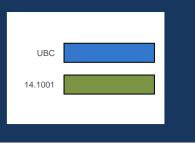
B.C. Baccalaureate Outcomes

2024 Survey of 2022 Baccalaureate Graduates

☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results University of British Columbia 14.1001: Electrical and electronics engineering



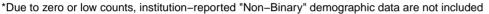
		F	RESPONSE	RATE							
Survey Response Rate:	14.	1001	U	BC			Res	sponse Ra	te		
Baccalaureate Graduates Survey Cohort	121	100%	6,530	100%	UBC -						
Survey Respondents and Response Rate	34	28%	1,566	24%	OBC 1						
					14.1001 -						
					0%	5%	10%	15%	20%	25%	30%

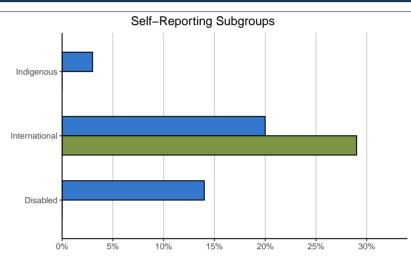
DEMOGRAPHIC INFORMATION

Г

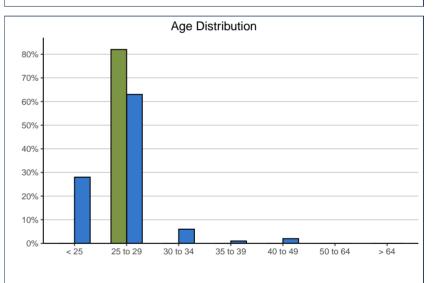
Self-Reporting Subgroups:	14.1001		UBC	
Disabled	~	~	209	14%
International	10	29%	318	20%
Indigenous	0	0%	34	3%

Gender:*	14.1001		UBC	
Man/Boy	~	~	744	48%
Woman/Girl	~	~	819	52%
Total	34	100%	1,563	100%

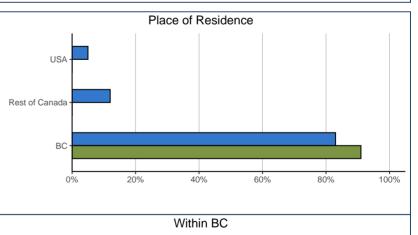




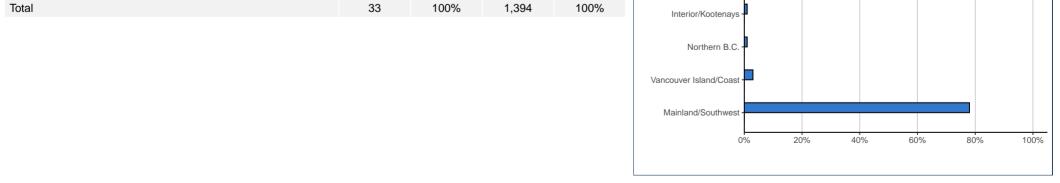
Age (at time of survey):	14.1001		UBC	
< 25	~	~	437	28%
25 to 29	28	82%	975	63%
30 to 34	~	~	92	6%
35 to 39	0	0%	21	1%
40 to 49	0	0%	24	2%
50 to 64	0	0%	5	0%
> 64	0	0%	0	0%
Total	34	100%	1,554	100%
Median Age	25		25	
Average (mean) Age	25		26	



Place of Residence (at time of survey):	14.1	1001	UI	вС
BC – Mainland/Southwest	~	~	1,085	78%
BC – Vancouver Island/Coast	~	~	36	3%
BC – Northern B.C.	0	0%	10	1%
BC – Interior/Kootenays	0	0%	20	1%
BC Subtotal	30	91%	1,151	83%
Canada – Alberta	~	~	57	4%
Canada – Ontario	~	~	90	6%
Canada – Other	0	0%	31	2%
U.S.A.	~	~	65	5%
Non-BC Subtotal	~	~	243	17%



1



Detailed Summary of Survey Results University of British Columbia 14.1001: Electrical and electronics engineering

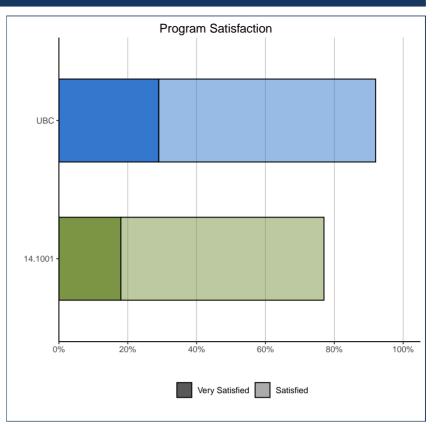


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1001		UBC	
Very Satisfied	6	18%	444	29%
Satisfied	20	59%	976	63%
Dissatisfied	5	15%	110	7%
Very Dissatisfied	3	9%	21	1%
Total	34	100%	1,551	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1	1001	UBC		
Very Useful	13	42%	415	36%	
Somewhat Useful	15	48%	573	50%	
Not Very Useful	2	6%	132	11%	
Not at All Useful	1	3%	33	3%	
Total	31	100%	1,153	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1001		UBC	
Yes	0	0%	73	5%
No	34	100%	1,468	95%



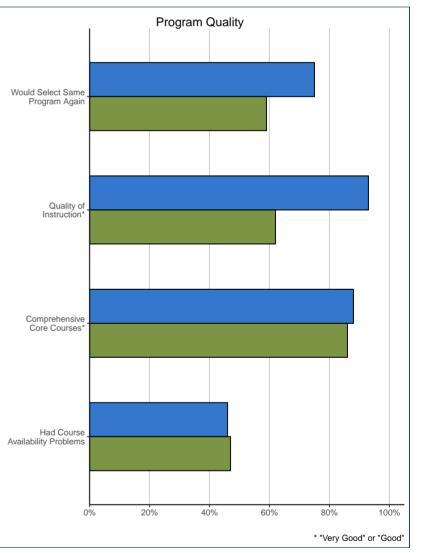
Would select the same program again:	14.1001		UBC	
Yes	19	59%	1,018	75%
No	13	41%	343	25%

Quality of Instruction:	14.1001		UBC	
Very Good	3	9%	470	30%
Good	18	53%	982	63%
Poor	10	29%	90	6%
Very Poor	3	9%	13	1%
Total	34	100%	1,555	100%

Comprehensiveness of Core Courses:	14.1001		UBC	
Very Good	7	21%	450	29%
Good	22	65%	910	59%
Poor	4	12%	150	10%
Very Poor	1	3%	21	1%
Total	34	100%	1,531	100%

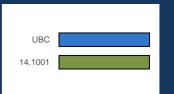
Course Availability:	14.1001		UBC	
Encountered course availability problems	16	47%	704	46%

Financial Constraints:	14.1001		UBC	
Had to interrupt studies for financial reasons	1	3%	72	5%
Had to take program part-time for financial reasons	2	6%	115	7%



Note: \sim indicates low cell count; data suppressed

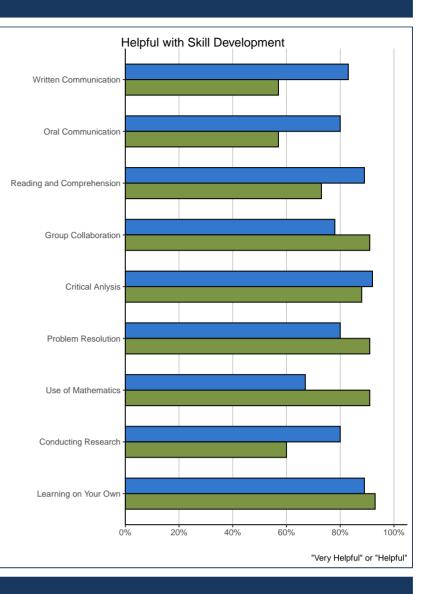
Detailed Summary of Survey Results University of British Columbia 14.1001: Electrical and electronics engineering

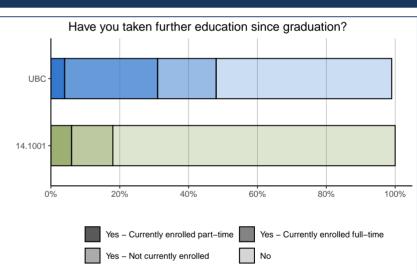


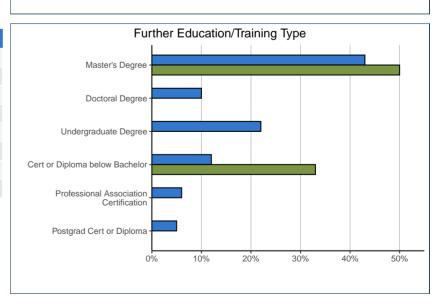
SKILL DEVELOPMENT

			14.1001		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	12%	45%	27%	15%	33
Oral Communication	15%	42%	30%	12%	33
Reading and Comprehension	21%	52%	21%	6%	33
Group Collaboration	44%	47%	9%	0%	34
Critical Anlysis	44%	44%	12%	0%	34
Problem Resolution	33%	58%	9%	0%	33
Use of Mathematics	56%	35%	3%	6%	34
Conducting Research	15%	45%	27%	12%	33
Learning on Your Own	48%	45%	6%	0%	33

Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
27%	56%	15%	2%	1,538
25%	55%	18%	3%	1,534
36%	53%	10%	1%	1,539
30%	48%	18%	3%	1,541
48%	44%	6%	1%	1,556
26%	54%	18%	2%	1,518
23%	44%	25%	7%	1,198
35%	45%	17%	3%	1,477
43%	46%	9%	2%	1,540
	Helpful 27% 25% 36% 30% 48% 26% 23% 35%	Helpful Helpful 27% 56% 25% 55% 36% 53% 30% 48% 48% 44% 26% 54% 23% 44% 35% 45%	Helpful Helpful Helpful 27% 56% 15% 25% 55% 18% 36% 53% 10% 30% 48% 18% 48% 48% 6% 26% 54% 18% 23% 44% 25% 35% 45% 17%	Helpful Helpful Helpful Helpful 27% 56% 15% 2% 25% 55% 18% 3% 36% 53% 10% 1% 30% 48% 18% 3% 48% 48% 6% 1% 26% 54% 18% 2% 23% 44% 6% 1% 23% 44% 25% 7% 35% 45% 17% 3%







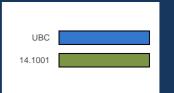
FURTHER EDUCATION

14.1001		UBC	
6	18%	760	49%
4	12%	268	17%
2	6%	419	27%
0	0%	68	4%
28	82%	796	51%
34	100%	1,556	100%
	6 4 2 0 28	6 18% 4 12% 2 6% 0 0% 28 82%	618%760412%26826%41900%682882%796

Type of Formal Post–Secondary Education:	14.	14.1001		BC
Master's Degree	3	50%	323	43%
Doctoral Degree	0	0%	72	10%
Another Undergraduate Degree	0	0%	167	22%
Certificate or Diploma below Bachelor Level	2	33%	91	12%
Professional Association Certification	0	0%	44	6%
Postgraduate Certificate or Diploma	0	0%	36	5%

r oogradado oor inicado or Dipiorna	Ũ	070	00	0,0	
Other	1	17%	24	3%	
Total	6	100%	757	100%	

Detailed Summary of Survey Results University of British Columbia 14.1001: Electrical and electronics engineering



EMPLOYMENT

134

10.3%

Labour Fource Status:	14.	14.1001		BC
In Labour Force (working or seeking work)	33	97%	1,299	85%
Not in Labour Force	1	3%	225	15%
Total	34	100%	1,524	100%
Employment:	14.	14.1001		BC
Employment Rate*	31	91%	1,165	74%

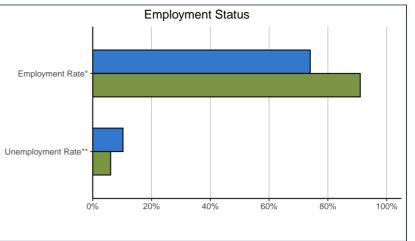
2

6.1%

Unemployment Rate**

*Percent = Total employed divided by total number of respondents

**Percent = Total unemployed divided by total number in labour force



Status of Graduates NOT in Labour Force:	14.1001		UBC	
Attending School FT	1	100%	179	80%
Attending School PT	0	0%	7	3%
Other	0	0%	39	17%
Total NOT in Labour Force	1	100%	225	100%

Primary Employment Type:	14.1001		UBC	
Paid Worker	31	100%	1,072	92%
Self-Employed	0	0%	93	8%
Total	31	100%	1,165	100%

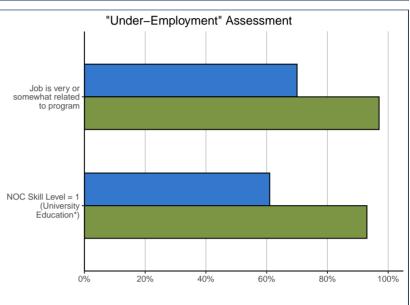
Job Characteristics:	14.	14.1001		BC
I hold more than one job*	0	0%	175	15%
My main job is full-time (>= 30 hours per week)**	31	100%	941	86%
*Of total employed				

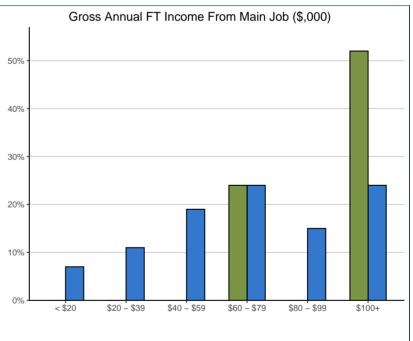
**Of those who provided data on hours/week worked

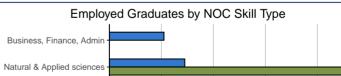
How related is your main job to your program?	14.	14.1001		UBC	
Very Related	16	52%	457	39%	
Somewhat Related	14	45%	361	31%	
Not Very Related	1	3%	168	14%	
Not at All Related	0	0%	175	15%	
Total	31	100%	1,161	100%	

"Under-Employment" Assessment:	14.1001		UBC	
Job is very or somewhat related to program	30	97%	818	70%
NOC Skill Level = 1 (University Education)*	28	93%	672	61%
*Of total valid responses; NOC 2021 (TEER)				

Gross Annual Income from Main Job:*	14.	1001	UI	вС
Less than \$20,000	~	~	64	7%
\$20,000 to \$39,999	0	0%	93	11%
\$40,000 to \$59,999	0	0%	172	19%
\$60,000 to \$79,999	6	24%	209	24%
\$80,000 to \$99,999	~	~	137	15%
\$100,000 and Above	13	52%	209	24%
Total	25	100%	884	100%
Median Annual Income (full-time) (\$)	1e+05		75,000	
Average Annual Income (full-time) (\$)	106,545		87,000	
*Where data provided				

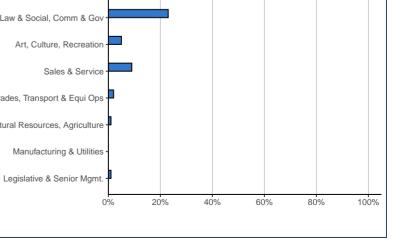






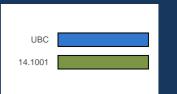
Health -

NOC Skill Type of Main Job (NOC 2021):	14.	1001	U	BC
Legislative and senior management	0	0%	16	1%
Business, finance & administration	0	0%	234	21%
Natural & applied sciences & related	30	100%	323	29%
Health	0	0%	97	9%
Education, law and social, community & government	0	0%	250	23%
Art, culture, recreation & sport	0	0%	56	5%
Sales & service	0	0%	96	9%
Trades, transport & equipment operators & related	0	0%	24	2%
Natural resources, agriculture & related production	0	0%	9	1%
Manufacturing & utilities	0	0%	3	0%
Total	30	100%	1,108	100%



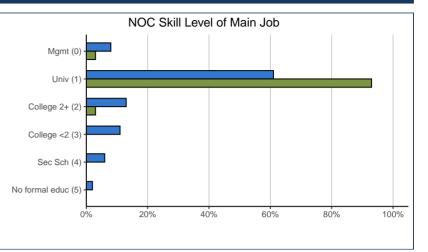
4

Detailed Summary of Survey Results University of British Columbia 14.1001: Electrical and electronics engineering



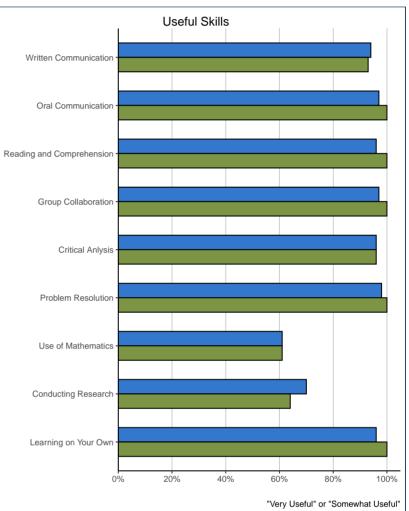
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	14.	14.1001		BC
0. Management	1	3%	88	8%
1. University education	28	93%	672	61%
2. College education/trade apprenticeship (2+ years)	1	3%	139	13%
3. College education/trade apprenticeship (<2 years)	0	0%	119	11%
4. Secondary school + job-specific training	0	0%	67	6%
5. No formal education	0	0%	23	2%
Total	30	100%	1,108	100%



		14.1001				
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	74%	19%	6%	0%	31	
Oral Communication	77%	23%	0%	0%	31	
Reading and Comprehension	77%	23%	0%	0%	31	
Group Collaboration	84%	16%	0%	0%	31	
Critical Anlysis	90%	6%	3%	0%	31	
Problem Resolution	94%	6%	0%	0%	31	
Use of Mathematics	29%	32%	32%	6%	31	
Conducting Research	35%	29%	19%	16%	31	
Learning on Your Own	90%	10%	0%	0%	31	

	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%	24%	5%	2%	1,156
Oral Communication	78%	19%	3%	1%	1,157
Reading and Comprehension	70%	26%	4%	1%	1,151
Group Collaboration	77%	20%	3%	1%	1,156
Critical Anlysis	75%	21%	4%	1%	1,155
Problem Resolution	80%	18%	2%	0%	1,155
Use of Mathematics	27%	34%	24%	15%	1,120
Conducting Research	40%	30%	19%	11%	1,129
Learning on Your Own	70%	26%	4%	1%	1,151



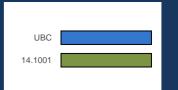
Top 10 Full-Time Oc	ccupations of 14.1001 G	aduates*:	14.1001
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21231	1	Software engineers and designers	35%
21310	1	Electrical and electronics engineers	29%
*			
*			
*			
*			
*			

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

Top 10 Full-Tin	ne Occupations of UBC Gr	aduates*:	UBC
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21231	1	Software engineers and designers	7%
41101	1	Lawyers and Quebec notaries	3%
21232	1	Software developers and programmers	3%
11202	1	Professional occupations in advertising, marketing and public relations	3%
13100	3	Administrative officers	2%
21300	1	Civil engineers	2%
XXXXX	Х	Unclassified occupations	2%
41201	1	Post-secondary teaching and research assistants	2%
11101	1	Financial and investment analysts	2%
21310	1	Electrical and electronics engineers	2%
* Data not displaye	ed where n < 5; NOC 2021		

** Percentages cited are of those employed

Detailed Summary of Survey Results University of British Columbia 14.1001: Electrical and electronics engineering

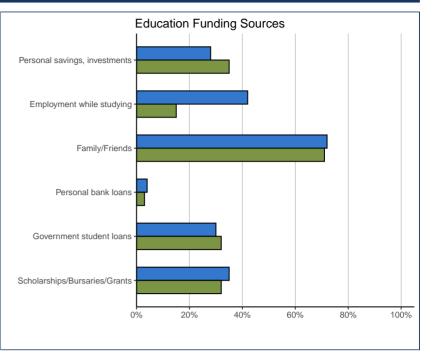


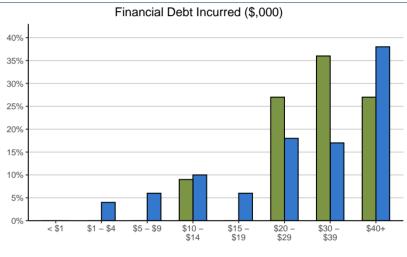
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.1001		ЗC
Personal savings, investments	12	35%	434	28%
Employment while studying	5	15%	647	42%
Family/Friends	24	71%	1,106	72%
Personal bank loans	1	3%	63	4%
Government student loans	11	32%	462	30%
Scholarships/Bursaries/Grants	11	32%	531	35%
Other	18	53%	362	24%
Total	34		1,531	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	14.1	14.1001		BC
Incurred any form of financial debt	13	38%	577	38%
Incurred government-sponsored student loan debt	12	35%	505	33%
* Percentage of respondents who provided data				

Financial Debt Amount:*	14.1001		UBC	
< \$1,000	0	0%	2	0%
\$1,000 to \$4,999	0	0%	20	4%
\$5,000 to \$9,999	0	0%	30	6%
\$10,000 to \$14,999	1	9%	47	10%
\$15,000 to \$19,999	0	0%	27	6%
\$20,000 to \$29,999	3	27%	85	18%
\$30,000 to \$39,999	4	36%	80	17%
\$40,000 or More	3	27%	175	38%
Total	11	100%	466	100%
Median Financial Debt (\$)	32,000		30,000	
* Includes only cases where financial debt was incurred				

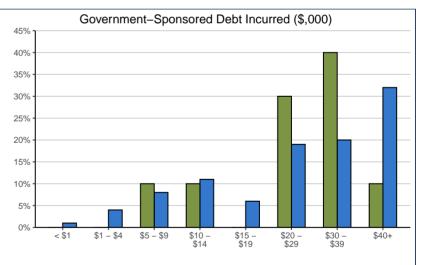




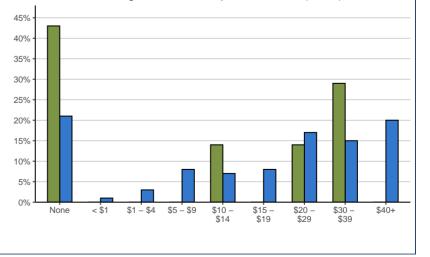
14.1001		UBC	
0	0%	3	1%
0	0%	15	4%
1	10%	28	8%
1	10%	38	11%
0	0%	20	6%
3	30%	67	19%
4	40%	74	20%
1	10%	116	32%
10	100%	361	100%
27,000		30,000	
	0 0 1 0 3 4 1 10	0 0% 0 0% 1 10% 1 10% 0 0% 3 30% 4 40% 1 10% 1 10%	0 0% 3 0 0% 15 1 10% 28 1 10% 38 0 0% 20 3 30% 67 4 40% 74 1 10% 361

* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.	14.1001		вС
None – Loan repaid in full	3	43%	84	21%
< \$1,000	0	0%	2	1%
\$1,000 to \$4,999	0	0%	12	3%
\$5,000 to \$9,999	0	0%	30	8%
\$10,000 to \$14,999	1	14%	28	7%
\$15,000 to \$19,999	0	0%	32	8%
\$20,000 to \$29,999	1	14%	66	17%
\$30,000 to \$39,999	2	29%	61	15%
\$40,000 or More	0	0%	79	20%
Total	7	100%	394	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	27,500		26,000	



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