

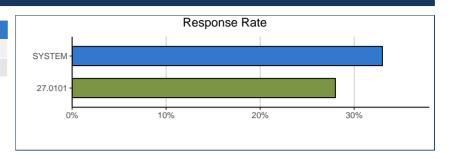
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

SYSTEM 27.0101

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

RESPONSE RATE

| Survey Response Rate: | 27.0101 | | SYSTEM | |
|---------------------------------------|---------|------|--------|------|
| Baccalaureate Graduates Survey Cohort | 219 | 100% | 25,962 | 100% |
| Survey Respondents and Response Rate | 62 | 28% | 8,603 | 33% |

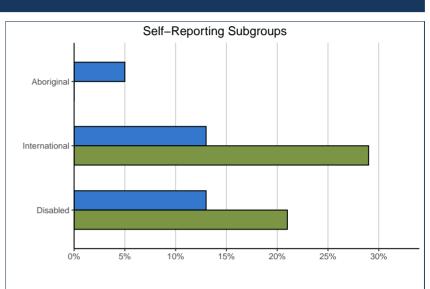


DEMOGRAPHIC INFORMATION

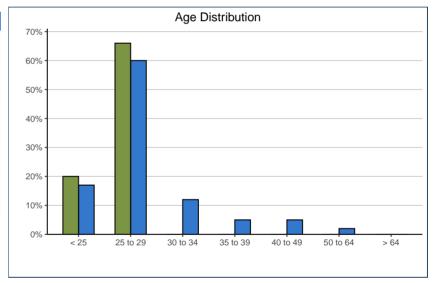
| Self-Reporting Subgroups: | 27.0101 | | SYS | TEM |
|---------------------------|---------|-----|-------|-----|
| Disabled | 12 21% | | 1,079 | 13% |
| International | 18 | 29% | 1,153 | 13% |
| Aboriginal | ~ | ~ | 330 | 5% |

| Gender:* | 27.0101 | | SYSTEM | |
|----------|---------|------|--------|------|
| Male | 34 | 55% | 3,534 | 41% |
| Female | 28 | 45% | 5,051 | 59% |
| Total | 62 | 100% | 8,585 | 100% |

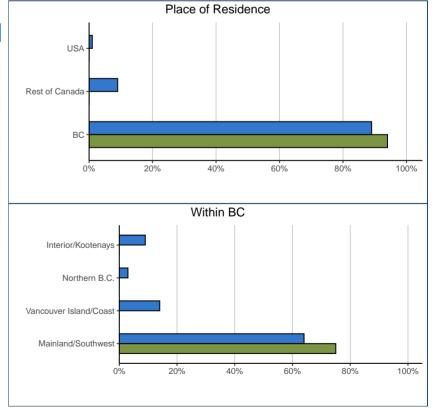
^{*}Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



| Age (at time of survey): | 27.0101 | | SYS | TEM |
|--------------------------|---------|------|-------|------|
| < 25 | 12 | 20% | 1,417 | 17% |
| 25 to 29 | 40 | 66% | 5,150 | 60% |
| 30 to 34 | ~ | ~ | 994 | 12% |
| 35 to 39 | ~ | ~ | 417 | 5% |
| 40 to 49 | 0 | 0% | 407 | 5% |
| 50 to 64 | ~ | ~ | 175 | 2% |
| > 64 | 0 | 0% | 26 | 0% |
| Total | 61 | 100% | 8,586 | 100% |
| Median Age | 25 | | 26 | |
| Average (mean) Age | 27 | | 28 | |



| Place of Residence (at time of survey): | 27. | 27.0101 | | TEM |
|---|-----|---------|-------|------|
| BC – Mainland/Southwest | 38 | 75% | 4,824 | 64% |
| BC – Vancouver Island/Coast | ~ | ~ | 1,065 | 14% |
| BC – Northern B.C. | 0 | 0% | 225 | 3% |
| BC – Interior/Kootenays | ~ | ~ | 673 | 9% |
| BC Subtotal | 48 | 94% | 6,787 | 89% |
| Canada – Alberta | 0 | 0% | 328 | 4% |
| Canada – Ontario | ~ | ~ | 239 | 3% |
| Canada – Other | 0 | 0% | 165 | 2% |
| U.S.A. | ~ | ~ | 75 | 1% |
| Non-BC Subtotal | ~ | ~ | 807 | 11% |
| Total | 51 | 100% | 7,594 | 100% |





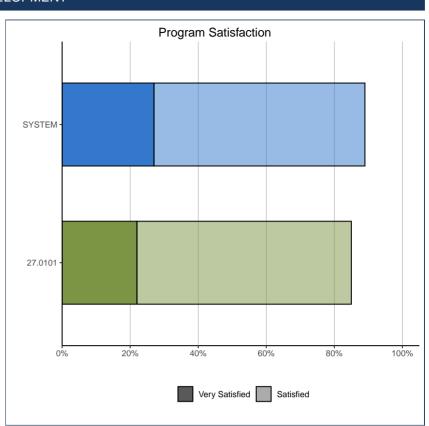


EDUCATION EVALUATION AND SKILL DEVELOPMENT

| Program Satisfaction: | 27.0101 | | SYS | TEM |
|-----------------------|---------|------|-------|------|
| Very Satisfied | 13 | 22% | 2,262 | 27% |
| Satisfied | 38 | 63% | 5,296 | 62% |
| Dissatisfied | 8 | 13% | 740 | 9% |
| Very Dissatisfied | 1 | 2% | 184 | 2% |
| Total | 60 | 100% | 8,482 | 100% |

| 27.0101 | | SYSTEM | |
|---------|--------------------|-----------------------------------|--|
| 11 | 22% | 2,704 | 39% |
| 27 | 54% | 3,247 | 46% |
| 8 | 16% | 814 | 12% |
| 4 | 8% | 250 | 4% |
| 50 | 100% | 7,015 | 100% |
| | 11 27 8 4 | 11 22% 27 54% 8 16% 4 8% | 11 22% 2,704 27 54% 3,247 8 16% 814 4 8% 250 |

| Took upgrading, access, bridging, or other preparatory courses during or prior to studies: | 27. | 27.0101 | | SYSTEM | |
|--|-----|---------|-------|--------|--|
| Yes | 10 | 17% | 818 | 10% | |
| No | 50 | 83% | 7,545 | 90% | |



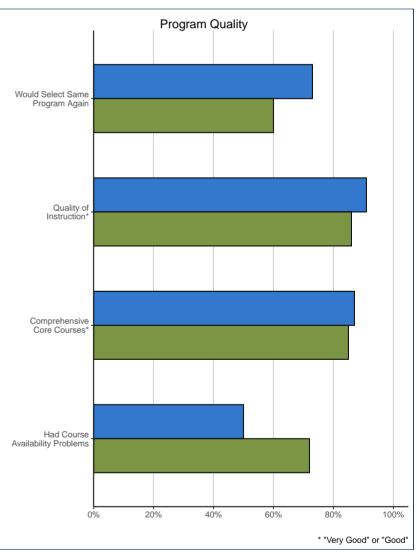
| Would select the same program again: | 27.0101 | | SYSTEM | |
|--------------------------------------|---------|-----|--------|-----|
| Yes | 31 | 60% | 5,501 | 73% |
| No | 21 | 40% | 2,019 | 27% |

| Quality of Instruction: | 27.0101 | | SYSTEM | |
|-------------------------|---------|------|--------|------|
| Very Good | 12 | 20% | 2,328 | 27% |
| Good | 39 | 66% | 5,423 | 64% |
| Poor | 7 | 12% | 649 | 8% |
| Very Poor | 1 | 2% | 131 | 2% |
| Total | 59 | 100% | 8.531 | 100% |

| Comprehensiveness of Core Courses: | 27.0 | 27.0101 | | TEM |
|------------------------------------|------|---------|-------|------|
| Very Good | 11 | 18% | 2,206 | 26% |
| Good | 40 | 67% | 5,161 | 61% |
| Poor | 8 | 13% | 862 | 10% |
| Very Poor | 1 | 2% | 171 | 2% |
| Total | 60 | 100% | 8,400 | 100% |

| Course Availability: | 27.0 | 101 | SYSTEM | |
|--|------|-----|--------|-----|
| Encountered course availability problems | 44 | 72% | 4,193 | 50% |

| Financial Constraints: | 27.0101 | | SYS | TEM |
|---|---------|-----|-------|-----|
| Had to interrupt studies for financial reasons | 1 | 2% | 926 | 11% |
| Had to take program part-time for financial reasons | 10 | 16% | 1,545 | 18% |



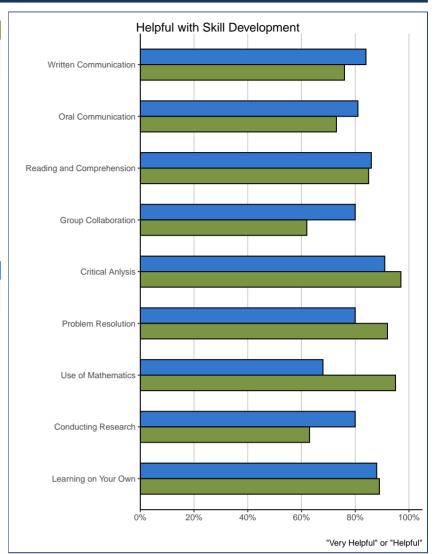




SKILL DEVELOPMENT

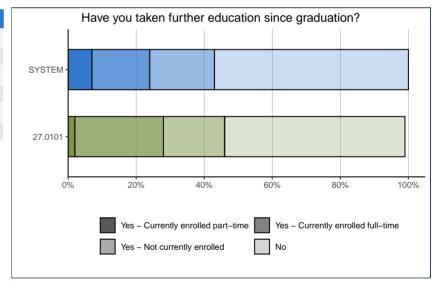
| | | | 27.0101 | | |
|---|-----------------|---------|---------------------|-----------------------|---------|
| Skill Development: How helpful was institution? | Very Helpful | Helpful | Not Very Helpful | Not at All Helpful | # Resp. |
| Written Communication | 19% | 57% | 20% | 4% | 54 |
| Oral Communication | 22% | 51% | 18% | 9% | 55 |
| Reading and Comprehension | 23% | 62% | 15% | 0% | 60 |
| Group Collaboration | 17% | 45% | 28% | 10% | 60 |
| Critical Anlysis | 43% | 54% | 3% | 0% | 61 |
| Problem Resolution | 32% | 60% | 8% | 0% | 60 |
| Use of Mathematics | 50% | 45% | 2% | 3% | 62 |
| Conducting Research | 22% | 41% | 28% | 9% | 58 |
| Learning on Your Own | 52% | 37% | 11% | 0% | 62 |

| | | | SYSTEM | | |
|---|-----------------|---------|---------------------|-----------------------|---------|
| Skill Development: How helpful was institution? | Very Helpful | Helpful | Not Very Helpful | Not at All Helpful | # Resp. |
| Written Communication | 27% | 57% | 13% | 3% | 8,300 |
| Oral Communication | 25% | 56% | 17% | 3% | 8,321 |
| Reading and Comprehension | 30% | 56% | 13% | 2% | 8,343 |
| Group Collaboration | 28% | 52% | 17% | 4% | 8,403 |
| Critical Anlysis | 42% | 49% | 7% | 2% | 8,503 |
| Problem Resolution | 25% | 55% | 17% | 3% | 8,293 |
| Use of Mathematics | 21% | 47% | 24% | 8% | 6,569 |
| Conducting Research | 30% | 50% | 17% | 4% | 8,092 |
| Learning on Your Own | 38% | 50% | 9% | 3% | 8,397 |

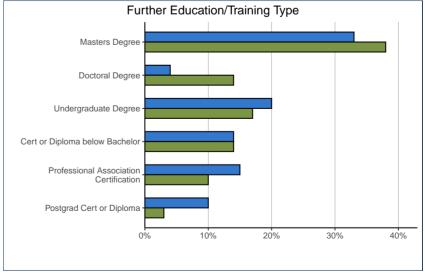


FURTHER EDUCATION

| Took further education since 2021 graduation: | 27.0101 | | SYSTEM | |
|---|---------|------|--------|------|
| Yes | 29 | 47% | 3,668 | 43% |
| Not currently enrolled | 11 | 18% | 1,580 | 19% |
| Currently enrolled full-time | 16 | 26% | 1,472 | 17% |
| Currently enrolled part-time | 1 | 2% | 565 | 7% |
| No | 33 | 53% | 4,870 | 57% |
| Total | 62 | 100% | 8,538 | 100% |



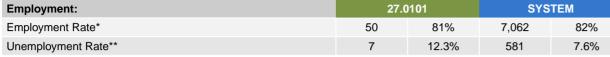
| Type of Formal Post–Secondary Education: | 27. | 27.0101 | | TEM |
|---|-----|---------|-------|------|
| Masters Degree | 11 | 38% | 1,184 | 33% |
| Doctoral Degree | 4 | 14% | 153 | 4% |
| Another Undergraduate Degree | 5 | 17% | 718 | 20% |
| Certificate or Diploma below Bachelor level | 4 | 14% | 510 | 14% |
| Professional Association Certification | 3 | 10% | 538 | 15% |
| Postgraduate Certificate or Diploma | 1 | 3% | 359 | 10% |
| Other | 1 | 3% | 162 | 4% |
| Total | 29 | 100% | 3,624 | 100% |



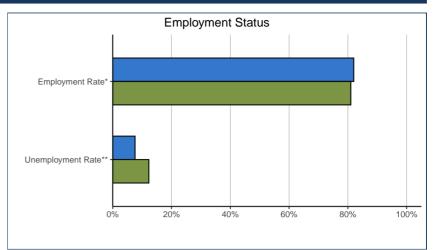


EMPLOYMENT

| Labour Fource Status: | 27. | 27.0101 | | TEM |
|---|-----|---------|-------|------|
| In Labour Force (working or seeking work) | 57 | 92% | 7,643 | 90% |
| Not in Labour Force | 5 | 8% | 803 | 10% |
| Total | 62 | 100% | 8,446 | 100% |
| | | | | |
| Employment: | 27. | 27.0101 | | TEM |



^{*}Percent = Total employed divided by total number of respondents

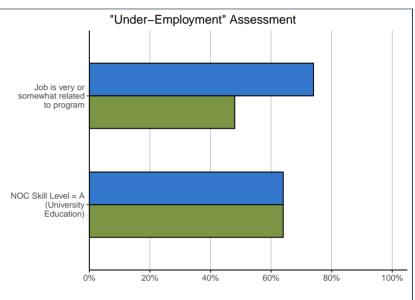


| Status of Graduates NOT in Labour Force: | 27.0101 | | SYS | TEM |
|--|---------|------|-----|------|
| Attending School FT | 4 | 80% | 565 | 70% |
| Attending School PT | 0 | 0% | 20 | 2% |
| Other | 1 | 20% | 218 | 27% |
| Total NOT in Labour Force | 5 | 100% | 803 | 100% |

| Primary Employment Type: | 27.0101 | | SYS | TEM |
|--------------------------|---------|------|-------|------|
| Paid worker | 49 | 98% | 6,623 | 94% |
| Self-employed | 1 | 2% | 412 | 6% |
| Total | 50 | 100% | 7,035 | 100% |

| Job Characteristics: | 27.0101 | | SYS | TEM |
|---|---------|-----|-------|-----|
| I hold more than one job* | 4 | 8% | 1,243 | 18% |
| My main job is full-time (>= 30 hours per week)** | 34 | 74% | 5,922 | 89% |

^{*}Of total Employed



| How related is your main job to your program? | 27.0101 | | SYS | TEM |
|---|---------|------|-------|------|
| Very Related | 12 | 24% | 3,081 | 44% |
| Somewhat Related | 12 | 24% | 2,151 | 31% |
| Not Very Related | 16 | 32% | 901 | 13% |
| Not at All Related | 10 | 20% | 910 | 13% |
| Total | 50 | 100% | 7,043 | 100% |

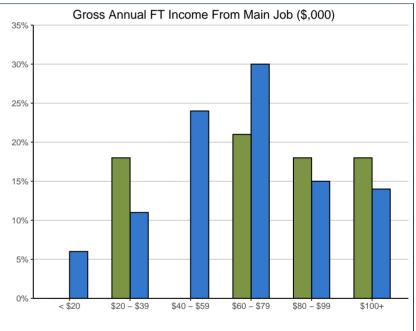
| "Under-employment" Assessment: | 27.0101 | | SYSTEM | |
|---|---------|-----|--------|-----|
| Job is very or somewhat related to program | 24 | 48% | 5,232 | 74% |
| NOC Skill Level = A (University Education)* | 29 | 64% | 4,148 | 64% |

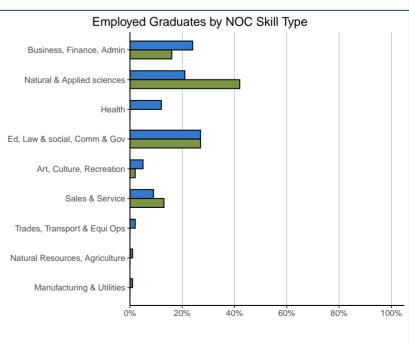
^{*}Of total valid responses

| Gross Annual Income from Main Job:* | 27.0101 | | SYSTEM | |
|--|---------|------|--------|------|
| Less than \$20,000 | ~ | ~ | 310 | 6% |
| \$20,000 to \$39,999 | 6 | 18% | 593 | 11% |
| \$40,000 to \$59,999 | ~ | ~ | 1,303 | 24% |
| \$60,000 to \$79,999 | 7 | 21% | 1,609 | 30% |
| \$80,000 to \$99,999 | 6 | 18% | 805 | 15% |
| \$100,000 and Above | 6 | 18% | 729 | 14% |
| Total | 34 | 100% | 5,349 | 100% |
| Median Annual Income (full-time) (\$) | 70,000 | | 68,000 | |
| Average Annual Income (full-time) (\$) | 80,436 | | 74,015 | |

^{*}Where data provided

| NOC Skill Type of Main Job: | 27. | 27.0101 | | SYSTEM | |
|---|-----|---------|-------|--------|--|
| Business, finance & administration | 7 | 16% | 1,558 | 24% | |
| Natural & applied sciences & related | 19 | 42% | 1,354 | 21% | |
| Health | 0 | 0% | 761 | 12% | |
| Education, law and social, community & government | 12 | 27% | 1,787 | 27% | |
| Art, culture, recreation & sport | 1 | 2% | 296 | 5% | |
| Sales & service | 6 | 13% | 559 | 9% | |
| Trades, transport & equipment operators & related | 0 | 0% | 114 | 2% | |
| Natural resources, agriculture & related production | 0 | 0% | 35 | 1% | |
| Manufacturing & utilities | 0 | 0% | 35 | 1% | |
| Total | 45 | 100% | 6,499 | 100% | |

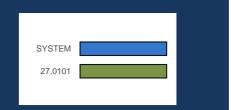




^{**}Percent = Total unemployed divided by total number in Labour Force

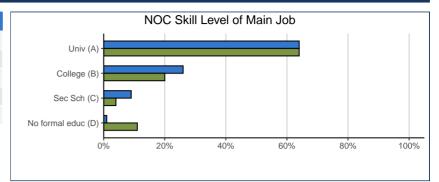
^{**}Of those who provided data on hours/week worked



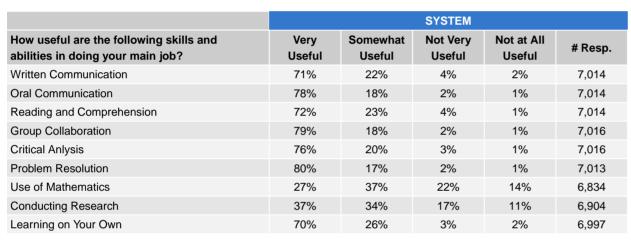


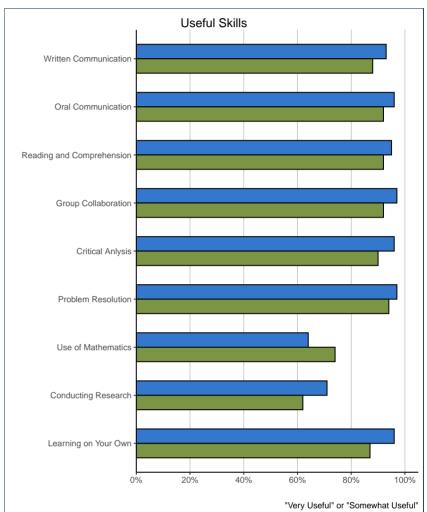
EMPLOYMENT, continued

| NOC Skill Level of Main Job: | 27.0101 | | SYSTEM | |
|---|---------|------|--------|------|
| A. University education | 29 | 64% | 4,148 | 64% |
| B. College education/trade apprenticeship | 9 | 20% | 1,713 | 26% |
| C. Secondary school + job-specific training | 2 | 4% | 564 | 9% |
| D. No formal education | 5 | 11% | 90 | 1% |
| Total | 45 | 100% | 6,515 | 100% |



| | 27.0101 | | | | |
|---|----------------|--------------------|--------------------|----------------------|---------|
| How useful are the following skills and abilities in doing your main job? | Very Useful | Somewhat Useful | Not Very Useful | Not at All Useful | # Resp. |
| Written Communication | 54% | 34% | 6% | 6% | 50 |
| Oral Communication | 72% | 20% | 2% | 6% | 50 |
| Reading and Comprehension | 76% | 16% | 4% | 4% | 49 |
| Group Collaboration | 68% | 24% | 6% | 2% | 50 |
| Critical Anlysis | 62% | 28% | 10% | 0% | 50 |
| Problem Resolution | 70% | 24% | 6% | 0% | 50 |
| Use of Mathematics | 38% | 36% | 18% | 8% | 50 |
| Conducting Research | 35% | 27% | 19% | 19% | 48 |
| Learning on Your Own | 67% | 20% | 10% | 2% | 49 |





| Top 10 Full-time Occupations of 27.0101 Graduates: | | 27.0101 | |
|--|-----------------|---|------------------------------|
| NOC | NOC Skill Level | Description | % Employed FT in this Occ.** |
| 2172 | Α | Database analysts and data administrators | 16% |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |

 $^{^{\}star}$ Data not displayed where n < 5

^{**} Percentages cited are of those employed

| Top 10 Full-time Occupations of SYSTEM Graduates: | | | SYSTEM |
|---|-----------------|---|------------------------------|
| NOC | NOC Skill Level | Description | % Employed FT in this Occ.** |
| 3012 | A | Registered nurses and registered psychiatric nurses | 6% |
| XXXX | 0 | Unclassified occupations | 5% |
| 2173 | A | Software engineers and designers | 3% |
| 1111 | A | Financial auditors and accountants | 3% |
| 4032 | A | Elementary school and kindergarten teachers | 3% |
| 4212 | В | Social and community service workers | 3% |
| 1123 | A | Professional occupations in advertising, marketing and public relations | 3% |
| 2174 | A | Computer programmers and interactive media developers | 3% |
| 1221 | В | Administrative officers | 2% |
| 4031 | Α | Secondary school teachers | 2% |

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

| Funding Sources (3 sources allowed):* | 27.0101 | | SYSTEM | |
|---------------------------------------|---------|-----|--------|-----|
| Personal savings, investments | | 40% | 2,643 | 31% |
| Employment while studying | | 43% | 4,042 | 48% |
| Family/Friends | 37 | 62% | 5,041 | 60% |
| Personal bank loans | 2 | 3% | 535 | 6% |
| Government student loans | 22 | 37% | 2,834 | 34% |
| Scholarships/Bursaries/Grants | 19 | 32% | 2,631 | 31% |
| Other | 10 | 17% | 1,990 | 24% |
| Total | 60 | | 8,391 | |

^{*} Percentage of respondents who identified this source

| Financial Debt Incurred to Finance Bac. Ed.:* | 27.0101 | | SYSTEM | |
|---|---------|-----|--------|-----|
| Incurred any form of financial debt | 26 | 43% | 3,736 | 44% |
| Incurred government-sponsored student loan debt | 23 | 38% | 3,105 | 37% |

^{*} Percentage of respondents who provided data



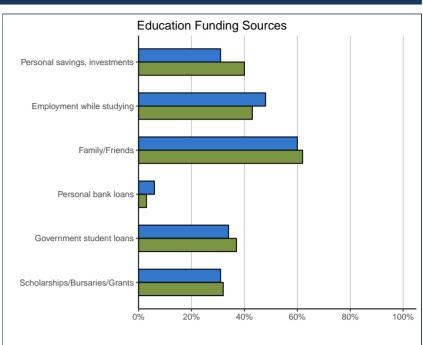
^{*} Includes only cases where financial debt was incurred

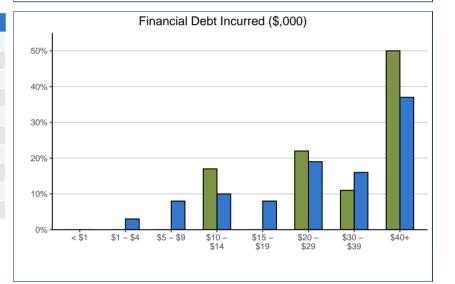


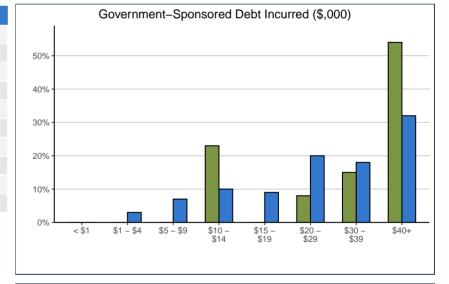
^{*} Includes only cases where government–sponsored debt was incurred

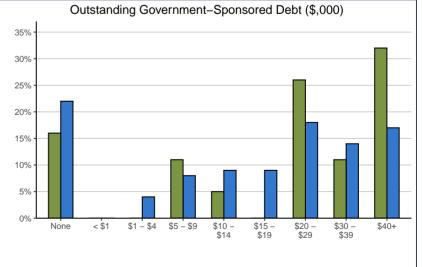


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









^{**} Median amounts shown are based on those who had remaining government student loan debt