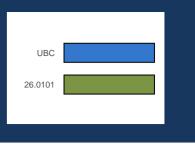


# B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results University of British Columbia 26.0101: Biology/biological sciences, general



30%

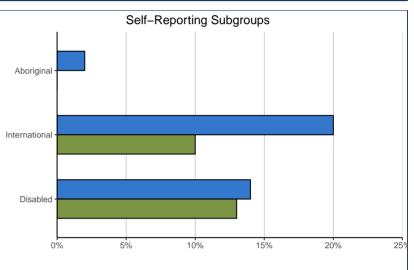
RESPONSE RATE								
Survey Response Rate:	26.0	26.0101 UBC			Response Rate			
Baccalaureate Graduates Survey Cohort	309	100%	6,879	100%	UBC -			
Survey Respondents and Response Rate	102	33%	2,273	33%	000			
					26.0101 -			

### DEMOGRAPHIC INFORMATION

0%

#### Self-Reporting Subgroups: 26.0101 UBC Disabled 13 13% 292 14% International 10 10% 459 20% Aboriginal 41 2%

Gender:*	26.0101		UBC	
Male	17	17%	953	42%
Female	85	83%	1,320	58%
Total	102	100%	2,273	100%

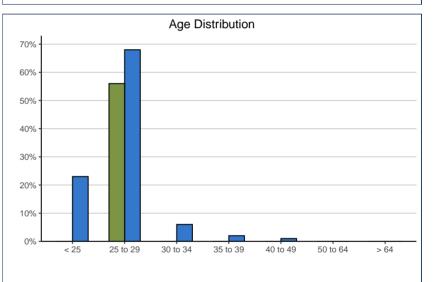


20%

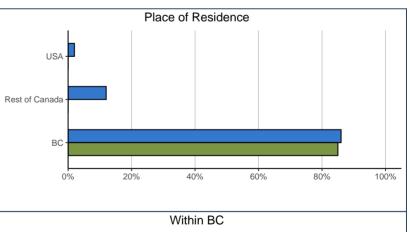
10%

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

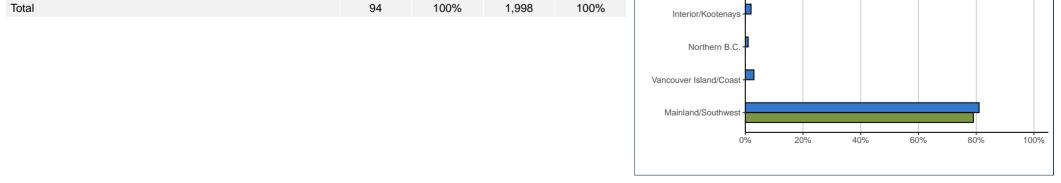
Age (at time of survey):	26.	26.0101		UBC	
< 25	~	~	520	23%	
25 to 29	57	56%	1,549	68%	
30 to 34	~	~	133	6%	
35 to 39	0	0%	39	2%	
40 to 49	~	~	21	1%	
50 to 64	0	0%	~	~	
> 64	0	0%	~	~	
Total	102	100%	2,269	100%	
Median Age	25		25		
Average (mean) Age	25		26		



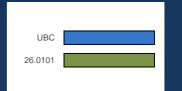
Place of Residence (at time of survey):	26	26.0101		UBC	
BC – Mainland/Southwest	74	79%	1,615	81%	
BC – Vancouver Island/Coast	~	~	50	3%	
BC – Northern B.C.	~	~	12	1%	
BC – Interior/Kootenays	~	~	48	2%	
BC Subtotal	80	85%	1,725	86%	
Canada – Alberta	~	~	77	4%	
Canada – Ontario	~	~	112	6%	
Canada – Other	~	~	42	2%	
U.S.A.	~	~	42	2%	
Non-BC Subtotal	14	15%	273	14%	



1





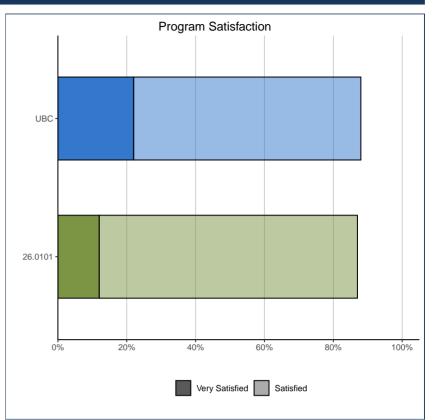


#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0101		UBC	
Very Satisfied	12	12%	490	22%
Satisfied	75	75%	1,486	66%
Dissatisfied	11	11%	221	10%
Very Dissatisfied	2	2%	44	2%
Total	100	100%	2,241	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0101		UBC	
Very Useful	18	28%	548	31%
Somewhat Useful	33	51%	924	52%
Not Very Useful	10	15%	242	14%
Not at All Useful	4	6%	60	3%
Total	65	100%	1,774	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0101		UBC	
Yes	3	3%	127	6%
No	98	97%	2,107	94%



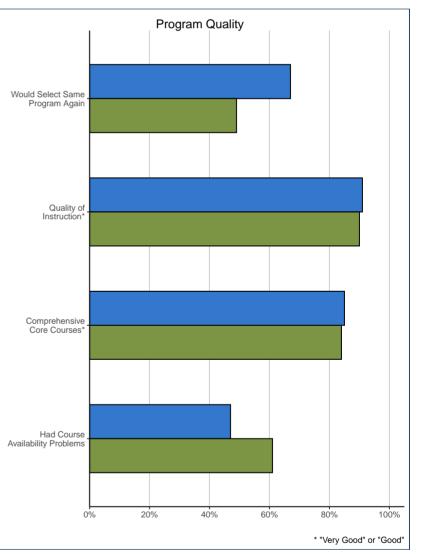
Would select the same program again:	26.0101		UBC	
Yes	44	49%	1,303	67%
No	46	51%	656	33%

Quality of Instruction:	26.0101		UBC	
Very Good	22	22%	588	26%
Good	69	68%	1,467	65%
Poor	10	10%	172	8%
Very Poor	1	1%	30	1%
Total	102	100%	2,257	100%

Comprehensiveness of Core Courses:	26.0101		UBC	
Very Good	13	13%	535	24%
Good	70	71%	1,356	61%
Poor	13	13%	287	13%
Very Poor	2	2%	45	2%
Total	98	100%	2,223	100%

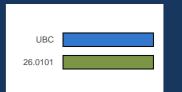
Course Availability:	26.0101		UBC	
Encountered course availability problems	60	61%	1,043	47%

Financial Constraints:	26.0101		UBC	
Had to interrupt studies for financial reasons	10	10%	155	7%
Had to take program part-time for financial reasons	15	15%	224	10%



Note:  $\sim$  indicates low cell count; data suppressed

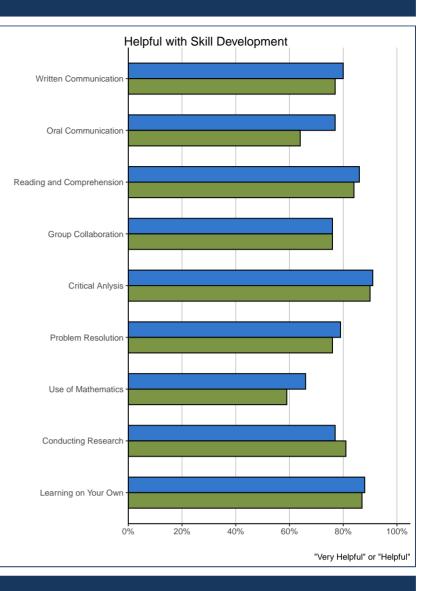


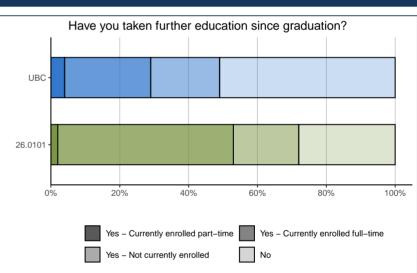


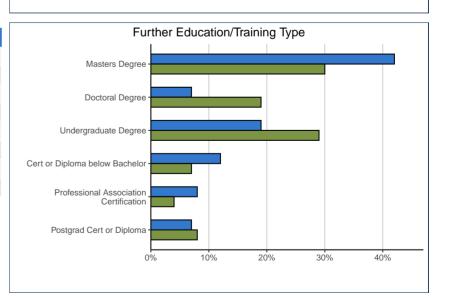
#### SKILL DEVELOPMENT

			26.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	18%	59%	20%	3%	101
Oral Communication	18%	46%	33%	3%	97
Reading and Comprehension	35%	49%	16%	1%	101
Group Collaboration	20%	56%	17%	7%	101
Critical Anlysis	42%	48%	6%	4%	100
Problem Resolution	21%	55%	19%	5%	100
Use of Mathematics	8%	51%	29%	12%	97
Conducting Research	33%	48%	13%	6%	100
Learning on Your Own	43%	44%	11%	3%	101

			UBC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	24%	56%	17%	3%	2,198
Oral Communication	22%	55%	20%	4%	2,212
Reading and Comprehension	31%	55%	12%	2%	2,222
Group Collaboration	24%	52%	20%	4%	2,230
Critical Anlysis	43%	48%	8%	2%	2,253
Problem Resolution	24%	55%	18%	3%	2,188
Use of Mathematics	20%	46%	24%	10%	1,801
Conducting Research	29%	48%	19%	4%	2,159
Learning on Your Own	39%	49%	10%	2%	2,236







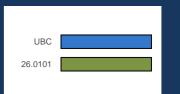
#### FURTHER EDUCATION

26.0	101	U	BC
73	72%	1,119	49%
19	19%	454	20%
52	51%	559	25%
2	2%	99	4%
29	28%	1,144	51%
102	100%	2,263	100%
	73 19 52 2 29	19     19%       52     51%       2     2%       29     28%	7372%1,1191919%4545251%55922%992928%1,144

Type of Formal Post–Secondary Education:	26.	0101	U	BC
Masters Degree	22	30%	467	42%
Doctoral Degree	14	19%	82	7%
Another Undergraduate Degree	21	29%	213	19%
Certificate or Diploma below Bachelor level	5	7%	133	12%
Professional Association Certification	3	4%	86	8%
Postgraduate Certificate or Diploma	6	8%	77	7%

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Other	2	3%	52	5%
Total	73	100%	1,110	100%





#### EMPLOYMENT

Labour Fource Status:	26.	0101	UE	BC
In Labour Force (working or seeking work)	75	77%	1,931	87%
Not in Labour Force	22	23%	296	13%
Total	97	100%	2,227	100%
Employment:	26.	0101	UE	BC

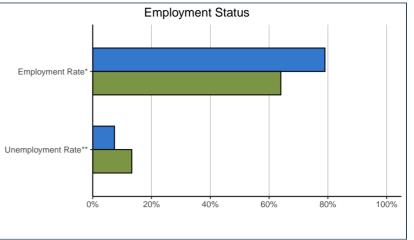
 Employment:
 26.0101
 UBC

 Employment Rate\*
 65
 64%
 1,788
 79%

 Unemployment Rate\*\*
 10
 13.3%
 143
 7.4%

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

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



Status of Graduates NOT in Labour Force:	26.0	0101	U	вС
Attending School FT	21	95%	238	80%
Attending School PT	0	0%	2	1%
Other	1	5%	56	19%
Total NOT in Labour Force	22	100%	296	100%

Primary Employment Type:	26.0	0101	UE	BC
Paid worker	64	98%	1,679	94%
Self-employed	1	2%	106	6%
Total	65	100%	1,785	100%

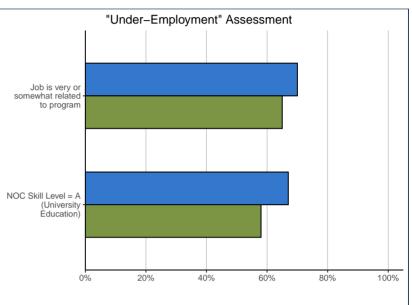
Job Characteristics:	26.	0101	UI	BC
I hold more than one job*	17	26%	300	17%
My main job is full-time (>= 30 hours per week)**	44	73%	1,465	86%
*Of total Employed				

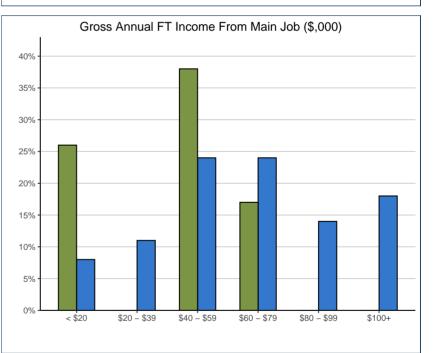


How related is your main job to your program?	26.	0101	UI	BC
Very Related	16	25%	628	35%
Somewhat Related	26	40%	621	35%
Not Very Related	11	17%	271	15%
Not at All Related	12	18%	264	15%
Total	65	100%	1,784	100%

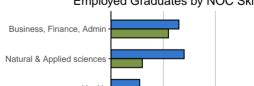
"Under-employment" Assessment:	26.0	0101	UE	BC
Job is very or somewhat related to program	42	65%	1,249	70%
NOC Skill Level = A (University Education)*	35	58%	1,126	67%
*Of total valid responses				

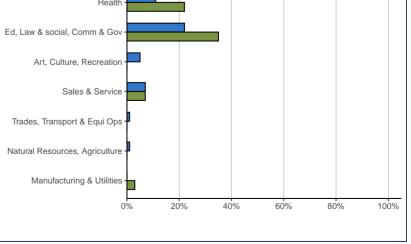
Gross Annual Income from Main Job:*	26.	0101	U	BC
Less than \$20,000	12	26%	112	8%
\$20,000 to \$39,999	~	~	151	11%
\$40,000 to \$59,999	18	38%	321	24%
\$60,000 to \$79,999	8	17%	326	24%
\$80,000 to \$99,999	0	0%	195	14%
\$100,000 and Above	~	~	243	18%
Total	47	100%	1,348	100%
Median Annual Income (full-time) (\$)	50,000		70,000	
Average Annual Income (full-time) (\$)	55,940		79,724	
Where data provided				
Where data provided NOC Skill Type of Main Job:	26.	0101		BC
Where data provided NOC Skill Type of Main Job: Business, finance & administration	26.0 13	22%	429	26%
Where data provided NOC Skill Type of Main Job: Business, finance & administration	26.			
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	26.0 13	22%	429	26%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	26. 13 7	22% 12%	429 459	26% 28%
Where data provided NOC Skill Type of Main Job:	26.0 13 7 13	22% 12% 22%	429 459 183	26% 28% 11%
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	26. 13 7 13 21	22% 12% 22% 35%	429 459 183 361	26% 28% 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 Art, culture, recreation & sport	26.0 13 7 13 21 0	22% 12% 22% 35% 0%	429 459 183 361 87	26% 28% 11% 22% 5%
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	26.0 13 7 13 21 0 4	22% 12% 22% 35% 0% 7%	429 459 183 361 87 118	26% 28% 11% 22% 5% 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	26. 13 7 13 21 0 4 0	22% 12% 22% 35% 0% 7% 0%	429 459 183 361 87 118 11	26% 28% 11% 22% 5% 7% 1%





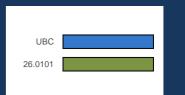
### Employed Graduates by NOC Skill Type





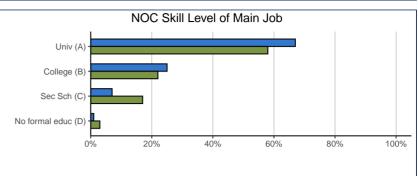
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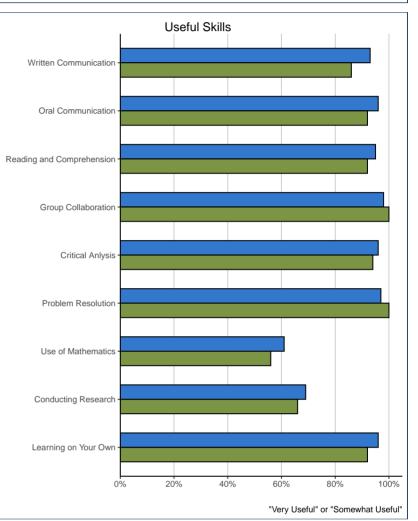
## EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0101		UBC	
A. University education	35	58%	1,126	67%
B. College education/trade apprenticeship	13	22%	415	25%
C. Secondary school + job-specific training	10	17%	121	7%
D. No formal education	2	3%	14	1%
Total	60	100%	1,676	100%



	26.0101					
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	64%	22%	11%	3%	64	
Oral Communication	72%	20%	8%	0%	64	
Reading and Comprehension	76%	16%	8%	0%	63	
Group Collaboration	86%	14%	0%	0%	64	
Critical Anlysis	69%	25%	3%	3%	64	
Problem Resolution	81%	19%	0%	0%	64	
Use of Mathematics	25%	31%	28%	16%	64	
Conducting Research	47%	19%	17%	17%	64	
Learning on Your Own	69%	23%	3%	5%	64	

			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	66%	27%	6%	2%	1,772
Oral Communication	75%	21%	3%	1%	1,774
Reading and Comprehension	70%	25%	4%	1%	1,772
Group Collaboration	78%	20%	3%	0%	1,773
Critical Anlysis	73%	23%	3%	1%	1,771
Problem Resolution	77%	20%	2%	1%	1,766
Use of Mathematics	24%	37%	24%	16%	1,739
Conducting Research	36%	33%	19%	12%	1,744
Learning on Your Own	69%	27%	3%	1%	1,771



# Top 10 Full-time Occupations of 26.0101 Graduates:

Top 10 Full-time Oc	cupations of 26.0101 Gr	aduates:	26.0101
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4012	A	Post-secondary teaching and research assistants	14%
*			
*			
*			
*			
*			
*			
*			
*			
*			

\* Data not displayed where n < 5

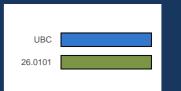
\*\* Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	A	Software engineers and designers	6%
XXXX	0	Unclassified occupations	4%
2174	A	Computer programmers and interactive media developers	3%
4112	A	Lawyers and Quebec notaries	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4012	A	Post-secondary teaching and research assistants	2%
1112	A	Financial and investment analysts	2%
1111	A	Financial auditors and accountants	2%
3131	A	Pharmacists	2%
3012	А	Registered nurses and registered psychiatric nurses	2%
* Data wat diawl	er ve el viste e ve la E		

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed



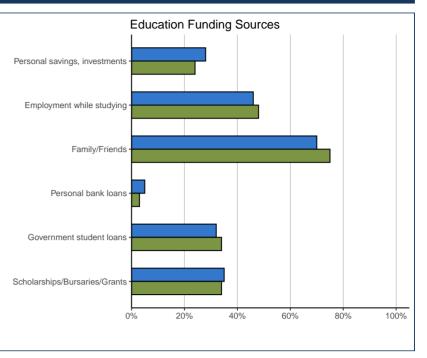


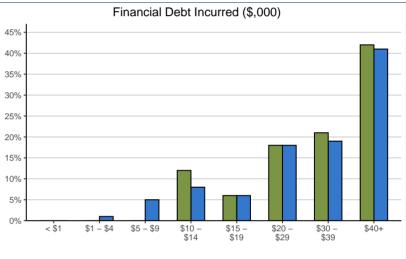
#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	26.0101		U	вС
Personal savings, investments	24	24%	624	28%
Employment while studying	48	48%	1,016	46%
Family/Friends	74	75%	1,541	70%
Personal bank loans	3	3%	116	5%
Government student loans	34	34%	704	32%
Scholarships/Bursaries/Grants	34	34%	771	35%
Other	17	17%	506	23%
Total	99		2,213	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	26.	26.0101		BC
Incurred any form of financial debt	44	44%	915	41%
Incurred government-sponsored student loan debt	37	37%	777	35%
* Percentage of respondents who provided data				

Financial Debt Amount:*	26.	26.0101		UBC	
< \$1,000	0	0%	1	0%	
\$1,000 to \$4,999	0	0%	11	1%	
\$5,000 to \$9,999	0	0%	41	5%	
\$10,000 to \$14,999	4	12%	56	8%	
\$15,000 to \$19,999	2	6%	47	6%	
\$20,000 to \$29,999	6	18%	138	18%	
\$30,000 to \$39,999	7	21%	143	19%	
\$40,000 or More	14	42%	309	41%	
Total	33	100%	746	100%	
Median Financial Debt (\$)	35,000		33,000		



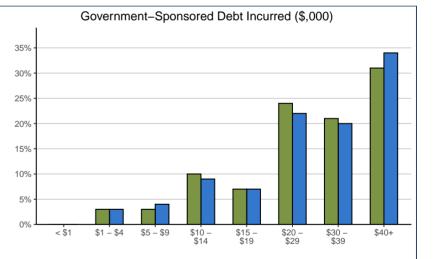


\* Includes only cases where financial debt was incurred

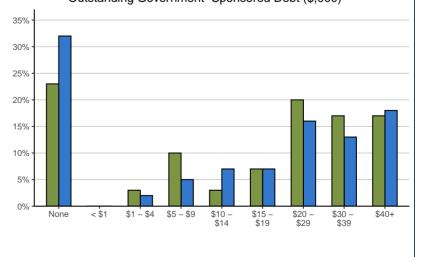
Gov't-Sponsored Student Loan Debt Amount:*	26.0	26.0101		UBC	
< \$1,000	0	0%	1	0%	
\$1,000 to \$4,999	1	3%	17	3%	
\$5,000 to \$9,999	1	3%	25	4%	
\$10,000 to \$14,999	3	10%	51	9%	
\$15,000 to \$19,999	2	7%	43	7%	
\$20,000 to \$29,999	7	24%	130	22%	
\$30,000 to \$39,999	6	21%	119	20%	
\$40,000 or More	9	31%	199	34%	
Total	29	100%	585	100%	
Median Gov't-Sponsored Loan Debt (\$)	30,000		30,000		

\* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	26.0101 UBC		BC	
None – Loan repaid in full	7	23%	206	32%
< \$1,000	0	0%	1	0%
\$1,000 to \$4,999	1	3%	15	2%
\$5,000 to \$9,999	3	10%	35	5%
\$10,000 to \$14,999	1	3%	42	7%
\$15,000 to \$19,999	2	7%	42	7%
\$20,000 to \$29,999	6	20%	103	16%
\$30,000 to \$39,999	5	17%	81	13%
\$40,000 or More	5	17%	119	18%
Total	30	100%	644	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	25,000		28,000	



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