

Respondents from all provinces and territories except for New Brunswick and Prince Edward Island



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 22B: Canadians Aged 12 and Older Reporting Moderate or Severe Household Food Insecurity According to their Chronic Health Condition, 2014**

<b>Chronic Condition</b>	<b>% with Moderate or Severe Household Food Insecurity</b>
Chronic Fatigue Syndrome	26.1
Fibromyalgia	25.4
Mood Disorder	21.7
Anxiety Disorder	21.1
Stomach or Intestinal Ulcers	18.3
COPD	16.9
Effects of a Stroke	15.4 <sup>E</sup>
Migraines	15.4
Multiple Chemical Sensitivities	14.1
Bowel Disorder	13.4
Asthma	12.0
Back problems	11.5
Urinary Incontinence	11.4
Diabetes	9.7
Arthritis	9.4
Scoliosis	8.4
Heart Disease	8.2
<b>Total Population</b>	<b>7.7</b>
High blood pressure	6.8
Cancer	5.7 <sup>E</sup>

Source: Statistics Canada, Canadian Community Health Survey, 2014, Public Use Microdata File

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)

Respondents from Alberta, New Brunswick, Nova Scotia, Ontario, Prince Edward Island, Quebec, Saskatchewan



*All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.*

**Table 23: Canadians Aged 12 and Older Reporting a Very Weak Sense of Community Belonging According to their Chronic Health Condition, 2005, 2010 and 2014**

Chronic Condition	% with Very Weak Sense of Community Belonging		
	2005	2010	2014
Chronic Fatigue Syndrome	19.0	18.1	21.1
Fibromyalgia	13.4	16.1	18.8
Mood Disorder	17.5	17.5	17.9
Anxiety Disorder	17.0	18.0	17.3
Effects of a Stroke	17.5	11.7 <sup>E</sup>	16.5 <sup>E</sup>
COPD		14.8	16.1
Bowel Disorder	11.1	11.6	12.9
Stomach or Intestinal Ulcers	14.2	14.9	12.5
Urinary Incontinence	14.1	12.9	12.2
Asthma	10.3	11.5	11.8
Heart Disease	12.9	11.3	11.3
Multiple Chemical Sensitivities	13.2	13.4	10.5
Back problems	11.1	10.9	10.4
Migraines	11.4	11.3	10.3
Cancer	11.4	10.8	9.8 <sup>E</sup>
Diabetes	11.4	11.1	9.8
Arthritis	10.6	11.9	9.0
Scoliosis			8.7
High blood pressure	10.0	9.8	8.3
<b>Total Population</b>	<b>9.6</b>	<b>9.0</b>	<b>7.6</b>

Source: Statistics Canada, Canadian Community Health Survey, 2005, 2010, 2014, Public Use Microdata Files

COPD = Chronic Obstructive Pulmonary Disease (including Chronic Bronchitis and Emphysema)

Arthritis = ages 15+; COPD = ages 35+; Urinary Incontinence = ages 25+

<sup>E</sup> Use with caution (Coefficient of Variation between 16.6% and 33.3%)



All computations, use and interpretation of these data are entirely that of the National ME/FM Action Network.