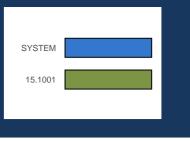
# B.C. Baccalaureate Outcomes

# 2023 Survey of 2021 Baccalaureate Graduates

# ☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions 15.1001: Construction engineering technology/technician



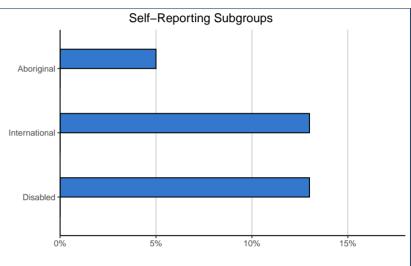
RESPONSE RATE										
Survey Response Rate:	15.	1001	SYS	ТЕМ			Response	Rate		
Baccalaureate Graduates Survey Cohort	50	100%	25,962	100%	SYSTEM -					
Survey Respondents and Response Rate	19	38%	8,603	33%	OTOTEM					
					15.1001 -					
					0%	1(	0% 20	0% 30	)%	40%



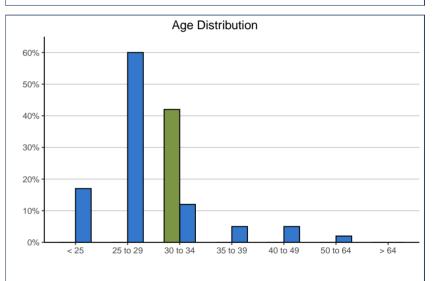
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Self-Reporting Subgroups:	15.′	1001	SYSTEM	
Disabled	0	0%	1,079	13%
International	~	~	1,153	13%
Aboriginal	0	0%	330	5%

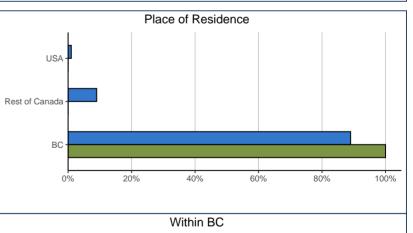
Gender:*	15.1001		SYSTEM		
Male	11	58%	3,534	41%	
Female	8	42%	5,051	59%	
Total	19	100%	8,585	100%	
Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.					



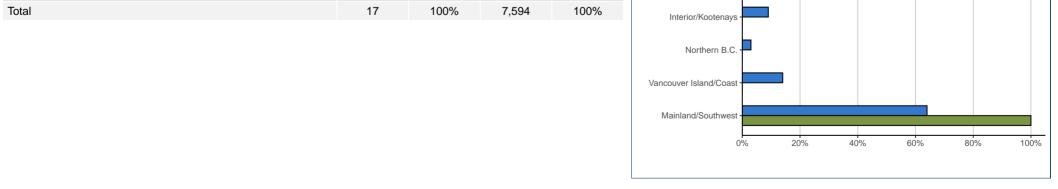
Age (at time of survey):	15.1001		SYS	TEM
< 25	~	~	1,417	17%
25 to 29	~	~	5,150	60%
30 to 34	8	42%	994	12%
35 to 39	~	~	417	5%
40 to 49	~	~	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	19	100%	8,586	100%
Median Age	34		26	
Average (mean) Age	34		28	



			01/0	
Place of Residence (at time of survey):	15.	1001	SYSTEM	
BC – Mainland/Southwest	17	100%	4,824	64%
BC – Vancouver Island/Coast	0	0%	1,065	14%
BC – Northern B.C.	0	0%	225	3%
BC – Interior/Kootenays	0	0%	673	9%
BC Subtotal	17	100%	6,787	89%
Canada – Alberta	0	0%	328	4%
Canada – Ontario	0	0%	239	3%
Canada – Other	0	0%	165	2%
U.S.A.	0	0%	75	1%
Non-BC Subtotal	0	0%	807	11%



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# ☑ BC Student ☑ Outcomes

# Detailed Summary of Survey Results All Institutions 15.1001: Construction engineering technology/technician

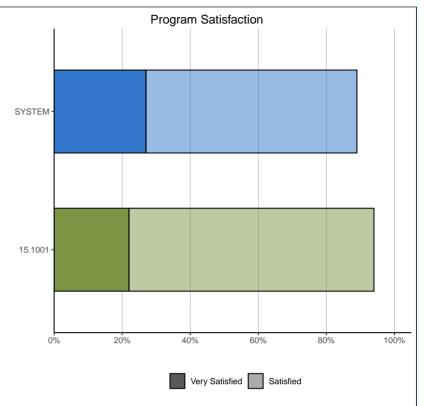
SYSTEM	
15.1001	

# EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	15.1001 SYST		TEM	
Very Satisfied	4	22%	2,262	27%
Satisfied	13	72%	5,296	62%
Dissatisfied	1	6%	740	9%
Very Dissatisfied	0	0%	184	2%
Total	18	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	15.1001		SYS	ТЕМ
Very Useful	11	61%	2,704	39%
Somewhat Useful	3	17%	3,247	46%
Not Very Useful	3	17%	814	12%
Not at All Useful	1	6%	250	4%
Total	18	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	15.1001		SYSTEM	
Yes	5	29%	818	10%
No	12	71%	7,545	90%



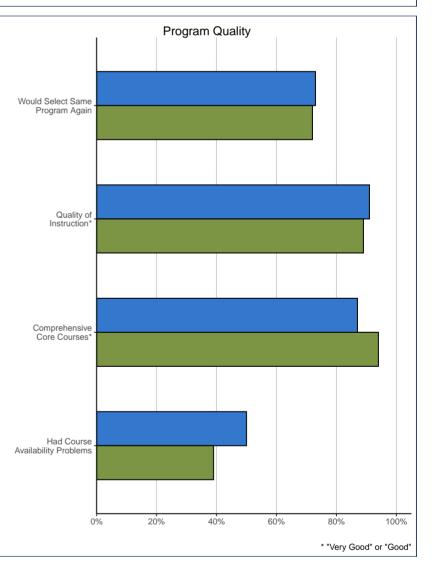
Would select the same program again:	15.1	15.1001		ТЕМ
Yes	13	72%	5,501	73%
No	5	28%	2,019	27%

Quality of Instruction:	15.1001		SYS	TEM
Very Good	5	26%	2,328	27%
Good	12	63%	5,423	64%
Poor	2	11%	649	8%
Very Poor	0	0%	131	2%
Total	19	100%	8,531	100%

Comprehensiveness of Core Courses:	15.1001		SYS	ТЕМ
Very Good	8	44%	2,206	26%
Good	9	50%	5,161	61%
Poor	1	6%	862	10%
Very Poor	0	0%	171	2%
Total	18	100%	8,400	100%

Course Availability:	15.1001		SYS	ТЕМ
Encountered course availability problems	7	39%	4,193	50%

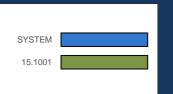
Financial Constraints:	15.1001		SYSTEM	
Had to interrupt studies for financial reasons	1	6%	926	11%
Had to take program part-time for financial reasons	6	33%	1,545	18%



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

# ☑ BC Student □ Outcomes

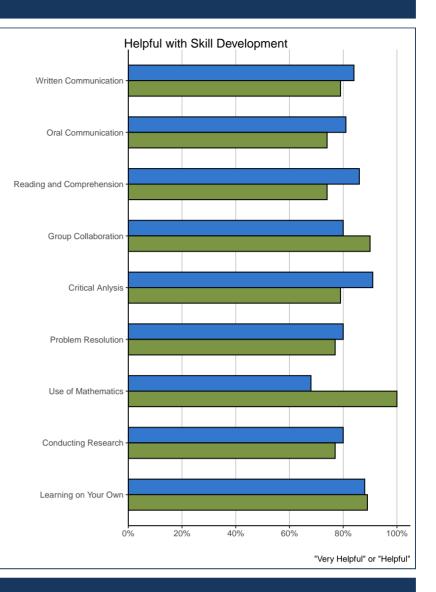
# Detailed Summary of Survey Results All Institutions 15.1001: Construction engineering technology/technician



# SKILL DEVELOPMENT

			15.1001		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	32%	47%	11%	11%	19
Oral Communication	16%	58%	26%	0%	19
Reading and Comprehension	16%	58%	21%	5%	19
Group Collaboration	32%	58%	11%	0%	19
Critical Anlysis	32%	47%	21%	0%	19
Problem Resolution	33%	44%	22%	0%	18
Use of Mathematics	33%	67%	0%	0%	9
Conducting Research	18%	59%	18%	6%	17
Learning on Your Own	42%	47%	5%	5%	19

		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	



# Have you taken further education since graduation?



### FURTHER EDUCATION

SYSTEM

33%

4%

20%

14%

15%

1,184

153

718

510

538

Took further education since 2021 graduation:	15.1	15.1001		ТЕМ
Yes	4	22%	3,668	43%
Not currently enrolled	2	11%	1,580	19%
Currently enrolled full-time	1	6%	1,472	17%
Currently enrolled part-time	1	6%	565	7%
No	14	78%	4,870	57%
Total	18	100%	8,538	100%

15.1001

1

0

1

1

0

33%

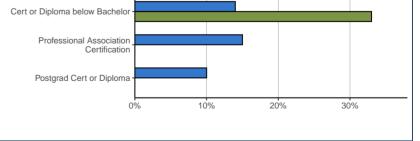
0%

33%

33%

0%

Postgraduate Certificate or Diploma	0	0%	359	10%
Other	0	0%	162	4%
Total	3	100%	3,624	100%



Type of Formal Post–Secondary Education:

Certificate or Diploma below Bachelor level

Professional Association Certification

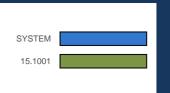
Masters Degree

**Doctoral Degree** 

Another Undergraduate Degree

# ☑ BC Student ☑ Outcomes

# Detailed Summary of Survey Results All Institutions 15.1001: Construction engineering technology/technician

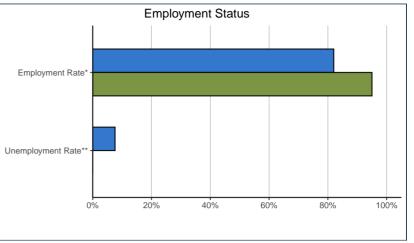


### EMPLOYMENT

Labour Fource Status:	15.1001		1001 SYSTEM		
In Labour Force (working or seeking work)	18	95%	7,643	90%	
Not in Labour Force	1	5%	803	10%	
Total	19	100%	8,446	100%	
Employment:	15.1001		15.1001 SYSTEM		TEM

Employment:15.101SYSTEMEmployment Rate\*1895%7,06282%Unemployment Rate\*\*00.0%5817.6%\*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:	15.1001		SYS	TEM
Attending School FT	1	100%	565	70%
Attending School PT	0	0%	20	2%
Other	0	0%	218	27%
Total NOT in Labour Force	1	100%	803	100%

Primary Employment Type:	15.1001		SYS	ТЕМ
Paid worker	15	83%	6,623	94%
Self-employed	3	17%	412	6%
Total	18	100%	7,035	100%

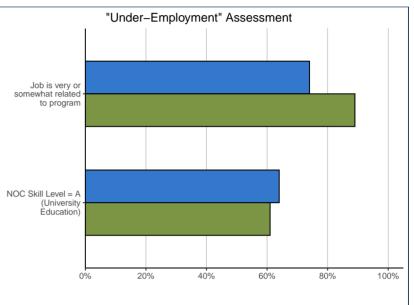
Job Characteristics:	15.1001		SYS	ТЕМ
I hold more than one job*	4	22%	1,243	18%
My main job is full-time (>= 30 hours per week)**	17	100%	5,922	89%
*Of total Employed				

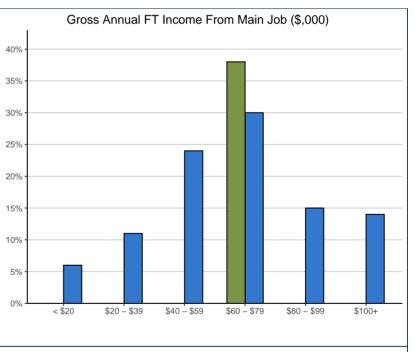
\*\*Of those who provided data on hours/week worked

How related is your main job to your program?	15.1001		SYSTEM	
Very Related	10	56%	3,081	44%
Somewhat Related	6	33%	2,151	31%
Not Very Related	2	11%	901	13%
Not at All Related	0	0%	910	13%
Total	18	100%	7,043	100%

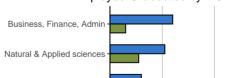
"Under-employment" Assessment:	15.1001		15.1001 SY		SYS	ТЕМ
Job is very or somewhat related to program	16	89%	5,232	74%		
NOC Skill Level = A (University Education)*	11	61%	4,148	64%		
*Of total valid responses						

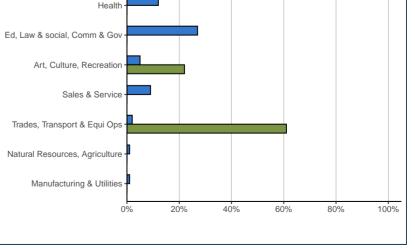
Gross Annual Income from Main Job:*	15.1	15.1001		SYSTEM	
Less than \$20,000	0	0%	310	6%	
\$20,000 to \$39,999	~	~	593	11%	
\$40,000 to \$59,999	0	0%	1,303	24%	
\$60,000 to \$79,999	5	38%	1,609	30%	
\$80,000 to \$99,999	~	~	805	15%	
\$100,000 and Above	~	~	729	14%	
Total	13	100%	5,349	100%	
Median Annual Income (full-time) (\$)	80,000		68,000		
	00 700		74,015		
Average Annual Income (full-time) (\$) Where data provided	90,723				
		1001	SYS	ТЕМ	
Where data provided NOC Skill Type of Main Job:		1001 6%		TEM 24%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration	15.1		SYS		
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	15. <sup>4</sup>	6%	SYS 1,558	24%	
Where data provided	15.1 1 2	6% 11%	SYS 1,558 1,354	24% 21%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	15.1 1 2 0	6% 11% 0%	SYS 1,558 1,354 761	24% 21% 12%	
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	15.* 1 2 0 0	6% 11% 0% 0%	SYS 1,558 1,354 761 1,787	24% 21% 12% 27%	
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	15.1 1 2 0 0 0 4	6% 11% 0% 0% 22%	SYS 1,558 1,354 761 1,787 296	24% 21% 12% 27% 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	15.* 1 2 0 0 4 0	6% 11% 0% 0% 22% 0%	SYS 1,558 1,354 761 1,787 296 559	24% 21% 12% 27% 5% 9%	
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	15.1 1 2 0 0 4 0 11	6% 11% 0% 22% 0% 61%	SYS 1,558 1,354 761 1,787 296 559 114	24% 21% 12% 27% 5% 9% 2%	





# Employed Graduates by NOC Skill Type

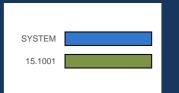




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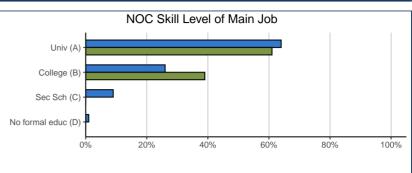
# ☑ BC Student ☑ Outcomes

# Detailed Summary of Survey Results All Institutions 15.1001: Construction engineering technology/technician



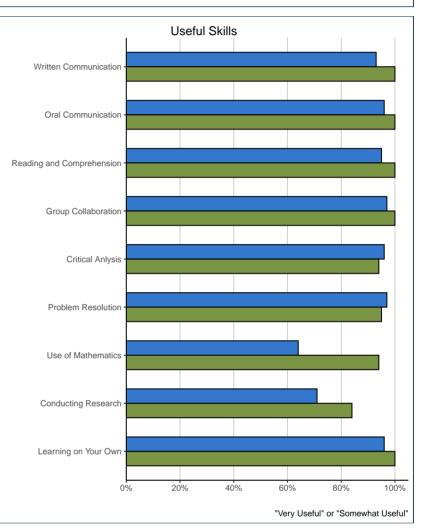
# EMPLOYMENT, continued

NOC Skill Level of Main Job:	15.1001 SYSTEM		ТЕМ	
A. University education	11	61%	4,148	64%
B. College education/trade apprenticeship	7	39%	1,713	26%
C. Secondary school + job-specific training	0	0%	564	9%
D. No formal education	0	0%	90	1%
Total	18	100%	6,515	100%



		15.1001				
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	67%	33%	0%	0%	18	
Oral Communication	72%	28%	0%	0%	18	
Reading and Comprehension	72%	28%	0%	0%	18	
Group Collaboration	83%	17%	0%	0%	18	
Critical Anlysis	72%	22%	6%	0%	18	
Problem Resolution	67%	28%	6%	0%	18	
Use of Mathematics	47%	47%	0%	6%	17	
Conducting Research	28%	56%	17%	0%	18	
Learning on Your Own	61%	39%	0%	0%	18	

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	71%	22%	4%	2%	7,014
Oral Communication	78%	18%	2%	1%	7,014
Reading and Comprehension	72%	23%	4%	1%	7,014
Group Collaboration	79%	18%	2%	1%	7,016
Critical Anlysis	76%	20%	3%	1%	7,016
Problem Resolution	80%	17%	2%	1%	7,013
Use of Mathematics	27%	37%	22%	14%	6,834
Conducting Research	37%	34%	17%	11%	6,904
Learning on Your Own	70%	26%	3%	2%	6,997



Top 10 Full-time Oc	cupations of 15.1001 Gr	raduates:	15.1001
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
0711	A	Construction managers	50%
*			
*			
*			
*			
*			
*			
*			
*			
*			
* Data not displayed wh	ere $n < 5$		

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

•	•		
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	A	Secondary school teachers	2%
*			

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

# ☑ BC Student □ Outcomes

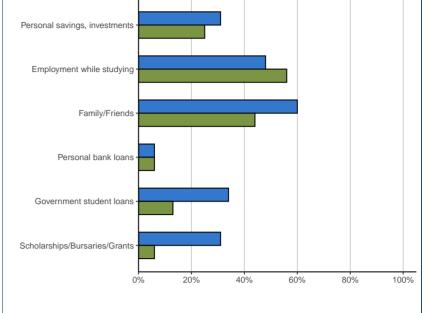
# Detailed Summary of Survey Results All Institutions 15.1001: Construction engineering technology/technician

SYSTEM	
15.1001	

### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	15.	15.1001		ТЕМ
Personal savings, investments	4	25%	2,643	31%
Employment while studying	9	56%	4,042	48%
Family/Friends	7	44%	5,041	60%
Personal bank loans	1	6%	535	6%
Government student loans	2	13%	2,834	34%
Scholarships/Bursaries/Grants	1	6%	2,631	31%
Other	4	25%	1,990	24%
Total	16		8,391	
* Percentage of respondents who identified this source				

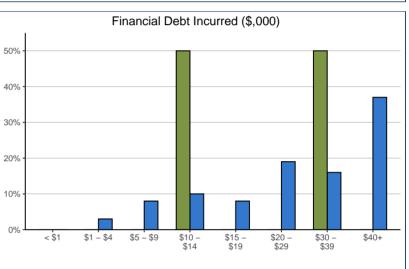
Financial Debt Incurred to Finance Bac. Ed.:*	15.1001		SYSTEM	
Incurred any form of financial debt	3	18%	3,736	44%
Incurred government-sponsored student loan debt	3	17%	3,105	37%
* Percentage of respondents who provided data				



Education Funding Sources

Financial Debt Amount:\* 15.1001 SYSTEM < \$1,000 0 0% 4 0% \$1,000 to \$4,999 0 0% 85 3% 219 \$5,000 to \$9,999 0 0% 8% \$10,000 to \$14,999 50% 298 10% 1 \$15,000 to \$19,999 0 0% 233 8% \$20,000 to \$29,999 0 0% 545 19% \$30,000 to \$39,999 1 50% 455 16% \$40,000 or More 0 0% 1,064 37% 2 100% Total 2,903 100% Median Financial Debt (\$) 30,000

20,000

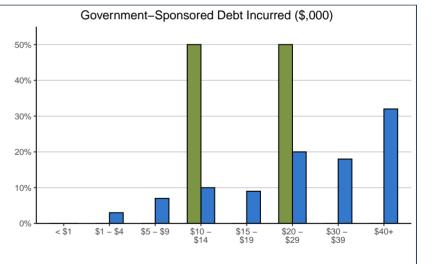


\* Includes only cases where financial debt was incurred

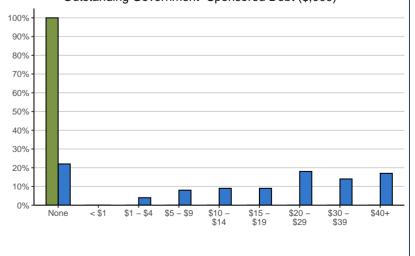
Gov't-Sponsored Student Loan Debt Amount:*	15. <sup>-</sup>	15.1001		TEM
< \$1,000	0	0%	6	0%
\$1,000 to \$4,999	0	0%	66	3%
\$5,000 to \$9,999	0	0%	156	7%
\$10,000 to \$14,999	1	50%	219	10%
\$15,000 to \$19,999	0	0%	189	9%
\$20,000 to \$29,999	1	50%	424	20%
\$30,000 to \$39,999	0	0%	394	18%
\$40,000 or More	0	0%	687	32%
Total	2	100%	2,141	100%
Median Gov't-Sponsored Loan Debt (\$)	15,000		30,000	

Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	15	15.1001		ТЕМ
None – Loan repaid in full	3	100%	524	22%
< \$1,000	0	0%	9	0%
\$1,000 to \$4,999	0	0%	103	4%
\$5,000 to \$9,999	0	0%	189	8%
\$10,000 to \$14,999	0	0%	213	9%
\$15,000 to \$19,999	0	0%	208	9%
\$20,000 to \$29,999	0	0%	447	18%
\$30,000 to \$39,999	0	0%	330	14%
\$40,000 or More	0	0%	406	17%
Total	3	100%	2,429	100%
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	NA		24,000	



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