Student Health Surveys Overview of 2022 Results

National College Health Assessment (NCHA) and Canadian Campus Wellbeing Survey (CCWS)

February 2023



Survey Implementation Details

WHO

33,720 students surveyed (~11K/survey); overall response rate **12.5%**

WHAT

3 concurrent surveys:

- National College Health Assessment (NCHA)
- Canadian Campus Wellbeing Survey (CCWS)
- Health Canada's Canadian Post-Secondary Drug & Alcohol Survey (CPADS) (results pending release)

WHEN

Feb 15 - Mar 22, 2022 COVID-19 pandemic **lockdowns/restrictions in place** (online classes Jan 10- Feb 28, 2022)

HOW

Multi-channel promotion- direct emails, paid & organic social posts, display marketing, etc.)

Incentives:

- \$5 flex or donation by Queen's to one of three local non-profits for first 750 respondents of each survey
- Prize draws for 10 x \$100 SkipTheDishes credits

About the Surveys

Purpose: To gather a 'snapshot' of current student health behaviours, attitudes, experiences and perceptions to guide continued action that promotes student wellbeing at Queens.

National Collage Health Assessment (NCHA) III

Canadian Campus Wellbeing Survey (CCWS)





NCHA II implemented at Queen's in 2013,	1st implementation at Queen's
2016, 2019	Survey developed primarily by UBC researchers

2022: n=1,017 responses, 9% response rate n=1,332 responses, 12% response rate

30-45 mins 15-20 mins

16 other Canadian PS institutions 14 other Canadian PS institutions

How past survey data has informed actions

- Identifies the most common health-related issues affecting students' academic performance and wellbeing
- Identifies of areas of strength within the campus community
- **Engages students, staff and faculty** to help improve a culture of wellbeing at Queen's
- Informs resource allocation for new and ongoing wellbeing initiatives and services
- Identifies student communities requiring specific supports

Survey Data Themes, and Respondents

Themes

- Overall Health
- Physical Health
- Food Security
- Mental Health
- Substance Use Health
- Social Health: Belonging, Respect and Safety
- Awareness and Use of Health Services

Respondents

- Overall response
- Canadian comparator group
- Queen's sub-groups:
 - Graduate, undergraduate students
 - Students with disabilities
 - Students who identify as trans and/or gender nonconforming
 - Students who identify as LGBQ+ Students
 - who identify as racialized Students who
 - participate in varsity, club, or intramural sports
 - Self-reported grades
 - First-generation students

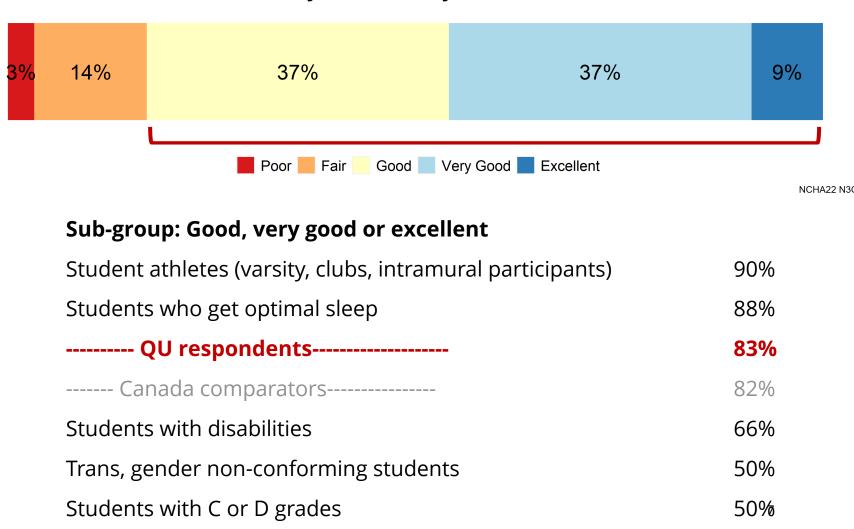
Overall Health



Overall Health

83% of students
surveyed described
their overall health
as good, very good
or excellent
(Canada = 82%)

'How would you describe your overall health?'

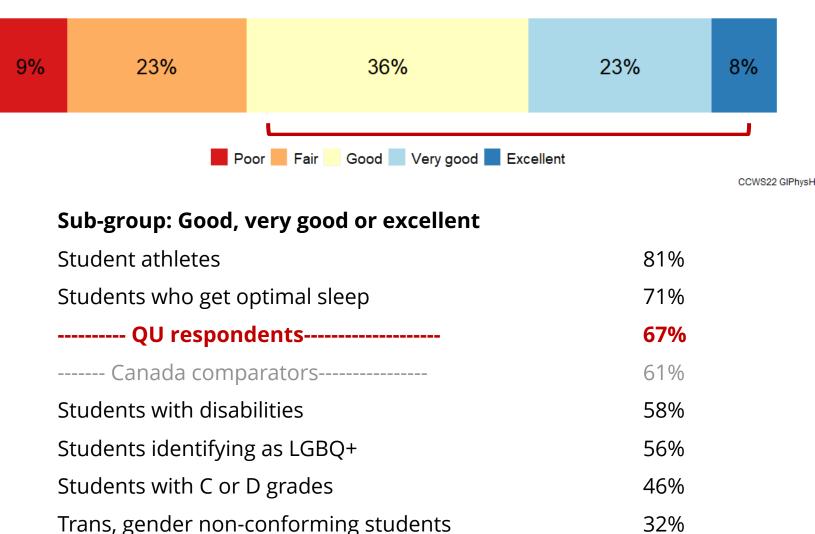


Physical Health

67% of students surveyed described their physical health as good, very good or excellent

(Canada = 61%)

'In general, how would you rate your physical health?'

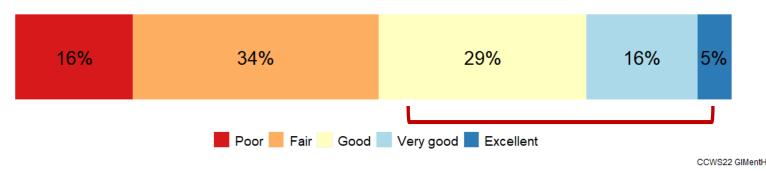


CCWS Mental Health

50% of students surveyed described their mental health as good, very good or excellent

(Canada = 46%)

'In general, how would you rate your mental health?'



Sub-group: Good, very good or excellent

Student with A grades	53%
QU respondents	50%
Canada comparators	46%
Students identifying as LGBQ+	36%
Students with C or D grades	35%
Students with disabilities	31%
Trans, gender non-conforming students	26%

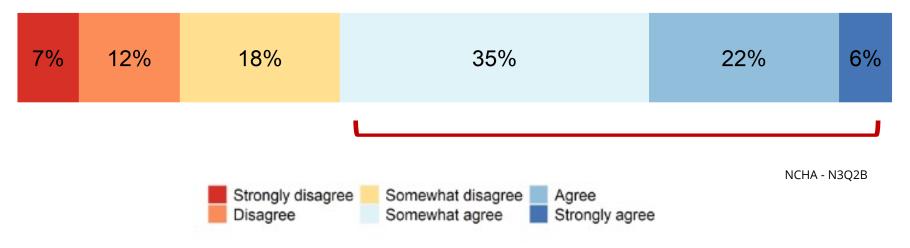
Overall Health - Institutional Priority

'I feel that students' health and well-being is a priority at my university'

63% of students strongly agree, agree, or somewhat agree that students'

health and wellbeing is a priority at their university

(Canada = 73%)



Common Health Conditions

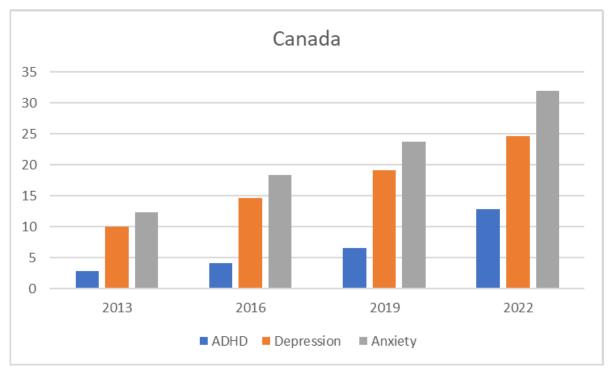
% diagnosed last 12 mo
20%
7%
7%
6%
2%
2%

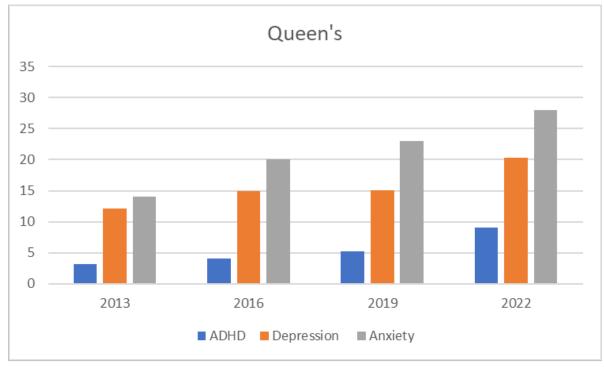
COVID-19	% diagnosed last 12 mo
Ever had COVID-19 (as of March 2022)	24% Yes 11% Unsure
Symptoms lasting longer than 4 weeks	27.5%
Loved one, family / friend died due to COVID-19	8%

Ongoing / Chronic Conditions	% diagnosed ever
Anxiety	28%
Acne	28%
Allergies (environmental)	23%
Depression	20%
Asthma	16%
Food Allergies	12%
Migraines	10%
ADHD	9%
Chronic Pain (including back pain)	7%
Insomnia	6%
PTSD	5%
Eating Disorders	5%

Common Health Conditions: ADHD, Depression, Anxiety - NCHA Survey Data

"Have you <u>ever</u> been diagnosed by a healthcare or mental health professional with any of the following ongoing or chronic conditions?"





These graphs compare NCHA results over time. Queen's is on trend with Canada, but has **slightly lower rates** of all three conditions (ADHD 9%, Depression 20%, Anxiety 28%) when compared to Canada (ADHD 13%, Depression 25%, Anxiety 32%)

Examples of Actions Supporting Overall Health & Wellbeing

 Implementation of Campus Wellness Framework and National Standard for Post-Secondary Student Mental Health and Wellbeing



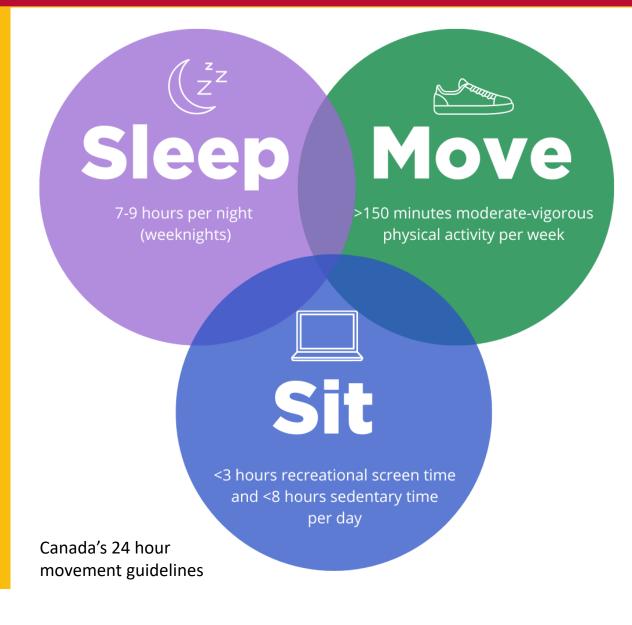
- Increased access to timely clinical services on campus
 - Expanded triage and Peer Wellness and Clinic Navigator programs in Coté-Sharp Student Wellness Centre
 - Expanded therapy groups
 - New health care practitioners (Nurse Practitioners, Occupational Therapists, dietician)
- Increased engagement to amplify student voices and perspectives, e.g., Student Mental Health Collective, SWS Student Advisory Group, Student-led outreach and health promotion
- Dynamic COVID response, e.g., **prioritized in-person access** to physical activity opportunities, medical services, on-campus testing and vaccine clinics, & increased hybrid student service delivery







Physical Health





Sleep

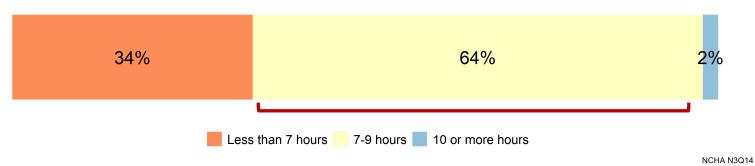
64% of students reported

7-9 hours sleep on

weeknights

(Canada = 56%)

Percent of Students Reporting 7-9 Hours per Night of Sleep on Weeknights



Sub-Groups: % who reported 7-9 hours sleep / weeknights

Student athletes, including intramurals	
QU respondents	64%
Canada comparators	56%
Students who identify as racialized	55%
Students with disabilities	49%
Trans, gender non-conforming students	47%
Students with C or D grades	30%

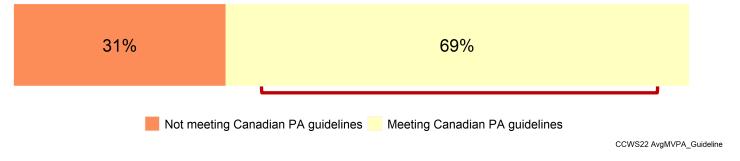
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Move - Physical Activity

69% of students met the
Canadian Physical Activity
guidelines (150 min of
moderate physical
activity/week)

(Canada = 63%)

Percent of Students Meeting Canadian Physical Activity Guidelines



Sub-Groups: % who meet guidelines

Student athletes	80%
QU respondents	69%
Canada comparators	63%
Students who identify as racialized	59%

16

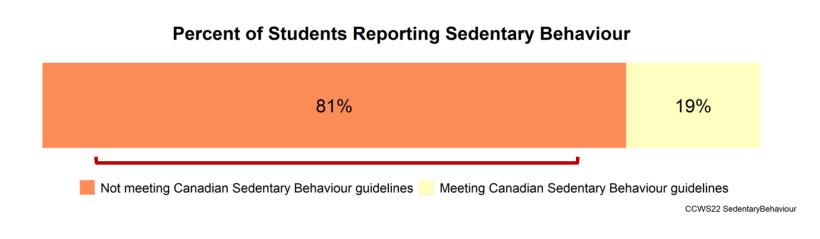
Sit - Sedentary Behaviour

81% of students are more sedentary than the daily guidelines

(Canada = 83%)

10% of Queen's students indicate sitting for 12 hours / day or longer

(Canada = 13%)



Sub-Groups: % who are more sedentary than the daily guidelines

QU respondents	81%
Canada comparators	83%
Students with disabilities	86%

Examples of Actions to Promote Physical Health

- Peer Wellness Coaching for 1-1 goal-setting appointments (new in 2022)
- Donor-funded (PHE class '73) Prescription Exercise Program @Queen's
- SWS-SKHS partnership to implement 24-hr movement guideline interventions
 - e.g. ParticipACTION research; tools for health care providers to discuss physical activity with patients
- Health Promotion's Peer Health Educators Recreational Run Club: building community & decreasing barriers to regular moderate activity
- Nature-Rx hikes organized by Health Promotion and A&R with Yellow House, Residence Life etc.
- A&R Yellow House partnership programs: e.g. Solidarity Swims, Afro Beats dance classes



GET ACTIVE WITH OUEEN'S ATHLETICS & RECREATION

\$0.00 - \$5.00

. Location: Studio 4 · Class Duration: 50-minut

urn to Programs / Afro Beats (BIPOC Communit



Sexual Health

- 68% of Queen's students have engaged in sexual activity (Canada = 52%) (ccws)
- 44% of students who answered yes, indicated always or almost always using a protective barrier: Condom, dental dam, glove etc (Canada = 43%) (ccws)
- Mean number of sexual partners = 2 (NCHA)
- Median number of sexual partners = 1 (NCHA)
- 13.5% of Queen's students report 4 or more sexual partners (NCHA)
- 61% of students report being moderately or very satisfied with their sex lives (ccws) (Canada = 61%)

Methods used to prevent pregnancy during vaginal intercourse	%
Birth control pills	45%
Condom	46%
IUD	23%
Withdrawal	20%
Other hormone methods	6%
Fertility awareness	4%

Examples of Actions to Promote Sexual Health

- Longstanding Sexual Health Peer Health Educator team
 - <u>"Ask Me Anything About Sex" social media</u> <u>initiative</u> and other student-led programming
- SWS Transcare Team
- SWS medical staff: family doctors, obstetrician/ gynecologist, nurse practitioners, nurses
 - referrals to community specialists, as needed
 - Increased access to STI testing
- On-campus <u>Sexual Health Resource Centre</u>
- Sex-positive programming and supports for 2SLGBTQ+ and BIPoC student communities through the Yellow House and campus partners



Food Security

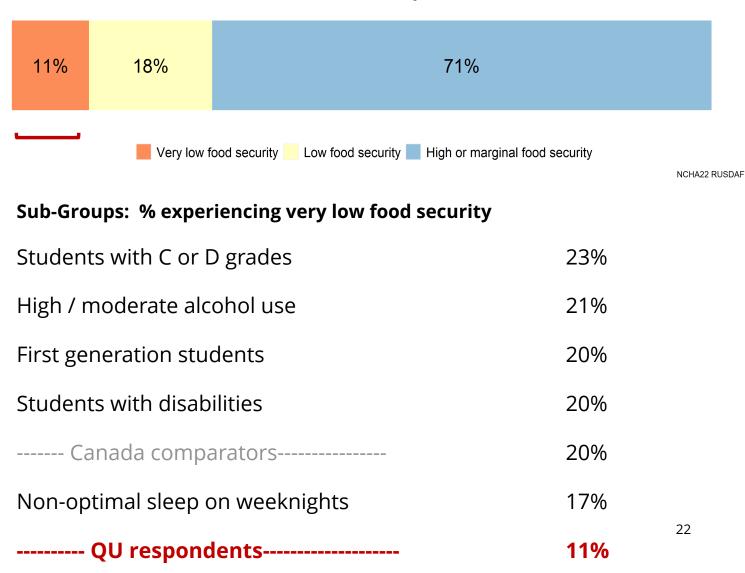


Food Security

11% of students indicate experiencing very low food security (severe food insecurity)

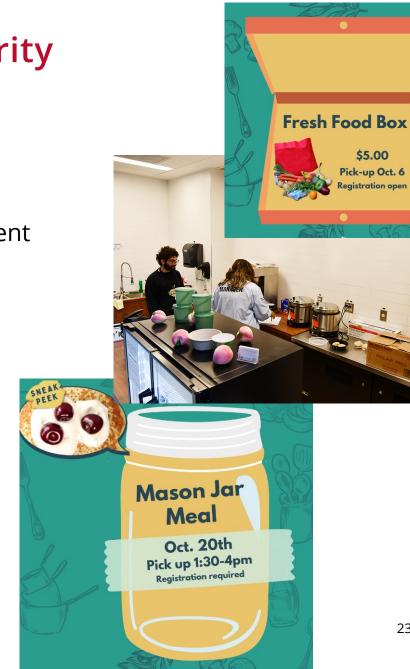
(Canada = 20%)

NCHA Food Security Score



Examples of Actions to Promote Food Security

- Queen's Food Insecurity Advisory Committee chaired by Student Affairs on behalf of the Provost
- Student Food Collective
- Centralized Food Access Resources information hub on the Student Affairs website
- AMS on-campus Food Bank
- Pay-what-you-can PEACH Market AMS and Hospitality Services partnership
- Peer support through the unique-in-Canada Swipe It Forward Queen's program
- Programming by the <u>SWS peer-led Health Promotion team</u>:
 - Fresh Food Boxes, Mason Jar meals, Healthy Cooking sessions
- Integration of food insecurity into policies and strategies to advance UN SDG 2: Zero Hunger



\$5.00

Mental Health

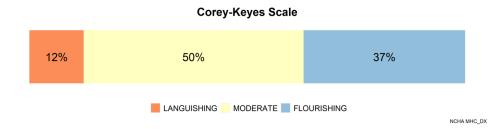


Positive Mental Health

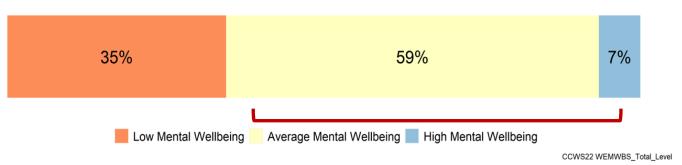
66% indicate average or high mental wellbeing in last 2 weeks (CCWS)

(Canada = 60%)

Similar measure (NCHA):



Warwick-Edinburgh Mental Well-being Scale



Sub-Groups:	% experiencing	average or high	n mental wellbeing
		,	

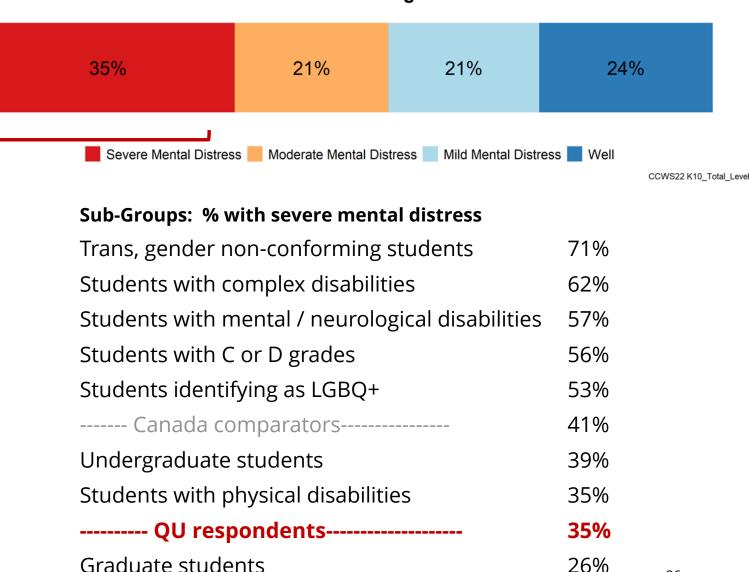
Student athletes, including intramurals	74%
Students with physical disabilities	71%
Optimal sleep on weeknights	69%
QU respondents	66%
Canada comparators	60%
Students identifying as LGBQ+	53%
Students with mental / neurological disabilities	52%
Greater than 9 hrs screen time per day	49%
Students with C or D grades	49%
Students with complex disabilities	40%

Mental Health Distress

35% of students indicate **severe mental distress** in the last 30 days

(Canada = 41%)

Kessler 10 Screening Scale



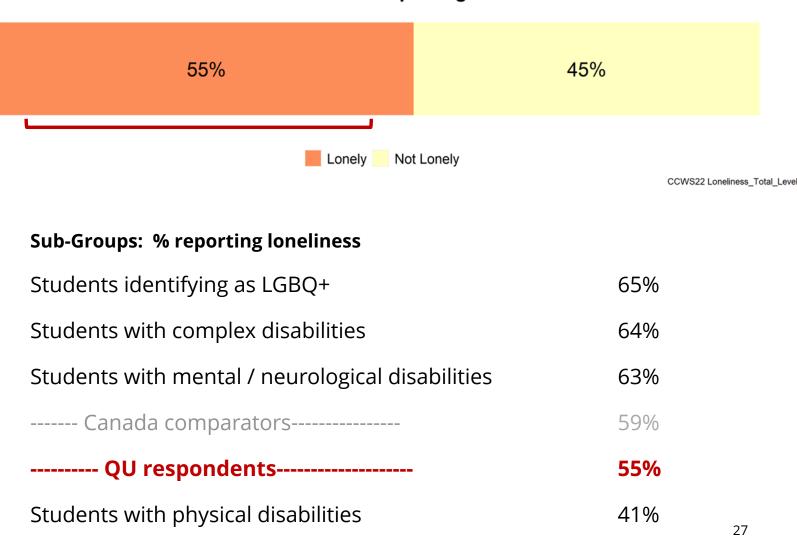
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Loneliness

55% of students report **loneliness**

(Canada = 59%)

Percent of Students Reporting Loneliness



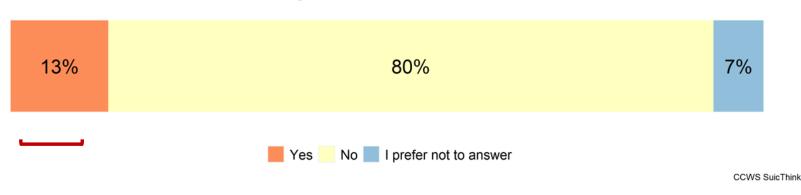
Suicidal Thoughts and Plans

13% of students report serious thoughts of suicide (Canada = 13%)

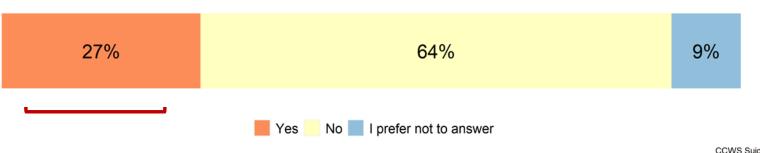
Of those reporting thoughts of suicide: 27% of Queen's students report having plans (Canada 27%)

2.8% of Queen's students report attempting suicide (Canada 2.9%) (NCHA)

Serious Thoughts of Suicide in Past 12 Months

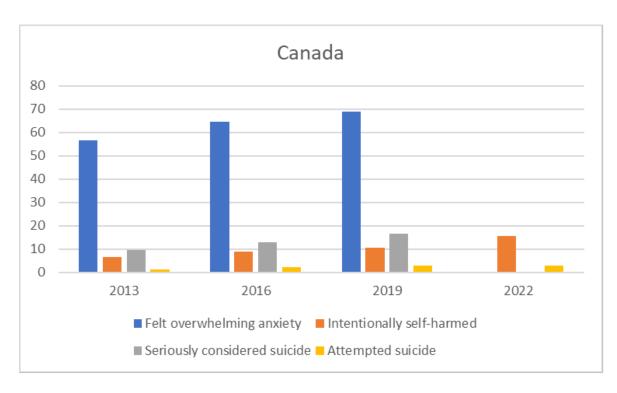


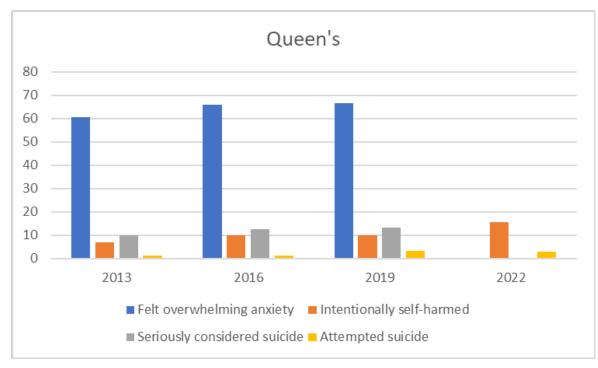
Planned Suicide in Past 12 Months (of those who said YES to previous question 'SuicThink'



CCWS SuicPlan

Trends – Students in Distress – NCHA Survey Data





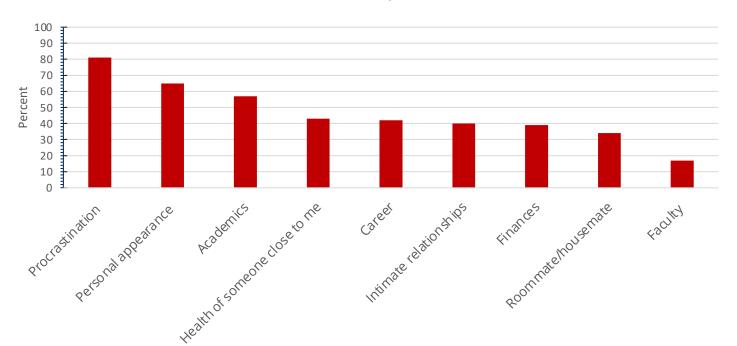
These graphs compare NCHA results over time. Queen's has similar rates as all Canadian students surveyed.

Stress & Sources of Stress (NCHA)

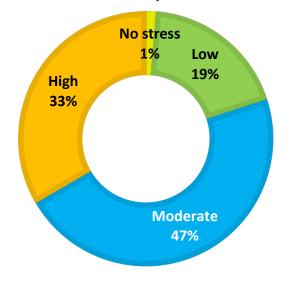
- **80%** of students report **moderate or high stress levels** (Canada 83.7%)
- 47% of students report good or very good ability to manage stress (no Canadian reference, question added by Queen's)

Sources of Stress

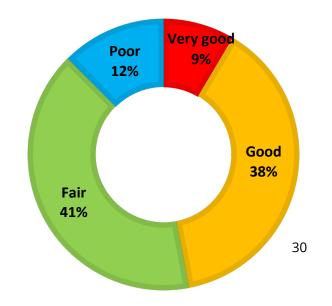
% of student respondents indicating source of stress (past 12 months)



STRESS LEVELS (LAST 30 DAYS)



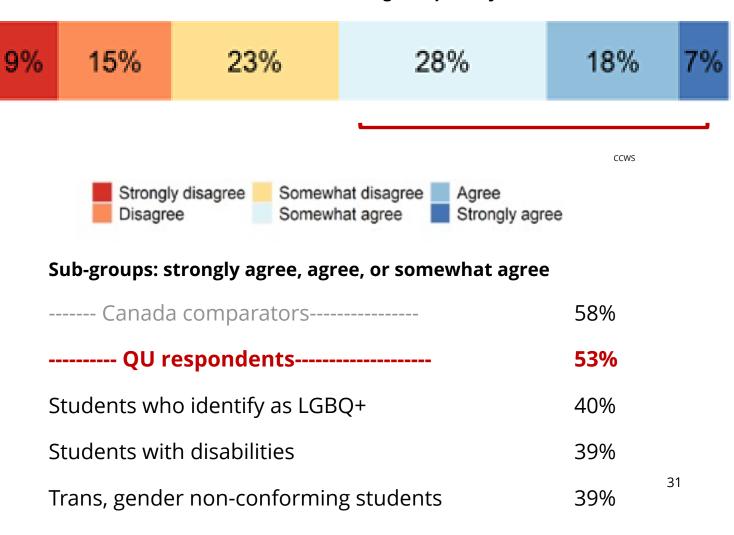
ABILITY TO MANAGE STRESS



Mental Health - Institutional Priority

53% strongly agree, agree, or somewhat agree that students' mental health and emotional wellbeing is a priority at their university (Canada = 58%)

'At my institution, I feel that students' mental and emotional wellbeing is a priority'

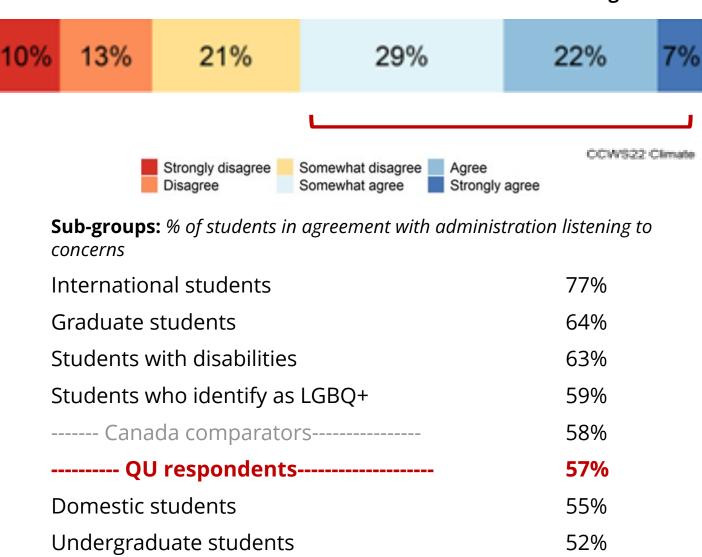


Caring Campus Community

57% of students somewhat agree, agree or strongly agree with statement: 'At my institution, the administration is listening to the concerns of students when it comes to mental health and wellbeing'

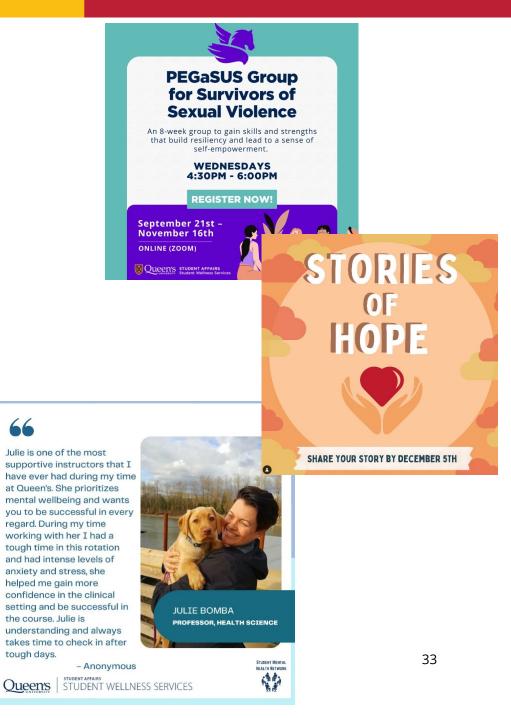
Canada = 58%

'At my institution, the administration is listening to the concerns of students when it comes to mental health and wellbeing'



Examples of Mental Health Initiatives & Supports

- 14% increase in mental health-related SWS appointments
- Over pandemic, continued in-person and virtual medical and mental health care
- 18 counsellor-led wellness groups, including managing powerful emotions, anxiety / stress, mindfulness practice, ADHD support
- New Black-identified counsellor providing one-on-one wellbeing and programming tailored to BIPoC students
- Creating a 'suicide safer community' ASIST, safeTALK, START training for students, staff & faculty
- Student SWS Advisory group; Student Mental Health Collective spearheading initiatives, including Campus Champions for Mental Health



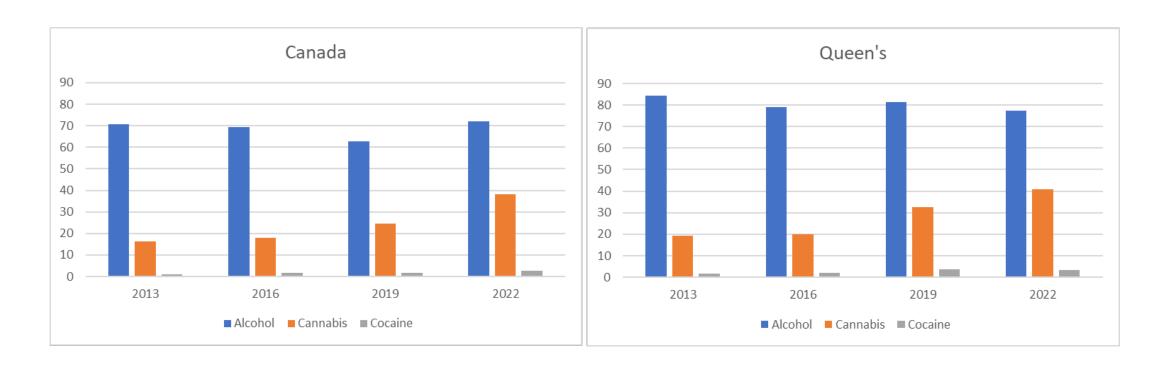
66

tough days.

Substance Use Health



Student Monthly Substance Use - NCHA Survey Data



These graphs compare NCHA results over time:

- % Students who used alcohol, cannabis, cocaine anytime in the last 30 days (2013, 2016, 2019) or last 3 months (2022)
- Canada and Queen's showing similar trends, Queen's usage is slightly higher than Canada in 2022 (77% alcohol, 41% cannabis, 3% cocaine), Canada (72% alcohol, 38% cannabis, 3% cocaine)

Alcohol Use

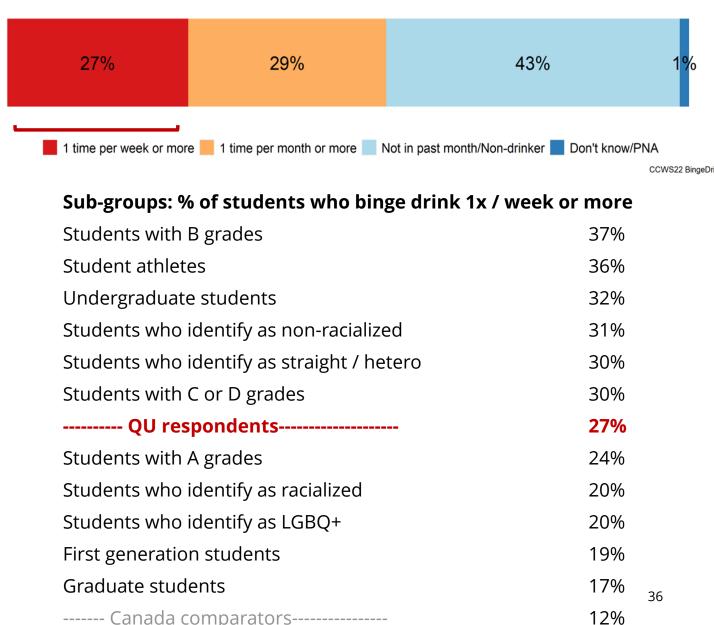
27% of students binge drink 1x/week or more

(Canada=12%)

35.5% of students reported one or more **negative consequences** of using alcohol in the past 12 months:

- 30% brownout/14% blackout
- 28% did something they later regretted
- 15% had unprotected sex
- 13% had a physical injury
- 3% seriously considered suicide
- 1.5% experienced sexual assault

Binge Drinking



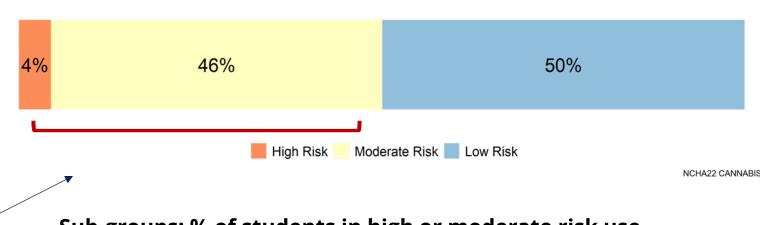
Cannabis Use

41% of Queen's students indicated use of cannabis in past year (Canada = 38%)



- 50% indicated high and moderate risk use (Canada = 52%)
- 21% of students used 3x/week or more (Canada = 21%)
- **4**% of students in high-risk group (Canada = 5%)

Cannabis Risk Scores



Sub-groups: % of students in high or moderate risk use

Students with C or D grades	70%
Students in high/moderate alcohol use	69%
Students who identify as LGBQ+	57%
Students with B grades	55%
Canada comparators	52%
QU respondents	50%
Students with A grades	46%
Students who identify as straight / hetero	46%

Use of Other Substances

Substance	% students used in the last 3 months (ever used)
Tobacco or nicotine, including vape	25% (39%)
Hallucinogens (MDMA, mushrooms, E)	5% (12%)
Cocaine	3% (9%)
Opioids	1% (3%)
Stimulants (study drugs)	3% (7%)

Multiple answers within:

Vape/E-cigarettes – 20%

Cigarettes – 10%

Cigars – 3%

Hookah/water pipe – 3%

Chewing tobacco – 1%

2% of students indicate being in recovery from alcohol or other drug use. (NCHA)

Examples of Actions to Reduce Alcohol and Substance-Related Harms

Initiatives include:

- Off-campus door-to-door outreach and information drop-off
- Longstanding Campus Observation Room (COR) on-campus overnight detox service in partnership with KHSC
- Themed paid social media campaigns (Building Community Together) during lead up to high-risk party times
- Enhanced initiatives for high-risk party times: enhanced security, food trucks, food and water giveaways; Big Breakfasts in residence etc.
- Ongoing safe drinking education, e.g. Party Goer Safety Kit giveaway events
- "How to Decide Where to Go" health services directory and map
- Alternate programming in residence and for all students
- Clinical Substance Use wellness group
- Participation in national post-secondary alcohol harms partnership (PEP-AH)



NAVIGATING

LITTLE MISS

ALTERNATES WATER

AND ALCOHOL

COR

Social Health: Belonging, Respect and Safety

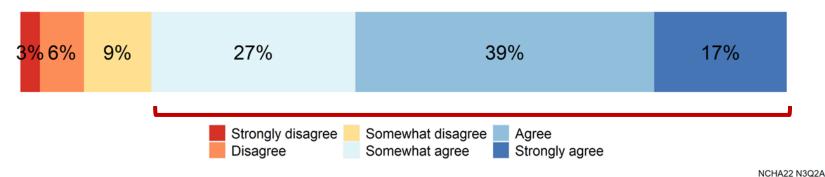


Belonging

83% of students somewhat agree, agree or strongly agree that: 'I feel that I belong at my university'

(Canada = 85%)

'I feel that I belong at my university'



Sub-groups: % of students in agreement with 'I feel that I belong at my university'

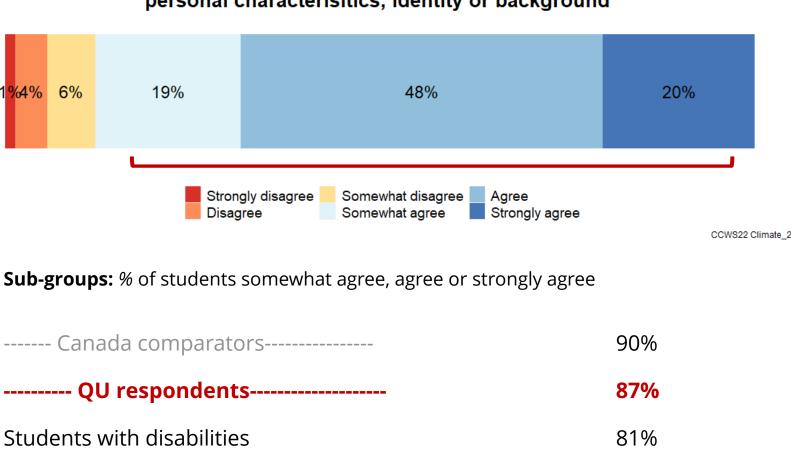
Student Athletes	90%
Canada comparators	85%
QU respondents	83%
Students with B grades	80%
Students with disabilities	77%
First generation students	75%
Students who identify as LGBQ+	74%
Students with C or D grades	57%

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Respect

87% of students somewhat agree, agree or strongly agree with: 'At my institution, I am respected regardless of my personal characteristics, identity or background' (Canada = 90%)

'At my institution, I am respected regardless of my personal characterisitics, identity or background'



81%

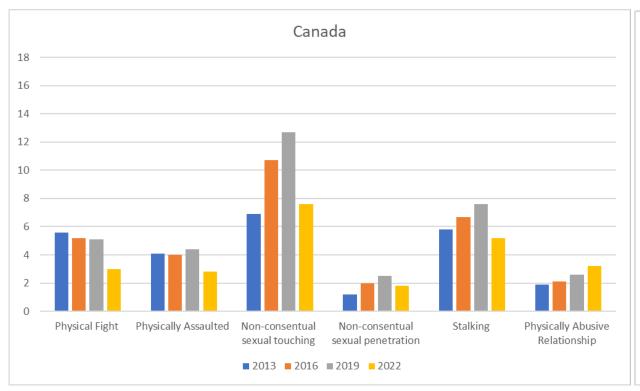
81%

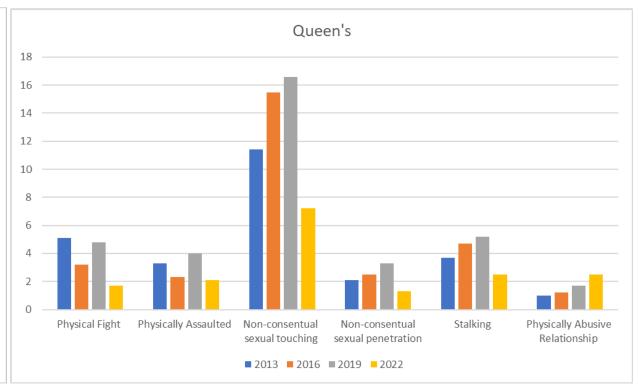
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Students who identify as LGBQ+

Trans, gender non-conforming students

Physical, Emotional & Sexual Violence – NCHA Survey Data





These graphs compare NCHA results over time:

- % Students who experience physical, emotional and sexual violence anytime in the last 12 months
- Canada and Queen's showing similar trends

Examples of Community-Building Initiatives

- Shift Project
 - Student Inclusion and Engagement Coordinator activating results of climate survey
 - Second survey: Winter 2023
- I-EDIAA Student Events Calendar
- Sexual and Gender Diversity Advisor in the Yellow House
 - Solidarity Swims, Queer Yoga
 - trans support group (Gender Splendour)
 - 2SLGBTQ+ Sharing Circle weekly group with SWS's 2SLGBTQIA+ Counsellor
- Expanded EDII Peer-to-Peer Opportunities
- Programming for BIPOC student communities through Yellow House









Examples of Sexual Violence Prevention and Response Initiatives

- Sexual Violence Prevention and Response Task Force initiatives including:
 - It Takes All of Us training mandatory for first-year students, faculty and staff
 - Gender-Based Violence and Bystander Awareness Program
 - VESTA disclosure tool
 - Regular review of Sexual Violence Policy (ongoing)
 - Connection to the Council of Ontario Universities' Sexual and Gender-based Violence Reference Group





INTRODUCING



It's not your fault. We believe you.

We hear you.

SWIPE TO LEARN MORE

VESTA - a project of the Sexual Violence Prevention & Response Office

SEXUAL VIOLENCE BYSTANDER INTERVENTION TRAINING

WORKSHOP

Wednesday, January 18 @6-8pm on ZOOM

- Articulate the definitions of sexual assault and consent
- Identify myths and facts about sexual
- Understand the bystander effect and barriers to active intervention
- Safely intervene when witnessing unsafe or inappropriate behavior



Queen's HUMAN RIGHTS AND EQUITY OFFICE Sexual Violence



Gender-Based

Awareness & Bystander

Intervention

Violence

Queens | STUDENT EXPERIENCE OFFICE

Awareness of Health Services



Campus Wellness Services & Supports (CCWS)

- 58% of Queen's students indicated that they are aware of mental health outreach initiatives (education, anti-stigma campaigns) at Queen's (Canada 56%)
- 69% of students answered "YES" to "If I needed to seek professional help for my mental or emotional health, I would know where to access campus-based resources (online or in-person)." (Canada 67%)
- 67% of students answered "YES" to "If I needed to seek professional help for my physical health, I would know where to access campus-based resources (online or in-person)." (Canada 61%)

Key Takeaways



Key Takeaways

- Queen's students and Canadian students have very similar health- and wellbeing- related experiences, continued engagement PS Standard
- While COVID negatively impacted many mental health indicators, many students are managing their academics and stress.
- Increased rates of anxiety and depression in these data align with lived experiences of clinicians and staff, and indicate ongoing need for services, health promotion and peer-led outreach.
- Alcohol and Substance Use: Student reports of binge-drinking are significant; alcohol harm reduction efforts should remain an area of focus
- Different students are experiencing health differently **social and identity determinants influence almost all aspects of wellbeing.** Specific, targeted resources and interventions that support intersectional identities are required, and should continue to be supported and expanded.

Acknowledgements

- Kathryn Humphrys, Health Promotion Coordinator Student Wellness Services, Student Affairs
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- Information Technology Services

