# Table of Contents

- General Information 3-5  
- Total number & number/100,000 population by province, 2019 6  
- Number/100,000 population, 2007-2019 7  
- Number by gender & year, 2007-2019 8  
- Percentage by gender & age, 2019 9  
- Number by gender & age, 2019 10  
- Percentage by main work setting, 2019 11  
- Percentage by practice organization, 2017 12  
- Hours worked per week (excluding on-call), 2019 13  
- On-call duty hours per month, 2019 14  
- Percentage by remuneration method 15  
- Professional & work-life balance satisfaction, 2019 16  
- Employment situation, 2017 17  
- Links to additional resources 18
General information

Critical Care Medicine is the practice of multidisciplinary medicine with patients who have sustained, or are at risk of sustaining life threatening, single or multiple organ system failure due to disease or injury. Critical care medicine seeks to provide for the needs of these patients through immediate and continuous observation and intervention in order to restore health and prevent complications.

A specialist in adult critical care medicine is a physician or surgeon who is competent in all aspects of recognizing and managing acutely ill adult patients with single or multiple organ system failure requiring ongoing monitoring and support.

Pediatric critical care medicine is concerned with infants, children and adolescents who have sustained, or are at risk of sustaining life threatening, single or multiple organ system failure due to disease or injury.
General information

Pediatric critical care medicine seeks to provide for the needs of these patients through immediate and continuous observation and intervention so as to restore health and prevent complications.

A specialist in pediatric critical care medicine is a physician or surgeon who is competent in all aspects of recognizing and managing acutely ill pediatric patients with single or multiple organ system failure requiring ongoing monitoring and support.

Members hold base specialty certification in anaesthesia, medicine, paediatrics, emergency medicine or surgery and some surgical subspecialties such as cardiac surgery and neurosurgery.
General information

For further details on training requirements please go to:

Royal College of Physicians and Surgeons of Canada
Canadian Critical Care Society

Source: Pathway evaluation program
## Total number & number/100,000 population by province, 2019

<table>
<thead>
<tr>
<th>Province/Territory</th>
<th>Physicians</th>
<th>Phys/100k pop’n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newfoundland/Labrador</td>
<td>5</td>
<td>1.0</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>10</td>
<td>1.0</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>1</td>
<td>0.1</td>
</tr>
<tr>
<td>Quebec</td>
<td>120</td>
<td>1.4</td>
</tr>
<tr>
<td>Ontario</td>
<td>204</td>
<td>1.4</td>
</tr>
<tr>
<td>Manitoba</td>
<td>26</td>
<td>1.9</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>15</td>
<td>1.3</td>
</tr>
<tr>
<td>Alberta</td>
<td>60</td>
<td>1.4</td>
</tr>
<tr>
<td>British Columbia</td>
<td>50</td>
<td>1.0</td>
</tr>
<tr>
<td>Territories</td>
<td>0</td>
<td>0.0</td>
</tr>
<tr>
<td>CANADA</td>
<td>491</td>
<td>1.3</td>
</tr>
</tbody>
</table>

Source: 2019 CMA Masterfile
Number/100,000 population, 2007 to 2019

Source: 2007-2019 CMA Masterfiles
Number by gender & year, 2007 to 2019

Source: 2007-2019 CMA Masterfiles
Percentage by gender & age, 2019

Gender

- Male: 71%
- Female: 29%

Age Group

- 65+: 68%
- 55 - 64: 9%
- 45 - 54: 3%
- 35 - 44: 20%
- < 35: Excludes those where gender or age is unknown.

Source: 2019 CMA Masterfile
Number by gender & age, 2019

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>65+</td>
<td>[VALUE]</td>
<td>[VALUE]</td>
</tr>
<tr>
<td>55-64</td>
<td>12</td>
<td>21</td>
</tr>
<tr>
<td>45-54</td>
<td>21</td>
<td>72</td>
</tr>
<tr>
<td>35-44</td>
<td>97</td>
<td>215</td>
</tr>
<tr>
<td>&lt;35</td>
<td>14</td>
<td>28</td>
</tr>
</tbody>
</table>

Excludes those where gender or age is unknown.
Source: 2019 CMA Masterfile
**Percentage by main work setting, 2019**

- **Academic Health Sciences Centre**: 59%
- **Non-AHSC Teaching Hospital**: 20%
- **Non-AHSC Teaching Hospital**: 20%
- **Admin/Corp office**: 2%

Source: 2019 CMA Physician Workforce Survey. Canadian Medical Association
Percentage by practice organization, 2017*

- Solo Practice: 1%
- Group Practice: 99%
- Interprofessional Practice
- Hospital-based Practice
- NR

*Most recent available data for this specialty
Source: 2017 CMA Workforce Survey. Canadian Medical Association
## Hours worked per week (excluding on-call), 2019

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hours worked per week</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct patient care without teaching component</td>
<td>18.4</td>
</tr>
<tr>
<td>Direct patient care with teaching component</td>
<td>28.2</td>
</tr>
<tr>
<td>Teaching without patient care</td>
<td>2.5</td>
</tr>
<tr>
<td>Indirect patient care</td>
<td>4.8</td>
</tr>
<tr>
<td>Health facility committees</td>
<td>1.8</td>
</tr>
<tr>
<td>Administration</td>
<td>6.3</td>
</tr>
<tr>
<td>Research</td>
<td>4.0</td>
</tr>
<tr>
<td>Managing practice</td>
<td>1.4</td>
</tr>
<tr>
<td>Continued professional development</td>
<td>4.5</td>
</tr>
<tr>
<td>Other</td>
<td>0.1</td>
</tr>
<tr>
<td><strong>TOTAL HOURS PER WEEK</strong></td>
<td><strong>62.0</strong></td>
</tr>
</tbody>
</table>

Source: 2019 CMA Physician Workforce Survey. Canadian Medical Association
On-call duty hours per month, 2019

- 96% provide on-call services
- On-call hours = 129 hours/month
- On-call hours spent in direct patient care = 79 hours/month

Source: 2019 CMA Physician Workforce Survey. Canadian Medical Association
Percentage by remuneration method

Primary payment method\(^1\) in 2017

- 90% + fee-for-service: 61%
- 90% + salary: 32%
- 90% + other*: 2%
- Blended: 5%
- NR: 0%

Average gross fee-for-service payment per physician for all medical specialties in 2017/18 (those earning at least $60,000) = $390,125\(^2\)

*Other includes capitation, sessional, contract and other methods

1 2017 CMA Workforce Survey. Canadian Medical Association

2 National Physician Database, 2015/16, CIHI
Professional & work-life balance satisfaction, 2019

Balance of personal & professional commitments

- Dissatisfied or very dissatisfied: 28%
- Neutral: 26%
- Satisfied or very satisfied: 46%

Current professional life

- Dissatisfied or very dissatisfied: 9%
- Neutral: 9%
- Satisfied or very satisfied: 83%

Source: 2019 CMA Physician Workforce Survey. Canadian Medical Association
Employment situation, 2017

- 29% Overworked in my discipline
- 68% Employed in my discipline to my satisfaction
- 3% Underemployed in my discipline
- 3% Not employed in my discipline
- 3% No response

Source: 2017 CMA Workforce Survey. Canadian Medical Association
Links to additional resources

- Association of Faculties of Medicine of Canada
- Canadian Institute for Health Information
- Canadian Medical Association’s Physician Data Centre
- Canadian Post-MD Education Registry (CAPER)
- College of Family Physicians of Canada
- National Physician Survey (2004-2014)
- Royal College of Physicians and Surgeons of Canada