

Marco Bijvank, CORS Secretary  
6 April 2022

**RE: Canadian Operational Research Society  
Annual Membership Report 2021–2022**

Dear Marco,

I am pleased to submit a copy of the 2021–2022 Annual Membership Report of the Canadian Operational Research Society for the CORS Council consideration. It documents the membership activities experienced by the Society over the past year. Included are historical statistics for the last 10 years. The report provides Council with the information it needs to assess the health and well-being of the Society; to monitor the effectiveness of membership processes and practices; and to identify areas where policy initiatives or changes may be required.

Sincerely,

Erla Anderson  
CORS Membership Services

**OVERALL**

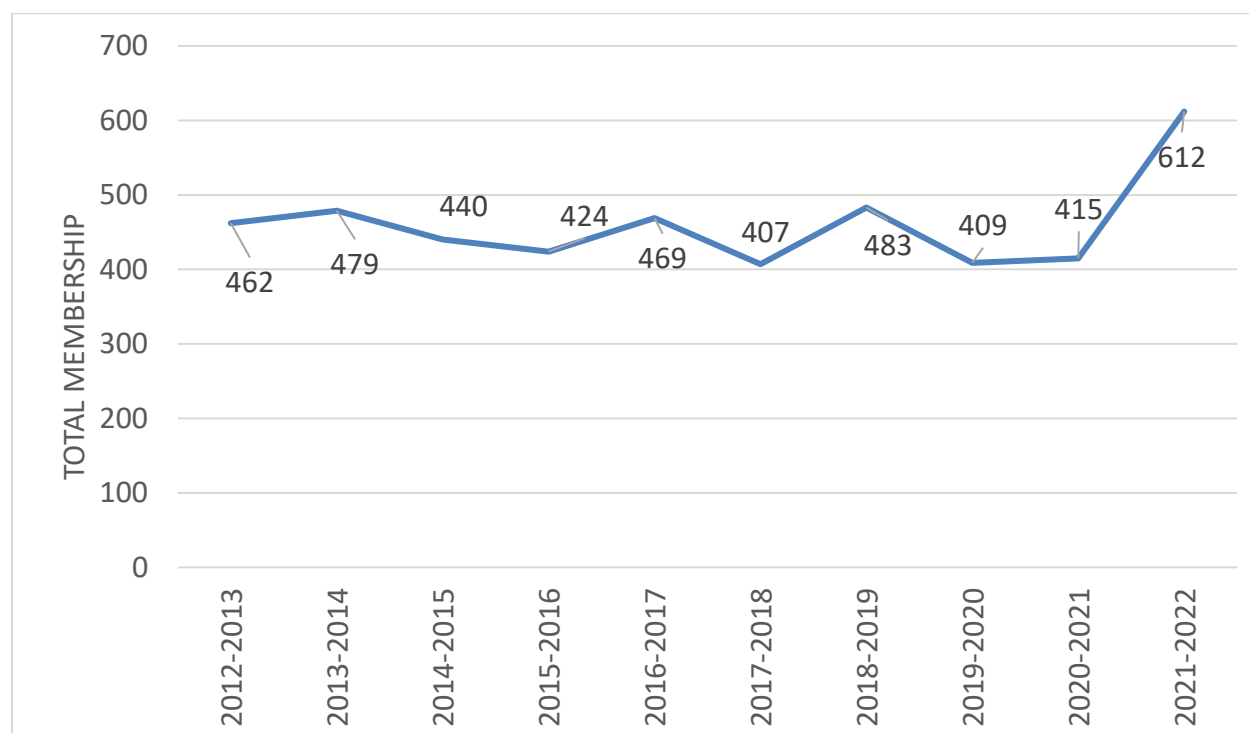
As shown in Table 1 and Figure 1, total membership in the Canadian Operational Research Society at the end of the 2021–2022 membership year (March 31) was 612<sup>1</sup>, which was 197 more than the 2020–2021 membership year representing the highest increase in 10 years of 47.5%.

Membership retention and efforts to encourage former members to rejoin should remain a priority for the society.

**Table 1: CORS Membership 2012–2013 to 2022–2022 as of March 31**

| <b>Membership Year</b> | <b>Total Membership</b> | <b>Change in Membership</b> | <b>Growth Rate</b> |
|------------------------|-------------------------|-----------------------------|--------------------|
| 2012–2013              | 462                     | –11                         | –2.3%              |
| 2013–2014              | 479                     | 17                          | 3.7%               |
| 2014–2015              | 440                     | –39                         | –8.1%              |
| 2015–2016              | 424                     | –16                         | –3.6%              |
| 2016–2017              | 469                     | 45                          | 10.6%              |
| 2017–2018              | 407                     | –62                         | –13.2%             |
| 2018–2019              | 483                     | 76                          | 18.7%              |
| 2019–2020              | 409                     | –74                         | –15.3%             |
| 2020–2021              | 415                     | +6                          | 1.5%               |
| 2021–2022              | 612                     | +197                        | 47.5%              |

**Figure 1: CORS Membership 2012–2013 to 2021–2022 as of March 31**



<sup>1</sup> See the “Discontinued Members” section for details.

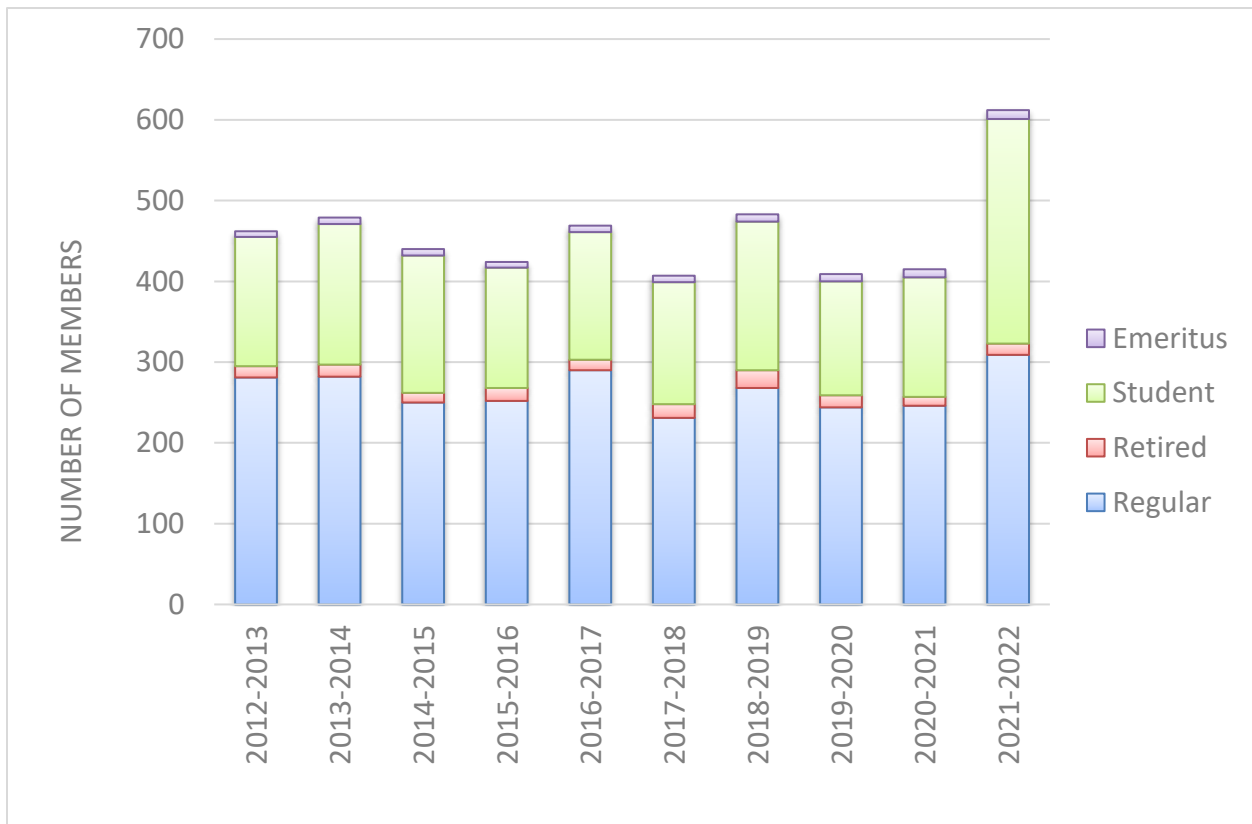
### **MEMBERSHIP BY MEMBER TYPE**

The distribution of CORS membership by member type is presented by absolute number in Table 2, by percentage of total membership in Table 3 and graphically in Figure 2. In the 2021–2022 membership year, 309 or 51% of the membership were Regular Members, 14 or 2% were Retired Members, 278 or 45% were Student Members, and 11 or 2% were Emeritus Members. Efforts should continue to recruit student members to the Society by 1) CORS members in academia promoting the benefits of membership to their students, 2) coordinators promoting the CORS Diploma at their institutions, 3) practical application articles in the CORS Bulletin, and 4) professional development activities/opportunities by local chapters.

*Table 2: CORS Membership by Member Type 2012–2013 to 2021–2022*

| <i>Member Type</i> | <i>2012–2013</i> | <i>2013–2014</i> | <i>2014–2015</i> | <i>2015–2016</i> | <i>2016–2017</i> | <i>2017–2018</i> | <i>2018–2019</i> | <i>2019–2020</i> | <i>2020–2021</i> | <i>2021–2022</i> |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Regular            | 281              | 282              | 250              | 252              | 290              | 231              | 268              | 244              | 246              | 309              |
| Retired            | 14               | 15               | 12               | 16               | 13               | 17               | 22               | 15               | 11               | 14               |
| Student            | 160              | 174              | 170              | 149              | 158              | 151              | 184              | 141              | 148              | 278              |
| Emeritus           | 7                | 8                | 8                | 7                | 8                | 8                | 9                | 9                | 10               | 11               |
| Total              | 462              | 479              | 440              | 424              | 469              | 407              | 483              | 409              | 415              | 612              |

*Figure 2: CORS Membership by Member Type 2012–2013 to 2021–2022*





**MEMBERSHIP BY SECTION AND CHAPTER**

The distribution of the Society’s membership by section and chapter is presented in Table 4. The term “chapter” is used for student groupings. The International Section consists of members living outside of Canada. For the first time in 10 years, members living outside of Canada constitute the largest group, at 68. The SW Ontario and Toronto Section are the largest with 67 each or 11% each of the total membership.

The distribution of the Society’s membership by section and member type as of March 31 is presented in Table 5 and Figure 3. Fifteen (15) sections and chapters experienced a gain in members over the 2020–2021 membership year. Members who live outside of Canada constituted the group with the largest gain (+35). The Toronto Student Chapter gained 30 members, and the Montreal Student Chapter gained 28. There was a loss in members in one section. The Winnipeg Section has one member.

The Toronto Section and Montreal Section (including the Student Chapters) have the largest number of Student Members at 59 each or 21% each of the student membership, followed by the SW Ontario Section (including Waterloo Student Chapter at 49 or 18%. One Emeritus Membership was awarded in the 2021–2022 membership year.

**Table 4: CORS Membership by Section (Chapter) 2012–2013 to 2021–2022**

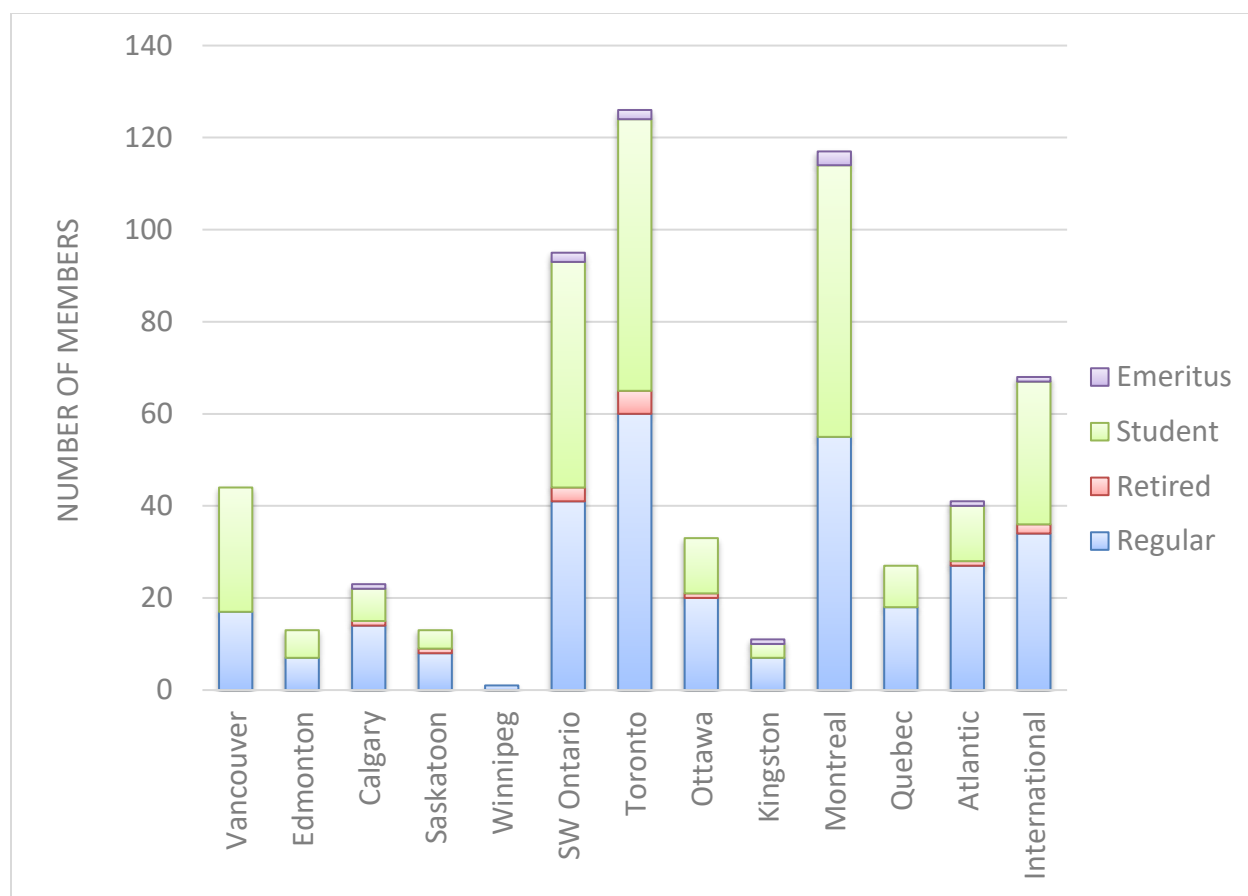
| <i>Section (Chapter)</i> | <i>2012–2013</i> | <i>2013–2014</i> | <i>2014–2015</i> | <i>2015–2016</i> | <i>2016–2017</i> | <i>2017–2018</i> | <i>2018–2019</i> | <i>2019–2020</i> | <i>2020–2021</i> | <i>2021–2022</i> |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Vancouver                | 57               | 77               | 34               | 28               | 37               | 18               | 24               | 25               | 23               | 44               |
| Edmonton                 | 18               | 19               | 11               | 14               | 16               | 11               | 10               | 11               | 9                | 13               |
| Calgary                  | 23               | 23               | 24               | 26               | 34               | 23               | 27               | 22               | 19               | 23               |
| Saskatoon                | 12               | 13               | 12               | 9                | 10               | 12               | 18               | 15               | 15               | 13               |
| Winnipeg                 | 8                | 5                | 4                | 8                | 10               | 4                | 5                | 2                | 1                | 1                |
| SW Ontario               | 55               | 55               | 53               | 58               | 63               | 40               | 49               | 46               | 48               | 67               |
| Waterloo Student         | 8                | 9                | 11               | 7                | 14               | 23               | 24               | 21               | 25               | 28               |
| Toronto                  | 64               | 58               | 53               | 51               | 62               | 55               | 63               | 57               | 54               | 67               |
| Toronto Student          | 35               | 26               | 29               | 25               | 25               | 24               | 38               | 29               | 29               | 59               |
| Ottawa                   | 30               | 29               | 36               | 23               | 16               | 14               | 26               | 19               | 21               | 33               |
| Kingston                 | 9                | 10               | 13               | 11               | 13               | 12               | 11               | 7                | 6                | 11               |
| Montreal                 | 62               | 70               | 76               | 80               | 41               | 38               | 45               | 42               | 46               | 58               |
| Montreal Student         | -                | -                | -                | -                | 26               | 40               | 39               | 30               | 31               | 59               |
| Quebec                   | 25               | 29               | 31               | 19               | 17               | 14               | 12               | 15               | 16               | 18               |
| Quebec Student           | -                | -                | -                | 13               | 11               | 15               | 13               | 8                | 7                | 9                |
| Atlantic                 | 27               | 25               | 29               | 26               | 33               | 34               | 43               | 32               | 32               | 41               |
| International            | 26               | 27               | 20               | 20               | 37               | 26               | 36               | 28               | 33               | 68               |
| Total                    | 462              | 479              | 440              | 424              | 469              | 407              | 483              | 409              | 415              | 612              |

**Table 5: CORS Membership by Section and Member Type March 31, 2022**

| <i>Section</i> | <i>Regular</i> | <i>Retired</i> | <i>Student</i> | <i>Emeritus</i> | <i>Total</i> |
|----------------|----------------|----------------|----------------|-----------------|--------------|
| Vancouver      | 17             | -              | 27             | -               | 44           |
| Edmonton       | 7              | -              | 6              | -               | 13           |
| Calgary        | 14             | 1              | 7              | 1               | 23           |
| Saskatoon      | 8              | 1              | 4              | -               | 13           |
| Winnipeg       | 1              | -              | -              | -               | 1            |
| SW Ontario***  | 41             | 3              | 49             | 2               | 95           |
| Toronto****    | 60             | 5              | 59             | 2               | 126          |
| Ottawa         | 20             | 1              | 12             | -               | 33           |
| Kingston       | 7              | -              | 3              | 1               | 11           |
| Montreal*      | 55             | -              | 59             | 3               | 117          |
| Quebec**       | 18             | -              | 9              | -               | 27           |
| Atlantic       | 27             | 1              | 12             | 1               | 41           |
| International  | 34             | 2              | 31             | 1               | 68           |
| <b>Total</b>   | <b>309</b>     | <b>14</b>      | <b>278</b>     | <b>11</b>       | <b>612</b>   |

\*Includes Montreal Student Chapter. \*\*Includes Quebec Student Chapter.

\*\*\*Includes Waterloo Student Chapter. \*\*\*\*Includes Toronto Student Chapter.

**Figure 3: CORS Membership by Section and Member Type March 31, 2022**

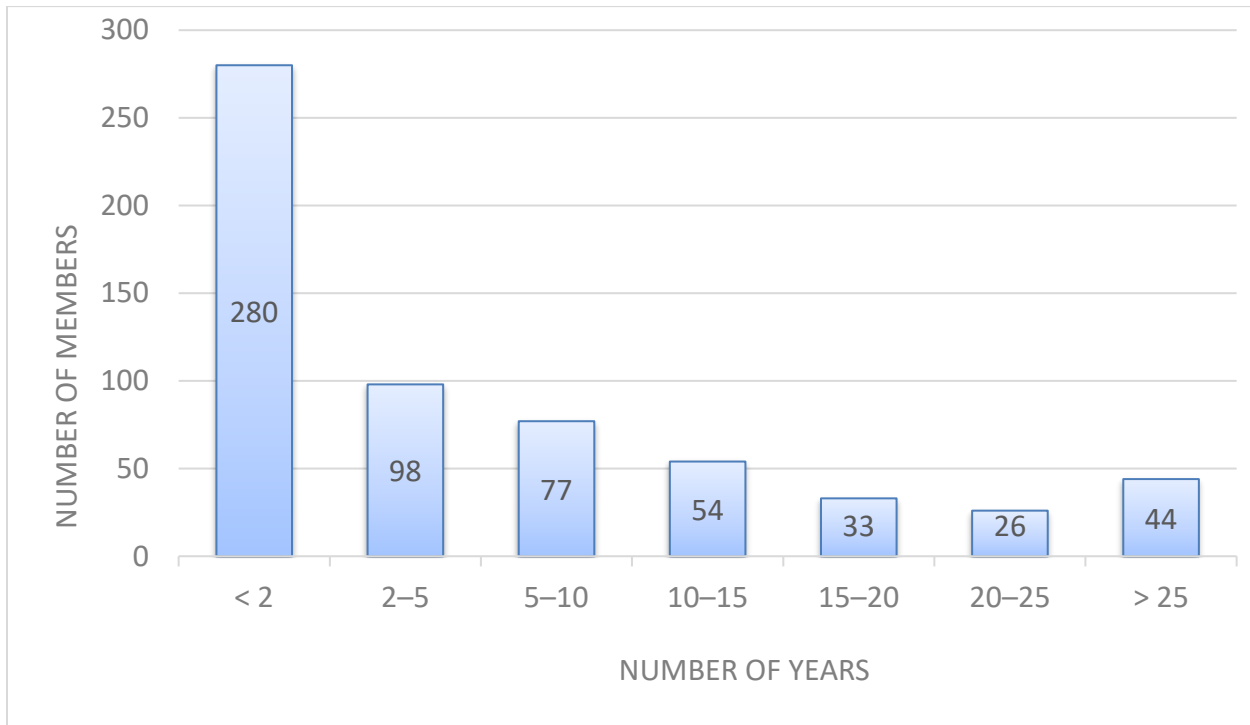
**DURATION OF MEMBERSHIP**

Table 6 and Figure 4 provide a snapshot of the CORS membership based on how long an individual has retained membership in the Society. In the 2021–2022 membership year, 280 (46%) had been in the Society for two years or less. In the 2020–2021 membership year, this category constituted 33% of the membership. The percentage of members in the 2–5-year category stayed the same as last year, at 16%.

**Table 6: CORS Membership by Duration of Membership in the Society as of March 31, 2022**

| <i>Duration of Membership</i> | <i>Regular</i> | <i>Retired</i> | <i>Student</i> | <i>Emeritus</i> | <i>Total</i> |
|-------------------------------|----------------|----------------|----------------|-----------------|--------------|
| 2 Years or Less               | 72             | 2              | 206            | -               | 280          |
| 2–5 Years                     | 40             | 1              | 57             | -               | 98           |
| 5–10 Years                    | 61             | 1              | 15             | -               | 77           |
| 10–15 Years                   | 53             | 1              | -              | -               | 54           |
| 15–20 Years                   | 28             | 1              | -              | 4               | 33           |
| 20–25 Years                   | 26             | -              | -              | -               | 26           |
| More than 25 Years            | 29             | 8              | -              | 7               | 44           |
| Total                         | 309            | 14             | 278            | 11              | 612          |

**Figure 4: CORS Membership by Duration of Membership in the Society as of March 31, 2022**



### **NEW MEMBERSHIPS**

As shown in Table 7 and in Figure 5, the number of people who joined the society in the 2021–2022 membership year was 308, which is 172 more than in the 2020–2021 membership year. Included in the number of new memberships are 57 memberships that were reinstated, i.e., individuals who rejoined the Society after a lapse in their membership. The actual number of “new” members, i.e., individuals with no previous association with CORS, is therefore 251. In the tables and figures below, reinstated memberships are included with the new memberships. As shown in Table 8 and in Figure 6, the number of new Regular Members who joined was 97 (53 more than in the 2020–2021 membership year). The number of new Student Members was 208 (117 more than in the 2020–2021 membership year). There were three new Retired Members.

The CORS Diploma program, requiring membership, has proven over the years to be effective in the recruitment of Student members. Over the past three membership years, the number of CORS Diplomas issued was 36 in 2021–2022, 12 in 2020–2021, and 12 in 2019–2020. Students can request to apply for the CORS Diploma on the CORS membership form: 76 requests were received during the 2021–2022 membership year, with some applications still in process.

A distribution of the new memberships by section (chapter) over the past several membership years is presented in Table 9. For the 2021–2022 membership year, this distribution is shown in Table 10 and in Figure 7. The Montreal Section (including students) had the greatest number of new memberships with 64 or 21% of the new memberships. The Toronto Section (including students) was second largest, with 55 or 18% of the new memberships. The SW Ontario Section (including students) was third largest, with 31 or 10% of the new memberships, The Vancouver Section also had 10% of the new memberships.

*Table 7: New CORS Memberships 2012–2013 to 2021–2022*

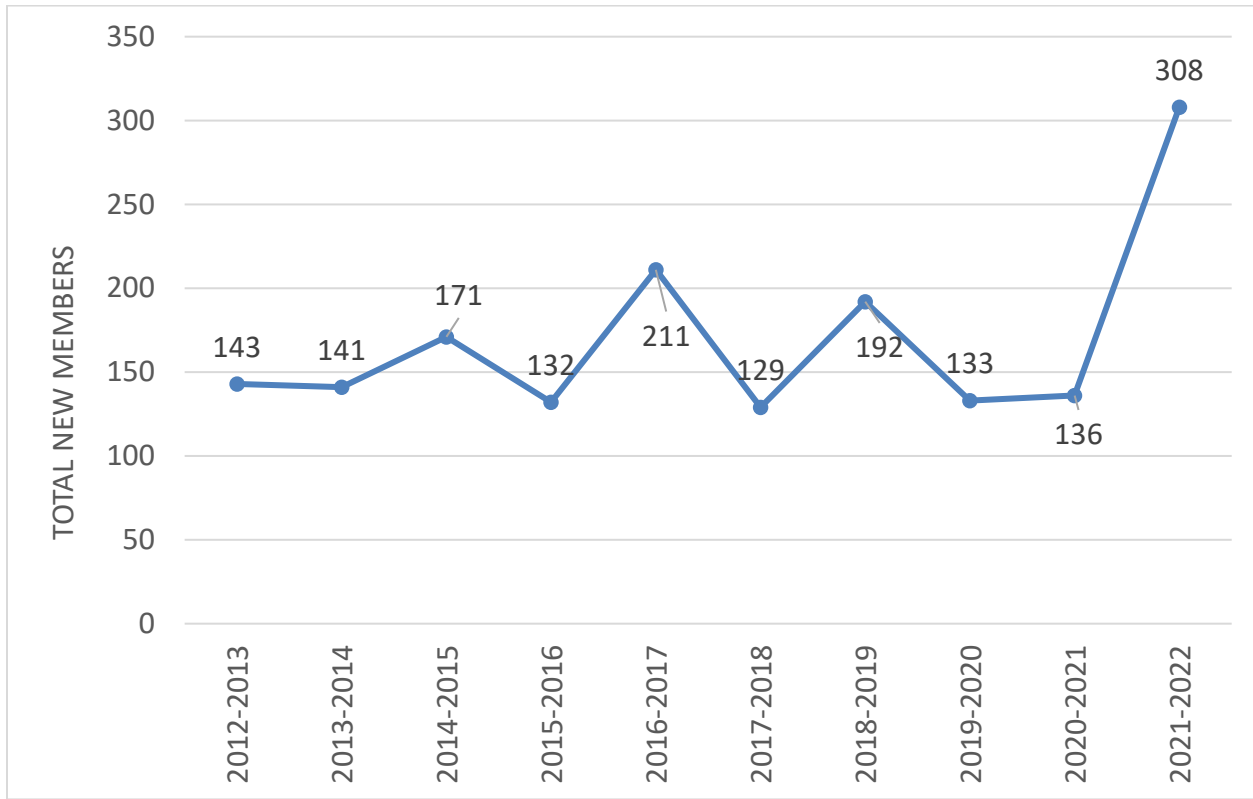
| <i>Membership Year</i> | <i>Total New Members</i> |
|------------------------|--------------------------|
| 2012–2013              | 143                      |
| 2013–2014              | 141                      |
| 2014–2015              | 171                      |
| 2015–2016              | 132                      |
| 2016–2017              | 211                      |
| 2017–2018              | 129                      |
| 2018–2019              | 192                      |
| 2019–2020              | 133                      |
| 2020–2021              | 136                      |
| 2021–2022              | 308                      |

*Table 8: New CORS Memberships by Member Type 2012–2013 to 2021–2022*

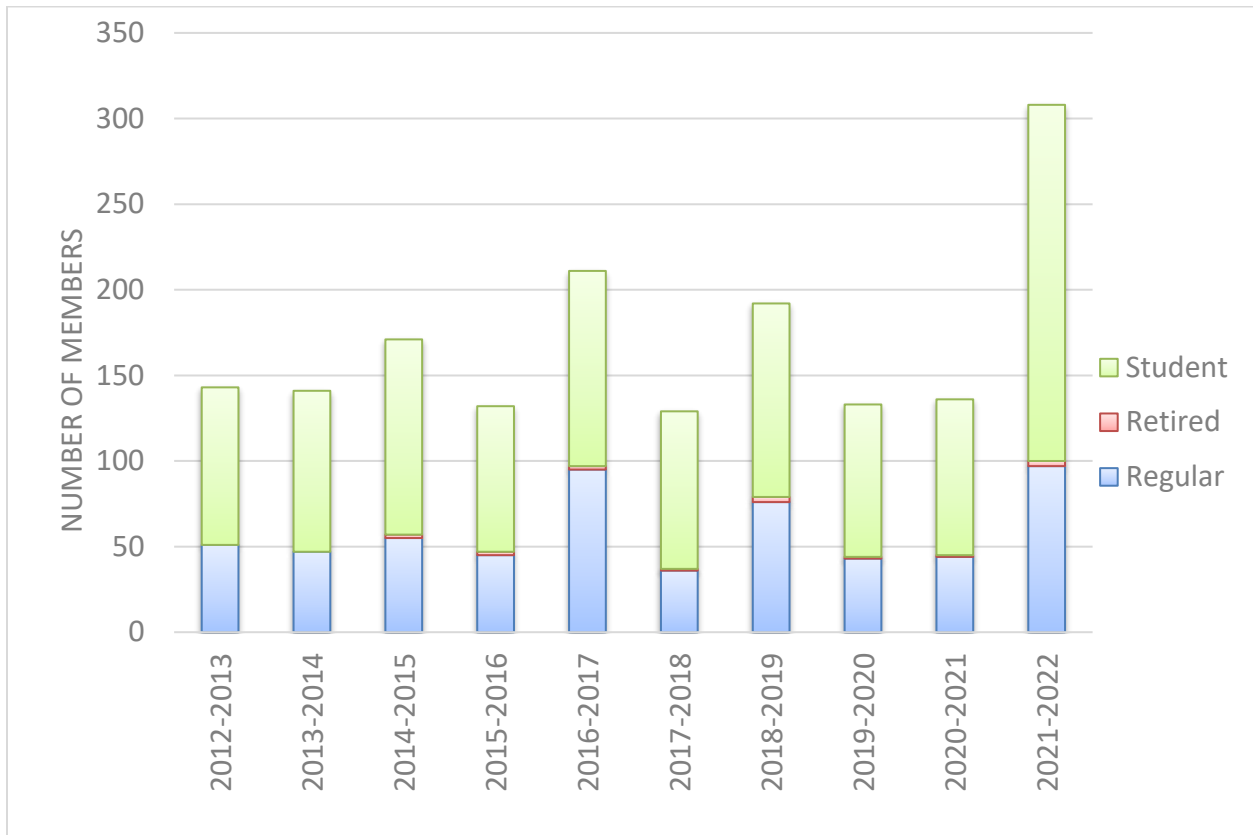
| <i>Member Type</i> | <i>2012–2013</i> | <i>2013–2014</i> | <i>2014–2015</i> | <i>2015–2016</i> | <i>2016–2017</i> | <i>2017–2018</i> | <i>2018–2019</i> | <i>2019–2020</i> | <i>2020–2021</i> | <i>2021–2022</i> |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Regular            | 51               | 47               | 55               | 45               | 95               | 36               | 76               | 43               | 44               | 97               |
| Retired            | -                | -                | 2                | 2                | 2                | 1                | 3                | 1                | 1                | 3                |
| Student            | 92               | 94               | 114              | 85               | 114              | 92               | 113              | 89               | 91               | 208              |
| Total              | 143              | 141              | 171              | 132              | 211              | 129              | 192              | 133              | 136              | 308              |



*Figure 5: New CORS Memberships 2012–2013 to 2021–2022*



**Figure 6: New CORS Memberships by Member Type 2012–2013 to 2021–2022**



*Table 9: New CORS Memberships by Section (Chapter) 2012–2013 to 2021–2022*

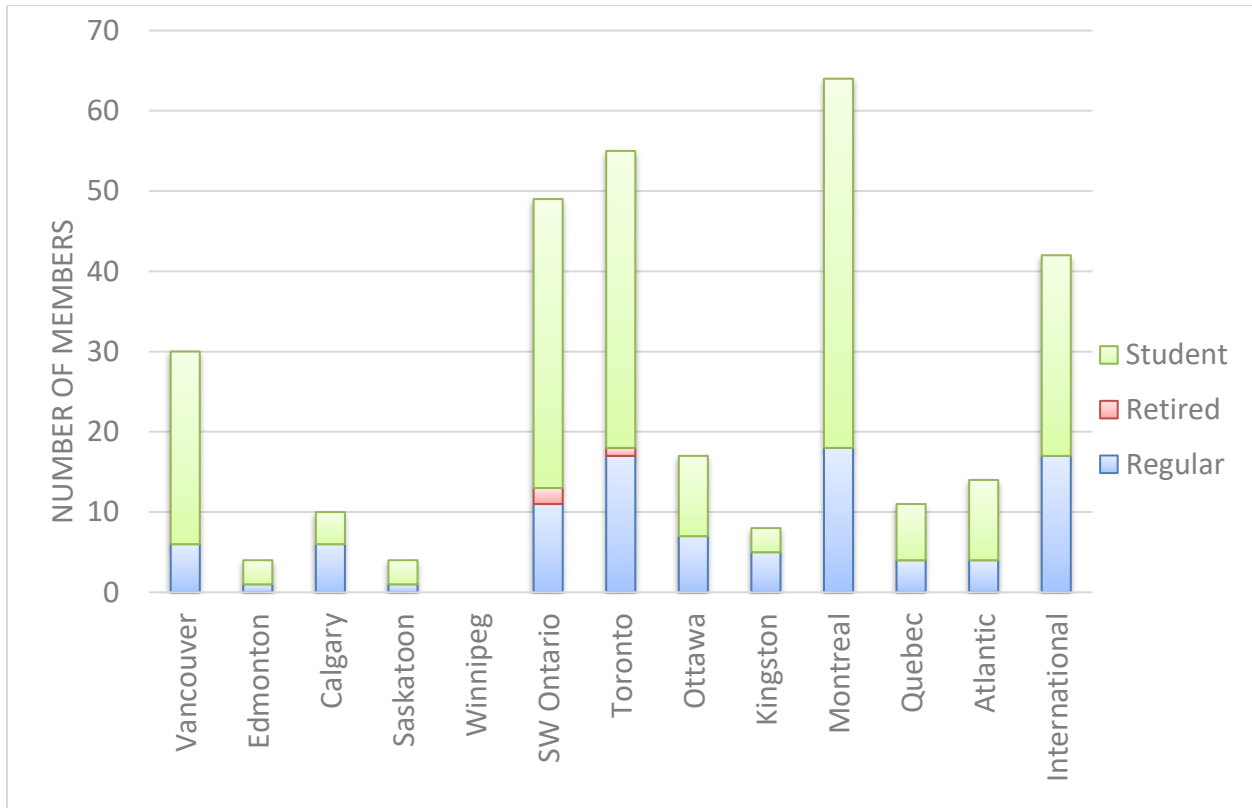
| <i>Section (Chapter)</i> | <i>2012–2013</i> | <i>2013–2014</i> | <i>2014–2015</i> | <i>2015–2016</i> | <i>2016–2017</i> | <i>2017–2018</i> | <i>2018–2019</i> | <i>2019–2020</i> | <i>2020–2021</i> | <i>2021–2022</i> |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Vancouver                | 20               | 47               | 14               | 12               | 23               | 3                | 11               | 13               | 12               | 30               |
| Edmonton                 | 6                | 7                | 2                | 6                | 8                | 4                | 2                | 4                | 1                | 4                |
| Calgary                  | 7                | 5                | 8                | 11               | 22               | 6                | 9                | 5                | 5                | 10               |
| Saskatoon                | 1                | 1                | 2                | 1                | 4                | 4                | 9                | 3                | 2                | 4                |
| Winnipeg                 | 5                | 2                | -                | 3                | 5                | 1                | 2                | 1                | -                | -                |
| SW Ontario               | 23               | 10               | 17               | 18               | 25               | 8                | 16               | 15               | 14               | 31               |
| Waterloo Student         | 5                | 4                | 7                | 3                | 10               | 13               | 14               | 11               | 12               | 18               |
| Toronto                  | 7                | 4                | 11               | 5                | 16               | 7                | 13               | 6                | 8                | 18               |
| Toronto Student          | 21               | 12               | 22               | 14               | 20               | 17               | 26               | 22               | 17               | 37               |
| Ottawa                   | 12               | 6                | 18               | 2                | 3                | 4                | 13               | 5                | 6                | 17               |
| Kingston                 | 1                | -                | 8                | 2                | 4                | 3                | 6                | 2                | 2                | 8                |
| Montreal                 | 16               | 20               | 30               | 32               | 10               | 5                | 11               | 6                | 9                | 18               |
| Montreal Student         | -                | -                | -                | -                | 13               | 22               | 19               | 19               | 18               | 46               |
| Quebec                   | 5                | 7                | 12               | 1                | 1                | 2                | -                | 1                | 3                | 4                |
| Quebec Student           | -                | -                | -                | 8                | 6                | 7                | 4                | 4                | 4                | 7                |
| Atlantic                 | 7                | 2                | 11               | 2                | 13               | 11               | 16               | 6                | 7                | 14               |
| International            | 5                | 12               | 8                | 10               | 26               | 12               | 21               | 10               | 16               | 42               |
| Total                    | 143              | 141              | 171              | 132              | 211              | 129              | 192              | 133              | 136              | 308              |

**Table 10: New CORS Memberships in 2021–2022 by Section and Member Type**

| <i>Section</i> | <i>Regular</i> | <i>Retired</i> | <i>Student</i> | <i>Total</i> |
|----------------|----------------|----------------|----------------|--------------|
| Vancouver      | 6              | -              | 24             | 30           |
| Edmonton       | 1              | -              | 3              | 4            |
| Calgary        | 6              | -              | 4              | 10           |
| Saskatoon      | 1              | -              | 3              | 4            |
| Winnipeg       | -              | -              | -              | -            |
| SW Ontario***  | 11             | 2              | 36             | 49           |
| Toronto****    | 17             | 1              | 37             | 55           |
| Ottawa         | 7              | -              | 10             | 17           |
| Kingston       | 5              | -              | 3              | 8            |
| Montreal*      | 18             | -              | 46             | 64           |
| Quebec**       | 4              | -              | 7              | 11           |
| Atlantic       | 4              | -              | 10             | 14           |
| International  | 17             | -              | 25             | 42           |
| <b>Total</b>   | <b>97</b>      | <b>3</b>       | <b>208</b>     | <b>308</b>   |

\*Includes Montreal Student Chapter. \*\*Includes Quebec Student Chapter.  
 \*\*\*Includes Waterloo Student Chapter. \*\*\*\*Includes Toronto Student Chapter.

**Figure 7: New CORS Memberships in 2021–2022 by Section and Member Type**



### **DISCONTINUED MEMBERS**

In the 2021–2022 membership year, members were discontinued if they did not pay their dues by October 1, 2021 meaning that payment was six months overdue. Also, members are discontinued at their request, or if there is no way to contact them by post or email due to invalid contact information. As shown in Table 12 and in Figure 8, of the 49 memberships discontinued in the 2021–2022 membership year, 25 (51%) were Regular Members, two (4%) were Retired Members, and 22 (45%) were Student Members.

The distribution of discontinued memberships by section is provided in Table 13. Discontinued memberships by section and member type for the 2021–2022 membership year is presented in Table 14 and in Figure 9. The greatest number of discontinued memberships occurred in the Montreal Section (including students), at 10 members (20% of the discontinued memberships).

The duration of the memberships that were discontinued in the 2021–2022 membership year by member type is provided in Table 15 and Figure 9. Of the memberships that were discontinued 3 (6%) had been held for two years or less. In the 2020–2021 membership year, this figure was 30%, and in the 2019–2020 membership year, this figure was 23%. In the 2–5 year category, 28 (57%) of the discontinued memberships occurred. Also, 31 (63%) of the discontinued memberships in the 2021–2022 membership year had been held for five years or less.

The number of CORS members who registered for the CORS Annual Conference is stated below. In 2018 and 2019, 65–70% of conference attendees became or continued being CORS members for the following membership year (2018–2019 and 2019–2020, respectively). CORS gave free memberships for the 2018 fiscal year to all attendees of the 2017 joint IFORS/CORS conference in Quebec City who also paid for their membership for 2017–2018 before registering for the conference. The 2020 CORS Conference was cancelled. The 2021 CORS Conference was held virtually.

The date indicates the last registration received for that year’s conference.

Numbers for the 2021 and 2022 Conferences were not available.

2020 Conference = 36 CORS members (out of 43 total registrants) as of March 30, 2020

2019 Conference = 149 CORS members (out of 231 total registrants) as of May 27, 2019

2018 Conference = 188 CORS members (out of 265 total registrants) as of June 5, 2018

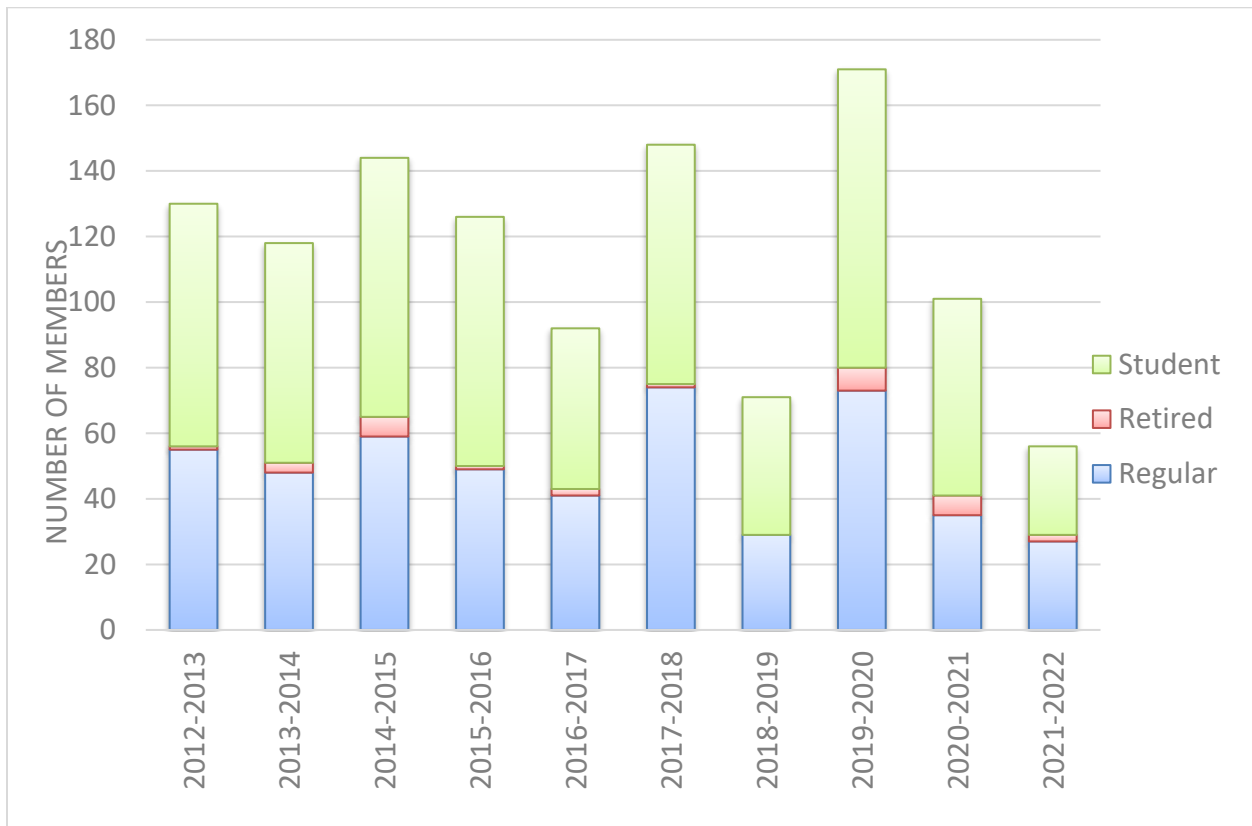
***Table 11: Discontinued CORS Memberships 2012–2013 to 2021–2022***

| <i>Discontinued Reason</i> | <i>2012–2013</i> | <i>2013–2014</i> | <i>2014–2015</i> | <i>2015–2016</i> | <i>2016–2017</i> | <i>2017–2018</i> | <i>2018–2019</i> | <i>2019–2020</i> | <i>2020–2021</i> | <i>2021–2022</i> |
|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Mail Returned              | 4                | -                | -                | -                | -                | -                | -                | -                | -                | 1                |
| Withdrew                   | 32               | 28               | 20               | 25               | 10               | 14               | 3                | 10               | 12               | 16               |
| In arrears                 | 94               | 90               | 124              | 101              | 82               | 134              | 68               | 161              | 89               | 39               |
| Total                      | 130              | 118              | 144              | 126              | 92               | 148              | 71               | 171              | 101              | 56               |

**Table 12: Discontinued CORS Memberships by Member Type 2012–2013 to 2021–2022**

| <i>Member Type</i> | <i>2012–2013</i> | <i>2013–2014</i> | <i>2014–2015</i> | <i>2015–2016</i> | <i>2016–2017</i> | <i>2017–2018</i> | <i>2018–2019</i> | <i>2019–2020</i> | <i>2020–2021</i> | <i>2021–2022</i> |
|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Regular            | 55               | 48               | 59               | 49               | 41               | 74               | 29               | 73               | 35               | 27               |
| Retired            | 1                | 3                | 6                | 1                | 2                | 1                | -                | 7                | 6                | 2                |
| Student            | 74               | 67               | 79               | 76               | 49               | 73               | 42               | 91               | 60               | 27               |
| Total              | 130              | 118              | 144              | 126              | 92               | 148              | 71               | 171              | 101              | 56               |

**Figure 8: Discontinued CORS Memberships by Member Type 2012–2013 to 2021–2022**



**Table 13: Discontinued CORS Memberships by Section (Chapter) 2012–2013 to 2021–2022**

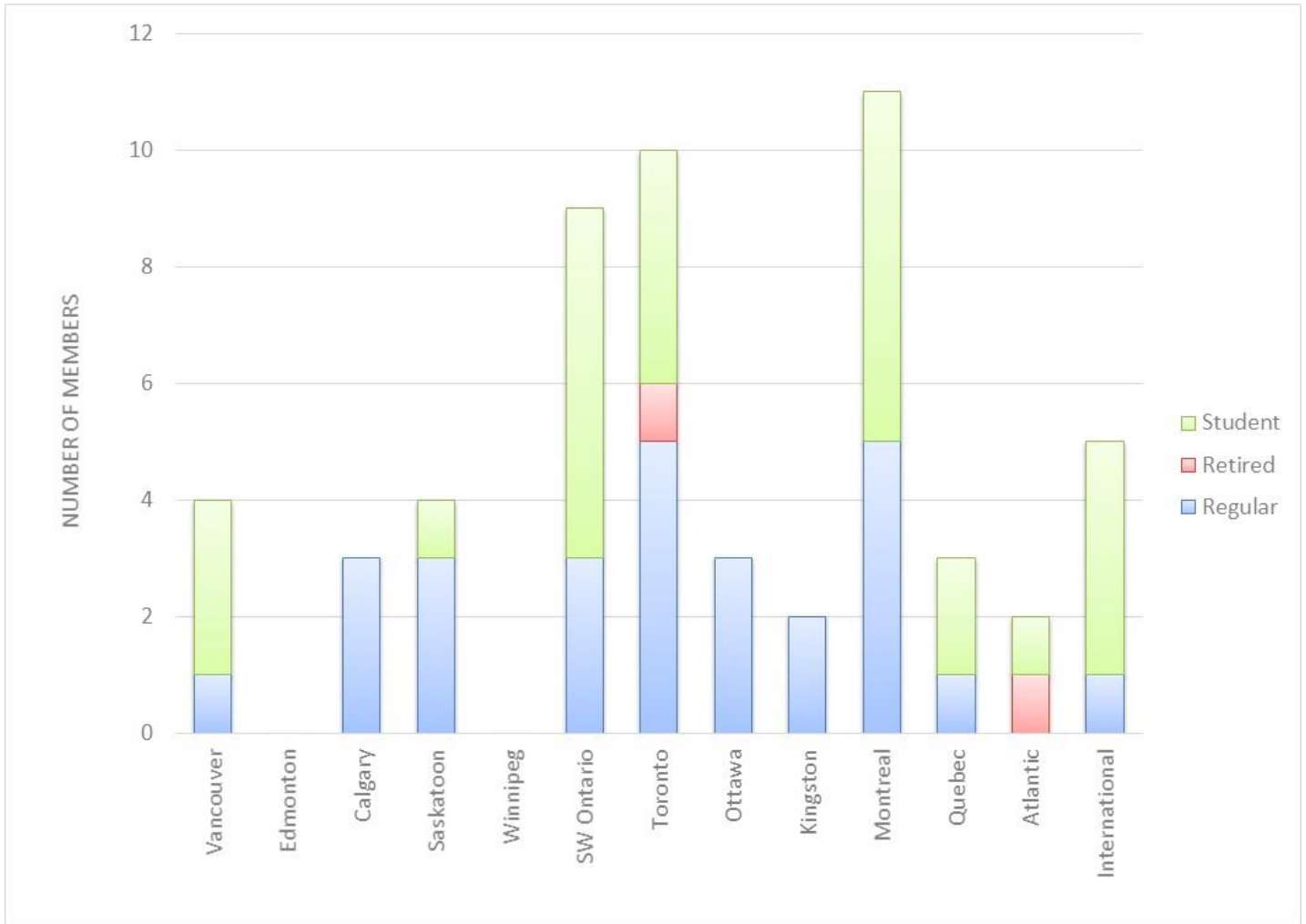
| <i>Section (Chapter)</i> | <i>2012–2013</i> | <i>2013–2014</i> | <i>2014–2015</i> | <i>2015–2016</i> | <i>2016–2017</i> | <i>2017–2018</i> | <i>2018–2019</i> | <i>2019–2020</i> | <i>2020–2021</i> | <i>2021–2022</i> |
|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Vancouver                | 11               | 12               | 47               | 16               | 5                | 20               | 5                | 9                | 13               | 4                |
| Edmonton                 | 10               | 7                | 9                | 3                | 3                | 10               | 4                | 1                | 2                | -                |
| Calgary                  | 5                | 8                | 2                | 7                | 7                | 14               | 3                | 6                | 7                | 3                |
| Saskatoon                | 1                | -                | 1                | 2                | 2                | 3                | -                | 5                | 1                | 4                |
| Winnipeg                 | 1                | 4                | -                | 1                | 1                | 6                | -                | 2                | 1                | -                |
| SW Ontario               | 15               | 15               | 13               | 16               | 9                | 23               | 4                | 13               | 9                | 6                |
| Waterloo Student         | -                | -                | -                | -                | 1                | 5                | 7                | 8                | 5                | 3                |
| Toronto                  | 33               | 27               | 23               | 20               | 5                | 10               | 5                | 16               | 11               | 6                |
| Toronto Student          | -                | -                | -                | -                | 8                | 13               | 11               | 21               | 15               | 4                |
| Ottawa                   | 10               | 9                | 9                | 15               | 9                | 5                | 1                | 8                | 4                | 3                |
| Kingston                 | 2                | 1                | 3                | 5                | -                | 1                | 4                | 3                | 3                | 2                |
| Montreal                 | 21               | 10               | 17               | 21               | 9                | 4                | 6                | 13               | 4                | 5                |
| Montreal Student         | -                | -                | -                | -                | 15               | 6                | 10               | 22               | 9                | 6                |
| Quebec                   | 9                | 6                | 5                | 7                | 4                | 2                | 2                | 1                | -                | 1                |
| Quebec Student           | -                | -                | -                | -                | 4                | 3                | 3                | 5                | 4                | 2                |
| Atlantic                 | 6                | 8                | 2                | 4                | 3                | 5                | 3                | 20               | 5                | 2                |
| International            | 5                | 11               | 12               | 9                | 5                | 18               | 3                | 18               | 8                | 5                |
| Total                    | 130              | 118              | 144              | 126              | 92               | 148              | 71               | 171              | 101              | 56               |

**Table 14: Discontinued CORS Memberships in 2021–2022 by Section and Member Type**

| <i>Section</i> | <i>Regular</i> | <i>Retired</i> | <i>Student</i> | <i>Total</i> |
|----------------|----------------|----------------|----------------|--------------|
| Vancouver      | 1              | -              | 3              | 4            |
| Edmonton       | -              | -              | -              | -            |
| Calgary        | 3              | -              | -              | 3            |
| Saskatoon      | 3              | -              | 1              | 4            |
| Winnipeg       | -              | -              | -              | -            |
| SW Ontario***  | 3              | -              | 6              | 9            |
| Toronto****    | 5              | 1              | 4              | 10           |
| Ottawa         | 3              | -              | -              | 3            |
| Kingston       | 2              | -              | -              | 2            |
| Montreal*      | 5              | -              | 6              | 11           |
| Quebec**       | 1              | -              | 2              | 3            |
| Atlantic       | -              | 1              | 1              | 2            |
| International  | 1              | -              | 4              | 5            |
| Total          | 27             | 2              | 27             | 56           |

\*Includes Montreal Student chapter. \*\*Includes Quebec Student chapter.  
 \*\*\*Includes Waterloo Student chapter. \*\*\*\*Includes Toronto Student chapter.

**Figure 9: Discontinued CORS Memberships in 2021–2022 by Section and Member Type**

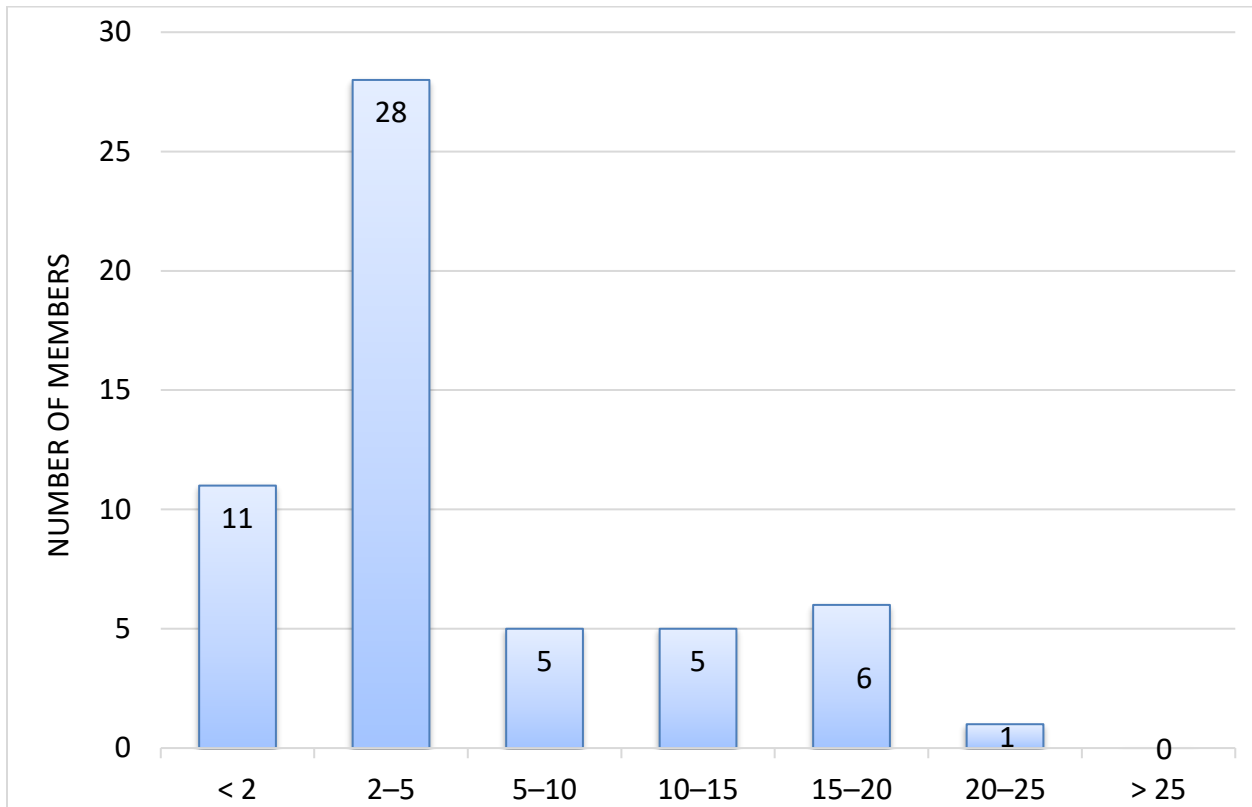




**Table 15: Duration of CORS Memberships Discontinued in 2021–2022 Membership Year**

| <i>Category</i>    | <i>Regular</i> | <i>Retired</i> | <i>Student</i> | <i>Total</i> |
|--------------------|----------------|----------------|----------------|--------------|
| 2 Years or Less    | 6              | -              | 5              | 11           |
| 2–5 Years          | 7              | -              | 21             | 28           |
| 5–10 Years         | 3              | 1              | 1              | 5            |
| 10–15 Years        | 5              | -              | -              | 5            |
| 15–20 years        | 5              | 1              | -              | 6            |
| 20–25 Years        | 1              | -              | -              | 1            |
| More than 25 years | -              | -              | -              | -            |
| Total              | 27             | 2              | 27             | 56           |

**Figure 10: Duration of CORS Memberships Discontinued in 2021–2022 Membership Year**



**PAYMENT STATUS OF MEMBERSHIP**

A snapshot of the membership at the end of the 2021–2022 membership year in terms of the number of membership renewals processed before the payment due date of April 1, 2022 is provided in Table 16 and in Figure 11. The number of members who paid for the 2022–2023 membership year as of March 31, 2022 was 288 or 47%, the lowest in three years. By March 31, 2021, 68% had renewed, and by March 31, 2020, 55% had renewed. Refer to Table 16 and Figure 11 to identify those sections and chapters where efforts should be made to encourage renewals to improve membership retention. The invoicing process is conducted by email in January. Membership payments were made online (credit card or a PayPal account), by credit card over the phone through Membership Services, or by cheque.

Between April 1, 2021 and March 31, 2022, a total of 504 payments were conducted on behalf of CORS by Membership Services in the processing of membership renewals and new memberships. Table 17 and Figure 12 show how members preferred to pay their fees: 4 (1%) by cheque, 5 (1%) by a manual transaction with a credit card by phone, and 495 (%) online with a credit card.

***Table 16: Payment Status of CORS Membership by Section (Chapter) March 31, 2022***

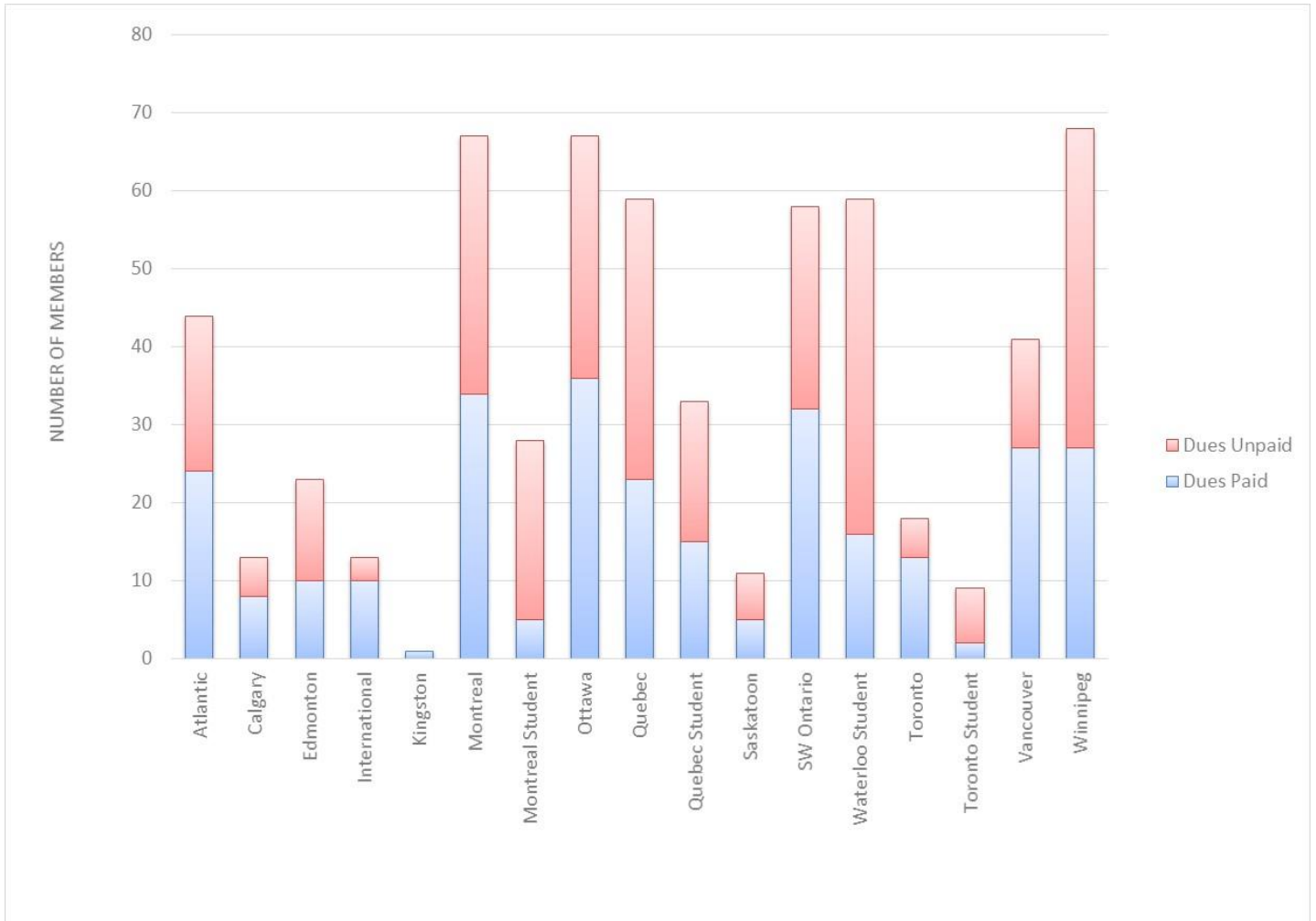
| <i>Section (Chapter)</i> | <i>Dues Paid</i> | <i>Dues unpaid</i> | <i>Total Members</i> |
|--------------------------|------------------|--------------------|----------------------|
| Vancouver                | 24               | 20                 | 44                   |
| Edmonton                 | 8                | 5                  | 13                   |
| Calgary                  | 10               | 13                 | 23                   |
| Saskatoon                | 10               | 3                  | 13                   |
| Winnipeg                 | 1                | -                  | 1                    |
| SW Ontario               | 34               | 33                 | 67                   |
| Waterloo Student         | 5                | 23                 | 28                   |
| Toronto                  | 36               | 31                 | 67                   |
| Toronto Student          | 23               | 36                 | 59                   |
| Ottawa                   | 15               | 18                 | 33                   |
| Kingston                 | 5                | 6                  | 11                   |
| Montreal                 | 32               | 26                 | 58                   |
| Montreal Student         | 16               | 43                 | 59                   |
| Quebec                   | 13               | 5                  | 18                   |
| Quebec Student           | 2                | 7                  | 9                    |
| Atlantic                 | 27               | 14                 | 41                   |
| International            | 27               | 41                 | 68                   |
| Total                    | 288              | 324                | 612                  |

**METHOD OF PAYMENT**

***Table 17: Method of Payment of Transactions Conducted in the 2021–2022 Membership Year***

| <i>Method of Payment</i> | <i>Number</i> | <i>%</i> |
|--------------------------|---------------|----------|
| Online Credit Card       | 495           | 98%      |
| Manual Credit Card       | 5             | 1%       |
| Cheque                   | 4             | 1%       |
| Total                    | 504           | 100%     |

**Figure 11: Payment Status of CORS Membership by Section (Chapter) as of March 31, 2022**



*Figure 12: Method of Payment of Transactions Conducted in the 2021–2022 Membership Year*

