B.C. Baccalaureate Outcomes
2024 Survey of 2022 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
27.0101: Mathematics, general

SYSTEM	▬
27.0101	▬

RESPONSE RATE

Survey Response Rate:	27.0101		SYSTEM	
Baccalaureate Graduates Survey Cohort	230	100%	24,572	100%
Survey Respondents and Response Rate	48	21%	6,200	25%

Response Rate
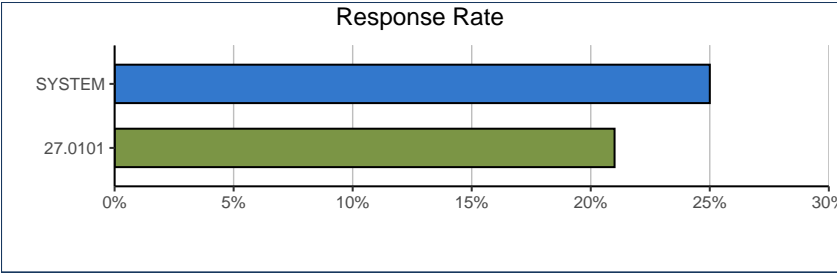
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	27.0101		SYSTEM	
Disabled	9	19%	851	14%
International	17	35%	878	14%
Indigenous	~	~	264	5%

Self–Reporting Subgroups

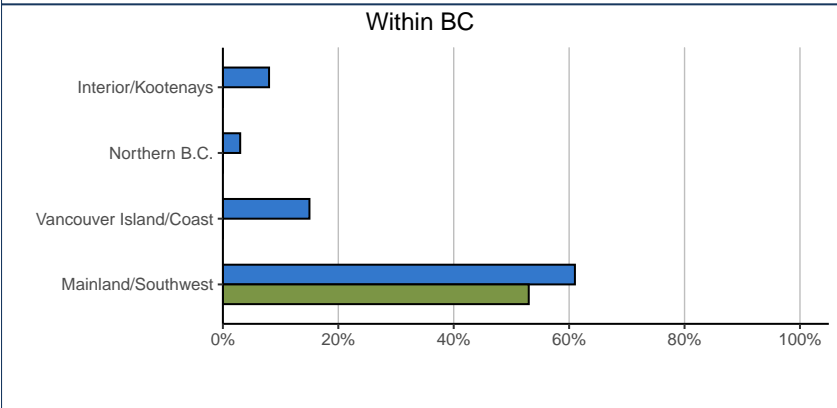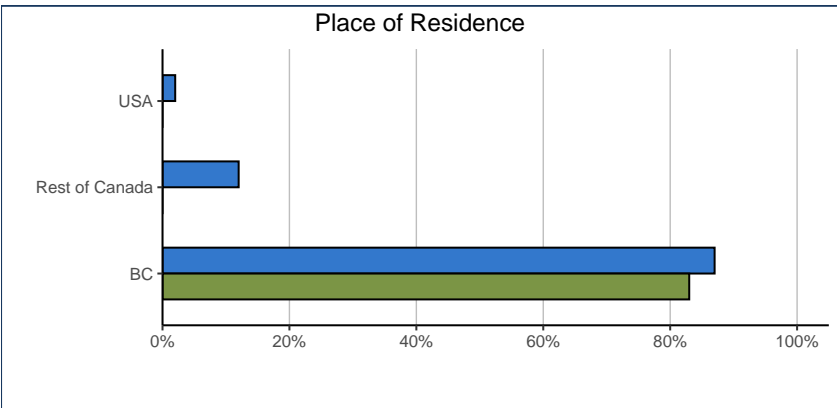| Gender:*	27.0101		SYSTEM	
Man/Boy	32	67%	2,656	43%
Woman/Girl	16	33%	3,527	57%
Total	48	100%	6,183	100%

*Due to zero or low counts, institution–reported "Non–Binary" demographic data are not included
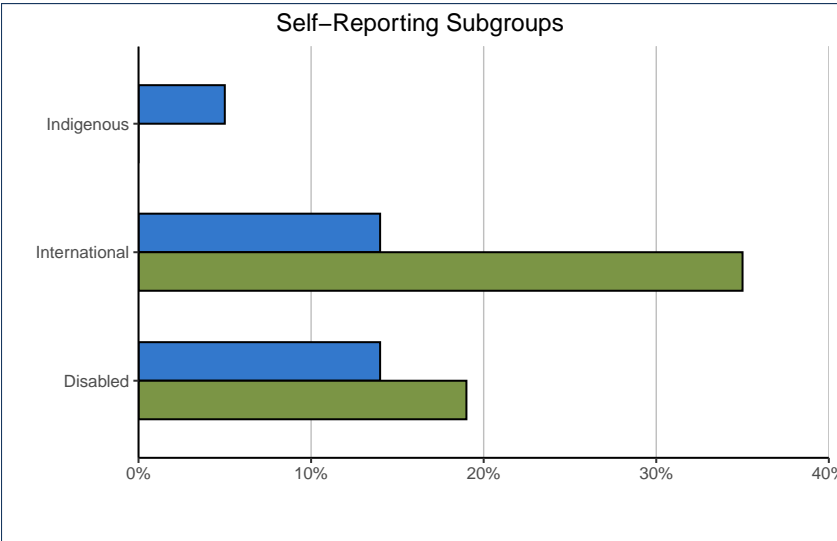
Age (at time of survey):	27.0101		SYSTEM	
< 25	9	19%	1,133	18%
25 to 29	32	68%	3,740	60%
30 to 34	~	~	617	10%
35 to 39	0	0%	271	4%
40 to 49	~	~	279	5%
50 to 64	0	0%	129	2%
> 64	0	0%	17	0%
Total	47	100%	6,186	100%
Median Age	25		26	
Average (mean) Age	26		28	

Age Distribution
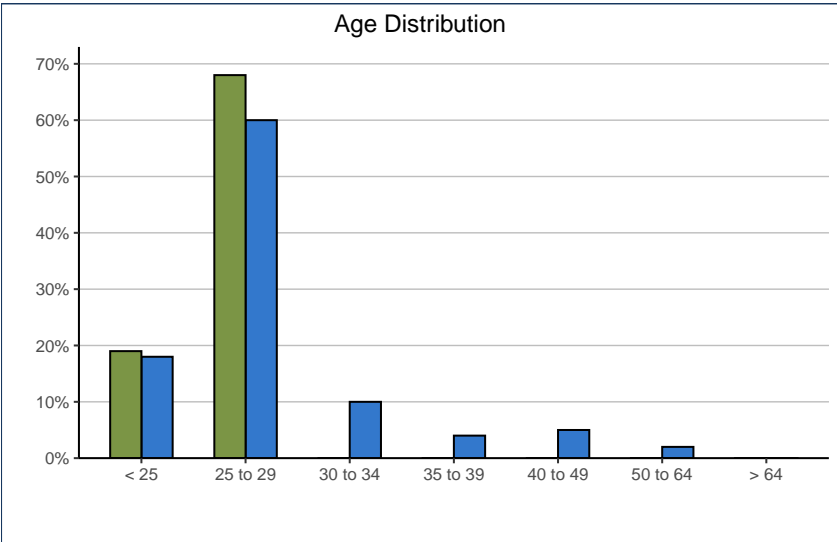
Place of Residence (at time of survey):	27.0101		SYSTEM	
BC – Mainland/Southwest	21	53%	3,405	61%
BC – Vancouver Island/Coast	~	~	809	15%
BC – Northern B.C.	0	0%	160	3%
BC – Interior/Kootenays	~	~	459	8%
BC Subtotal	33	83%	4,833	87%
Canada – Alberta	0	0%	266	5%
Canada – Ontario	~	~	212	4%
Canada – Other	~	~	139	3%
U.S.A.	~	~	100	2%
Non–BC Subtotal	7	18%	717	13%
Total	40	100%	5,550	100%

Place of Residence

Within BC

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
27.0101: Mathematics, general

SYSTEM	
27.0101	

EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	27.0101		SYSTEM	
Very Satisfied	15	33%	1,771	29%
Satisfied	28	62%	3,775	62%
Dissatisfied	2	4%	469	8%
Very Dissatisfied	0	0%	110	2%
Total	45	100%	6,125	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	27.0101		SYSTEM	
Very Useful	12	36%	1,989	40%
Somewhat Useful	16	48%	2,266	46%
Not Very Useful	4	12%	531	11%
Not at All Useful	1	3%	158	3%
Total	33	100%	4,944	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	27.0101		SYSTEM	
Yes	7	15%	515	9%
No	40	85%	5,527	91%

Would select the same program again:	27.0101		SYSTEM	
Yes	31	69%	4,137	75%
No	14	31%	1,363	25%

Quality of Instruction:	27.0101		SYSTEM	
Very Good	11	23%	1,727	28%
Good	35	73%	3,934	64%
Poor	2	4%	402	7%
Very Poor	0	0%	77	1%
Total	48	100%	6,140	100%

Comprehensiveness of Core Courses:	27.0101		SYSTEM	
Very Good	12	25%	1,667	27%
Good	30	63%	3,645	60%
Poor	5	10%	649	11%
Very Poor	1	2%	115	2%
Total	48	100%	6,076	100%

Course Availability:	27.0101		SYSTEM	
Encountered course availability problems	22	47%	2,918	48%

| Financial Constraints:	27.0101		SYSTEM	
Had to interrupt studies for financial reasons	3	6%	565	9%
Had to take program part–time for financial reasons	7	15%	955	16%

Program Satisfaction

Program Quality

* "Very Good" or "Good"

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
27.0101: Mathematics, general
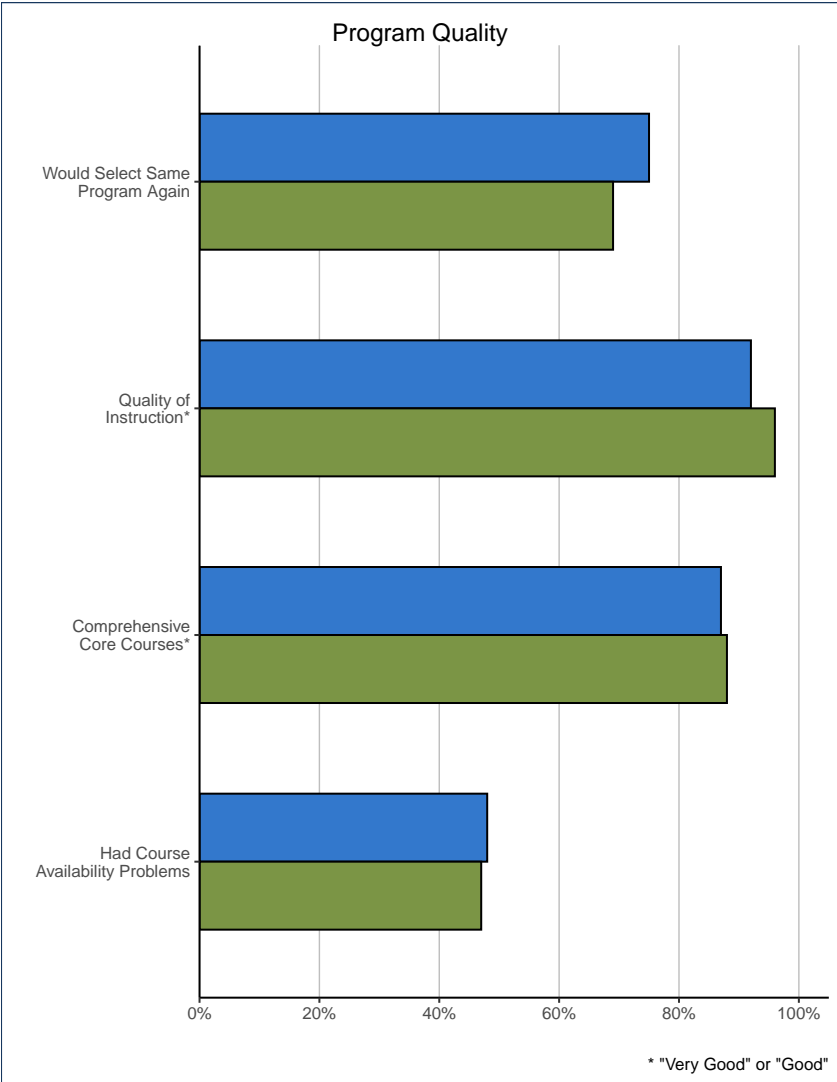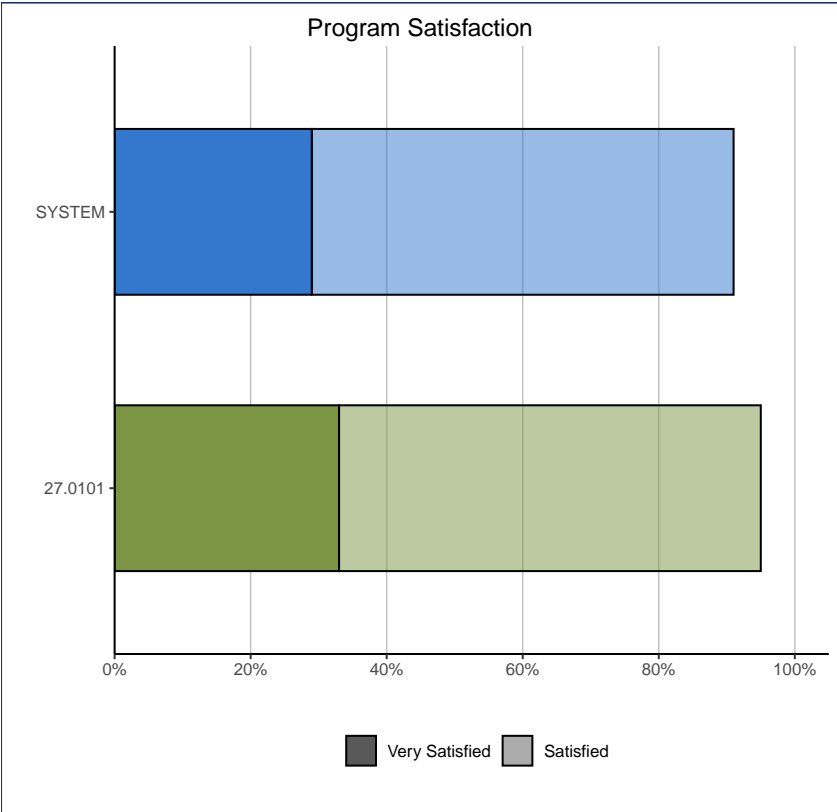
SYSTEM
27.0101

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	27.0101				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	28%	52%	13%	7%	46
Oral Communication	22%	61%	13%	4%	46
Reading and Comprehension	34%	57%	6%	2%	47
Group Collaboration	20%	32%	36%	11%	44
Critical Anlysis	65%	27%	6%	2%	48
Problem Resolution	49%	40%	6%	4%	47
Use of Mathematics	65%	31%	4%	0%	48
Conducting Research	35%	35%	26%	5%	43
Learning on Your Own	63%	31%	6%	0%	48

Skill Development: How helpful was institution?	SYSTEM				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	57%	13%	2%	6,011
Oral Communication	25%	56%	16%	2%	6,039
Reading and Comprehension	32%	55%	12%	1%	6,026
Group Collaboration	30%	50%	17%	4%	6,055
Critical Anlysis	43%	49%	7%	2%	6,142
Problem Resolution	25%	55%	18%	3%	5,966
Use of Mathematics	22%	47%	24%	7%	4,674
Conducting Research	32%	48%	17%	3%	5,806
Learning on Your Own	39%	49%	9%	2%	6,059

Helpful with Skill Development

"Very Helpful" or "Helpful"
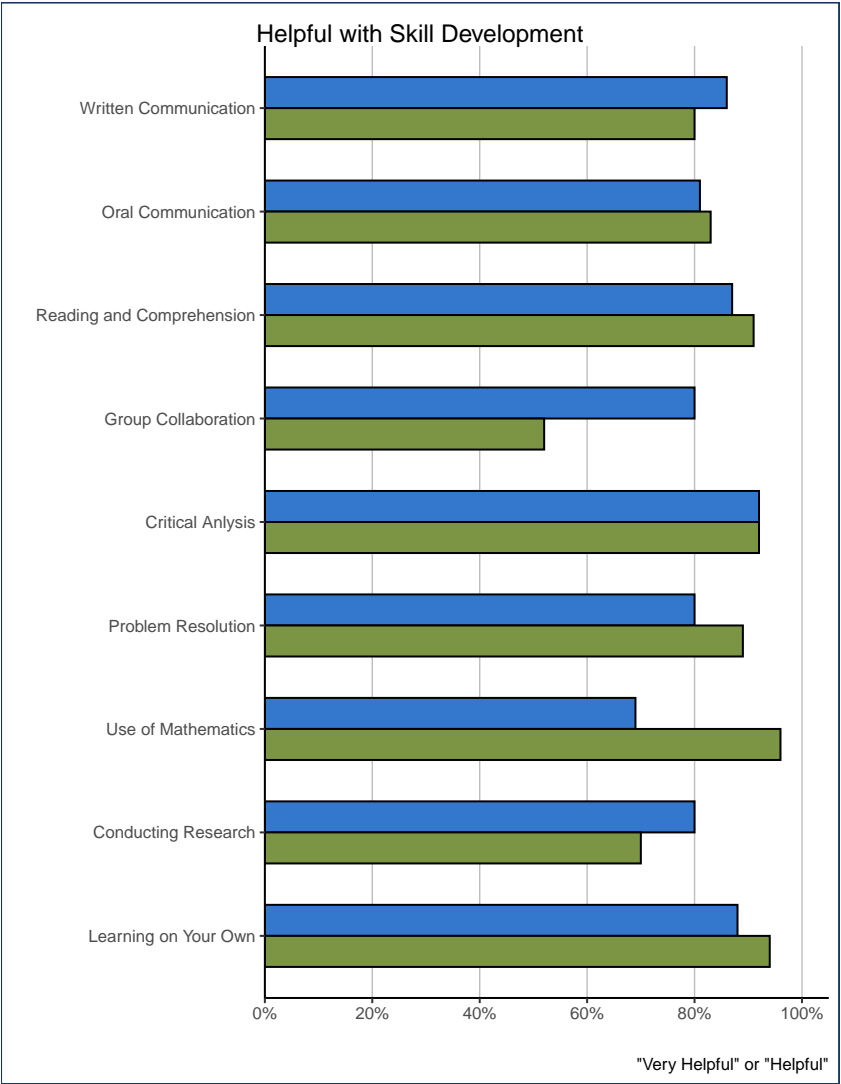
FURTHER EDUCATION

Took further education since 2022 graduation:	27.0101		SYSTEM	
Yes	29	60%	2,708	44%
Not currently enrolled	13	27%	1,069	17%
Currently enrolled full–time	13	27%	1,219	20%
Currently enrolled part–time	3	6%	389	6%
No	19	40%	3,459	56%
Total	48	100%	6,167	100%

Have you taken further education since graduation?

- Yes – Currently enrolled part–time
- Yes – Currently enrolled full–time
- Yes – Not currently enrolled
- No
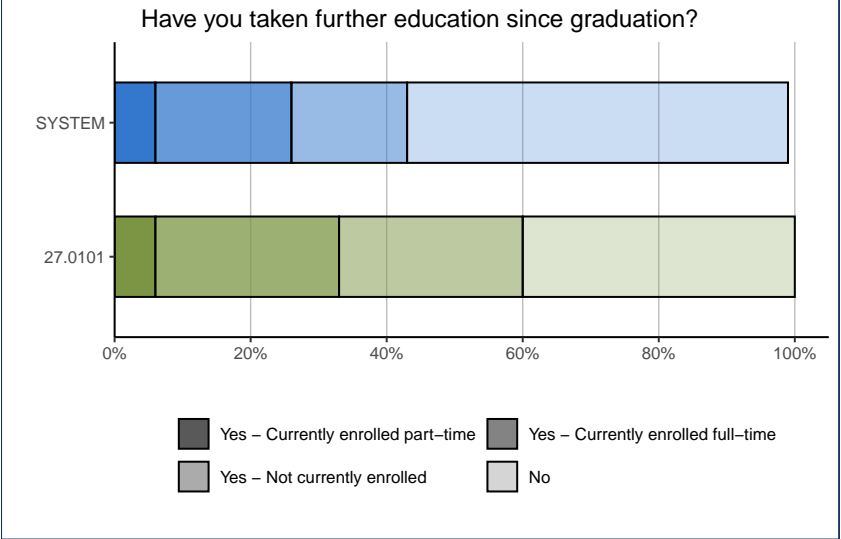
Type of Formal Post–Secondary Education:	27.0101		SYSTEM	
Master's Degree	12	41%	979	37%
Doctoral Degree	4	14%	155	6%
Another Undergraduate Degree	7	24%	543	20%
Certificate or Diploma below Bachelor Level	1	3%	374	14%
Professional Association Certification	3	10%	274	10%
Postgraduate Certificate or Diploma	2	7%	238	9%
Other	0	0%	119	4%
Total	29	100%	2,682	100%

Further Education/Training Type

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
27.0101: Mathematics, general
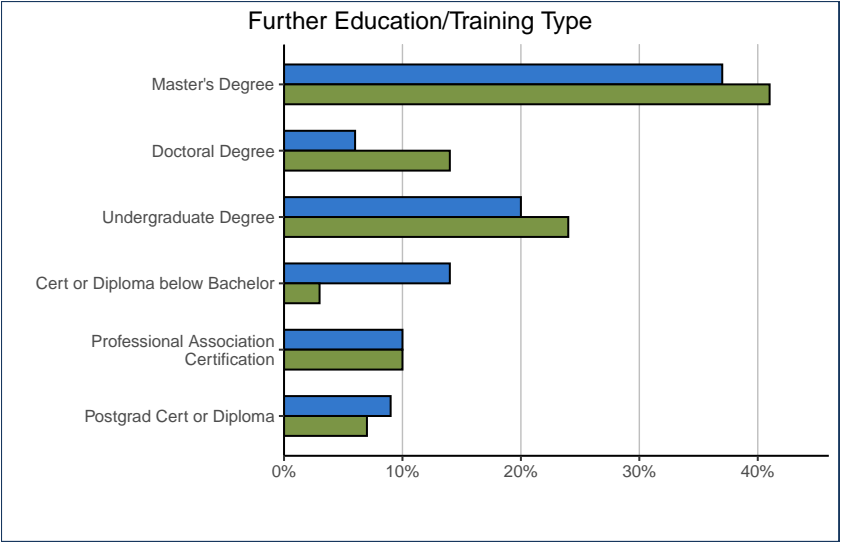
SYSTEM
27.0101

EMPLOYMENT

Labour Fource Status:	27.0101		SYSTEM	
In Labour Force (working or seeking work)	41	89%	5,472	90%
Not in Labour Force	5	11%	613	10%
Total	46	100%	6,085	100%

Employment:	27.0101		SYSTEM	
Employment Rate*	33	69%	4,982	80%
Unemployment Rate**	8	19.5%	490	9.0%

*Percent = Total employed divided by total number of respondents
**Percent = Total unemployed divided by total number in labour force
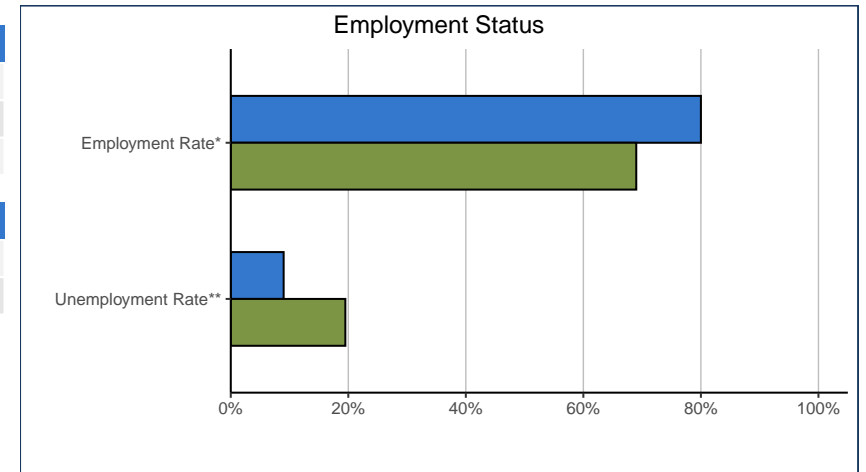
Employment Status

Status of Graduates NOT in Labour Force:	27.0101		SYSTEM	
Attending School FT	4	80%	446	73%
Attending School PT	0	0%	19	3%
Other	1	20%	148	24%
Total NOT in Labour Force	5	100%	613	100%

Primary Employment Type:	27.0101		SYSTEM	
Paid Worker	31	94%	4,678	94%
Self–Employed	2	6%	296	6%
Total	33	100%	4,974	100%

Job Characteristics:	27.0101		SYSTEM	
I hold more than one job*	7	21%	941	19%
My main job is full–time (>= 30 hours per week)**	26	84%	4,109	87%

*Of total employed
**Of those who provided data on hours/week worked

"Under–Employment" Assessment
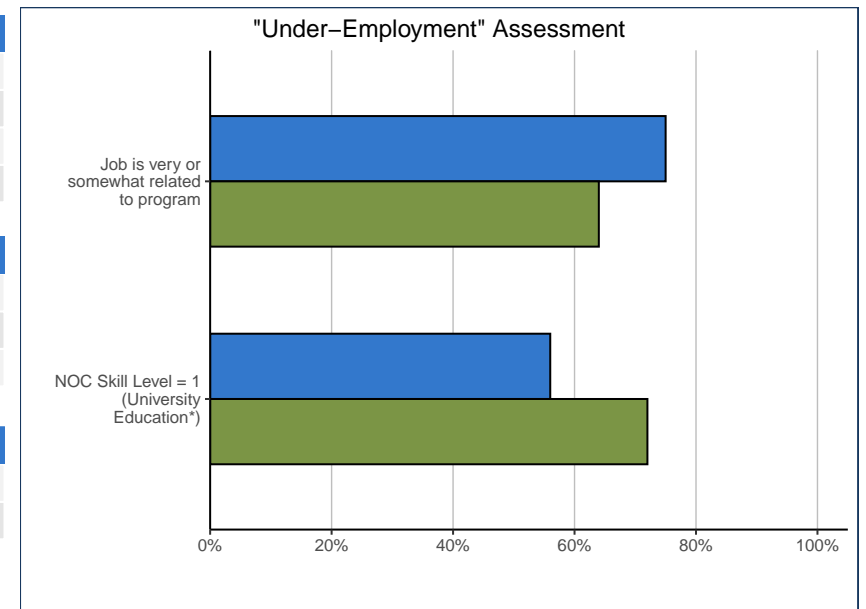
How related is your main job to your program?	27.0101		SYSTEM	
Very Related	8	24%	2,190	44%
Somewhat Related	13	39%	1,532	31%
Not Very Related	6	18%	579	12%
Not at All Related	6	18%	668	13%
Total	33	100%	4,969	100%

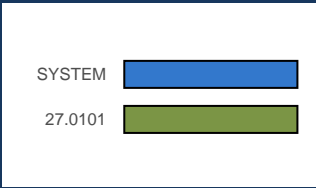| "Under–Employment" Assessment:	27.0101		SYSTEM	
Job is very or somewhat related to program	21	64%	3,722	75%
NOC Skill Level = 1 (University Education)*	23	72%	2,648	56%

*Of total valid responses; NOC 2021 (TEER)

Gross Annual FT Income From Main Job ($,000)

Gross Annual Income from Main Job:*	27.0101		SYSTEM	
Less than $20,000	5	20%	208	6%
$20,000 to $39,999	~	~	406	11%
$40,000 to $59,999	~	~	818	22%
$60,000 to $79,999	13	52%	1,081	29%
$80,000 to $99,999	0	0%	627	17%
$100,000 and Above	~	~	623	17%
Total	25	100%	3,763	100%
Median Annual Income (full–time) ($)	63,750		71,127	
Average Annual Income (full–time) ($)	74,041		78,771	

*Where data provided
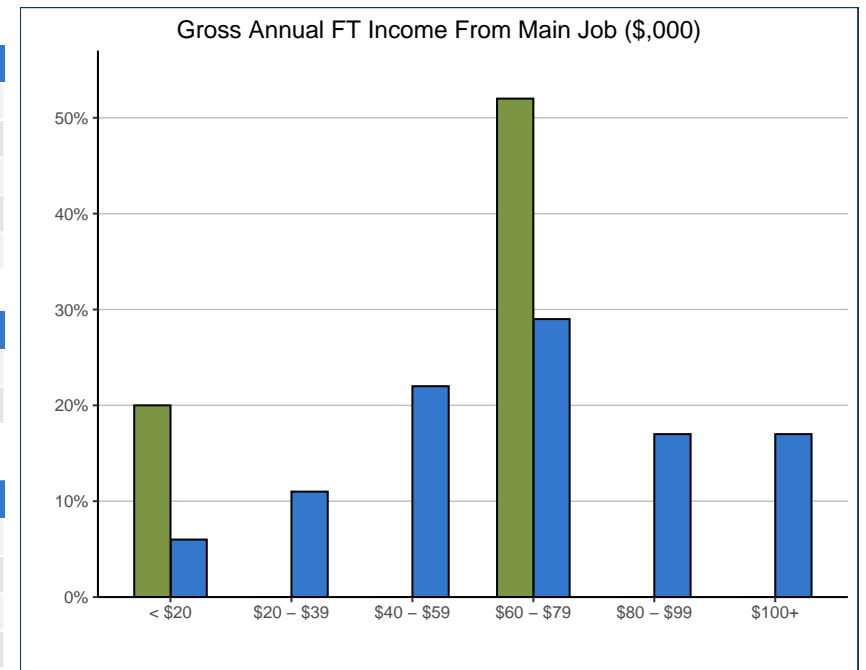
NOC Skill Type of Main Job (NOC 2021):	27.0101		SYSTEM	
Legislative and senior management	0	0%	59	1%
Business, finance & administration	7	22%	982	21%
Natural & applied sciences & related	12	38%	966	21%
Health	2	6%	527	11%
Education, law and social, community & government	7	22%	1,323	28%
Art, culture, recreation & sport	1	3%	239	5%
Sales & service	2	6%	435	9%
Trades, transport & equipment operators & related	1	3%	119	3%
Natural resources, agriculture & related production	0	0%	34	1%
Manufacturing & utilities	0	0%	19	0%
Total	32	100%	4,703	100%

Employed Graduates by NOC Skill Type

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
27.0101: Mathematics, general
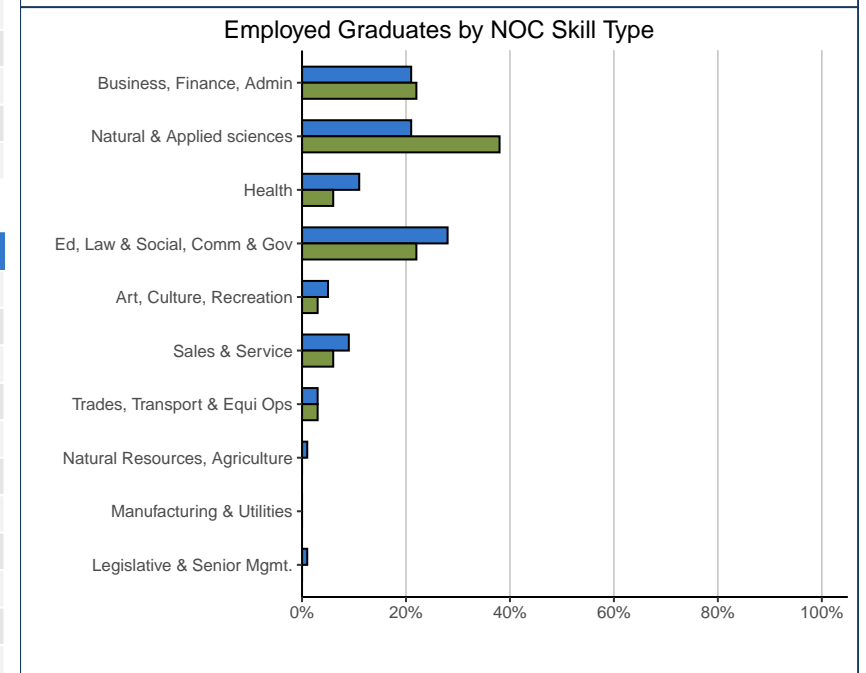
SYSTEM	
27.0101	

EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	27.0101		SYSTEM	
0. Management	2	6%	382	8%
1. University education	23	72%	2,648	56%
2. College education/trade apprenticeship (2+ years)	3	9%	748	16%
3. College education/trade apprenticeship (<2 years)	3	9%	476	10%
4. Secondary school + job–specific training	1	3%	322	7%
5. No formal education	0	0%	127	3%
Total	32	100%	4,703	100%
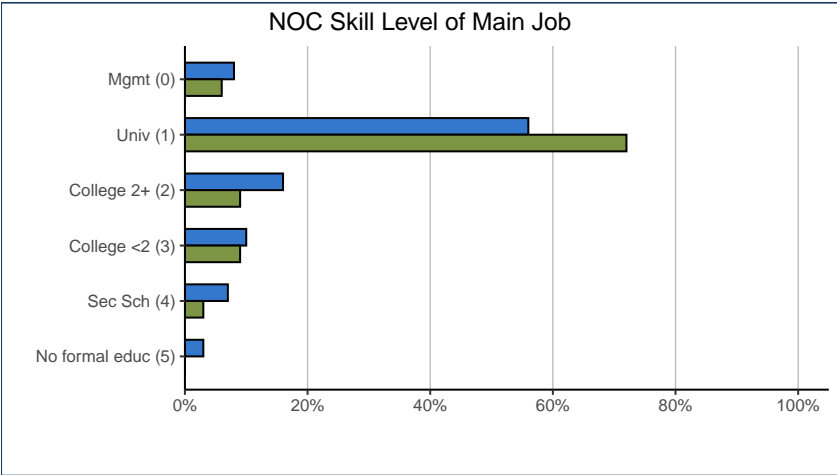
NOC Skill Level of Main Job

How useful are the following skills and abilities in doing your main job?	27.0101				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	64%	21%	12%	3%	33
Oral Communication	70%	21%	3%	6%	33
Reading and Comprehension	79%	15%	3%	3%	33
Group Collaboration	58%	27%	12%	3%	33
Critical Anlysis	94%	3%	0%	3%	33
Problem Resolution	85%	12%	0%	3%	33
Use of Mathematics	45%	30%	15%	9%	33
Conducting Research	45%	24%	15%	15%	33
Learning on Your Own	82%	15%	0%	3%	33
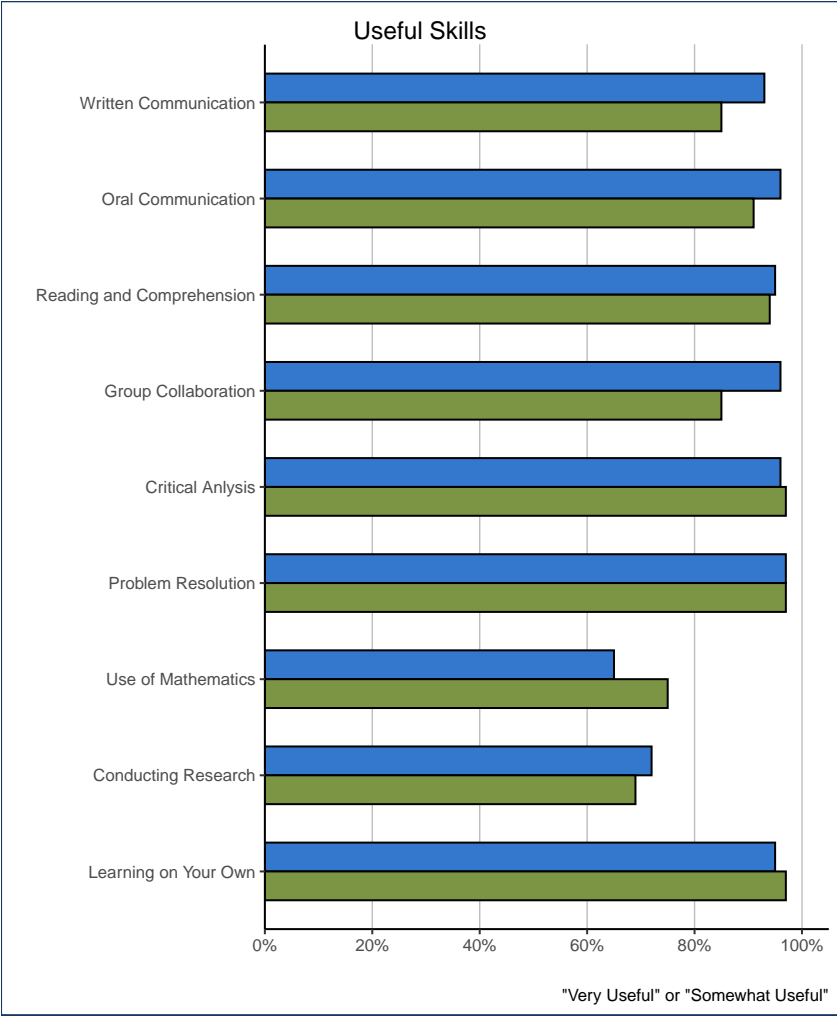
How useful are the following skills and abilities in doing your main job?	SYSTEM				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	71%	22%	5%	2%	4,946
Oral Communication	77%	19%	3%	1%	4,956
Reading and Comprehension	73%	22%	3%	1%	4,946
Group Collaboration	78%	18%	2%	1%	4,952
Critical Anlysis	77%	19%	3%	1%	4,949
Problem Resolution	79%	18%	2%	1%	4,949
Use of Mathematics	30%	35%	22%	14%	4,790
Conducting Research	39%	33%	17%	11%	4,847
Learning on Your Own	69%	26%	3%	1%	4,942

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–Time Occupations of 27.0101 Graduates*:			27.0101
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
*			
*			
*			
*			
*			
*			
*			
*			
*			

* Data not displayed where n < 5; NOC 2021
** Percentages cited are of those employed

Top 10 Full–Time Occupations of SYSTEM Graduates*:			SYSTEM
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
31301	1	Registered nurses and registered psychiatric nurses	5%
21231	1	Software engineers and designers	4%
XXXXX	X	Unclassified occupations	4%
41221	1	Elementary school and kindergarten teachers	3%
11202	1	Professional occupations in advertising, marketing and public relations	2%
11100	1	Financial auditors and accountants	2%
42201	2	Social and community service workers	2%
21232	1	Software developers and programmers	2%
13100	3	Administrative officers	2%
41220	1	Secondary school teachers	2%

* Data not displayed where n < 5; NOC 2021
** Percentages cited are of those employed

BC Student Outcomes

Detailed Summary of Survey Results
All Institutions
27.0101: Mathematics, general

SYSTEM
27.0101

EDUCATION FINANCING

Funding Sources (3 sources allowed):*	27.0101		SYSTEM	
Personal savings, investments	21	45%	1,927	32%
Employment while studying	17	36%	3,012	50%
Family/Friends	32	68%	3,627	60%
Personal bank loans	2	4%	337	6%
Government student loans	10	21%	2,007	33%
Scholarships/Bursaries/Grants	19	40%	1,988	33%
Other	13	28%	1,362	22%
Total	47		6,073	

* Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	27.0101		SYSTEM	
Incurred any form of financial debt	12	26%	2,595	43%
Incurred government–sponsored student loan debt	10	21%	2,232	36%

* Percentage of respondents who provided data

Education Funding Sources

Financial Debt Amount:*	27.0101		SYSTEM	
< $1,000	0	0%	4	0%
$1,000 to $4,999	0	0%	69	3%
$5,000 to $9,999	1	9%	165	8%
$10,000 to $14,999	2	18%	199	10%
$15,000 to $19,999	0	0%	162	8%
$20,000 to $29,999	1	9%	394	19%
$30,000 to $39,999	2	18%	353	17%
$40,000 or More	5	45%	740	35%
Total	11	100%	2,086	100%
Median Financial Debt ($)	35,000		30,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)

Gov't–Sponsored Student Loan Debt Amount:*	27.0101		SYSTEM	
< $1,000	0	0%	5	0%
$1,000 to $4,999	1	14%	48	3%
$5,000 to $9,999	1	14%	121	8%
$10,000 to $14,999	0	0%	155	10%
$15,000 to $19,999	0	0%	133	9%
$20,000 to $29,999	0	0%	299	19%
$30,000 to $39,999	2	29%	296	19%
$40,000 or More	3	43%	500	32%
Total	7	100%	1,557	100%
Median Gov't–Sponsored Loan Debt ($)	35,000		30,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)

Gov't–Sponsored Loan Debt Outstanding:*	27.0101		SYSTEM	
None – Loan repaid in full	1	17%	361	20%
< $1,000	0	0%	3	0%
$1,000 to $4,999	0	0%	75	4%
$5,000 to $9,999	1	17%	137	8%
$10,000 to $14,999	0	0%	151	9%
$15,000 to $19,999	0	0%	174	10%
$20,000 to $29,999	0	0%	291	16%
$30,000 to $39,999	1	17%	279	16%
$40,000 or More	3	50%	303	17%
Total	6	100%	1,774	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	40,000		25,000	

* Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided
** Median amounts shown are based on those who had remaining government student loan debt

Outstanding Government–Sponsored Debt ($,000)