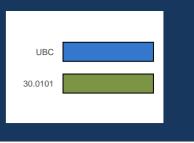
B.C. Baccalaureate Outcomes

2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results University of British Columbia 30.0101: Biological and physical sciences



		F	RESPONSE	RATE				
Survey Response Rate:	30.	0101	U	ЗC		Respo	onse Rate	
Baccalaureate Graduates Survey Cohort	138	100%	7,002	100%	UBC -			
Survey Respondents and Response Rate	38	28%	2,067	30%				
					30.0101 -			
					0%	10%	20%	30%

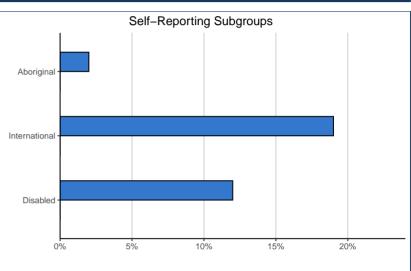
DEMOGRAPHIC INFORMATION

Self-Reporting Subgroups: 30.0101 UBC Disabled 233 12% ~ ~ International 400 19% Aboriginal 28 2%

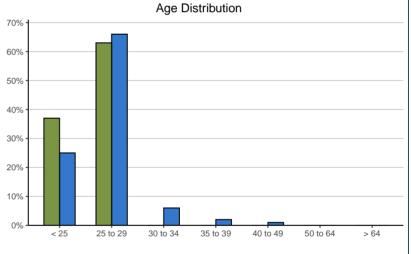
Gender:*	30.0101		UBC	
Male	12	32%	910	44%
Female	26	68%	1,157	56%
Total	38	100%	2,067	100%

'Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

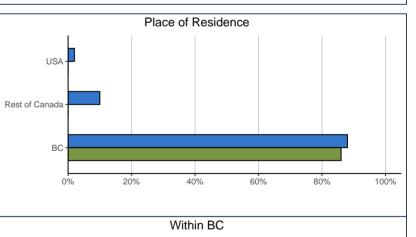
☑ BC Student
□ Outcomes



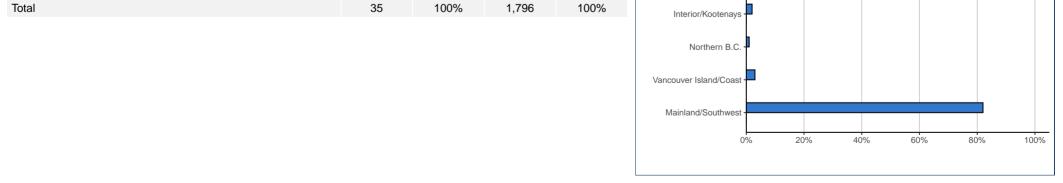
Age (at time of survey):	30.0	30.0101		BC
< 25	14	37%	504	25%
25 to 29	24	63%	1,358	66%
30 to 34	0	0%	126	6%
35 to 39	0	0%	32	2%
40 to 49	0	0%	28	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	38	100%	2,054	100%
Median Age	25		25	
Average (mean) Age	25		26	



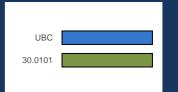
Place of Residence (at time of survey):	30.0	0101	U	вС
BC – Mainland/Southwest	~	~	1,470	82%
BC – Vancouver Island/Coast	~	~	45	3%
BC – Northern B.C.	0	0%	21	1%
BC – Interior/Kootenays	~	~	37	2%
BC Subtotal	30	86%	1,573	88%
Canada – Alberta	~	~	78	4%
Canada – Ontario	~	~	79	4%
Canada – Other	0	0%	32	2%
U.S.A.	0	0%	34	2%
Non-BC Subtotal	5	14%	223	12%



1



Detailed Summary of Survey Results University of British Columbia 30.0101: Biological and physical sciences

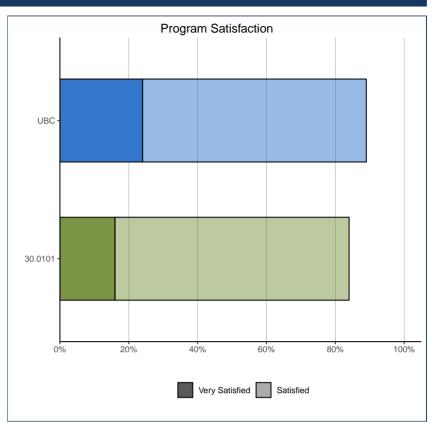


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	30.0101		UBC	
Very Satisfied	6	16%	492	24%
Satisfied	25	68%	1,327	65%
Dissatisfied	5	14%	174	9%
Very Dissatisfied	1	3%	43	2%
Total	37	100%	2,036	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	30.0101		UBC	
Very Useful	5	23%	545	35%
Somewhat Useful	13	59%	723	46%
Not Very Useful	3	14%	231	15%
Not at All Useful	1	5%	63	4%
Total	22	100%	1,562	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	30.0101		UBC	
Yes	2	6%	132	6%
No	34	94%	1,901	94%



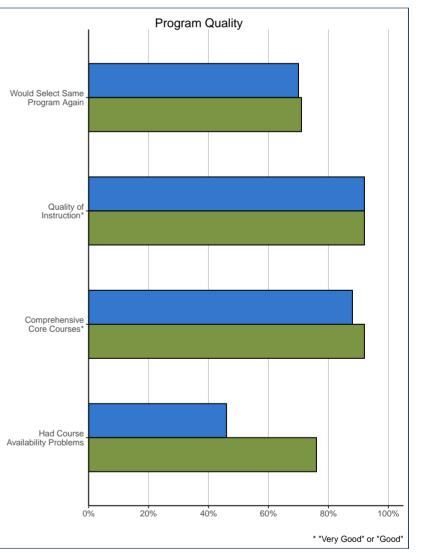
Would select the same program again:	30.0101		UE	BC
Yes	24	71%	1,257	70%
No	10	29%	532	30%

Quality of Instruction:	30.0101		UBC	
Very Good	8	21%	571	28%
Good	27	71%	1,313	64%
Poor	2	5%	141	7%
Very Poor	1	3%	26	1%
Total	38	100%	2,051	100%

Comprehensiveness of Core Courses:	30.0101		UBC	
Very Good	9	26%	523	26%
Good	23	66%	1,252	62%
Poor	2	6%	207	10%
Very Poor	1	3%	38	2%
Total	35	100%	2,020	100%

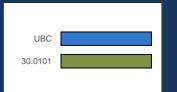
Course Availability:	30.0101		UBC	
Encountered course availability problems	28	76%	916	46%

Financial Constraints:	30.0101		UBC	
Had to interrupt studies for financial reasons	2	5%	116	6%
Had to take program part-time for financial reasons	1	3%	178	9%



Note: \sim indicates low cell count; data suppressed

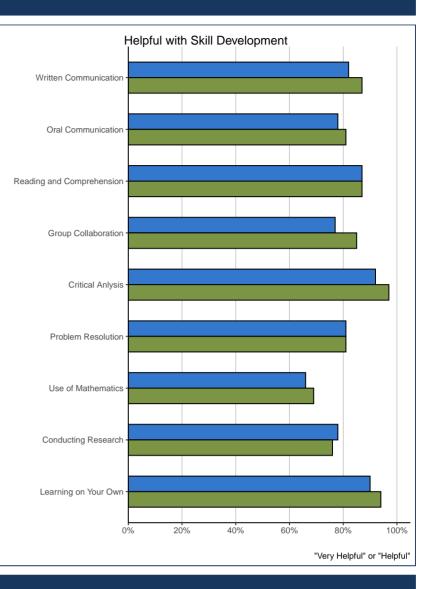
Detailed Summary of Survey Results University of British Columbia 30.0101: Biological and physical sciences

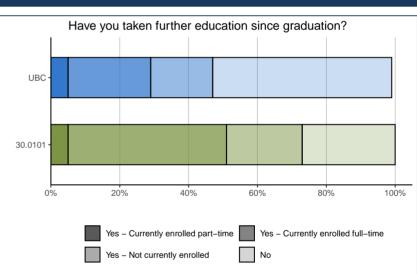


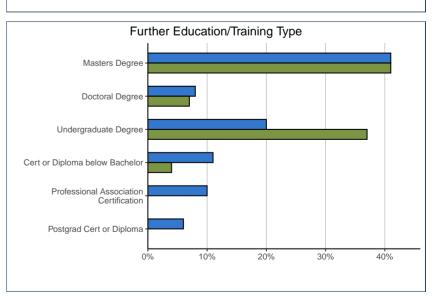
SKILL DEVELOPMENT

			30.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	42%	45%	8%	5%	38
Oral Communication	24%	57%	14%	5%	37
Reading and Comprehension	34%	53%	11%	3%	38
Group Collaboration	32%	53%	13%	3%	38
Critical Anlysis	55%	42%	3%	0%	38
Problem Resolution	39%	42%	18%	0%	38
Use of Mathematics	22%	47%	28%	3%	36
Conducting Research	37%	39%	16%	8%	38
Learning on Your Own	55%	39%	3%	3%	38

			UBC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	57%	15%	3%	2,007
Oral Communication	23%	55%	19%	3%	2,013
Reading and Comprehension	33%	54%	11%	2%	2,033
Group Collaboration	26%	51%	19%	4%	2,030
Critical Anlysis	45%	47%	7%	2%	2,052
Problem Resolution	26%	55%	16%	3%	2,015
Use of Mathematics	20%	46%	24%	9%	1,657
Conducting Research	30%	48%	17%	4%	1,966
Learning on Your Own	43%	47%	9%	2%	2,037







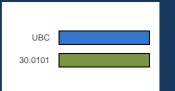
FURTHER EDUCATION

30.0	101	U	BC
27	73%	980	48%
8	22%	370	18%
17	46%	498	24%
2	5%	103	5%
10	27%	1,070	52%
37	100%	2,050	100%
	27 8 17 2 10	8 22% 17 46% 2 5% 10 27%	2773%980822%3701746%49825%1031027%1,070

Type of Formal Post–Secondary Education:	30.	0101	U	вС
Masters Degree	11	41%	399	41%
Doctoral Degree	2	7%	78	8%
Another Undergraduate Degree	10	37%	198	20%
Certificate or Diploma below Bachelor level	1	4%	103	11%
Professional Association Certification	0	0%	102	10%
Postgraduate Certificate or Diploma	0	0%	61	6%

r oolgradato oortinoato or Dipionia	Ũ	070	01	0,0
Other	3	11%	32	3%
Total	27	100%	973	100%

Detailed Summary of Survey Results University of British Columbia 30.0101: Biological and physical sciences



EMPLOYMENT

177

10.1%

Labour Fource Status:	30.	0101	UE	BC
In Labour Force (working or seeking work)	27	73%	1,746	86%
Not in Labour Force	10	27%	277	14%
Total	37	100%	2,023	100%
Employment:	30.	0101	UE	BC
Employment Rate*	23	61%	1,569	76%

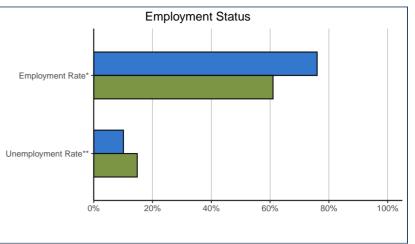
 Employment:
 30.0101

 Employment Rate*
 23
 61%

 Unemployment Rate**
 4
 14.8%

 *Percent = Total employed divided by total number of respondents
 5

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



Status of Graduates NOT in Labour Force:	30.0	101	U	вС
Attending School FT	9	90%	220	79%
Attending School PT	0	0%	7	3%
Other	1	10%	50	18%
Total NOT in Labour Force	10	100%	277	100%

Primary Employment Type:	30.0	0101	UE	BC
Paid worker	22	100%	1,480	95%
Self-employed	0	0%	82	5%
Total	22	100%	1,562	100%

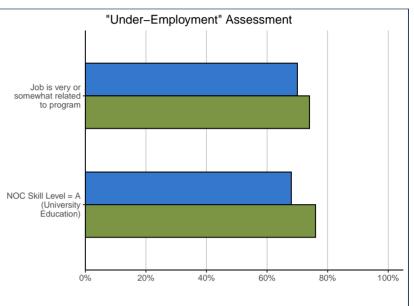
Job Characteristics:	30.0	0101	UI	BC
I hold more than one job*	7	30%	232	15%
My main job is full-time (>= 30 hours per week)**	17	81%	1,295	87%
*Of total Employed				

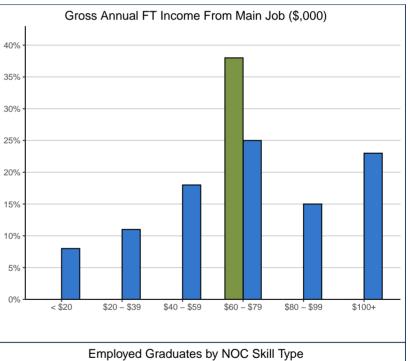
**Of those who provided data on hours/week worked

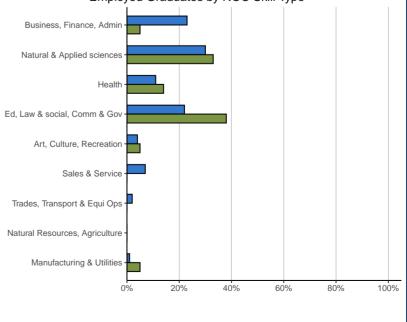
How related is your main job to your program?	30.0	0101	UE	BC
Very Related	4	17%	592	38%
Somewhat Related	13	57%	493	32%
Not Very Related	5	22%	230	15%
Not at All Related	1	4%	245	16%
Total	23	100%	1,560	100%

"Under-employment" Assessment:	30.	0101	U	BC
Job is very or somewhat related to program	17	74%	1,085	70%
NOC Skill Level = A (University Education)*	16	76%	969	68%
*Of total valid responses				

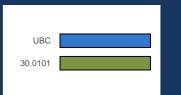
Gross Annual Income from Main Job:*	30.0	0101	U	BC
Less than \$20,000	~	~	101	8%
\$20,000 to \$39,999	~	~	130	11%
\$40,000 to \$59,999	~	~	222	18%
\$60,000 to \$79,999	6	38%	297	25%
\$80,000 to \$99,999	~	~	185	15%
\$100,000 and Above	0	0%	274	23%
Total	16	100%	1,209	100%
Median Annual Income (full-time) (\$)	73,500		73,750	
Average Annual Income (full-time) (\$)	71,778		84,372	
Where data provided				
		0101	U	BC
Where data provided		0101 5%	UI 322	BC 23%
Where data provided NOC Skill Type of Main Job: Business, finance & administration	30.0			
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	30.t	5%	322	23%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	30.(1 7	5% 33%	322 433	23% 30%
Where data provided NOC Skill Type of Main Job:	30.0 1 7 3	5% 33% 14%	322 433 162	23% 30% 11%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport	30.0 1 7 3 8	5% 33% 14% 38%	322 433 162 314	23% 30% 11% 22%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	30.0 1 7 3 8 1	5% 33% 14% 38% 5%	322 433 162 314 54	23% 30% 11% 22% 4%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service	30.0 1 7 3 8 1 0	5% 33% 14% 38% 5% 0%	322 433 162 314 54 102	23% 30% 11% 22% 4% 7%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service Trades, transport & equipment operators & related	30.0 1 7 3 8 1 0 0	5% 33% 14% 38% 5% 0% 0%	322 433 162 314 54 102 25	23% 30% 11% 22% 4% 7% 2%





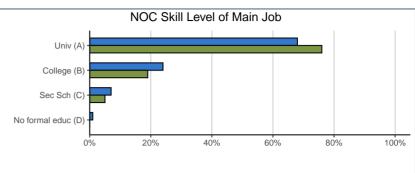


Detailed Summary of Survey Results University of British Columbia 30.0101: Biological and physical sciences



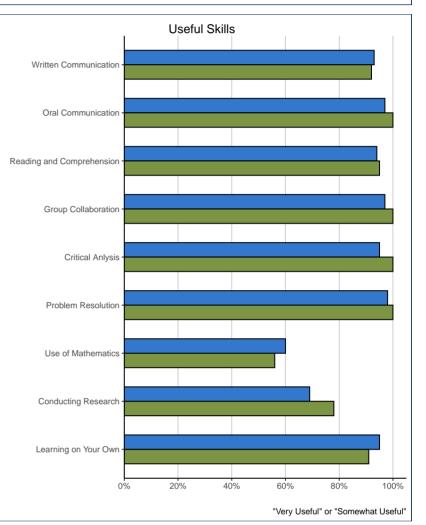
EMPLOYMENT, continued

NOC Skill Level of Main Job:	30.	30.0101		BC
A. University education	16	76%	969	68%
B. College education/trade apprenticeship	4	19%	349	24%
C. Secondary school + job-specific training	1	5%	99	7%
D. No formal education	0	0%	18	1%
Total	21	100%	1,435	100%



			30.0101		
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	83%	9%	4%	4%	23
Oral Communication	96%	4%	0%	0%	23
Reading and Comprehension	78%	17%	4%	0%	23
Group Collaboration	87%	13%	0%	0%	23
Critical Anlysis	78%	22%	0%	0%	23
Problem Resolution	74%	26%	0%	0%	23
Use of Mathematics	26%	30%	30%	13%	23
Conducting Research	61%	17%	9%	13%	23
Learning on Your Own	78%	13%	9%	0%	23

			UBC		
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	70%	23%	5%	2%	1,559
Oral Communication	77%	20%	2%	1%	1,560
Reading and Comprehension	69%	25%	4%	1%	1,556
Group Collaboration	78%	19%	3%	1%	1,558
Critical Anlysis	75%	20%	4%	1%	1,558
Problem Resolution	79%	19%	2%	1%	1,557
Use of Mathematics	22%	38%	26%	14%	1,522
Conducting Research	37%	32%	19%	12%	1,531
Learning on Your Own	71%	24%	3%	2%	1,556



Top 10 Full-time Occurations of 30.0101 Gradients 30.0101 NOC NOC Skill Level Description % Employed FT in this Occ.** ·

* Data not displayed where n < 5

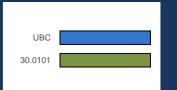
** Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	А	Software engineers and designers	6%
XXXX	0	Unclassified occupations	6%
2174	A	Computer programmers and interactive media developers	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4112	A	Lawyers and Quebec notaries	3%
3131	А	Pharmacists	2%
2172	A	Database analysts and data administrators	2%
2131	A	Civil engineers	2%
3012	A	Registered nurses and registered psychiatric nurses	2%
1241	В	Administrative assistants	2%
* Data and Part	e de la companse de la		

* Data not displayed where n < 5

** Percentages cited are of those employed

Detailed Summary of Survey Results University of British Columbia 30.0101: Biological and physical sciences

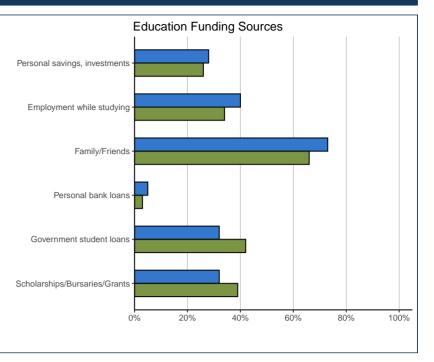


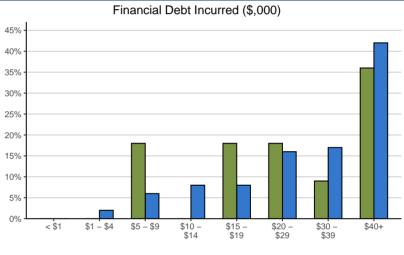
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	30.	30.0101		зс
Personal savings, investments	10	26%	566	28%
Employment while studying	13	34%	802	40%
Family/Friends	25	66%	1,472	73%
Personal bank loans	1	3%	105	5%
Government student loans	16	42%	654	32%
Scholarships/Bursaries/Grants	15	39%	658	32%
Other	14	37%	505	25%
Total	38		2,025	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	30.	30.0101		BC
Incurred any form of financial debt	18	47%	835	41%
Incurred government-sponsored student loan debt	17	45%	719	35%
* Percentage of respondents who provided data				

Financial Debt Amount:*	30.0101		UBC	
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	14	2%
\$5,000 to \$9,999	2	18%	39	6%
\$10,000 to \$14,999	0	0%	52	8%
\$15,000 to \$19,999	2	18%	48	8%
\$20,000 to \$29,999	2	18%	105	16%
\$30,000 to \$39,999	1	9%	109	17%
\$40,000 or More	4	36%	270	42%
Total	11	100%	637	100%
Median Financial Debt (\$)	25,000		33,000	





' Includes only cases where financial debt was incurred

Gov't-Sponsored Student Loan Debt Amount:*	30.	30.0101 L		JBC	
< \$1,000	0	0%	0	0%	
\$1,000 to \$4,999	0	0%	11	2%	
\$5,000 to \$9,999	2	20%	31	6%	
\$10,000 to \$14,999	0	0%	51	10%	
\$15,000 to \$19,999	3	30%	42	9%	
\$20,000 to \$29,999	0	0%	86	18%	
\$30,000 to \$39,999	2	20%	104	21%	
\$40,000 or More	3	30%	165	34%	
Total	10	100%	490	100%	
Median Gov't–Sponsored Loan Debt (\$)	24,580		30,000		

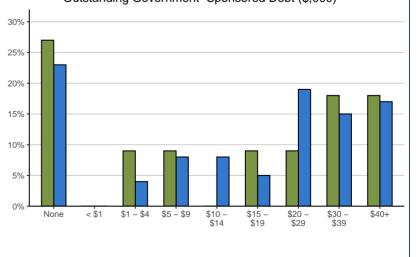
Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	30.0101 UBC		BC	
None – Loan repaid in full	3	27%	132	23%
< \$1,000	0	0%	1	0%
\$1,000 to \$4,999	1	9%	22	4%
\$5,000 to \$9,999	1	9%	43	8%
\$10,000 to \$14,999	0	0%	47	8%
\$15,000 to \$19,999	1	9%	31	5%
\$20,000 to \$29,999	1	9%	108	19%
\$30,000 to \$39,999	2	18%	88	15%
\$40,000 or More	2	18%	99	17%
Total	11	100%	571	100%
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	28,000		25,000	

Government–Sponsored Debt Incurred (\$,000) 35% 30% 20% 15% 10% 5% 0% < \$1 \$1 - \$4 \$30 – \$39 \$40+ \$5 **-** \$9 \$20 -\$29 \$10 – \$14 \$15 – \$19

25%

Outstanding Government–Sponsored Debt (\$,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