# 2023-24 <br> BCTF Membership Survey 

## Summary report

May 2024

## 2023-24 BCTF Membership Survey

This report provides a summary of the second annual BCTF Membership Survey. Using a random sample methodology, the survey aimed to build a provincially representative picture of British Columbia teachers' experiences during the 2023-24 school year.

The first part of this report provides a snapshot of the teaching profession in BC's public education system.

The report then highlights six key themes from the survey:

1. Despite some improvements in physical and mental health, teachers continue to face challenges related to well-being.
2. Teachers are expected to do more with less.
3. Teachers continue to perceive gaps in meeting student needs, especially for students with disabilities and diverse needs.
4. Teachers need more people and more time to successfully meet student needs.
5. Teachers encounter concerning levels of workplace discrimination.
6. Better working conditions are linked to lower turnover intention.

The report concludes by highlighting teacher voices on what is necessary to sustain the profession and strengthen BC schools.

The survey was conducted online from February 12 to March 1, 2024. The overall margin of error for the sample is +/- 1.4\%, 19 times out of 20.

The BCTF wishes to acknowledge the 5,209 members who responded to this year's survey and shared their valuable insights. Your contributions enable BCTF Research to provide timely and representative data to inform and support BCTF leadership and advocacy priorities.

## A Snapshot of Teachers in BC

The 2023-24 BCTF Membership Survey ${ }^{1}$ provides a snapshot of the teaching profession in BC public schools during the current school year, representing teachers across all grade levels and regions of the province.

- $63 \%^{2}$ of the respondents were classroom teachers, $22 \%$ specialist teachers and $9 \%$ Teachers Teaching on Call (TTOCs). Other positions represented included: Adult/Continuing Education Teachers (0.9\%), Distributed Learning Teachers (1.0\%), and District Coordinator/Helping Teachers (1.3\%).
- Most teachers $(72.5 \%)^{3}$ had a full-time continuing contract with their district.
- A majority of teachers $(69.8 \%)^{4}$ had 10 or more years of teaching experience, while $14 \%$ were in the first four years of their career.
- In addition to meeting standard certification requirements, ${ }^{5} 37 \%{ }^{6}$ of teachers also had a master's degree-illustrating BC teachers' high level of academic and professional qualifications.

To better understand the diversity of BCTF members, the survey collected data related to race, age, gender, ability, and disability. This data was collected to enable the Federation to analyze structural inequalities and relationships between teachers' lived experiences and identities. The survey found that:

- Approximately one third $(32.2 \%)^{7}$ of teachers were between 45 and 54 years old.
- $74 \%^{8}$ percent of teachers identified as women, $22 \%$ as men, $1 \%$ as non-binary and less than $1 \%$ preferred to self-describe.
- $11 \%{ }^{9}$ of teachers identified as a person living with a disability. ${ }^{10}$
- $4 \%{ }^{11}$ of teachers identified as Indigenous (First Nations, Metis, or Inuit).
- $18 \%{ }^{12}$ of teachers identified as non-White. ${ }^{13}$


## Key themes from the 2023-24 BCTF Membership Survey

Theme 1 - Despite some improvements in physical and mental health, teachers continue to face challenges related to well-being.

For the past several years, BCTF has been tracking teachers' physical and mental health. ${ }^{14}$ The 2023-24 Membership Survey found that teachers in BC reported better physical and mental health than in the previous school year. Cross-year analysis for physical health and mental health showed statistically significant shifts in both areas. ${ }^{15}$ The number of teachers who described their physical health as poor or very poor dropped by $9.8 \%{ }^{16}$ while those who described it as good or very good climbed by $17.2 \% .{ }^{17}$ Similarly, the number of teachers who described their mental health as poor or very poor dropped by $9.6 \%{ }^{18}$ while those who described it as good or very good climbed by $10.8 \%{ }^{19}$

However, there are still too many teachers who are experiencing poor well-being, particularly in relation to mental health, with $14.7 \%$ of survey respondents describing their mental health as poor or very poor. ${ }^{20}$ Many teachers continue to sacrifice their mental health to make up for systemic gaps. "I care for my students," wrote one teacher, "and do all I can to help them succeed, but my mental health is suffering because of the amount of time and energy I give to them each day, and the stress that comes with worrying whether or not I have done 'enough'." ${ }^{21}$

The urgency of improving working conditions is underscored by another teacher who shared how "coworkers have heart attacks, lose their pregnancy, [are] on medication...because of what this job is doing to them. It's disheartening thinking that we will break before anything is fixed." As evidenced by numerous global and Canadian studies, ${ }^{22}$ teachers' mental health continues to be affected by inadequate staffing and resource provisions, intensified workload, challenging workplace culture and inadequate supports.

## Theme 2 - Teachers are expected to do more with less.

The 2023-2024 Membership Survey supports anecdotal accounts that teachers in BC are being expected to do more with less. "Teacher burnout is very real," one respondent described, as teachers are "being asked to do more" despite "the lack of support being provided."

When asked how they would describe their overall workload compared to this time last year, a majority of teachers reported that their workload was a lot more than before (26.1\%) or a little more than before (32.1\%). ${ }^{23}$ Furthermore, only a third (36.2\%) of teachers agreed that their overall workload was manageable. ${ }^{24}$

The survey found a strong negative relationship between workload and happiness in the job. ${ }^{25}$ $42.6 \%$ of those who reported an unmanageable workload also said they were currently unhappy about their job - compared with only $13.3 \%$ of those who reported a manageable workload. ${ }^{26}$ Both workload and job happiness were in turn related to higher turnover intention (see Theme 5 below).

At the same time, teachers reported gaps in the resources needed to meet the needs of all learners. This included: not having access to up-to-date curricular resources provided by the employer (44.2\%); ${ }^{27}$ not receiving sufficient in-service training on curriculum and reporting requirements (51.8\%); $; 2$ and unsatisfactory quantity and quality of employer-provided equipment and technology (47.9\%). ${ }^{29}$

The combination of an increasing workload and fewer resources is taking a toll on teachers, as illustrated by a teacher with seven years of experience: "Though the overwhelming nature of being a beginning teacher is gone, I find I am still overwhelmed in this career. There's never enough time to prep everything I need (especially for kindergarten). There are not enough resources for teaching early French Immersion. I have to make almost all of my own (which adds to being overwhelmed)." Stress is further increased when, as the same teacher shared, "I don't have enough extra supports in my classroom for my students who need them." As another teacher shared, there is the feeling among many teachers that "this job is getting harder and harder each year and support is less and less," pointing to the third key survey theme.

## Theme 3 - Teachers continue to perceive gaps in meeting student needs, especially for students with disabilities and diverse needs.

The 2023-2024 Membership Survey found that teachers believe there continue to be concerning gaps in meeting the needs of all students. In line with last year's results, fewer than one quarter of teachers felt that students' academic $(23.1 \%)^{30}$ or social and emotional $(22.7 \%)^{31}$ needs were being completely or very much met.

Students with disabilities and diverse needs were most impacted by these gaps. Only $13 \%$ of teachers felt like these students' needs were being completely or very much met, and almost half report that their needs were being only slightly met (35.5\%) or not at all met (10.7\%). ${ }^{32}$

Teachers' written comments foreground both potential causes and effects of not being able to meet the needs of all students. For one teacher, "under-designation [of disabilities and diverse learning needs] means that the school does not receive the level of supports required to support the needs of the learner." Facing multiple year-long waits for designation, many students are "falling through the cracks" or families turn to private assessment, which results in a "lack of equity."

Secondly, even when students are designated, there are additional barriers to being able to meet the needs of all students in a classroom. These include: a "large number of [Individual Education Plans] per classroom" with very different support needs; teachers "triaging" the limited supports available; a lack of necessary "1-1 support for academics and social and emotional needs" for some students; and inadequate staffing for specialist positions such as Counsellors, SpeechLanguage Pathologists and Learning Support Teachers.

Thirdly, aligning with research evidence that has demonstrated declining student well-being since the COVID-19 pandemic began, ${ }^{33}$ teachers highlighted that the social and emotional needs of students are increasingly complex. While some factors contributing to this may be individual, such
as "difficulties with emotional regulation and social skills," student well-being is embedded in the larger socio-economic context, from families facing "economic instability and rising costs" to the awareness that "our planet is in crisis."

Ultimately, the gaps in meeting student needs have devastating consequences on both students and teachers. As one teacher shared, "I love my job and I love the kids, but it's becoming harder to go to work each day when I don't have the support I need for these students to succeed properly."

## Theme 4 - Teachers need more people and more time to successfully meet student needs.

Recent BCTF focus groups with teachers, as well as anecdotal evidence, have highlighted two key areas which would support teachers with meeting the needs of all students: more people and more time.

To explore this further, the 2023-2024 Membership Survey asked teachers to rank the extent to which various staffing and timetabling changes would improve their workload. In terms of staffing, teachers reported that the most impactful change would be more educational assistants (39.4\%). ${ }^{34}$ This was the top choice in the elementary grades, selected by over $40 \%$ of Kindergarten to Grade 5 teachers as the most impactful change. ${ }^{35}$

The other suggested staffing changes were, in decreasing order of priority: more classroom teachers (27.3\%), more specialist teachers (23.8\%) and more TTOCs (9.5\%). ${ }^{36}$ Notable differences in perceived impact of these staffing changes were seen across grades, with teachers at different grade levels reporting different priorities. For example, while more educational assistants was the top choice from Kindergarten to Grade 8, it gradually declined as a first choice as grade level increased. ${ }^{37}$ Grade 9 to 12 teachers and adult educators reported that the most impactful change for them would be more classroom teachers. More educational assistants remained the second most impactful change for teachers in Grade 9 to 12 but ranked last for adult educators who chose more TTOCs as their second most impactful change.

For timetabling, the most impactful change selected by the majority of teachers was more preparation time (55.5\%). ${ }^{38}$ As a teacher who has taught in other jurisdictions with better prep time provisions noted, "I've realized (even though l've adjusted here) that the prep time was beyond impactful for my well-being and mental health."

Furthermore, while more preparation time was recognized as a key need across grades, it was perceived as even more impactful at the secondary level. ${ }^{39}$ This is reflected in the comments of a secondary teacher who stated, "Going one entire semester with 5 classes is actually ridiculous. This will make me leave teaching if it is not fixed." Another secondary teacher commented, "During the semester with no prep, I feel exhausted and unable to do my job well."

Following preparation time, teachers reported that their workload would be best improved by more time to meet reporting requirements (20.1\%), for administrative tasks (16.6\%) and for professional
development and/or collaboration time (7.8\%). ${ }^{40}$ Reflecting the unique context of Adult Education, almost a third of these teachers (30.2\%) reported that more time for administrative tasks would be most impactful on their workload. ${ }^{41}$

## Theme 5-Teachers report concerning levels of workplace discrimination.

In collaboration with the BCTF Anti-Racism and Anti-Oppression Office, the 2023-24 Membership Survey asked about teachers' direct and indirect experiences of discrimination or unfair treatment in the workplace in the past year. ${ }^{42}$

Over the past 12 months, one in five teachers (17.4\%) reported that they had experienced discrimination or unfair treatment in their workplace, while one in four teachers (23.6\%) had witnessed discrimination or unfair treatment. ${ }^{43}$

The survey also showed a number of statistically significant relationships between particular identities and experiences of discrimination. For example, teachers who self-identified as Indigenous (First Nations, Métis, Inuit), South Asian, Arab, or Chinese experienced statistically higher rates of discrimination than White teachers. ${ }^{44}$ One in four Indigenous (26.2\%) and Chinese (24.1\%) teachers, one in three (29.4\%) South Asian teachers, and roughly half of Black teachers (40\%) and Arab teachers (54.5\%) had experienced racial discrimination in the past 12 months. These results are in line with national surveys conducted by the Canadian Race Relations Foundation on racial discrimination. ${ }^{45}$

Teachers who identified as a person with a disability ${ }^{46}$ also reported concerning levels of discrimination or unfair treatment. One in three (32.7\%) of these teachers reported having been discriminated against or unfairly treated in their workplace over the past 12 months. ${ }^{47}$

Teachers who identified as non-binary also reported facing significantly higher levels of discrimination or unfair treatment in their workplace: Half of non-binary teachers (52.8\%) had experienced workplace discrimination in the last year. ${ }^{48}$ This is particularly concerning and reflects the rise of anti-SOGI sentiments in some school communities.

Discrimination has an impact on teachers' everyday lives in the schools and in the classroom. Supporting the teacher accounts shared during the dialogue sessions of the BCTF's Systemic Review of Racism, ${ }^{49}$ the survey found a statistically significant relationship between experiences of workplace discrimination and reported mental health. ${ }^{50}$ One in four (25.3\%) of the teachers who experienced discrimination or unfair treatment said that their mental health was poor or very poor compared to one in ten (12.2\%) teachers who did not experience discrimination or unfair treatment. ${ }^{51}$

## Theme 6 - Better working conditions are linked to lower turnover intention.

Retaining qualified teachers continues to be a critical challenge in many parts of the province. This year's survey responses reinforce the argument that BC's teacher shortage must be analyzed as a
crisis in working conditions. Echoing last year's survey, ${ }^{52}$ when asked if they would still be teaching in the BC public education system in two years' time, $15.2 \%$ of teachers indicated that it is very or somewhat unlikely they would be. ${ }^{53}$

Turnover intention is complex and there is no singular cause. ${ }^{54}$ This survey found statistically significant bivariate relationships between turnover intention and four key factors: mental health, happiness in the job, workload, and the ability to exercise professional judgment (autonomy). ${ }^{55}$ For instance, the majority of teachers (87.3\%) who described their current mental health as very good indicated they would likely still be teaching in two years' time. ${ }^{56}$ Similarly, $90.7 \%$ of teachers who felt very happy about their job also indicated they would likely remain. ${ }^{57}$ In contrast, only half of teachers ( $49.5 \%$ and $50.2 \%$, respectively) who either reported their current mental health as very poor or expressed feeling very unhappy with their jobs indicated that it was likely they would be teaching in BC public education in two years. ${ }^{58}$

In terms of workload, $88.5 \%$ of teachers who reported having a manageable workload ${ }^{59}$ said it was likely they would still be teaching in two years. ${ }^{60}$ In contrast, only $68.4 \%$ of those who strongly disagreed that their workload was manageable indicated they would likely still be teaching in BC public education in two years' time. ${ }^{61}$

Finally, the survey pointed to statistically significant bivariate relationships between turnover intention and each of the individual professional autonomy measures. ${ }^{62}$ For example, the large majority of teachers who felt they have autonomy over their teaching methods and strategies ( $82.9 \%$ ) and how student learning was assessed ( $84.7 \%$ ) indicated they would likely be teaching in two years. ${ }^{63}$ While teachers reported a high degree of autonomy regarding most pedagogical decisions, one area that stands out as a concern is communicating about student learning with parents/guardians: $29.6 \%$ of teachers did not feel they had autonomy in this area. ${ }^{64}$ This resonates with anecdotal evidence that the rollout of the new provincial $\mathrm{K}-12$ reporting guidelines has been challenging in many school districts, with uneven implementation and expectations.

## Teachers have told us how to sustain their profession and strengthen BC schools

The responses of over 5,000 BCTF members in the 2023-24 Membership Survey point to four critical actions that are necessary to sustaining BC teachers, students, and schools.

## Improve working conditions

The teacher shortage must be addressed not only as a recruitment issue but also as a retention effort. Keeping teachers for the long term requires sustainable workloads, sufficient preparation time, and adequate resources to meet student needs. In short, teachers need adequate working conditions to remain and stay well in their jobs.
"Teaching students is the easy part. It's everything else-lack of prep time, no TTOCs, having to teach double classes, lack of admin support, new report cards and no time to plan for this-all of these areas are leading many to be exhausted, frustrated and burning out."
"If these conditions remain I will burn out soon. It may not be in two years but I can't see myself staying in this profession past the age of 40 ."

## Foster and maintain supportive workplace cultures

Relationships between teachers, administrators, education workers, families and students are central to creating the conditions for teaching and learning to flourish. This includes immediately addressing workplace discrimination and unfair treatment.
> "Last year, this job took an extreme toll on my mental health and it made me question whether I could move forward in a career that I've wanted to do my whole life and enjoy doing. This year has started to restore my faith again as I have a wonderful admin."
> "Lack of parent support and admin support is making this job almost impossible for sustainability."

## Safeguard teachers' mental health

Too many BC teachers feel their mental health has become collateral damage in a chronically underfunded system. Too many continue to bear disproportionate responsibility for providing students with the educational experiences they deserve without adequate supports and working conditions. In a system where choosing self-care too often means giving up something else, some teachers have gone from full to part-time contracts, reduced involvement in voluntary school activities, or decided to leave teaching altogether.

> "I am taking a leave next year as I explore other options. I want to explore if I need another teaching environment or would be better that I change profession and do something else. I do love teaching kids and I am sad to leave my position because of that. But I am doing it for my mental health."
> "I absolutely adore my class, school, and career, but it doesn't feel sustainable anymore. I feel as though I am trading my mental health/wellness for my job."

## Provide the funding necessary for schools to flourish and meet the needs of students with disabilities and diverse needs

School districts receive substantially less in supplemental education funding than what they actually do, or need to, spend. ${ }^{65}$ In 2021-22, for example, special education funding only covered $67.6 \%$ of what school districts actually spent. Teachers, students and their families are feeling the harmful impacts of a lack of government commitment to meaningful inclusive education.

> Our greatest challenge in our district is not having the funding or EA support to properly manage and/or support real inclusion. Our jobs are far too complex now. I feel as though I am doing the jobs of 5 different people at once...I love my job and the kids, but I feel like I'm drowning with no one there to help pull me back up.

> I believe that integration and inclusion can and will work if the ministry will provide adequate funding and training.

## Endnotes

${ }^{1}$ See Appendix A for a full description of the survey methodology. The number of responses (i.e., $n$ ) varied by question. All percentages presented in the body of this report were calculated using the total of all responses, unless otherwise noted.
${ }^{2}$ Appendix D, Table D.1.
${ }^{3}$ Appendix D, Table D.2. Note that this was a multi-response question and the reported $\%$ was calculated from the total number of cases.
${ }^{4}$ Appendix D, Table D.3.
${ }^{5}$ Being licensed as a teacher in BC currently requires completion of an undergraduate program and a professional teacher education program.
${ }^{6}$ Appendix D, Table D.4.
${ }^{7}$ Appendix D, Table D.5.
${ }^{8}$ Appendix D, Table D.6.
${ }^{9}$ Appendix D, Table D.7.
${ }^{10}$ Disability was defined according to a social model of disability, which understands persons with disabilities as those who have a difficulty or impairment due to a long-term condition or health issue, lasting six months or more, that limits daily activities.
${ }^{11}$ Appendix D, Table D.8.
${ }^{12}$ Appendix D, Table D.8.
${ }^{13}$ Race was defined as a social construct that uses skin colour, hair texture, or other physical characteristics to determine how people are classified socially, politically, or culturally.
${ }^{14}$ See Gadermann, A.M. et al.,(2021). The impact of the COVID-19 pandemic on teacher well-being in British Columbia. UBC Human Early Learning Partnership; BCTF (2020). Safeguarding teachers' mental health through the second wave of COVID-19 and beyond: Submission to The House of Commons Standing Committee on Health.
${ }^{15}$ Appendix C, Tables C. 1 and C.2.
${ }^{16}$ 2022-23, 17.2\%; 2023-24, 7.4\%; Appendix C, Table C. 2.
17 2022-23, 45.2\%; 2023-24, 62.4\%; Appendix C, Table C. 2.
${ }^{18}$ 2022-23, 24.3\%; 2023-24, 14.7\%; Appendix C, Table C.1.
${ }^{19}$ 2022-23, 37.2\%; 2023-24, 48.0\%; Appendix C, Table C.1.
${ }^{20}$ Appendix C, Table C.1.
${ }^{21}$ Unless otherwise referenced, all quotations in this report are drawn from survey participants' written responses.
${ }^{22}$ See Canadian Teachers' Federation (2022). But at what cost? Teacher mental health during COVID19: Pandemic Report; Kendrick, A. (2021). Compassion Fatigue, Emotional Labour
and Educator Burnout: Executive Summary. Alberta Teachers' Association; Education and Solidarity Network (2023). \#IBEST: International Barometer of Education Staff.
${ }^{23}$ Appendix B, Table B.1.
${ }^{24}$ Appendix B, Table B.2.
${ }^{25} \gamma=-.51$; Spearman's $\rho=-.44 ; p=.001$; Appendix C, Table C.3.2.
${ }^{26}$ Appendix C, Table C.3.
${ }^{27}$ Appendix B, Table B.3. Reported \% is for respondents who disagreed with the statement.
${ }^{28}$ Appendix B, Table B.4. Reported \% is for respondents who disagreed with the statement.
${ }^{29}$ Appendix B, Table B.5. Reported \% is for respondents who disagreed with the statement.
${ }^{30}$ Appendix B, Table B.6.
${ }^{31}$ Appendix B, Table B.7.
${ }^{32}$ Appendix B, Table B.8.
${ }^{33}$ See Toye (2022). How is the pandemic impacting children, families and educators in BC? New data help explore the emerging story. UBC Human Early Learning Partnership.
${ }^{34}$ Appendix B, Table B.9.
${ }^{35}$ Appendix C, Table C.4.
${ }^{36}$ Appendix B, Table B.9.
${ }^{37}$ Appendix C, Table C.4.
${ }^{38}$ Appendix B, Table B. 10.
${ }^{39}$ Appendix C, Table C.5.
${ }^{40}$ Appendix B, Table B. 10.
${ }^{41}$ Appendix C, Table C.5.
${ }^{42}$ In the 2020 Statistics Canada General Social Survey, one area of concern was the increase in hate and discrimination during the COVID-19 pandemic. That survey asked if respondents experienced discrimination five years prior to the COVID-19 pandemic and since the pandemic started. Statistics Canada found that, overall, discrimination had increased, and specifically, since the pandemic, racial and ethnic discrimination had increased. The discrimination questions in the BCTF annual survey were modified to fit the context of the Federation and asked members if they have experienced or witnessed discrimination or unfair treatment in the workplace in the past 12 months. These questions will help the BCTF identify if discrimination is taking place and the extent to which it is taking place over time.
${ }^{43}$ Appendix B, Tables B. 11 and B. 12 .
${ }^{44}$ Appendix C, Table C.6.
${ }^{45}$ See: https://crrf-fcrr.ca/research-and-reports/
${ }^{46}$ Disability is a complex phenomenon, reflecting an interaction between features of a person's body and mind and features of the society in which they live. Because of its complexity, there is no single, harmonized definition of disability, but one prevalent approach in Canada is informed by the social model of disability, which defines persons with disabilities as those who have a difficulty or impairment due to a long-term condition or health issue (lasting six months or more) that experience limitations in their daily activities.
${ }^{47}$ Appendix C, Table C.7.
${ }^{48}$ Appendix C, Table C.8.
${ }^{49}$ See: https://www.bctf.ca/topics/services-information/governance/systemic-review-of-racism-project
${ }^{50} \gamma=.33$; Spearman's $\rho=.17$; $\mathrm{p}=.001$; Appendix C, Table C.9.2.
${ }^{51}$ Appendix C, Table C.9.
${ }^{52} 15.9 \%$ of the respondents to the 2022-23 BCTF Membership Survey indicated turnover intention. See: https://www.bctf.ca/docs/default-source/for-news-and-stories/bctf-membership-survey-summary-report2023.pdf?sfvrsn=ecc4a347_4
${ }^{53}$ Appendix B, Table B. 13.
${ }^{54}$ For example, see Collie, R. (2023). Teacher well-being and turnover intentions: investigating the roles of job resources and job demands. British Journal of Education Psychology. 93(3), pp. 712-726; Steiner, E., Woo, A., \& Doan, S. (2023). All Work and No Pay: Teachers' Perceptions of Their Pay and Hours Worked: Findings from the 2023 State of the American Teacher Survey. National Education Association.
${ }^{55}$ Appendix C, Table C. 10 through C.20.2.
${ }^{56}$ Appendix C, Table C. 10.
${ }^{57}$ Appendix C, Table C. 11.
${ }^{58}$ Appendix C, Tables C. 10 and C. 11 .
${ }^{59}$ Defined as agreeing strongly or somewhat with the statement "My overall workload is manageable."
${ }^{60}$ Appendix C, Table C. 12.
${ }^{61}$ Appendix C, Table C. 12.
${ }^{62}$ Appendix C, Tables C.13.2, C.14.2, C.15.2, C.16.2, C.17.2, C.18.2, C.19.2 and C.20.2.
${ }^{63}$ Appendix C, Tables C. 14 and C. 15 .
${ }^{64}$ Appendix B, Table B. 14.
${ }^{65}$ See BCTF (2023). BCTF Education Funding Brief 2024: Recruiting and retaining teachers for the inclusive schools our students deserve, pp. 5-6. Rozworski, M. (2018). BC's Inclusion Education Funding Gap. BCTF Research.

## Appendix A: Methodology and Technical Notes

## Methodology

The 2023-24 BCTF Membership Survey was conducted online from February 12 to March 1, 2024.
The BCTF Research Department (BCTF Research) designed the survey, drawing on the leadership priorities of the Federation and previous survey results related to teachers' well-being and working conditions. The aim of the survey was to gather statistically representative data to inform the Federation's advocacy for the working and learning conditions that teachers and students need.

The BCTF contracted Viewpoints Research (www.viewpoints.ca), a Canadian-owned market research and analytics company, to host the survey. Viewpoints Research provides surveys, polling and focus group research to professional associations, governments, public institutions, and charitable and non-profit organizations across Canada to deliver strategic insights. Viewpoints is an accredited member of the Canadian Research Insights Council (CRIC) and follows the CRIC Standards.

Unique survey links were emailed to a random sample of BCTF members. For inclusion in the survey, potential participants had to have a home email address on record, active membership status, active job status and no current position as a Federation staff member, resulting in 41,322 BCTF members in the sampling frame as of February 6, 2024. The survey results were weighted by school district using the December 2023 census voting member counts. Prospective respondents received an email invitation, as well as a voice message and email reminders. The survey was anonymous and took approximately 10 minutes to complete.

The sample of 13,542 potential respondents resulted in 5,209 completed surveys and a response rate of $38.5 \%$. Respondents were free to skip questions, in whole or in part, with the exceptions of several required screening questions (i.e., member status, position, school district). Consequently, the number of completed responses varies by question.

The results summarized in this report come from the final analytical sample that is made up of 5,209 currently working BCTF members after initial data cleaning. The methodology used allows generalization of the results to the overall teaching population in BC's public schools with reasonable accuracy and a small margin of error: +/-1.4\%, 19 times out of 20.

## Note on Demographic Information Collection

In collaboration with the BCTF Anti-Racism and Anti-Oppression Office, the membership survey asked a series of demographic questions to learn more about the diversity of teachers across the province. In parallel with the categories used by Statistics Canada, identity questions included, but were not limited to, race and ethnicity, age, gender, and disability. In alignment with privacy legislation, as well as best practices by Statistics Canada and Stats BC, answering demographic
questions related to one's identity are not mandatory and always voluntary.
By collecting identity data, this information will help the BCTF better understand the overall demographics of teachers in the province and begin analyzing any gaps or structural inequalities in programs and services. The inclusion of these questions will support the BCTF in having baseline data about discrimination, as well as the ability to compare our organization within the larger context of Canada. This data will be reported later in 2024 in collaboration with the BCTF AntiRacism and Anti-Oppression Office.

## Appendix B: Frequency Tables

Table B. 1
Compared to this time last year, how would you describe your overall workload?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | A lot more than before | 1358 | 26.1 | 27.0 |
|  | A little more than before | 1674 | 32.1 | 33.3 |
|  | About the same as before | 1551 | 29.8 | 30.8 |
|  | A little less than before | 339 | 6.5 | 6.7 |
|  | A lot less than before | 111 | 2.1 | 2.2 |
|  | Total | 5033 | 96.6 | 100.0 |
|  |  | 177 | 3.4 |  |
| Missing | Not sure/Not applicable | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 2
To what extent do you agree or disagree with the following statement? My overall workload is manageable.

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Strongly disagree | 978 | 18.8 | 19.0 |
|  | Somewhat disagree | 1907 | 36.6 | 37.0 |
|  | Neither disagree nor agree | 387 | 7.4 | 7.5 |
|  | Somewhat agree | 1434 | 27.5 | 27.8 |
|  | Strongly agree | 454 | 8.7 | 8.8 |
|  | Total | 5160 | 99.1 | 100.0 |
| Missing | Prefer not to answer/Not applicable | 49 | .9 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

## Table B. 3

Please indicate the extent to which you agree or disagree with each of the following statements. I have access to up-to-date curricular resources provided by my employer.

|  |  | $N$ | $\%$ | Valid $\%$ |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Strongly disagree | 1024 | 19.7 | 20.1 |
|  | Somewhat disagree | 1274 | 24.5 | 25.1 |
|  | Neither disagree nor agree | 853 | 16.4 | 16.8 |
|  | Somewhat agree | 1432 | 27.5 | 28.2 |
|  | Strongly agree | 500 | 9.6 | 9.8 |
|  | Total | 5082 | 97.6 | 100.0 |
| Missing | Prefer not to answer/Not applicable | 127 | 2.4 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 4
Please indicate the extent to which you agree or disagree with each of the following statements. I receive sufficient in-service training on curriculum and reporting requirements.

|  |  | $N$ | $\%$ | Valid $\%$ |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Strongly disagree | 1094 | 21.0 | 21.8 |
|  | Somewhat disagree | 1603 | 30.8 | 31.9 |
|  | Neither disagree nor agree | 725 | 13.9 | 14.4 |
|  | Somewhat agree | 1295 | 24.9 | 25.8 |
|  | Strongly agree | 310 | 6.0 | 6.2 |
|  | Total | 5027 | 96.5 | 100.0 |
|  |  | 182 | 3.5 |  |
| Missing | Prefer not to answer/Not applicable | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 5
Please indicate the extent to which you agree or disagree with each of the following statements. I am satisfied with the overall quantity and quality of my employer-provided equipment and technology.

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Strongly disagree | 1021 | 19.6 | 19.8 |
|  | Somewhat disagree | 1474 | 28.3 | 28.5 |
|  | Neither disagree nor agree | 573 | 11.0 | 11.1 |
|  | Somewhat agree | 1601 | 30.7 | 31.0 |
|  | Strongly agree | 500 | 9.6 | 9.7 |
|  | Total | 5169 | 99.2 | 100.0 |
|  | Prefer not to answer/Not applicable | 41 | .8 |  |
| Missing |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 6
To what extent do you feel that your students' academic needs are being met during this school year?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Not at all | 191 | 3.7 | 3.9 |
|  | Slightly | 962 | 18.5 | 19.5 |
|  | Moderately | 2575 | 49.4 | 52.2 |
|  | Very much | 1114 | 21.4 | 22.6 |
|  | Completely | 91 | 1.7 | 1.8 |
|  | Total | 4933 | 94.7 | 100.0 |
|  | Not sure/Not applicable | 276 | 5.3 |  |
| Missing |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 7
To what extent do you feel that your students' social and emotional needs are being met during this school year?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Not at all | 181 | 3.5 | 3.6 |
|  | Slightly | 1096 | 21.0 | 22.0 |
|  | Moderately | 2523 | 48.4 | 50.6 |
|  | Very much | 1095 | 21.0 | 22.0 |
|  | Completely | 88 | 1.7 | 1.8 |
|  | Total | 4984 | 95.7 | 100.0 |
|  | Not sure/Not applicable | 226 | 4.3 |  |
| Missing |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 8
To what extent do you feel that the needs of students with disabilities or diverse learning needs have been met during this school year?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Not at all | 557 | 10.7 | 11.2 |
|  | Slightly | 1851 | 35.5 | 37.2 |
|  | Moderately | 1873 | 35.9 | 37.7 |
|  | Very much | 623 | 12.0 | 12.5 |
|  | Completely | 68 | 1.3 | 1.4 |
|  | Total | 4971 | 95.4 | 100.0 |
|  | Not sure/Not applicable | 238 | 4.6 |  |
| Missing |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 9
Please order the following options according to the extent each would improve your workload, with 1 being the most impactful and 4 being the least impactful.

|  |  | $N$ | $\%$ |
| :--- | :--- | :---: | :---: |
| Selected Option as | More educational assistants | 2051 | 39.4 |
| "1 - Most Impactful" | More Teachers Teaching on Call | 494 | 9.5 |
|  | More classroom teachers | 1423 | 27.3 |
|  | More specialist teachers | 1241 | 23.8 |
| Total | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 10
Please order the following options according to the extent each would improve your workload, with 1 being the most impactful and 4 being the least impactful.

|  |  | $N$ | $\%$ |
| :--- | :--- | :---: | :---: |
| Selected Option | More time for administrative tasks | 865 | 16.6 |
| as "1 - Most | More time to meet reporting requirements | 1048 | 20.1 |
| Impactful" | More preparation time | 2889 | 55.5 |
|  | More professional development/collaboration time | 408 | 7.8 |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |

## Table B. 11

Have you personally experienced discrimination or been treated unfairly by others in your workplace in the past 12 months?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Yes | 906 | 17.4 | 18.5 |
|  | No | 3999 | 76.8 | 81.5 |
|  | Total | 4905 | 94.2 | 100.0 |
| Missing | Prefer not to answer | 304 | 5.8 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 12
Have you witnessed someone other than you experiencing discrimination or being treated unfairly in your workplace in the past 12 months?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Yes | 1229 | 23.6 | 25.3 |
|  | No | 3625 | 69.6 | 74.7 |
|  | Total | 4855 | 93.2 | 100.0 |
| Missing | Prefer not to answer | 355 | 6.8 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table B. 13
How likely is it that you will still be teaching in the BC public education system in two years time?

|  |  | $N$ | $\%$ |
| :--- | :--- | :---: | :---: |
| Valid | Very unlikely | 358 | 6.9 |
|  | Somewhat unlikely | 434 | 8.3 |
|  | Not sure | 187 | 3.6 |
|  | Somewhat likely | 927 | 17.8 |
|  | Very likely | 3303 | 63.4 |
|  | Total | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |

## Table B. 14

Please indicate the extent to which you agree or disagree with each of the following statements related to your professional autonomy. I have the autonomy to decide how I communicate about student learning with parents/guardians.

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Strongly disagree | 439 | 8.4 | 8.9 |
|  | Somewhat disagree | 1103 | 21.2 | 22.3 |
|  | Neither disagree nor agree | 566 | 10.9 | 11.4 |
|  | Somewhat agree | 1808 | 34.7 | 36.5 |
|  | Strongly agree | 1038 | 19.9 | 21.0 |
|  | Total | 4955 | 95.1 | 100.0 |
| Missing | Prefer not to answer/Not applicable | 254 | 4.9 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

## Appendix C: Bivariate Tables

Table C. 1
How would you describe your current mental health?

|  |  | $2022-2023$ BCTF Survey |  | $2023-2024$ BCTF Survey |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | $N$ | $\%$ | $N$ | $\%$ |
| Valid | Very poor | $176_{\mathrm{a}}$ | 5.7 | $106_{\mathrm{b}}$ | 2.0 |
|  | Poor | $571_{\mathrm{a}}$ | 18.6 | $662_{\mathrm{b}}$ | 12.7 |
|  | Fair | $1174_{\mathrm{a}}$ | 38.3 | $1931_{\mathrm{a}}$ | 37.1 |
|  | Good | $932_{\mathrm{a}}$ | 30.4 | $1963_{\mathrm{b}}$ | 37.7 |
|  | Very good | 208 a | 6.8 | $536_{\mathrm{b}}$ | 10.3 |
|  | Valid Total | 3061 | 99.8 | 5197 | 99.8 |
| Missing |  | 7 a | .2 | $12_{\mathrm{a}}$ | .2 |
| Total | $\mathbf{3 0 6 8}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Notes. a, b, c Each subscript letter denotes a subset of BCTF survey year whose proportions do not differ significantly from each other at the . 05 level.

Table C. 2
How would you describe your current physical health?

|  |  | $2022-2023$ BCTF Survey |  | $2023-2024$ BCTF Survey |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
|  |  | $N$ | $\%$ | $N$ | $\%$ |
| Valid | Very poor | $79_{\mathrm{a}}$ | 2.6 | $28_{\mathrm{b}}$ | .5 |
|  | Poor | $447_{\mathrm{a}}$ | 14.6 | $361_{\mathrm{b}}$ | 6.9 |
|  | Fair | $1146_{\mathrm{a}}$ | 37.4 | $1559_{\mathrm{b}}$ | 29.9 |
|  | Good | $1099_{\mathrm{a}}$ | 35.8 | $2283_{\mathrm{b}}$ | 43.8 |
|  | Very good | $287_{\mathrm{a}}$ | 9.4 | $968_{\mathrm{b}}$ | 18.6 |
|  | Valid Total | 3059 | 99.7 | 5199 | 99.8 |
|  |  | $9_{\mathrm{a}}$ | .3 | $11_{\mathrm{a}}$ | .2 |
| Missing |  | $\mathbf{3 0 6 8}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |

Notes. a, b, c Each subscript letter denotes a subset of BCTF survey year whose proportions do not differ significantly from each other at the .05 level.

Table C. 3

|  |  |  | How do you currently feel about your job? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very happy | Somewhat happy | Neither happy nor unhappy | Somewhat unhappy | Very unhappy |  |
| To what extent do you agree or disagree with the following statement? My overall workload is manageable | Strongly | Count | 38 | 237 | 98 | 376 | 224 | 973 |
|  | disagree | \% | 3.9 | 24.4 | 10.1 | 38.6 | 23.0 | 100.0 |
|  | Somewhat | Count | 129 | 865 | 280 | 526 | 98 | 1898 |
|  | disagree | \% | 6.8 | 45.6 | 14.8 | 27.7 | 5.2 | 100.0 |
|  | Neither | Count | 45 | 179 | 85 | 69 | 7 | 385 |
|  | disagree nor agree | \% | 11.7 | 46.5 | 22.1 | 17.9 | 1.8 | 100.0 |
|  | Somewhat | Count | 282 | 820 | 119 | 175 | 30 | 1426 |
|  | agree | \% | 19.8 | 57.5 | 8.3 | 12.3 | 2.1 | 100.0 |
|  | Strongly | Count | 213 | 165 | 31 | 32 | 13 | 454 |
|  | agree | \% | 46.9 | 36.3 | 6.8 | 7.0 | 2.9 | 100.0 |
| Total |  | Count | 707 | 2266 | 613 | 1178 | 372 | 5136 |
|  |  | \% | 13.8 | 44.1 | 11.9 | 22.9 | 7.2 | 100.0 |

Table C.3.2
Measures of Association and Significance

|  | Value | Asymptotic <br> Standard Error |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Approximate T ${ }^{\text {b }}$ | Approximate <br> Significance |  |  |  |
| Ordinal by Ordinal Gamma | -.507 | .014 | -33.921 | $<.001$ |
| N of Valid Cases | Spearman Correlation | -.436 | .012 | -34.718 |

[^0]
## Table C. 4

Grade Level by Top Ranked Staffing Change to Improve Workload


Notes. Percentages and totals are based on responses (not cases counts) as grade level variable is a multiple response item.

Table C. 5
Grade Level by Top Ranked Time Tabling Change to Improve Workload

|  |  |  | Please order the following options according to the extent each would improve your workload, with 1 being the most impactful and 4 being the least impactful |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | More time for administrative tasks | More time to meet reporting requirements | More preparation time | More professional development/ collaboration time |  |
| Which grades do you currently teach? (Select all that apply) | Kindergarten Count |  | 256 | 222 | 550 | 132 |  |
|  |  | \% ranking as "1" | 22.1\% | 19.2\% | 47.4\% | 11.4\% |  |
|  | Grade 1 | Count | 294 | 246 | 624 | 142 | 1306 |
|  |  | \% ranking as "1" | 22.5\% | 18.8\% | 47.8\% | 10.9\% |  |
|  | Grade 2 | Count | 293 | 243 | 673 | 141 | 1350 |
|  |  | \% ranking as "1" | 21.7\% | 18.0\% | 49.8\% | 10.4\% |  |
|  | Grade 3 | Count | 290 | 254 | 680 | 140 | 1364 |
|  |  | \% ranking as " 1 " | 21.3\% | 18.6\% | 49.9\% | 10.3\% |  |
|  | Grade 4 | Count | 291 | 250 | 642 | 143 | 1327 |
|  |  | \% ranking as "1" | 21.9\% | 18.8\% | 48.4\% | 10.8\% |  |
|  | Grade 5 | Count | 285 | 246 | 605 | 136 | 1273 |
|  |  | \% ranking as "1" | 22.4\% | 19.3\% | 47.6\% | 10.7\% |  |
|  | Grade 6 | Count | 270 | 215 | 626 | 131 | 1242 |
|  |  | \% ranking as "1" | 21.7\% | 17.3\% | 50.4\% | 10.6\% |  |
|  | Grade 7 | Count | 257 | 193 | 588 | 128 | 1165 |
|  |  | \% ranking as "1" | 22.1\% | 16.5\% | 50.4\% | 11.0\% |  |
|  | Grade 8 | Count | 241 | 189 | 792 | 112 | 1334 |
|  |  | \% ranking as "1" | 18.1\% | 14.2\% | 59.4\% | 8.4\% |  |
|  | Grade 9 | Count | 253 | 228 | 940 | 109 | 1529 |
|  |  | \% ranking as "1" | 16.5\% | 14.9\% | 61.5\% | 7.1\% |  |
|  | Grade 10 | Count | 268 | 230 | 1025 | 110 | 1633 |
|  |  | \% ranking as "1" | 16.4\% | 14.1\% | 62.7\% | 6.7\% |  |
|  | Grade 11 | Count | 267 | 251 | 1049 | 111 | 1678 |
|  |  | \% ranking as "1" | 15.9\% | 15.0\% | 62.5\% | 6.6\% |  |
|  | Grade 12 | Count | 255 | 236 | 994 | 111 | 1596 |
|  |  | \% ranking as "1" | 16.0\% | 14.8\% | 62.3\% | 6.9\% |  |
|  | Adult Education | Count | 29 | 10 | 45 | 12 | 95 |
|  |  | \% ranking as "1" | 30.2\% | 10.1\% | 47.2\% | 12.5\% |  |
|  | Not applicable (Exclusive) | Count | 90 | 44 | 98 | 77 | 308 |
|  |  | \% ranking as "1" | 29.2\% | 14.2\% | 31.7\% | 24.8\% |  |
| Total |  | Count | 3639 | 3057 | 9931 | 1735 | 18361 |

Notes. Percentages and totals are based on responses (not cases counts) as grade level variable is a multiple response item.

## Table C. 6


$\overline{\text { Notes. }}{ }^{\text {A }}$ This is a constructed variable using Statistics Canada classification logic. Wording of the original question: "Race is a social construct that uses skin colour, hair texture, or other physical characteristics to determine how people are classified socially, politically, or culturally. The term is widely used in the context of relations between people from different backgrounds
to define parts of society that face systemic challenges (racialized people). Recognizing that the race categories below are limited, they are the same ones used by Statistics Canada. Using these categories will allow the BCTF to compare our organization within the larger context of Canada. Which race category best describes you? (select all that apply)"
a, b, c Each subscript letter denotes a subset of Statistics Canada Group whose proportions do not differ significantly from each other at the .05 level.

## Table C. 7



Notes. ${ }^{\text {A }}$ Full question: "Disability is a complex phenomenon, reflecting an interaction between features of a person's body and mind and features of the society in which they live. Because of its' complexity, there is no single, harmonized definition of disability, but one prevalent approach in Canada is informed by the social model of disability. The social model of disability defines person with disabilities as those who have a difficulty or impairment due to a long-term condition or health issue (lasting six months or more) that experience limitations in their daily activities. Do you identify as a person with a disability according to the above definition?"
a, b, c Each subscript letter denotes a subset of disability variable categories whose proportions do not differ significantly from each other at the .05 level.

Table C. 8

|  |  |  | Have you personally experienced discrimination or been treated unfairly by others in your workplace in the past 12 months? |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Yes | No | Prefer not to answer | Total |
| How do you define your gender identity? | Woman | Count | 656 a | 3020a | 188a | 3864 |
|  |  | \% within | 17.0 | 78.2 | 4.9 | 100.0 |
|  | Man | Count | 182 a | 906 a | $62_{\text {a }}$ | 1150 |
|  |  | \% within | 15.8 | 78.8 | 5.4 | 100.0 |
|  | Non-binary | Count | 19 b | 16 b | $1_{\text {a }}$ | 36 |
|  |  | \% within | 52.8 | 44.4 | 2.8 | 100.0 |
|  | Prefer to selfdescribe | Count | 8b | 2 b | $0 \mathrm{a}, \mathrm{b}$ | 10 |
|  |  | \% within | 80.0 | 20.0 | 0.0 | 100.0 |
|  | Prefer not to answer | Count | $41^{\text {c }}$ | 56 b | $53_{\text {b }}$ | 150 |
|  |  | \% within | 27.3 | 37.3 | 35.3 | 100.0 |
| Total |  | Count | 906 | 4000 | 304 | 5210 |
|  |  | \% within | 17.4 | 76.8 | 5.8 | 100.0 |

Notes. a, b, c Each subscript letter denotes a subset of gender identity variable categories whose proportions do not differ significantly from each other at the .05 level.

Table C. 9

|  |  |  | How would you describe your current mental |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | health? |  |  |  |  |  |  |  |  |

Table C.9.2
Measures of Association and Significance

|  | Value | Asymptotic Standard Error ${ }^{\text {a }}$ | Approximate $\mathrm{T}^{\mathrm{b}}$ | Approximate Significance |
| :---: | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | . 326 | . 027 | 11.284 | <. 001 |
| N of Valid Cases Spearman Correlation | $\begin{array}{r} .166 \\ 4899 \end{array}$ | . 014 | 11.755 | <.001 ${ }^{\text {c }}$ |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
${ }^{\text {c }}$ Based on normal approximation.

Table C. 10

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not sure | Somewhat likely | Very likely |  |
| How would you describe your current mental health? | Very | Count | 22 | 24 | 7 | 27 | 25 | 105 |
|  | poor | \% within | 21.0 | 22.9 | 6.7 | 25.7 | 23.8 | 100.0 |
|  | Poor | Count | 69 | 95 | 43 | 173 | 283 | 663 |
|  |  | \% within | 10.4 | 14.3 | 6.5 | 26.1 | 42.7 | 100.0 |
|  | Fair | Count | 103 | 173 | 66 | 386 | 1202 | 1930 |
|  |  | \% within | 5.3 | 9.0 | 3.4 | 20.0 | 62.3 | 100.0 |
|  | Good | Count | 132 | 118 | 55 | 272 | 1386 | 1963 |
|  |  | \% within | 6.7 | 6.0 | 2.8 | 13.9 | 70.6 | 100.0 |
|  | Very | Count | 31 | 24 | 13 | 67 | 400 | 535 |
|  | good | \% within | 5.8 | 4.5 | 2.4 | 12.5 | 74.8 | 100.0 |
| Total |  | Count | 357 | 434 | 184 | 925 | 3296 | 5196 |
|  |  | \% within | 6.9 | 8.4 | 3.5 | 17.8 | 63.4 | 100.0 |

Table C.10.2
Measures of Association and Significance

|  | Value | Asymptotic <br> Standard Error | Approximate T ${ }^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | .272 | .019 | 14.020 | $<.001$ |
|  | Spearman Correlation | .196 | .014 | 14.375 |
| N of Valid Cases | 5196 |  |  | $<.001^{\mathrm{c}}$ |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
${ }^{\text {c }}$ Based on normal approximation.

Table C. 11

|  |  |  | How likely is it that you will still be teaching in the $B C$ public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not <br> sure | Somewhat likely | Very likely |  |
| How do you currently feel about your job? | Very happy | Count | 19 | 32 | 15 | 53 | 593 | 712 |
|  |  | \% within | 2.7 | 4.5 | 2.1 | 7.4 | 83.3 | 100.0 |
|  | Somewhat happy | Count | 95 | 109 | 41 | 348 | 1696 | 2289 |
|  |  | \% within | 4.2 | 4.8 | 1.8 | 15.2 | 74.1 | 100.0 |
|  | Neither happy nor unhappy | Count | 30 | 46 | 34 | 146 | 368 | 624 |
|  |  | \% within | 4.8 | 7.4 | 5.4 | 23.4 | 59.0 | 100.0 |
|  | Somewhat unhappy | Count | 122 | 168 | 69 | 300 | 520 | 1179 |
|  |  | \% within | 10.3 | 14.2 | 5.9 | 25.4 | 44.1 | 100.0 |
|  | Very unhappy | Count | 89 | 76 | 22 | 76 | 112 | 375 |
|  |  | \% within | 23.7 | 20.3 | 5.9 | 20.3 | 29.9 | 100.0 |
| Total |  | Count | 355 | 431 | 181 | 923 | 3289 | 5179 |
|  |  | \% within | 6.9 | 8.3 | 3.5 | 17.8 | 63.5 | 100.0 |

Table C.11.2
Measures of Association and Significance

|  | Value | Asymptotic <br> Standard Error | Approximate $\mathrm{T}^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | -.460 | .016 | -25.552 | $<.001$ |
|  | Spearman Correlation | -.346 | .013 | -26.577 |
| N of Valid Cases | 5179 |  |  | $<.001^{\text {c }}$ |

[^1]Table C. 12

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not sure | Somewhat likely | Very <br> likely |  |
| To what extent do you agree or disagree with the following statement? My overall workload is manageable. | Strongly disagree | Count | 113 | 139 | 57 | 200 | 469 | 978 |
|  |  | \% within | 11.6 | 14.2 | 5.8 | 20.4 | 48.0 | 100.0 |
|  | Somewhat disagree | Count | 139 | 174 | 62 | 382 | 1151 | 1908 |
|  |  | \% within | 7.3 | 9.1 | 3.2 | 20.0 | 60.3 | 100.0 |
|  | Neither disagree nor agree | Count | 11 | 30 | 21 | 72 | 252 | 386 |
|  |  | \% within | 2.8 | 7.8 | 5.4 | 18.7 | 65.3 | 100.0 |
|  | Somewhat agree | Count | 65 | 69 | 24 | 203 | 1073 | 1434 |
|  |  | \% within | 4.5 | 4.8 | 1.7 | 14.2 | 74.8 | 100.0 |
|  | Strongly agree | Count | 24 | 20 | 15 | 67 | 327 | 453 |
|  |  | \% within | 5.3 | 4.4 | 3.3 | 14.8 | 72.2 | 100.0 |
| Total |  | Count | 352 | 432 | 179 | 924 | 3272 | 5159 |
|  |  | \% within | 6.8 | 8.4 | 3.5 | 17.9 | 63.4 | 100.0 |

Table C.12.2
Measures of Association and Significance

|  | Value | Asymptotic <br> Standard Error | Approximate T ${ }^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | .271 | .018 | 14.626 | $<.001$ |
|  | Spearman Correlation | .201 | .014 | 14.768 |
| N of Valid Cases | 5159 |  |  | $<.001^{\mathrm{C}}$ |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
${ }^{\text {c }}$ Based on normal approximation.

Table C. 13

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not <br> sure | Somewhat $\qquad$ likely | Very likely |  |
| Please indicate the extent to which you agree or disagree...I have the autonomy to decide my lesson objectives and content. | Strongly | Count | 6 | 10 | 3 | 9 | 22 | 50 |
|  | disagree | \% | 12.0 | 20.0 | 6.0 | 18.0 | 44.0 | 100.0 |
|  | Somewhat | Count | 32 | 38 | 14 | 32 | 71 | 187 |
|  | disagree | \% | 17.1 | 20.3 | 7.5 | 17.1 | 38.0 | 100.0 |
|  | Neither | Count | 21 | 26 | 11 | 64 | 115 | 237 |
|  | disagree nor agree | \% | 8.9 | 11.0 | 4.6 | 27.0 | 48.5 | 100.0 |
|  | Somewhat | Count | 111 | 150 | 69 | 351 | 925 | 1606 |
|  | agree | \% | 6.9 | 9.3 | 4.3 | 21.9 | 57.6 | 100.0 |
|  | Strongly agree | Count | 170 | 189 | 81 | 431 | 2015 | 2886 |
|  |  | \% | 5.9 | 6.5 | 2.8 | 14.9 | 69.8 | 100.0 |
| Total |  | Count | 340 | 413 | 178 | 887 | 3148 | 4966 |
|  |  | \% | 6.8 | 8.3 | 3.6 | 17.9 | 63.4 | 100.0 |

Table C.13.2
Measures of Association and Significance

|  | Value | Asymptotic <br> Standard Error | Approximate T ${ }^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | .265 | .021 | 11.690 | $<.001$ |
|  | Spearman Correlation | .170 | .014 | 12.167 |
| N of Valid Cases | 4966 |  |  | $<.001^{\mathrm{c}}$ |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
${ }^{\text {c }}$ Based on normal approximation.

Table C. 14

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not sure | Somewhat likely | Very likely |  |
| Please indicate the extent to which you agree or disagree...I have the autonomy to decide the teaching methods and strategies I use. | Strongly | Count | 8 | 9 | 4 | 9 | 19 | 49 |
|  | disagree | \% | 16.3 | 18.4 | 8.2 | 18.4 | 38.8 | 100.0 |
|  | Somewhat | Count | 28 | 28 | 10 | 29 | 62 | 157 |
|  | disagree | \% | 17.8 | 17.8 | 6.4 | 18.5 | 39.5 | 100.0 |
|  | Neither | Count | 15 | 25 | 18 | 37 | 81 | 176 |
|  | disagree nor agree | \% | 8.5 | 14.2 | 10.2 | 21.0 | 46.0 | 100.0 |
|  | Somewhat | Count | 119 | 167 | 65 | 373 | 918 | 1642 |
|  | agree | \% | 7.2 | 10.2 | 4.0 | 22.7 | 55.9 | 100.0 |
|  | Strongly | Count | 176 | 197 | 83 | 463 | 2158 | 3077 |
|  | agree | \% | 5.7 | 6.4 | 2.7 | 15.0 | 70.1 | 100.0 |
| Total |  | Count | 346 | 426 | 180 | 911 | 3238 | 5101 |
|  |  | \% | 6.8 | 8.4 | 3.5 | 17.9 | 63.5 | 100.0 |

Table C.14.2
Measures of Association and Significance

|  | Value | Asymptotic <br> Standard Error | Approximate T ${ }^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | .289 | .021 | 12.622 | $<.001$ |
|  | Spearman Correlation | .182 | .014 | 13.194 |
| N of Valid Cases | 5101 |  |  | $<.001^{\mathrm{c}}$ |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
c Based on normal approximation.

Table C. 15

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not sure | Somewhat likely | Very likely |  |
| Please indicate the extent to which | Strongly | Count | 35 | 27 | 5 | 24 | 77 | 168 |
|  | disagree | \% | 20.8 | 16.1 | 3.0 | 14.3 | 45.8 | 100.0 |
|  | Somewhat | Count | 68 | 77 | 22 | 118 | 320 | 605 |
| you agree or disagree...l | disagree | \% | 11.2 | 12.7 | 3.6 | 19.5 | 52.9 | 100.0 |
|  | Neither disagree | Count | 27 | 43 | 29 | 80 | 176 | 355 |
| have the autonomy to decide how I | nor agree | \% | 7.6 | 12.1 | 8.2 | 22.5 | 49.6 | 100.0 |
|  | Somewhat | Count | 106 | 147 | 55 | 365 | 1212 | 1885 |
| assess student learning. | agree | \% | 5.6 | 7.8 | 2.9 | 19.4 | 64.3 | 100.0 |
|  | Strongly agree | Count | 100 | 114 | 59 | 295 | 1335 | 1903 |
|  |  | \% | 5.3 | 6.0 | 3.1 | 15.5 | 70.2 | 100.0 |
| Total |  | Count | 336 | 408 | 170 | 882 | 3120 | 4916 |
|  |  | \% | 6.8 | 8.3 | 3.5 | 17.9 | 63.5 | 100.0 |

Table C.15.2
Measures of Association and Strength

|  | Value | Asymptotic <br> Standard Error | Approximate T ${ }^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | .218 | .020 | 10.675 | $<.001$ |
|  | Spearman Correlation | .156 | .014 | 11.060 |
| N of Valid Cases | 4916 |  |  |  |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
${ }^{\text {c }}$ Based on normal approximation.

Table C. 16

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not <br> sure | Somewhat likely | Very <br> likely |  |
| Please indicate the extent to which you agree or disagree...l have the autonomy to decide my approach to classroom management. | Strongly | Count | 12 | 12 | 4 | 20 | 32 | 80 |
|  | disagree | \% | 15.0 | 15.0 | 5.0 | 25.0 | 40.0 | 100.0 |
|  | Somewhat | Count | 35 | 55 | 13 | 55 | 115 | 273 |
|  | disagree | \% | 12.8 | 20.1 | 4.8 | 20.1 | 42.1 | 100.0 |
|  | Neither disagree | Count | 18 | 23 | 25 | 35 | 102 | 203 |
|  | nor agree | \% | 8.9 | 11.3 | 12.3 | 17.2 | 50.2 | 100.0 |
|  | Somewhat agree | Count | 128 | 159 | 65 | 388 | 987 | 1727 |
|  |  | \% | 7.4 | 9.2 | 3.8 | 22.5 | 57.2 | 100.0 |
|  | Strongly agree | Count | 140 | 164 | 70 | 401 | 1933 | 2708 |
|  |  | \% | 5.2 | 6.1 | 2.6 | 14.8 | 71.4 | 100.0 |
| Total |  | Count | 333 | 413 | 177 | 899 | 3169 | 4991 |
|  |  | \% | 6.7 | 8.3 | 3.5 | 18.0 | 63.5 | 100.0 |

Table C.16.2
Measures of Association and Strength

|  | Value | Asymptotic <br> Standard Error | Approximate $T^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | .297 | .020 | 13.608 | $<.001$ |
|  | Spearman Correlation | .196 | .014 | 14.125 |
| N of Valid Cases | 4991 |  |  | $<.001^{\text {c }}$ |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
${ }^{\text {c }}$ Based on normal approximation.

Table C. 17

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not sure | Somewhat likely | Very <br> likely |  |
| Please indicate the extent to which you agree or disagree...l have the autonomy to decide how I communicate about student learning with parents/ guardians. | Strongly | Count | 58 | 64 | 23 | 77 | 216 | 438 |
|  | disagree | \% | 13.2 | 14.6 | 5.3 | 17.6 | 49.3 | 100.0 |
|  | Somewhat | Count | 83 | 111 | 39 | 209 | 660 | 1102 |
|  | disagree | \% | 7.5 | 10.1 | 3.5 | 19.0 | 59.9 | 100.0 |
|  | Neither | Count | 36 | 50 | 27 | 125 | 328 | 566 |
|  | disagree nor agree | \% | 6.4 | 8.8 | 4.8 | 22.1 | 58.0 | 100.0 |
|  | Somewhat | Count | 107 | 119 | 54 | 335 | 1195 | 1810 |
|  | agree | \% | 5.9 | 6.6 | 3.0 | 18.5 | 66.0 | 100.0 |
|  | Strongly | Count | 58 | 70 | 29 | 143 | 739 | 1039 |
|  | agree | \% | 5.6 | 6.7 | 2.8 | 13.8 | 71.1 | 100.0 |
| Total |  | Count | 342 | 414 | 172 | 889 | 3138 | 4955 |
|  |  | \% | 6.9 | 8.4 | 3.5 | 17.9 | 63.3 | 100.0 |

Table C.17.2
Measures of Association and Strength

|  | Value | Asymptotic <br> Standard Error |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Approximate T ${ }^{\text {b }}$ | Approximate <br> Significance |  |  |
| Ordinal by Ordinal Gamma | .169 | .019 | 8.879 | $<.001$ |
|  | Spearman Correlation | .128 | .014 | 9.062 |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
c Based on normal approximation.

Table C. 18

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not sure | Somewhat likely | Very likely |  |
| Please indicate the extent to which you agree or disagree...I have the autonomy to decide how I use technology for my work. | Strongly | Count | 15 | 19 | 1 | 17 | 45 | 97 |
|  | disagree | \% | 15.5 | 19.6 | 1.0 | 17.5 | 46.4 | 100.0 |
|  | Somewhat | Count | 48 | 53 | 14 | 90 | 187 | 392 |
|  | disagree | \% | 12.2 | 13.5 | 3.6 | 23.0 | 47.7 | 100.0 |
|  | Neither | Count | 28 | 41 | 28 | 71 | 182 | 350 |
|  | disagree nor agree | \% | 8.0 | 11.7 | 8.0 | 20.3 | 52.0 | 100.0 |
|  | Somewhat | Count | 131 | 161 | 70 | 402 | 1137 | 1901 |
|  | agree | \% | 6.9 | 8.5 | 3.7 | 21.1 | 59.8 | 100.0 |
|  | Strongly | Count | 132 | 154 | 69 | 338 | 1690 | 2383 |
|  | agree | \% | 5.5 | 6.5 | 2.9 | 14.2 | 70.9 | 100.0 |
| Total |  | Count | 354 | 428 | 182 | 918 | 3241 | 5123 |
|  |  | \% | 6.9 | 8.4 | 3.6 | 17.9 | 63.3 | 100.0 |

Table C.18.2
Measures of Association and Strength

|  | Value | Asymptotic <br> Standard Error |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Approximate T ${ }^{\mathrm{b}}$ | Approximate <br> Significance |  |  |
| Ordinal by Ordinal Gamma | .240 | .020 | 11.684 | $<.001$ |
|  | Spearman Correlation | .165 | .014 | 11.981 |
| N of Valid Cases | 5123 |  |  | $<.001^{c}$ |

[^2]Table C. 19

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not <br> sure | Somewhat likely | Very likely |  |
| Please indicate the extent to which you agree or disagree...l have the autonomy to decide how my classroom/ workspace is used. | Strongly | Count | 23 | 29 | 7 | 35 | 96 | 190 |
|  | disagree | \% | 12.1 | 15.3 | 3.7 | 18.4 | 50.5 | 100.0 |
|  | Somewhat | Count | 44 | 56 | 25 | 90 | 245 | 460 |
|  | disagree | \% | 9.6 | 12.2 | 5.4 | 19.6 | 53.3 | 100.0 |
|  | Neither | Count | 20 | 30 | 16 | 64 | 181 | 311 |
|  | disagree nor agree | \% | 6.4 | 9.6 | 5.1 | 20.6 | 58.2 | 100.0 |
|  | Somewhat | Count | 117 | 138 | 50 | 372 | 982 | 1659 |
|  | agree | \% | 7.1 | 8.3 | 3.0 | 22.4 | 59.2 | 100.0 |
|  | Strongly | Count | 141 | 165 | 77 | 337 | 1679 | 2399 |
|  | agree | \% | 5.9 | 6.9 | 3.2 | 14.0 | 70.0 | 100.0 |
| Total |  | Count | 345 | 418 | 175 | 898 | 3183 | 5019 |
|  |  | \% | 6.9 | 8.3 | 3.5 | 17.9 | 63.4 | 100.0 |

Table C.19.2
Measures of Association and Strength

|  | $\begin{array}{c}\text { Asymptotic }\end{array}$ |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| Value | Standard Error |  |  |  | Approximate T \(\left.{ }^{b} \begin{array}{c}Approximate <br>

Significance\end{array}\right]\)

[^3]Table C. 20

|  |  |  | How likely is it that you will still be teaching in the BC public education system in two years time? |  |  |  |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Very unlikely | Somewhat unlikely | Not sure | Somewhat likely | Very likely |  |
| Please indicate the extent to which you agree or disagree...l have the autonomy to decide my professional development activities. | Strongly | Count | 26 | 28 | 8 | 26 | 76 | 164 |
|  | disagree | \% | 15.9 | 17.1 | 4.9 | 15.9 | 46.3 | 100.0 |
|  | Somewhat | Count | 48 | 71 | 24 | 87 | 254 | 484 |
|  | disagree | \% | 9.9 | 14.7 | 5.0 | 18.0 | 52.5 | 100.0 |
|  | Neither | Count | 30 | 37 | 19 | 78 | 150 | 314 |
|  | disagree nor agree | \% | 9.6 | 11.8 | 6.1 | 24.8 | 47.8 | 100.0 |
|  | Somewhat | Count | 121 | 135 | 65 | 366 | 1151 | 1838 |
|  | agree | \% | 6.6 | 7.3 | 3.5 | 19.9 | 62.6 | 100.0 |
|  | Strongly | Count | 131 | 160 | 66 | 357 | 1621 | 2335 |
|  | agree | \% | 5.6 | 6.9 | 2.8 | 15.3 | 69.4 | 100.0 |
| Total |  | Count | 356 | 431 | 182 | 914 | 3252 | 5135 |
|  |  |  | 6.9 | 8.4 | 3.5 | 17.8 | 63.3 | 100.0 |

Table C.20.2
Measures of Association and Strength

|  | Value | Asymptotic <br> Standard Error | Approximate T ${ }^{\mathrm{b}}$ | Approximate <br> Significance |
| :--- | :---: | :---: | :---: | :---: |
| Ordinal by Ordinal Gamma | .209 | .020 | 10.217 | $<.001$ |
|  | Spearman Correlation | .146 | .014 | 10.549 |

Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
${ }^{\text {c }}$ Based on normal approximation.

## Appendix D: Demographic Breakdown of the Sample

Table D. 1
What is your current teaching position? If you work in multiple categories, please choose the one in which you spend most of your time.

|  | $N$ | $\%$ |
| :--- | :---: | :---: |
| Classroom Teacher | 3256 | 62.5 |
| Specialist Teacher |  |  |
| Teacher Teaching on Call (TTOC) | 1167 | 22.4 |
| Adult/Continuing Education Teacher | 446 | 8.6 |
| Distributed Learning (DL) Teacher | 47 | .9 |
| District Coordinator or District Helping Teacher | 54 | 1.0 |
| Local Officer or Local Executive Officer | 66 | 1.3 |
| On leave | 25 | .5 |
| Other (please specify) | 30 | .6 |
| Total | 119 | 2.3 |

$\overline{\text { Notes. }{ }^{A} \text { Full response category wording: "Specialist Teacher (e.g., Learning Assistance, Teacher-Librarian, Inclusion Support, }}$ Special Education, Deaf and Hard of Hearing, Counsellor, English Language Learning, Speech Language Pathologist, Aboriginal or Indigenous Support)."

Table D. 2
What is your current employment status? Select all that apply.

|  | Responses |  |  |
| :--- | :---: | :---: | :---: |
|  | $N$ | $\%$ | $\%$ of Cases |
| Full-time continuing | 3775 | 68.5 | 72.5 |
| Full-time temporary | 318 | 5.8 | 6.1 |
| Part-time continuing | 516 | 9.4 | 9.9 |
| Part-time temporary | 179 | 3.2 | 3.4 |
| Teacher teaching on call (TTOC) | 536 | 9.7 | 10.3 |
| Currently not working/on leave | 103 | 1.9 | 2.0 |
| Other (please specify) | 88 | 1.6 | 1.7 |
| Total | $\mathbf{5 5 1 3}$ | $\mathbf{1 0 0 . 0}$ | $\mathbf{1 0 5 . 8}$ |

Notes. This question asked respondent to select all response options that applied to them, so the total number of responses $(5,513)$ is greater than the number of respondents $(5,209)$.

## Table D. 3

How many years of teaching experience do you have? Please include years of teaching in all jurisdictions including outside of Canada.

|  |  | $N$ | $\%$ | Valid $\%$ |
| :--- | :--- | :---: | :---: | :---: |
| Valid | 1 year (or less) | 185 | 3.5 | 3.6 |
|  | 2 to 4 years | 562 | 10.8 | 10.8 |
|  | 5 to 9 years | 815 | 15.7 | 15.7 |
|  | 10 to 14 years | 868 | 16.7 | 16.7 |
|  | 15 to 19 years | 826 | 15.9 | 15.9 |
|  | 20 to 30 years | 1497 | 28.7 | 28.8 |
|  | Over 30 years | 444 | 8.5 | 8.5 |
|  | Total | 5196 | 99.7 | 100.0 |
| Missing | Not sure/Prefer not to answer | 13 | .3 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Table D. 4
What is the highest level of formal education you have completed?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | A college program (e.g., apprenticeship, certificate or | 32 | .6 | .6 |
|  | college diploma) |  |  |  |
|  | An undergraduate degree (e.g., Bachelor of Arts) | 1455 | 27.9 | 28.0 |
|  | A post-baccalaureate diploma or certificate | 1622 | 31.1 | 31.3 |
|  | A Master's degree | 1915 | 36.8 | 36.9 |
|  | A Ph.D or Ed.D degree | 95 | 1.8 | 1.8 |
|  | Other (please specify) | 70 | 1.3 | 1.4 |
|  | Total | 5189 | 99.6 | 100.0 |
| Missing | Prefer not to answer | 21 | .4 |  |
| Total | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |  |

Table D. 5
Please indicate your age.

|  |  | $N$ | $\%$ | Valid $\%$ |
| :--- | :--- | :---: | :---: | :---: |
| Valid | $18-24$ years old | 30 | .6 | .6 |
|  | $25-29$ years old | 401 | 7.7 | 7.9 |
|  | $30-34$ years old | 558 | 10.7 | 11.0 |
|  | $35-39$ years old | 644 | 12.4 | 12.7 |
|  | $40-44$ years old | 864 | 16.6 | 17.0 |
|  | $45-49$ years old | 815 | 15.6 | 16.1 |
|  | $50-54$ years old | 864 | 16.6 | 17.0 |
|  | $55-59$ years old | 591 | 11.3 | 11.6 |
|  | $60-64$ years old | 241 | 4.6 | 4.8 |
|  | 65 years or older | 67 | 1.3 | 1.3 |
|  | Total | 5075 | 97.4 | 100.0 |
|  | Mrefer not to answer | 134 | 2.6 |  |
| Missing |  | 5209 | 100.0 |  |

Table D. 6
How do you define your gender identity?

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Woman | 3864 | 74.2 | 76.4 |
|  | Man | 1150 | 22.1 | 22.7 |
|  | Non-binary | 35 | .7 | .7 |
|  | Prefer to self-describe | 10 | .2 | .2 |
|  | Total | 5060 | 97.1 | 100.0 |
| Missing | Prefer not to answer | 150 | 2.9 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

## Table D. 7

...Do you identify as a person with a disability according to the above definition? ${ }^{\text {A }}$

|  |  | $N$ | $\%$ | Valid \% |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Yes | 547 | 10.5 | 11.0 |
|  | No | 4417 | 84.8 | 89.0 |
|  | Total | 4964 | 95.3 | 100.0 |
| Missing | Prefer not to answer | 246 | 4.7 |  |
| Total |  | $\mathbf{5 2 0 9}$ | $\mathbf{1 0 0 . 0}$ |  |

Notes. ${ }^{\text {A }}$ Full question: "Disability is a complex phenomenon, reflecting an interaction between features of a person's body and mind and features of the society in which they live. Because of its' complexity, there is no single, harmonized definition of disability, but one prevalent approach in Canada is informed by the social model of disability. The social model of disability defines person with disabilities as those who have a difficulty or impairment due to a long-term condition or health issue (lasting six months or more) that experience limitations in their daily activities. Do you identify as a person with a disability according to the above definition?"

Table D. 8
Statistics Canada Group ${ }^{A}$

|  |  |  | $N$ | $\%$ |
| :--- | :--- | :---: | :---: | :---: |
| Valid | Valid \% |  |  |  |
|  | White | 3812 | 73.2 | 80.4 |
|  | South Asian (e.g., Indian, Pakistani, Sri Lankan) | 213 | 4.1 | 4.5 |
|  | Chinese | 232 | 4.4 | 4.9 |
|  | Black | 20 | .4 | .4 |
|  | Filipino | 29 | .5 | .6 |
|  | Arab | 10 | .2 | .2 |
|  | Latin American | 27 | .5 | .6 |
|  | Southeast Asian (e.g., Vietnamese, Cambodian, Laotian, Thai) | 24 | .5 | .5 |
|  | West Asian (e.g., Iranian, Afghan) | 18 | .3 | .4 |
|  | Korean | 28 | .5 | .6 |
|  | Japanese | 26 | .5 | .5 |
|  | Other non-White/non-Indigenous group, n.i.e. | 3 | .1 | .1 |
|  | Multiple non-White/non-Indigenous groups | 115 | 2.2 | 2.4 |
|  | Indigenous peoples (First Nations, Métis, Inuit) | 187 | 3.6 | 3.9 |
|  | Total | 4743 | 91.0 | 100.0 |
| Missing | Could not be classified | 44 | .9 |  |
|  | Prefer not to answer | 422 | 8.1 |  |
| Total | Total | 467 | 9.0 |  |

Notes. ${ }^{\text {A }}$ This is a constructed variable using Statistics Canada classification logic. Wording of the original question: "Race is a social construct that uses skin colour, hair texture, or other physical characteristics to determine how people are classified socially, politically, or culturally. The term is widely used in the context of relations between people from different backgrounds to define parts of society that face systemic challenges (racialized people). Recognizing that the race categories below are limited, they are the same ones used by Statistics Canada. Using these categories will allow the BCTF to compare our organization within the larger context of Canada. Which race category best describes you? (select all that apply)"


[^0]:    Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
    ${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
    c Based on normal approximation.

[^1]:    Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
    ${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
    ${ }^{\text {c }}$ Based on normal approximation.

[^2]:    Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
    ${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
    ${ }^{\text {c }}$ Based on normal approximation.

[^3]:    Notes. ${ }^{\text {a }}$ Not assuming the null hypothesis.
    ${ }^{\mathrm{b}}$ Using the asymptotic standard error assuming the null hypothesis.
    ${ }^{\text {c }}$ Based on normal approximation.

