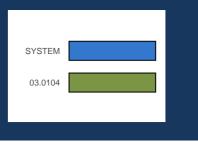
## B.C. Baccalaureate Outcomes

# 2023 Survey of 2021 Baccalaureate Graduates

# ☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions 03.0104: Environmental science



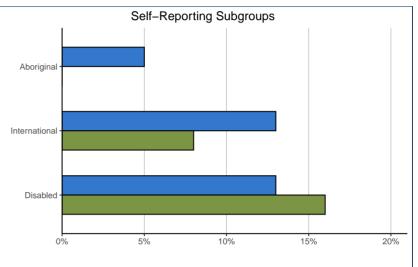
	RATE					
Survey Response Rate:	03.0	0104	SYS	TEM	Response Rate	
Baccalaureate Graduates Survey Cohort	170	100%	25,962	100%	SYSTEM -	
Survey Respondents and Response Rate	78	46%	8,603	33%		
					03.0104 -	
					0% 10% 20%	30% 40%

### DEMOGRAPHIC INFORMATION

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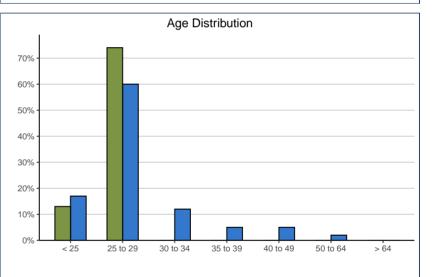
Self-Reporting Subgroups:	03.0104		SYSTEM	
Disabled	12	16%	1,079	13%
International	6	8%	1,153	13%
Aboriginal	~	~	330	5%

Gender:*	03.	03.0104		TEM
Male	34	44%	3,534	41%
Female	44	56%	5,051	59%
Total	78	100%	8,585	100%

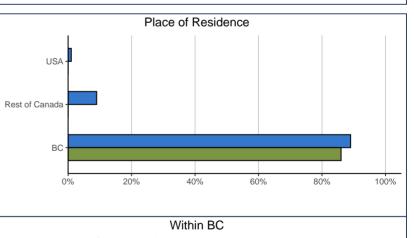


'Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

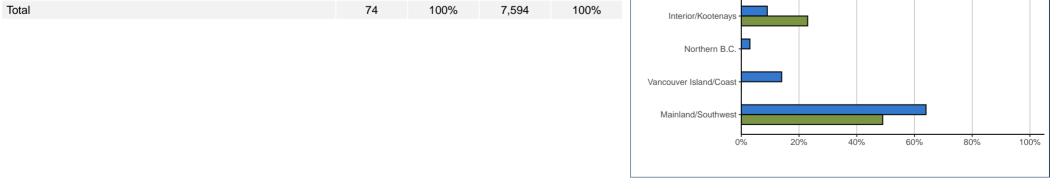
Age (at time of survey):	03.0104		SYSTEM	
< 25	10	13%	1,417	17%
25 to 29	58	74%	5,150	60%
30 to 34	~	~	994	12%
35 to 39	~	~	417	5%
40 to 49	0	0%	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	78	100%	8,586	100%
Median Age	26		26	
Average (mean) Age	27		28	



Place of Decidence (of time of common):	00	0404	OVOTEM	
Place of Residence (at time of survey):	03.	0104	SYSTEM	
BC – Mainland/Southwest	36	49%	4,824	64%
BC – Vancouver Island/Coast	~	~	1,065	14%
BC – Northern B.C.	~	~	225	3%
BC – Interior/Kootenays	17	23%	673	9%
BC Subtotal	64	86%	6,787	89%
Canada – Alberta	~	~	328	4%
Canada – Ontario	~	~	239	3%
Canada – Other	~	~	165	2%
U.S.A.	~	~	75	1%
Non-BC Subtotal	10	14%	807	11%



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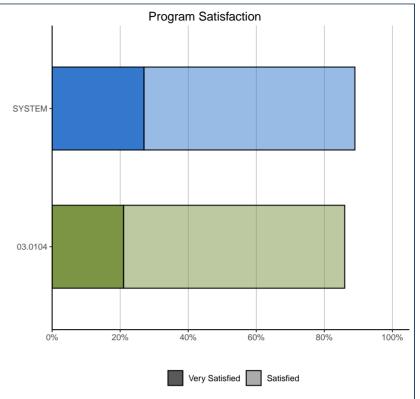
Detailed Summary of Survey Results All Institutions 03.0104: Environmental science SYSTEM 03.0104

#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	03.0104		SYSTEM	
Very Satisfied	16	21%	2,262	27%
Satisfied	50	65%	5,296	62%
Dissatisfied	10	13%	740	9%
Very Dissatisfied	1	1%	184	2%
Total	77	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	03.0104		SYSTEM	
Very Useful	17	25%	2,704	39%
Somewhat Useful	41	59%	3,247	46%
Not Very Useful	6	9%	814	12%
Not at All Useful	5	7%	250	4%
Total	69	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	03.0104		SYSTEM	
Yes	8	11%	818	10%
No	67	89%	7,545	90%



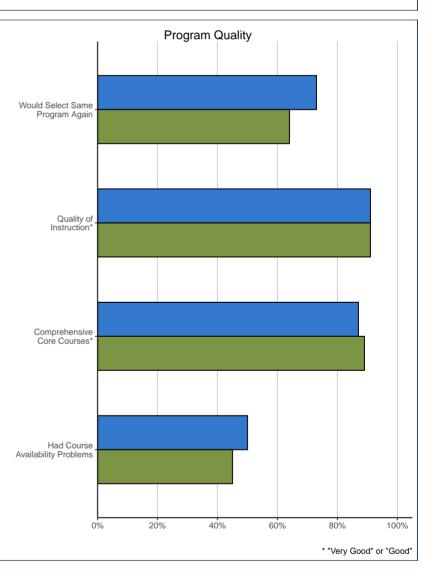
Would select the same program again:	03.0	03.0104		ТЕМ
Yes	43	64%	5,501	73%
No	24	36%	2,019	27%

Quality of Instruction:	03.0104		SYSTEM	
Very Good	18	24%	2,328	27%
Good	51	67%	5,423	64%
Poor	7	9%	649	8%
Very Poor	0	0%	131	2%
Total	76	100%	8,531	100%

Comprehensiveness of Core Courses:	03.0104		SYSTEM	
Very Good	24	32%	2,206	26%
Good	43	57%	5,161	61%
Poor	8	11%	862	10%
Very Poor	0	0%	171	2%
Total	75	100%	8,400	100%

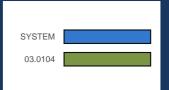
Course Availability:	03.0104		SYSTEM	
Encountered course availability problems	34	45%	4,193	50%

Financial Constraints:	03.0104		SYS	ТЕМ
Had to interrupt studies for financial reasons	7	9%	926	11%
Had to take program part-time for financial reasons	15	20%	1,545	18%



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

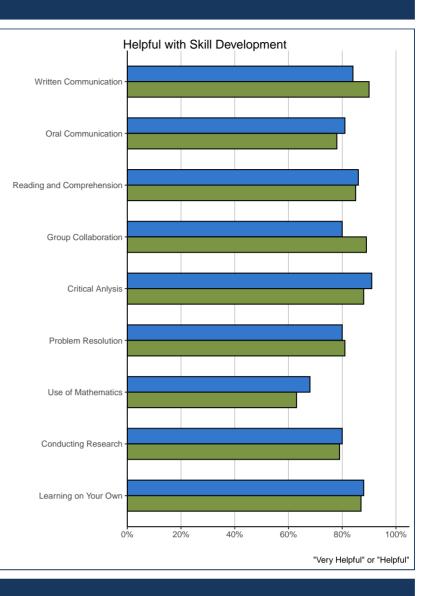
### Detailed Summary of Survey Results All Institutions 03.0104: Environmental science

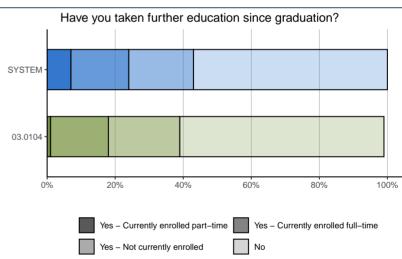


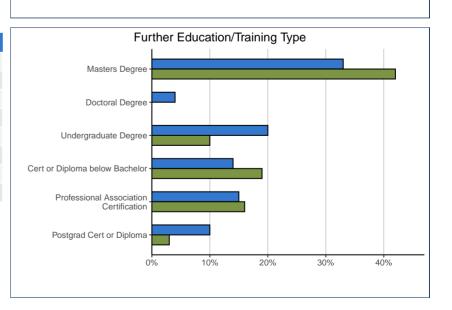
### SKILL DEVELOPMENT

		03.0104				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	22%	68%	9%	0%	76	
Oral Communication	20%	58%	21%	1%	76	
Reading and Comprehension	21%	64%	13%	1%	76	
Group Collaboration	36%	53%	10%	1%	78	
Critical Anlysis	33%	55%	12%	0%	75	
Problem Resolution	20%	61%	17%	3%	76	
Use of Mathematics	14%	49%	37%	0%	73	
Conducting Research	23%	56%	18%	3%	77	
Learning on Your Own	31%	56%	12%	1%	77	

			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







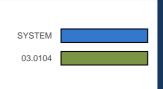
#### FURTHER EDUCATION

Took further education since 2021 graduation:	03.	03.0104		ТЕМ
Yes	31	40%	3,668	43%
Not currently enrolled	16	21%	1,580	19%
Currently enrolled full-time	13	17%	1,472	17%
Currently enrolled part-time	1	1%	565	7%
No	47	60%	4,870	57%
Total	78	100%	8,538	100%

Type of Formal Post–Secondary Education:	03.	03.0104		ТЕМ
Masters Degree	13	42%	1,184	33%
Doctoral Degree	0	0%	153	4%
Another Undergraduate Degree	3	10%	718	20%
Certificate or Diploma below Bachelor level	6	19%	510	14%
Professional Association Certification	5	16%	538	15%
Postgraduate Certificate or Diploma	1	3%	359	10%

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Other	3	10%	162	4%
Total	31	100%	3,624	100%

### Detailed Summary of Survey Results All Institutions 03.0104: Environmental science



EMPLOYMENT

581

7.6%

Labour Fource Status:	03.0	03.0104		ТЕМ
In Labour Force (working or seeking work)	74	95%	7,643	90%
Not in Labour Force	4	5%	803	10%
Total	78	100%	8,446	100%
Employment:	03.0	03.0104		ТЕМ
Employment Rate*	69	88%	7.062	82%

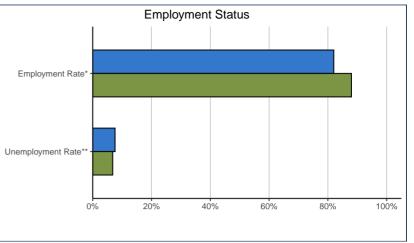
5

6.8%

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:	03.0104		SYS	ТЕМ
Attending School FT	3	75%	565	70%
Attending School PT	0	0%	20	2%
Other	1	25%	218	27%
Total NOT in Labour Force	4	100%	803	100%

Primary Employment Type:	03.0104		SYS	ТЕМ
Paid worker	66	97%	6,623	94%
Self-employed	2	3%	412	6%
Total	68	100%	7,035	100%

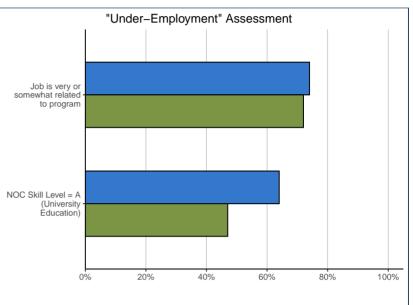
Job Characteristics:	03.	03.0104		ТЕМ
I hold more than one job*	5	7%	1,243	18%
My main job is full-time (>= 30 hours per week)**	60	90%	5,922	89%
*Of total Employed				

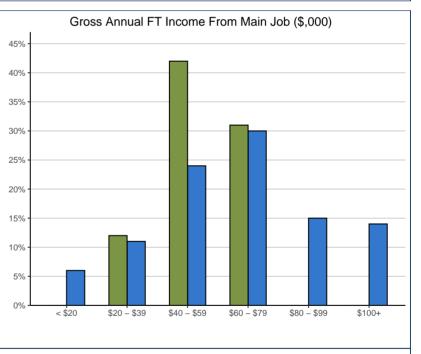


How related is your main job to your program?	03.	03.0104		ТЕМ
Very Related	21	30%	3,081	44%
Somewhat Related	29	42%	2,151	31%
Not Very Related	8	12%	901	13%
Not at All Related	11	16%	910	13%
Total	69	100%	7,043	100%

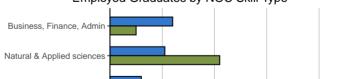
"Under-employment" Assessment:	03.0104		SYS	ТЕМ
Job is very or somewhat related to program	50	72%	5,232	74%
NOC Skill Level = A (University Education)*	29	47%	4,148	64%
*Of total valid responses				

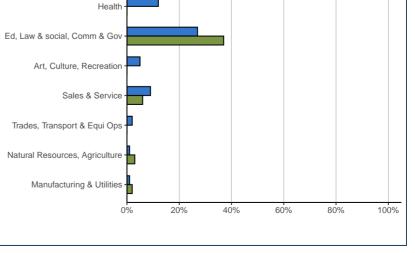
Gross Annual Income from Main Job:*	03.0	03.0104		SYSTEM		
Less than \$20,000	~	~	310	6%		
\$20,000 to \$39,999	7	12%	593	11%		
\$40,000 to \$59,999	25	42%	1,303	24%		
\$60,000 to \$79,999	18	31%	1,609	30%		
\$80,000 to \$99,999	~	~	805	15%		
\$100,000 and Above	~	~	729	14%		
Total	59	100%	5,349	100%		
Median Annual Income (full-time) (\$)	58,000		68,000			
Average Annual Income (full-time) (\$)	60,944		74,015			
Where data provided						
		0104	SYS	ТЕМ		
Where data provided NOC Skill Type of Main Job:		0 <b>104</b> 10%	SYS 1,558	24%		
Where data provided NOC Skill Type of Main Job: Business, finance & administration	03.0	-				
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	03.0	10%	1,558	24%		
Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	03.0 6 26	10% 42%	1,558 1,354	24% 21%		
Where data provided	03.0 6 26 0	10% 42% 0%	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	03.0 6 26 0 23	10% 42% 0% 37%	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	03.0 6 26 0 23 0	10% 42% 0% 37% 0%	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	03.0 6 26 0 23 0 4	10% 42% 0% 37% 0% 6%	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	03.( 6 26 0 23 0 4 4 0	10% 42% 0% 37% 0% 6% 0%	1,558 1,354 761 1,787 296 559 114	24% 21% 12% 27% 5% 9% 2%		





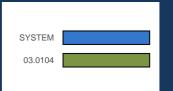
Employed Graduates by NOC Skill Type



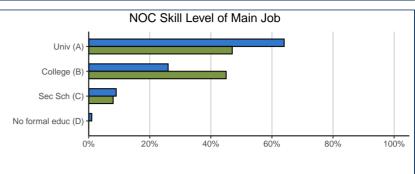


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### Detailed Summary of Survey Results All Institutions 03.0104: Environmental science

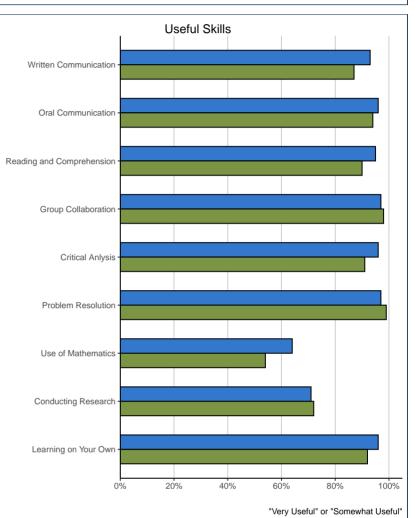


#### EMPLOYMENT, continued NOC Skill Level of Main Job: 03.0104 SYSTEM 29 47% A. University education 4,148 64% Univ (A) -B. College education/trade apprenticeship 28 45% 1,713 26% College (B) C. Secondary school + job-specific training 8% 5 564 9% D. No formal education 0 0% 90 1% Sec Sch (C) -Total 62 100% 6,515 100%



			03.0104		
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%	16%	10%	3%	69
Oral Communication	78%	16%	6%	0%	69
Reading and Comprehension	65%	25%	9%	1%	69
Group Collaboration	75%	23%	1%	0%	69
Critical Anlysis	68%	23%	7%	1%	69
Problem Resolution	71%	28%	1%	0%	69
Use of Mathematics	19%	35%	29%	17%	69
Conducting Research	36%	36%	13%	14%	69
Learning on Your Own	67%	25%	6%	3%	69

	SYSTEM				
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 Occupations of 03.0104 Graduates: 03.0104 NOC NOC Skill Level Description % Employed FT in this Occ.\*\* 4161 А Natural and applied science policy researchers, consultants and program officers 19% в Biological technologists and technicians 2221 7% 0 XXXX Unclassified occupations 7%

\* Data not displayed where n < 5

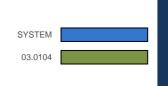
\*\* Percentages cited are of those employed

•	•		
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

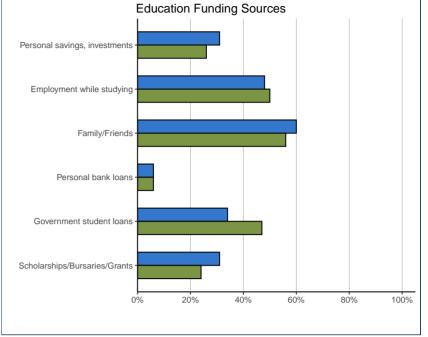
### Detailed Summary of Survey Results All Institutions 03.0104: Environmental science



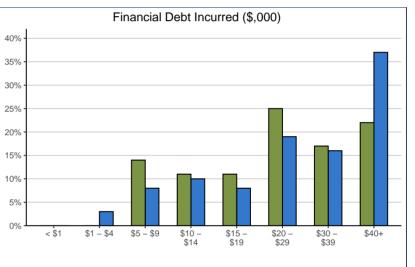
#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	03.0104		SYS	TEM
Personal savings, investments	20	26%	2,643	31%
Employment while studying	39	50%	4,042	48%
Family/Friends	44	56%	5,041	60%
Personal bank loans	5	6%	535	6%
Government student loans	37	47%	2,834	34%
Scholarships/Bursaries/Grants	19	24%	2,631	31%
Other	24	31%	1,990	24%
Total	78		8,391	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	03.	03.0104		ТЕМ
Incurred any form of financial debt	41	54%	3,736	44%
Incurred government-sponsored student loan debt	38	49%	3,105	37%
* Percentage of respondents who provided data				



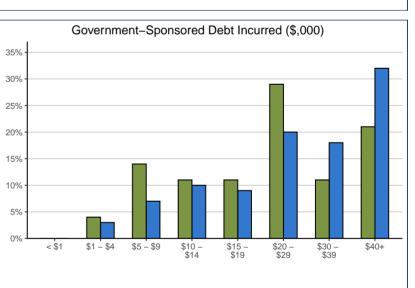
Financial Debt Amount:*	03.0104		SYS	ТЕМ
< \$1,000	0	0%	4	0%
\$1,000 to \$4,999	0	0%	85	3%
\$5,000 to \$9,999	5	14%	219	8%
\$10,000 to \$14,999	4	11%	298	10%
\$15,000 to \$19,999	4	11%	233	8%
\$20,000 to \$29,999	9	25%	545	19%
\$30,000 to \$39,999	6	17%	455	16%
\$40,000 or More	8	22%	1,064	37%
Total	36	100%	2,903	100%
Median Financial Debt (\$)	23,500		30,000	
* Includes only cases where financial debt was incurred				



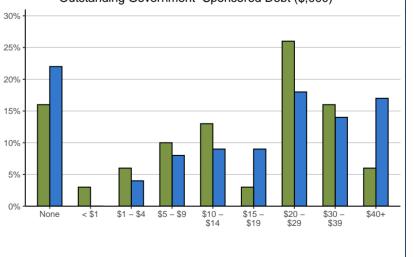
Gov't-Sponsored Student Loan Debt Amount:*	03.	0104	SYS	TEM
< \$1,000	0	0%	6	0%
\$1,000 to \$4,999	1	4%	66	3%
\$5,000 to \$9,999	4	14%	156	7%
\$10,000 to \$14,999	3	11%	219	10%
\$15,000 to \$19,999	3	11%	189	9%
\$20,000 to \$29,999	8	29%	424	20%
\$30,000 to \$39,999	3	11%	394	18%
\$40,000 or More	6	21%	687	32%
Total	28	100%	2,141	100%
Median Gov't–Sponsored Loan Debt (\$)	25,000		30,000	

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

Gov't-Sponsored Loan Debt Outstanding:*	03.0	03.0104		TEM
None – Loan repaid in full	5	16%	524	22%
< \$1,000	1	3%	9	0%
\$1,000 to \$4,999	2	6%	103	4%
\$5,000 to \$9,999	3	10%	189	8%
\$10,000 to \$14,999	4	13%	213	9%
\$15,000 to \$19,999	1	3%	208	9%
\$20,000 to \$29,999	8	26%	447	18%
\$30,000 to \$39,999	5	16%	330	14%
\$40,000 or More	2	6%	406	17%
Total	31	100%	2,429	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	20,000		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