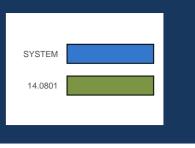
### B.C. Baccalaureate Outcomes

### 2024 Survey of 2022 Baccalaureate Graduates

# ☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general



RESPONSE RATE											
Survey Response Rate:	14.	0801	SYSTEM Response Rate								
Baccalaureate Graduates Survey Cohort	280	100%	24,572	100%	SYSTEM -						
Survey Respondents and Response Rate	75	27%	6,200	25%	SYSTEM-						4
					14.0801 -						

### DEMOGRAPHIC INFORMATION

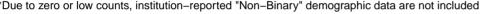
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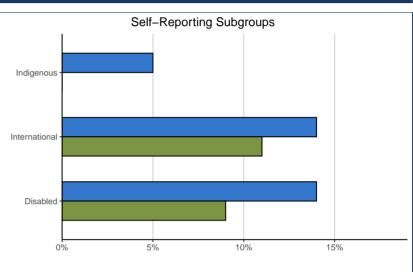
5%

10%

Self-Reporting Subgroups:	14.0801		SYSTEM	
Disabled	7	9%	851	14%
International	8	11%	878	14%
Indigenous	~	~	264	5%

Gender:*	14.	14.0801		TEM
Man/Boy	54	72%	2,656	43%
Woman/Girl	21	28%	3,527	57%
Total	75	100%	6,183	100%





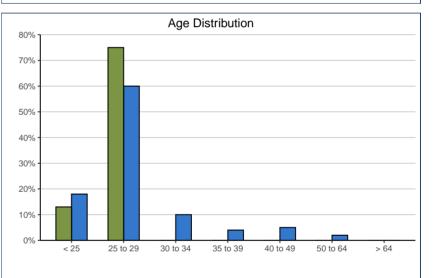
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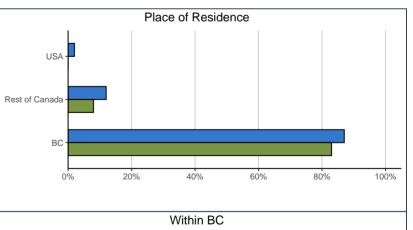
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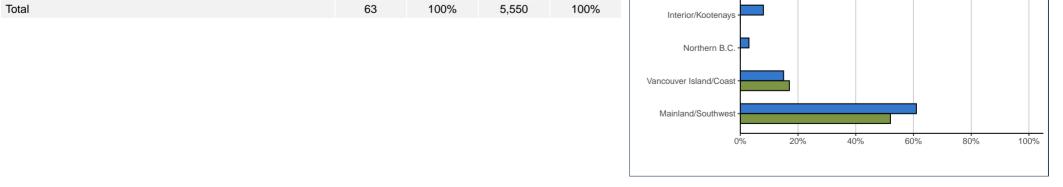
Age (at time of survey):	14.0	0801	SYSTEM		
< 25	10	13%	1,133	18%	
25 to 29	56	75%	3,740	60%	
30 to 34	~	~	617	10%	
35 to 39	~	~	271	4%	
40 to 49	0	0%	279	5%	
50 to 64	0	0%	129	2%	
> 64	0	0%	17	0%	
Total	75	100%	6,186	100%	
Median Age	26		26		
Average (mean) Age	26		28		



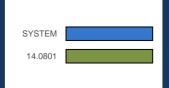
Place of Residence (at time of survey):	14.	0801	SYSTEM	
BC – Mainland/Southwest	33	52%	3,405	61%
BC – Vancouver Island/Coast	11	17%	809	15%
BC – Northern B.C.	~	~	160	3%
BC – Interior/Kootenays	~	~	459	8%
BC Subtotal	52	83%	4,833	87%
Canada – Alberta	5	8%	266	5%
Canada – Ontario	~	~	212	4%
Canada – Other	~	~	139	3%
U.S.A.	~	~	100	2%
Non-BC Subtotal	11	17%	717	13%



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Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general

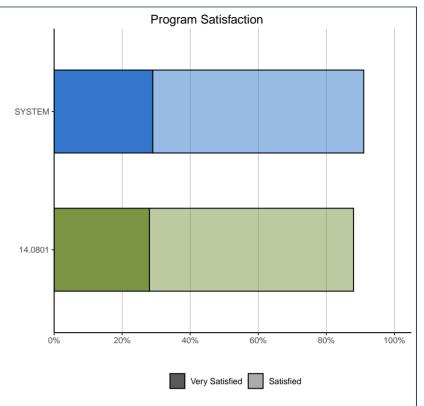


### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.	14.0801		TEM
Very Satisfied	21	28%	1,771	29%
Satisfied	45	60%	3,775	62%
Dissatisfied	7	9%	469	8%
Very Dissatisfied	2	3%	110	2%
Total	75	100%	6,125	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0801		SYSTEM	
Very Useful	31	44%	1,989	40%
Somewhat Useful	36	51%	2,266	46%
Not Very Useful	4	6%	531	11%
Not at All Useful	0	0%	158	3%
Total	71	100%	4,944	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0801		SYSTEM	
Yes	9	12%	515	9%
No	65	88%	5,527	91%



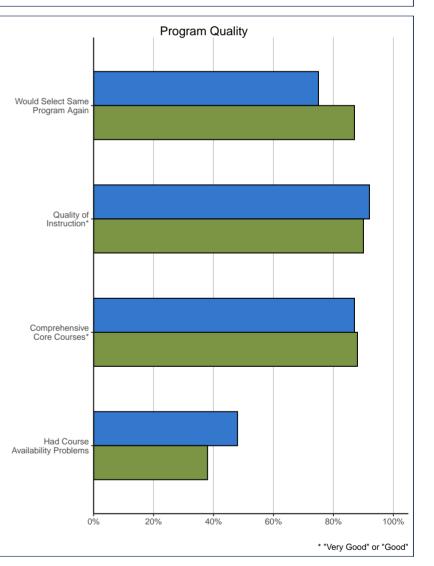
Would select the same program again:	14.0801		SYS	ТЕМ
Yes	62	87%	4,137	75%
No	9	13%	1,363	25%

Quality of Instruction:	14.0801		SYSTEM	
Very Good	16	21%	1,727	28%
Good	52	69%	3,934	64%
Poor	6	8%	402	7%
Very Poor	1	1%	77	1%
Total	75	100%	6,140	100%

Comprehensiveness of Core Courses:	14.0801		SYS	ТЕМ
Very Good	22	30%	1,667	27%
Good	42	58%	3,645	60%
Poor	8	11%	649	11%
Very Poor	1	1%	115	2%
Total	73	100%	6,076	100%

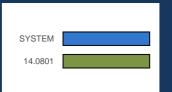
Course Availability:	14.0801		SYSTEM	
Encountered course availability problems	28	38%	2,918	48%

Financial Constraints:	14.0801		SYS	ТЕМ
Had to interrupt studies for financial reasons	4	5%	565	9%
Had to take program part-time for financial reasons	4	5%	955	16%



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

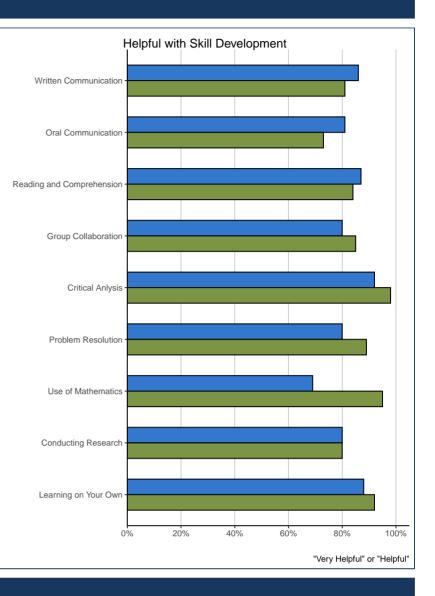
### Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general

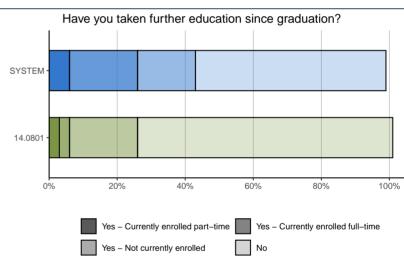


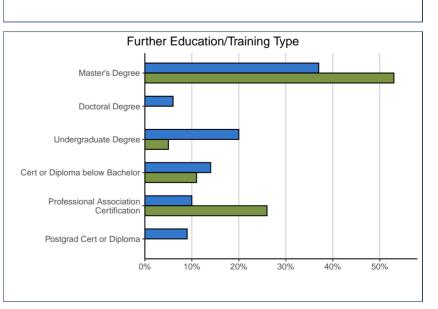
### SKILL DEVELOPMENT

		14.0801				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	15%	66%	18%	1%	74	
Oral Communication	9%	64%	22%	5%	74	
Reading and Comprehension	24%	60%	15%	1%	72	
Group Collaboration	38%	47%	9%	5%	74	
Critical Anlysis	49%	49%	3%	0%	74	
Problem Resolution	26%	63%	11%	0%	73	
Use of Mathematics	60%	35%	4%	1%	75	
Conducting Research	21%	59%	14%	6%	70	
Learning on Your Own	51%	41%	7%	1%	75	

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	57%	13%	2%	6,011
Oral Communication	25%	56%	16%	2%	6,039
Reading and Comprehension	32%	55%	12%	1%	6,026
Group Collaboration	30%	50%	17%	4%	6,055
Critical Anlysis	43%	49%	7%	2%	6,142
Problem Resolution	25%	55%	18%	3%	5,966
Use of Mathematics	22%	47%	24%	7%	4,674
Conducting Research	32%	48%	17%	3%	5,806
Learning on Your Own	39%	49%	9%	2%	6,059







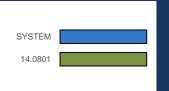
#### FURTHER EDUCATION

14.0801		SYSTEM	
19	25%	2,708	44%
15	20%	1,069	17%
2	3%	1,219	20%
2	3%	389	6%
56	75%	3,459	56%
75	100%	6,167	100%
	19 15 2 2 56	19         25%           15         20%           2         3%           2         3%           56         75%	1925%2,7081520%1,06923%1,21923%3895675%3,459

Type of Formal Post–Secondary Education:	14.	0801	SYS	ТЕМ
Master's Degree	10	53%	979	37%
Doctoral Degree	0	0%	155	6%
Another Undergraduate Degree	1	5%	543	20%
Certificate or Diploma below Bachelor Level	2	11%	374	14%
Professional Association Certification	5	26%	274	10%
Postgraduate Certificate or Diploma	0	0%	238	9%

r oolgradate oortineate or Dipionia	Ũ	070	200	0,0
Other	1	5%	119	4%
Total	19	100%	2,682	100%

Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general



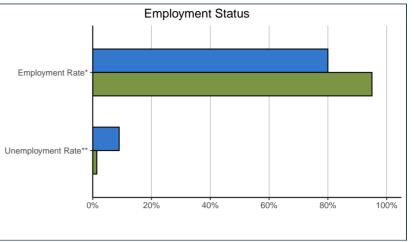
#### EMPLOYMENT

80% 9.0%

Labour Fource Status:	14.	14.0801		ТЕМ
In Labour Force (working or seeking work)	72	97%	5,472	90%
Not in Labour Force	2	3%	613	10%
Total	74	100%	6,085	100%
Employment:	14.	14.0801		TEM

Employment Rate*	71	95%	4,982
Unemployment Rate**	1	1.4%	490
*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:	14.0801		SYSTEM	
Attending School FT	1	50%	446	73%
Attending School PT	0	0%	19	3%
Other	1	50%	148	24%
Total NOT in Labour Force	2	100%	613	100%

Primary Employment Type:	14.0801		SYS	ТЕМ
Paid Worker	70	99%	4,678	94%
Self-Employed	1	1%	296	6%
Total	71	100%	4,974	100%

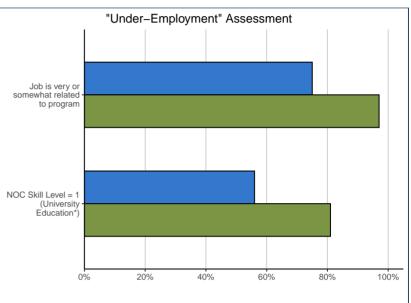
Job Characteristics:	14.0	14.0801		ТЕМ
I hold more than one job*	3	4%	941	19%
My main job is full-time (>= 30 hours per week)**	70	100%	4,109	87%
*Of total employed				

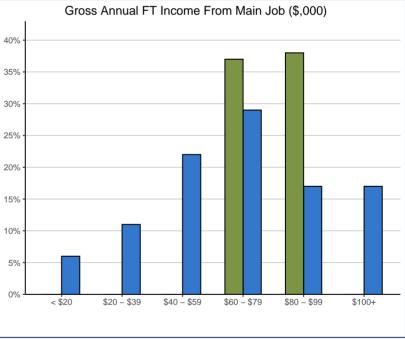


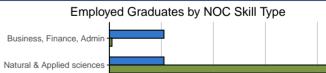
How related is your main job to your program?	14.0801		SYSTEM	
Very Related	47	66%	2,190	44%
Somewhat Related	22	31%	1,532	31%
Not Very Related	2	3%	579	12%
Not at All Related	0	0%	668	13%
Total	71	100%	4,969	100%

"Under-Employment" Assessment:	14.0801		SYS	ТЕМ
Job is very or somewhat related to program	69	97%	3,722	75%
NOC Skill Level = 1 (University Education)*	57	81%	2,648	56%
*Of total valid responses; NOC 2021 (TEER)				

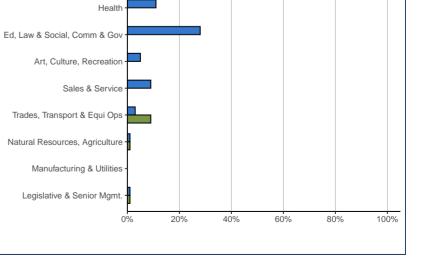
Gross Annual Income from Main Job:*	14.	14.0801		ТЕМ
Less than \$20,000	0	0%	208	6%
\$20,000 to \$39,999	0	0%	406	11%
\$40,000 to \$59,999	~	~	818	22%
\$60,000 to \$79,999	22	37%	1,081	29%
\$80,000 to \$99,999	23	38%	627	17%
\$100,000 and Above	~	~	623	17%
Total	60	100%	3,763	100%
Median Annual Income (full-time) (\$)	81,850		71,127	
Average Annual Income (full-time) (\$)	93,478		78,771	
*Where data provided				







NOC Skill Type of Main Job (NOC 2021):	14.0801 SYSTEM		TEM	
Legislative and senior management	1	1%	59	1%
Business, finance & administration	1	1%	982	21%
Natural & applied sciences & related	61	87%	966	21%
Health	0	0%	527	11%
Education, law and social, community & government	0	0%	1,323	28%
Art, culture, recreation & sport	0	0%	239	5%
Sales & service	0	0%	435	9%
Trades, transport & equipment operators & related	6	9%	119	3%
Natural resources, agriculture & related production	1	1%	34	1%
Manufacturing & utilities	0	0%	19	0%
Total	70	100%	4,703	100%



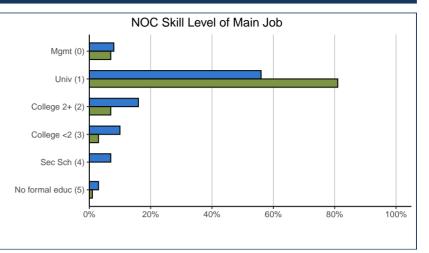
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### Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general

SYSTEM	
14.0801	

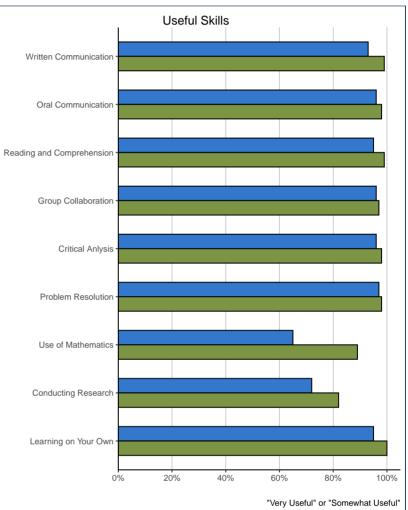
### EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	14.	0801	SYS	TEM
0. Management	5	5 7%		8%
1. University education	57	81%	2,648	56%
2. College education/trade apprenticeship (2+ years)	5	7%	748	16%
3. College education/trade apprenticeship (<2 years)	2	3%	476	10%
4. Secondary school + job-specific training	0	0%	322	7%
5. No formal education	1	1%	127	3%
Total	70	100%	4,703	100%



			14.0801		
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	86%	13%	1%	0%	70
Oral Communication	87%	11%	1%	0%	71
Reading and Comprehension	86%	13%	1%	0%	71
Group Collaboration	86%	11%	1%	1%	71
Critical Anlysis	87%	11%	1%	0%	71
Problem Resolution	90%	8%	0%	1%	71
Use of Mathematics	58%	31%	11%	0%	71
Conducting Research	37%	45%	13%	6%	71
Learning on Your Own	83%	17%	0%	0%	71

	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%	5%	2%	4,946
Oral Communication	77%	19%	3%	1%	4,956
Reading and Comprehension	73%	22%	3%	1%	4,946
Group Collaboration	78%	18%	2%	1%	4,952
Critical Anlysis	77%	19%	3%	1%	4,949
Problem Resolution	79%	18%	2%	1%	4,949
Use of Mathematics	30%	35%	22%	14%	4,790
Conducting Research	39%	33%	17%	11%	4,847
Learning on Your Own	69%	26%	3%	1%	4,942



Top 10 Full-Tim	e Occupations of 14.0801	Graduates*:	14.0801
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21300	1	Civil engineers	70%
*			
*			
*			
*			
*			
*			
*			

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

Top 10 Full-Tin	me Occupations of SYSTE	M Graduates*:	SYSTEM
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
31301	1	Registered nurses and registered psychiatric nurses	5%
21231	1	Software engineers and designers	4%
XXXXX	Х	Unclassified occupations	4%
41221	1	Elementary school and kindergarten teachers	3%
11202	1	Professional occupations in advertising, marketing and public relations	2%
11100	1	Financial auditors and accountants	2%
42201	2	Social and community service workers	2%
21232	1	Software developers and programmers	2%
13100	3	Administrative officers	2%
41220	1	Secondary school teachers	2%
* Data not display	ed where $n < 5$ : NOC 2021		

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

### Detailed Summary of Survey Results All Institutions 14.0801: Civil engineering, general

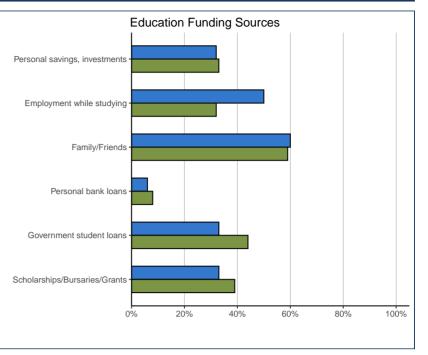


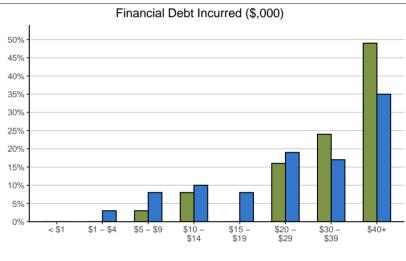
#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.0801		ТЕМ
Personal savings, investments	25	33%	1,927	32%
Employment while studying	24	32%	3,012	50%
Family/Friends	44	59%	3,627	60%
Personal bank loans	6	8%	337	6%
Government student loans	33	44%	2,007	33%
Scholarships/Bursaries/Grants	29	39%	1,988	33%
Other	30	40%	1,362	22%
Total	75		6,073	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:\*14.0801SYSTEMIncurred any form of financial debt3953%2,59543%Incurred government–sponsored student loan debt3749%2,23236%\* Percentage of respondents who provided data

Financial Debt Amount:*	unt:* 14.0801		ot Amount:* 14.0801 SYSTEM		TEM
< \$1,000	0	0%	4	0%	
\$1,000 to \$4,999	0	0%	69	3%	
\$5,000 to \$9,999	1	3%	165	8%	
\$10,000 to \$14,999	3	8%	199	10%	
\$15,000 to \$19,999	0	0%	162	8%	
\$20,000 to \$29,999	6	16%	394	19%	
\$30,000 to \$39,999	9	24%	353	17%	
\$40,000 or More	18	49%	740	35%	
Total	37	100%	2,086	100%	
Median Financial Debt (\$)	34,000		30,000		
* Includes only cases where financial debt was incurred					

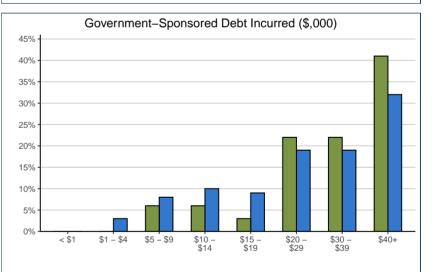




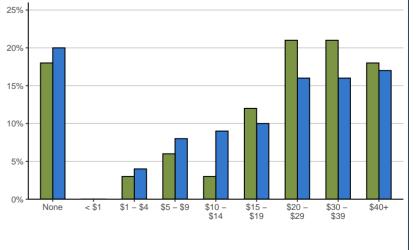
14.0801		SYSTEM	
0	0%	5	0%
0	0%	48	3%
2	6%	121	8%
2	6%	155	10%
1	3%	133	9%
7	22%	299	19%
7	22%	296	19%
13	41%	500	32%
32	100%	1,557	100%
33,000		30,000	
	0 0 2 2 1 7 7 13 32	0         0%           0         0%           2         6%           2         6%           1         3%           7         22%           7         22%           13         41%           32         100%           33,000	0         0%         5           0         0%         48           2         6%         121           2         6%         155           1         3%         133           7         22%         299           7         22%         296           13         41%         500           32         100%         1,557           33,000         30,000         30,000

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

Gov't-Sponsored Loan Debt Outstanding:*	14.0801		SYSTEM	
None – Loan repaid in full	6	18%	361	20%
< \$1,000	0	0%	3	0%
\$1,000 to \$4,999	1	3%	75	4%
\$5,000 to \$9,999	2	6%	137	8%
\$10,000 to \$14,999	1	3%	151	9%
\$15,000 to \$19,999	4	12%	174	10%
\$20,000 to \$29,999	7	21%	291	16%
\$30,000 to \$39,999	7	21%	279	16%
\$40,000 or More	6	18%	303	17%
Total	34	100%	1,774	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	26,500		25,000	



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