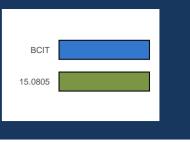
### B.C. Baccalaureate Outcomes

### 2023 Survey of 2021 Baccalaureate Graduates

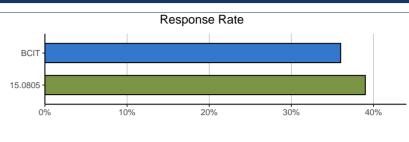
### ☑ BC Student □ Outcomes

Detailed Summary of Survey Results British Columbia Institute of Technology 15.0805: Mechanical engineering/mechanical technology/technician



RESPONSE RATE

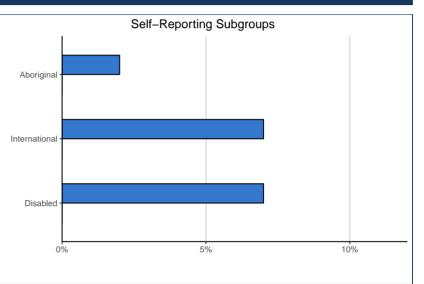
Survey Response Rate:	15	15.0805		CIT
Baccalaureate Graduates Survey Cohort	31	100%	875	100%
Survey Respondents and Response Rate	12	39%	319	36%



#### DEMOGRAPHIC INFORMATION

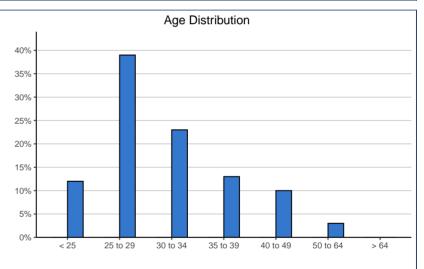
Self-Reporting Subgroups:	15.0805		BCIT	
Disabled	~	~	22	7%
International	0	0%	22	7%
Aboriginal	0	0%	5	2%

Gender:*	15.0805		BCIT	
Male	12	100%	180	56%
Female	0	0%	139	44%
Total	12	100%	319	100%

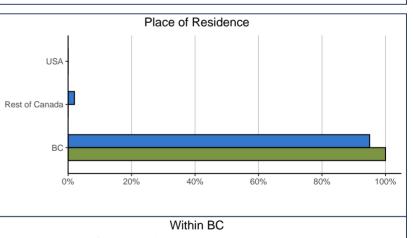


\*Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

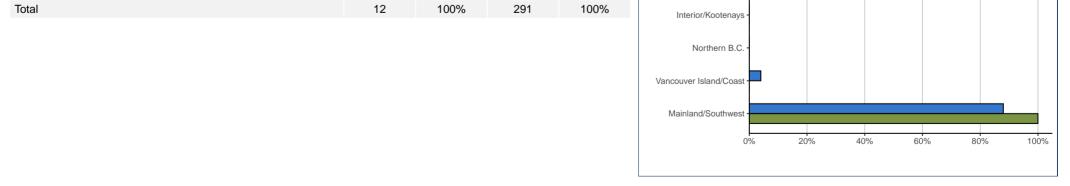
Age (at time of survey):	15.0805		BCIT	
< 25	~	~	37	12%
25 to 29	~	~	126	39%
30 to 34	~	~	73	23%
35 to 39	~	~	41	13%
40 to 49	0	0%	31	10%
50 to 64	0	0%	11	3%
> 64	0	0%	0	0%
Total	12	100%	319	100%
Median Age	26		29	
Average (mean) Age	29		31	



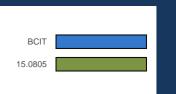
Place of Residence (at time of survey):	15.0805		BCIT	
BC – Mainland/Southwest	12	100%	255	88%
BC – Vancouver Island/Coast	0	0%	13	4%
BC – Northern B.C.	0	0%	~	~
BC – Interior/Kootenays	0	0%	~	~
BC Subtotal	12	100%	277	95%
Canada – Alberta	0	0%	7	2%
Canada – Ontario	0	0%	~	~
Canada – Other	0	0%	~	~
U.S.A.	0	0%	0	0%
Non–BC Subtotal	0	0%	14	5%



1



Detailed Summary of Survey Results British Columbia Institute of Technology 15.0805: Mechanical engineering/mechanical technology/technician

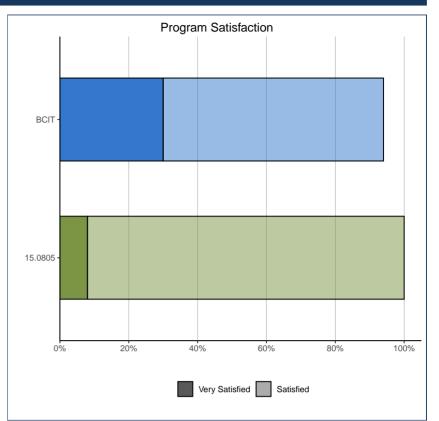


#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.0805		BCIT	
Very Satisfied	1	8%	93	30%
Satisfied	11	92%	201	64%
Dissatisfied	0	0%	13	4%
Very Dissatisfied	0	0%	8	3%
Total	12	100%	315	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.0805		BCIT	
Very Useful	5	42%	152	51%
Somewhat Useful	7	58%	120	40%
Not Very Useful	0	0%	18	6%
Not at All Useful	0	0%	7	2%
Total	12	100%	297	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.0	15.0805		ВСІТ	
Yes	4	33%	41	13%	
No	8	67%	266	87%	



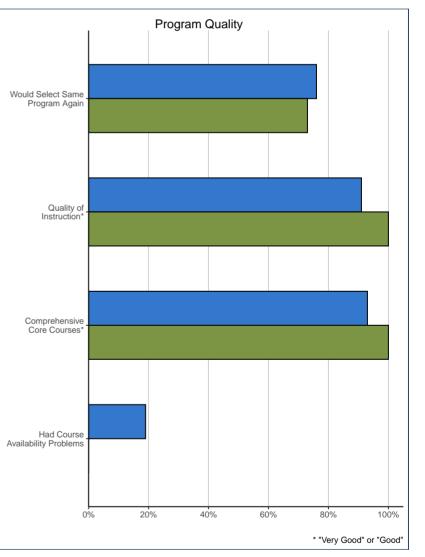
Would select the same program again:	15.0805		BCIT	
Yes	8	73%	220	76%
No	3	27%	69	24%

Quality of Instruction:	15.0805		BCIT	
Very Good	1	8%	74	23%
Good	11	92%	215	68%
Poor	0	0%	23	7%
Very Poor	0	0%	5	2%
Total	12	100%	317	100%

Comprehensiveness of Core Courses:	15.0805		BCIT	
Very Good	3	25%	89	28%
Good	9	75%	206	65%
Poor	0	0%	17	5%
Very Poor	0	0%	3	1%
Total	12	100%	315	100%

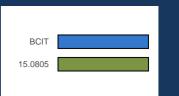
Course Availability:	15.0805		BCIT	
Encountered course availability problems	0	0%	58	19%

Financial Constraints:	15.0805		BC	CIT
Had to interrupt studies for financial reasons	0	0%	24	8%
Had to take program part-time for financial reasons	0	0%	59	19%



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

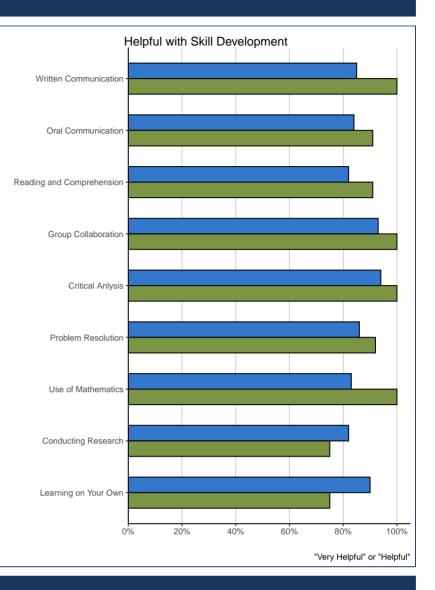
Detailed Summary of Survey Results British Columbia Institute of Technology <u>15.0805: Mechan</u>ical engineering/mechanical technology/technician



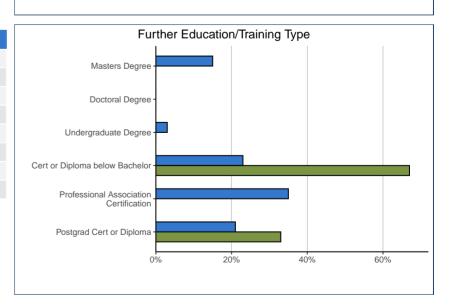
#### SKILL DEVELOPMENT

		15.0805				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	42%	58%	0%	0%	12	
Oral Communication	27%	64%	9%	0%	11	
Reading and Comprehension	36%	55%	9%	0%	11	
Group Collaboration	75%	25%	0%	0%	12	
Critical Anlysis	58%	42%	0%	0%	12	
Problem Resolution	42%	50%	0%	8%	12	
Use of Mathematics	75%	25%	0%	0%	12	
Conducting Research	42%	33%	17%	8%	12	
Learning on Your Own	33%	42%	17%	8%	12	

			BCIT		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	58%	12%	3%	303
Oral Communication	27%	57%	16%	0%	303
Reading and Comprehension	24%	58%	16%	2%	299
Group Collaboration	49%	44%	6%	1%	310
Critical Anlysis	39%	55%	5%	1%	315
Problem Resolution	31%	55%	12%	1%	306
Use of Mathematics	29%	54%	14%	3%	272
Conducting Research	28%	54%	14%	4%	304
Learning on Your Own	40%	50%	7%	3%	309



Have you taken further education since graduation?



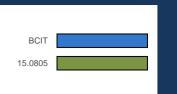
#### FURTHER EDUCATION

15.0805		BCIT	
3	25%	84	26%
3	25%	51	16%
0	0%	10	3%
0	0%	22	7%
9	75%	233	74%
12	100%	317	100%
	3 3 0 0 9	3         25%           3         25%           0         0%           0         0%           9         75%	3         25%         84           3         25%         51           0         0%         10           0         0%         22           9         75%         233

Type of Formal Post-Secondary Education:	15.0805		BCIT	
Masters Degree	0	0%	12	15%
Doctoral Degree	0	0%	0	0%
Another Undergraduate Degree	0	0%	2	3%
Certificate or Diploma below Bachelor level	2	67%	18	23%
Professional Association Certification	0	0%	28	35%
Postgraduate Certificate or Diploma	1	33%	17	21%

		•	0070	••	2170
Othe	er	0	0%	3	4%
Tota	al	3	100%	80	100%

Detailed Summary of Survey Results British Columbia Institute of Technology 15.0805: Mechanical engineering/mechanical technology/technician



#### EMPLOYMENT

13

4.2%

Labour Fource Status:	15.0	15.0805		CIT
In Labour Force (working or seeking work)	12	100%	310	98%
Not in Labour Force	0	0%	7	2%
Total	12	100%	317	100%
Employment:	15.0805		BC	CIT
Employment Rate*	12	100%	297	93%

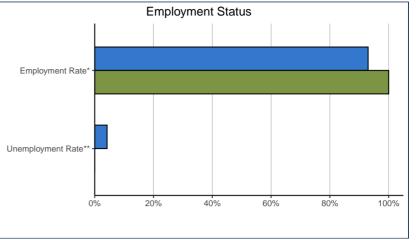
0

0.0%

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:	15.0805		B	СІТ
Attending School FT	0	0%	3	43%
Attending School PT	0	0%	0	0%
Other	0	0%	4	57%
Total NOT in Labour Force	0	0%	7	100%

Primary Employment Type:	15.0805		B	CIT
Paid worker	11	92%	285	96%
Self-employed	1	8%	12	4%
Total	12	100%	297	100%

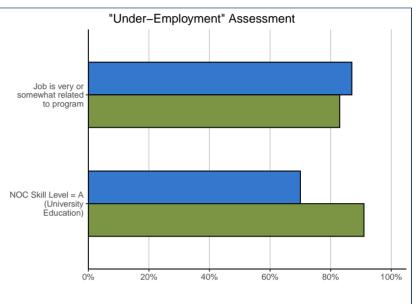
Job Characteristics:	15.0	15.0805		CIT
I hold more than one job*	0	0%	34	11%
My main job is full-time (>= 30 hours per week)**	12	100%	278	97%
*Of total Employed				

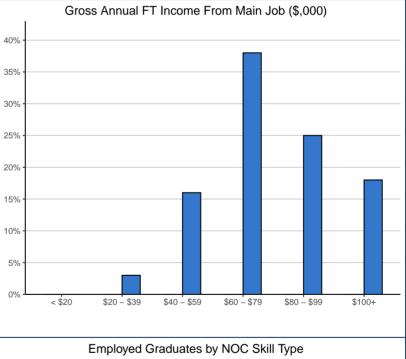


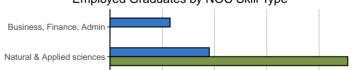
How related is your main job to your program?	15.0805		BCIT	
Very Related	7	58%	171	58%
Somewhat Related	3	25%	88	30%
Not Very Related	2	17%	24	8%
Not at All Related	0	0%	14	5%
Total	12	100%	297	100%

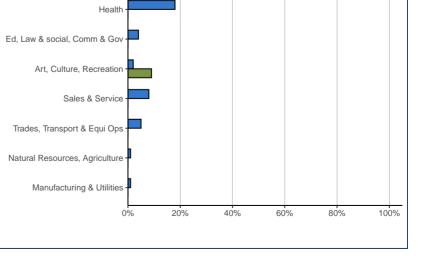
"Under-employment" Assessment:	15.0805		BC	CIT
Job is very or somewhat related to program	10	83%	259	87%
NOC Skill Level = A (University Education)*	10	91%	196	70%
*Of total valid responses				

Gross Annual Income from Main Job:*	15.	15.0805		BCIT	
Less than \$20,000	0	0%	0	0%	
\$20,000 to \$39,999	0	0%	7	3%	
\$40,000 to \$59,999	~	~	36	16%	
\$60,000 to \$79,999	~	~	87	38%	
\$80,000 to \$99,999	~	~	58	25%	
\$100,000 and Above	~	~	40	18%	
Total	11	100%	228	100%	
Median Annual Income (full-time) (\$)	80,018		75,000		
Average Annual Income (full–time) (\$)	84.039	84,039			
Where data provided	- ,		83,492		
-	,				
-		0805		СІТ	
Where data provided NOC Skill Type of Main Job: Business, finance & administration	15.u 0	0%	BC 65	23%	
Where data provided NOC Skill Type of Main Job:	15.		B		
Where data provided NOC Skill Type of Main Job: Business, finance & administration	15.u 0	0%	BC 65	23%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	15. 0 10	0% 91%	BC 65 107	23% 38%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	15. 0 10 0	0% 91% 0%	BC 65 107 51	23% 38% 18%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	15.0 0 10 0 0	0% 91% 0% 0%	BC 65 107 51 10	23% 38% 18% 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	15. 0 10 0 0 1	0% 91% 0% 0% 9%	BC 65 107 51 10 6	23% 38% 18% 4% 2%	
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	15. 0 10 0 0 1 1 0	0% 91% 0% 9% 0%	BC 65 107 51 10 6 21	23% 38% 18% 4% 2% 8%	
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	15. 0 10 0 0 1 1 0 0	0% 91% 0% 9% 0% 0%	BC 65 107 51 10 6 21 14	23% 38% 18% 4% 2% 8% 5%	







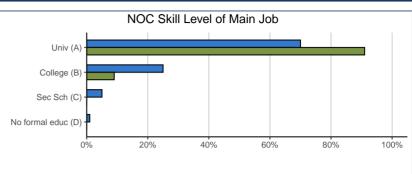


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Detailed Summary of Survey Results British Columbia Institute of Technology 15.0805: Mechanical engineering/mechanical technology/technician BCIT \_\_\_\_\_\_

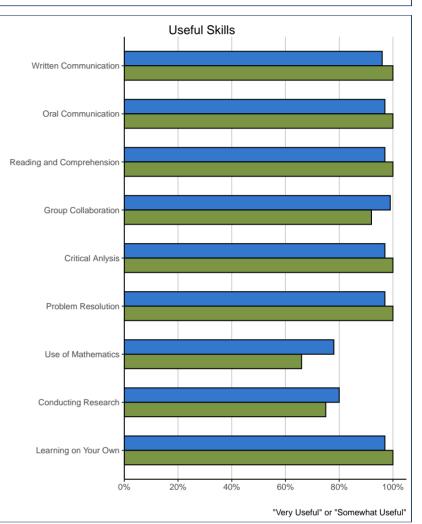
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.	0805	BCIT	
A. University education	10	91%	196	70%
B. College education/trade apprenticeship	1	9%	70	25%
C. Secondary school + job-specific training	0	0%	13	5%
D. No formal education	0	0%	3	1%
Total	11	100%	282	100%



			45 0005		
			15.0805		
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	75%	25%	0%	0%	12
Oral Communication	83%	17%	0%	0%	12
Reading and Comprehension	83%	17%	0%	0%	12
Group Collaboration	75%	17%	8%	0%	12
Critical Anlysis	100%	0%	0%	0%	12
Problem Resolution	92%	8%	0%	0%	12
Use of Mathematics	33%	33%	33%	0%	12
Conducting Research	42%	33%	17%	8%	12
Learning on Your Own	83%	17%	0%	0%	12

	BCIT				
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	72%	24%	3%	2%	296
Oral Communication	77%	20%	2%	1%	296
Reading and Comprehension	73%	24%	2%	1%	296
Group Collaboration	78%	21%	1%	1%	295
Critical Anlysis	81%	16%	2%	1%	296
Problem Resolution	82%	15%	2%	1%	296
Use of Mathematics	34%	44%	14%	8%	289
Conducting Research	37%	43%	14%	5%	294
Learning on Your Own	66%	31%	1%	2%	296



Top 10 Full-tin	ne Occupations of 15.0805 (	iraduates:	15.0805
NOC	NOC Skill Level	Description	% Employed FT in this Occ
2132	A	Mechanical engineers	58%
*			
*			
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*			
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*			
*			
*			
* Data not display	ad whata p		

\* Data not displayed where n < 5</p>

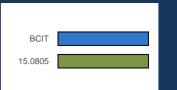
\*\* Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	13%
1111	A	Financial auditors and accountants	7%
0711	A	Construction managers	3%
2131	A	Civil engineers	3%
2263	В	Inspectors in public and environmental health and occupational health and safety	3%
2171	А	Information systems analysts and consultants	3%
XXXX	0	Unclassified occupations	3%
0213	A	Computer and information systems managers	3%
2133	A	Electrical and electronics engineers	3%
2132	A	Mechanical engineers	2%

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

Detailed Summary of Survey Results British Columbia Institute of Technology 15.0805: Mechanical engineering/mechanical technology/technician

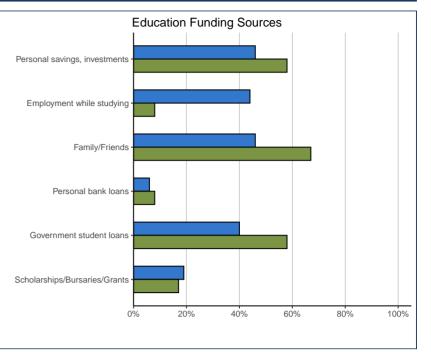


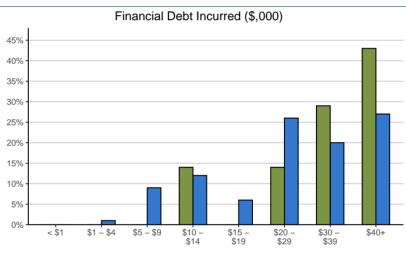
#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	burces allowed):* 15.0805		BCIT	
Personal savings, investments	7	58%	145	46%
Employment while studying	1	8%	138	44%
Family/Friends	8	67%	145	46%
Personal bank loans	1	8%	19	6%
Government student loans	7	58%	124	40%
Scholarships/Bursaries/Grants	2	17%	58	19%
Other	0	0%	51	16%
Total	12		313	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	15.	15.0805		TIC
Incurred any form of financial debt	7	7 58%		48%
Incurred government-sponsored student loan debt	7	58%	133	42%
* Percentage of respondents who provided data				

Financial Debt Amount:*	15.0805		BCIT	
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	1	1%
\$5,000 to \$9,999	0	0%	10	9%
\$10,000 to \$14,999	1	14%	14	12%
\$15,000 to \$19,999	0	0%	7	6%
\$20,000 to \$29,999	1	14%	30	26%
\$30,000 to \$39,999	2	29%	23	20%
\$40,000 or More	3	43%	31	27%
Total	7	100%	116	100%
Median Financial Debt (\$)	30,000		27,500	





Includes only cases where financial debt was incurred

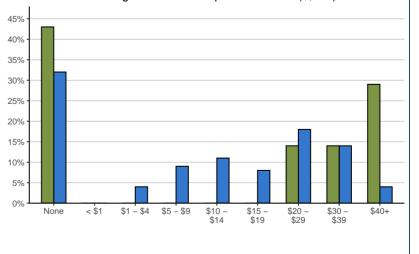
Gov't-Sponsored Student Loan Debt Amount:*	15.	15.0805		BCIT	
< \$1,000	0	0%	0	0%	
\$1,000 to \$4,999	1	17%	4	4%	
\$5,000 to \$9,999	0	0%	5	5%	
\$10,000 to \$14,999	0	0%	15	16%	
\$15,000 to \$19,999	0	0%	9	10%	
\$20,000 to \$29,999	0	0%	21	23%	
\$30,000 to \$39,999	2	33%	20	22%	
\$40,000 or More	3	50%	18	20%	
Total	6	100%	92	100%	
Median Gov't-Sponsored Loan Debt (\$)	36,000		24,500		

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

Gov't-Sponsored Loan Debt Outstanding:*	15.0	15.0805		CIT
None – Loan repaid in full	3	43%	35	32%
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	4	4%
\$5,000 to \$9,999	0	0%	10	9%
\$10,000 to \$14,999	0	0%	12	11%
\$15,000 to \$19,999	0	0%	9	8%
\$20,000 to \$29,999	1	14%	19	18%
\$30,000 to \$39,999	1	14%	15	14%
\$40,000 or More	2	29%	4	4%
Total	7	100%	108	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	39,000		20,000	

Government–Sponsored Debt Incurred (\$,000) 50% 40% 40% 20% 20% 10% (\$,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