### B.C. Baccalaureate Outcomes

### 2023 Survey of 2021 Baccalaureate Graduates

# ☑ BC Student ☑ Outcomes

Detailed Summary of Survey Results All Institutions

51.2004 51.2004: Medicinal and pharmaceutical chemistry (MS, MSc, PhD)

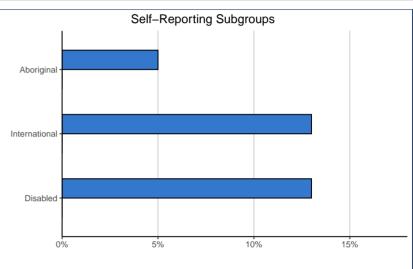
SYSTEM

RESPONSE RATE								
Survey Response Rate: 51.2004 SYSTEM					Response Rate			
Baccalaureate Graduates Survey Cohort	29	100%	25,962	100%	SYSTEM -			
Survey Respondents and Response Rate	14	48%	8,603	33%				
					51.2004 -			

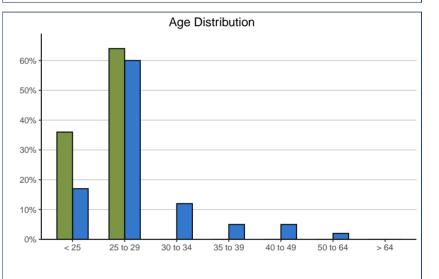
#### DEMOGRAPHIC INFORMATION

Self-Reporting Subgroups:	51.2004		SYSTEM	
Disabled	~	~	1,079	13%
International	0	0%	1,153	13%
Aboriginal	0	0%	330	5%

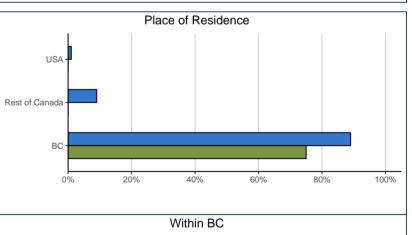
Gender:*	51.2004		51.2004 SYSTE		ТЕМ
Male	8	57%	3,534	41%	
Female	6	43%	5,051	59%	
Total	14	100%	8,585	100%	
*Due to zero or low counts, institution-reported "Non-binary" demo	graphic data a	re not included	1.		



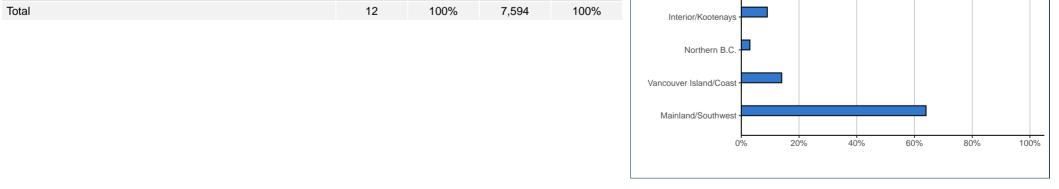
Age (at time of survey):	51.2004		SYS	ТЕМ
< 25	5	36%	1,417	17%
25 to 29	9	64%	5,150	60%
30 to 34	0	0%	994	12%
35 to 39	0	0%	417	5%
40 to 49	0	0%	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	14	100%	8,586	100%
Median Age	25		26	
Average (mean) Age	25		28	



Place of Residence (at time of survey):	51	51.2004		SYSTEM	
BC – Mainland/Southwest	~	~	4,824	64%	
BC – Vancouver Island/Coast	~	~	1,065	14%	
BC – Northern B.C.	~	~	225	3%	
BC – Interior/Kootenays	0	0%	673	9%	
BC Subtotal	9	75%	6,787	89%	
Canada – Alberta	~	~	328	4%	
Canada – Ontario	0	0%	239	3%	
Canada – Other	~	~	165	2%	
U.S.A.	0	0%	75	1%	
Non-BC Subtotal	~	~	807	11%	



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### Detailed Summary of Survey Results All Institutions 51.2004: Medicinal and pharmaceutical chemistry (MS, MSc, PhD)

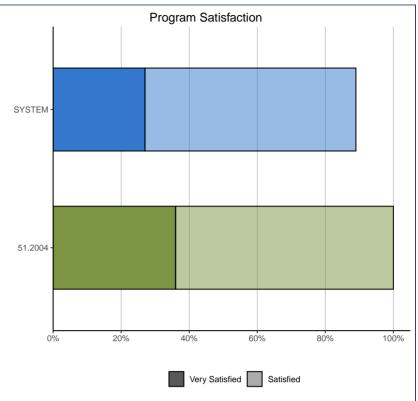
SYSTEM 51.2004

#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	51.2004		SYS	ТЕМ
Very Satisfied	5	36%	2,262	27%
Satisfied	9	64%	5,296	62%
Dissatisfied	0	0%	740	9%
Very Dissatisfied	0	0%	184	2%
Total	14	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	51.2004		SYS	ТЕМ
Very Useful	0	0%	2,704	39%
Somewhat Useful	7	78%	3,247	46%
Not Very Useful	1	11%	814	12%
Not at All Useful	1	11%	250	4%
Total	9	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	51.2004		SYSTEM	
Yes	1	7%	818	10%
No	13	93%	7,545	90%



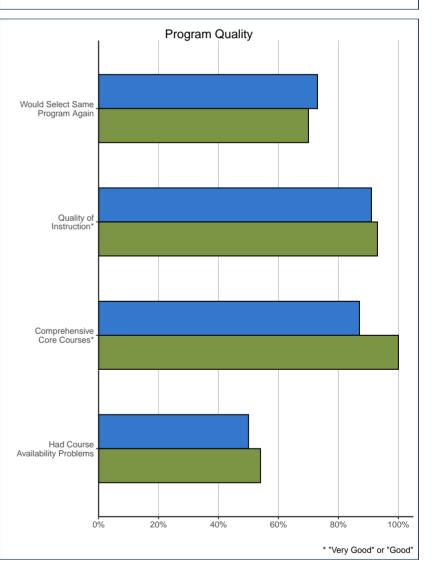
Would select the same program again:	51.2004		SYS	ТЕМ
Yes	7	70%	5,501	73%
No	3	30%	2,019	27%

Quality of Instruction:	51.2004		SYSTEM	
Very Good	2	14%	2,328	27%
Good	11	79%	5,423	64%
Poor	1	7%	649	8%
Very Poor	0	0%	131	2%
Total	14	100%	8,531	100%

Comprehensiveness of Core Courses:	51.2004		SYSTEM	
Very Good	2	15%	2,206	26%
Good	11	85%	5,161	61%
Poor	0	0%	862	10%
Very Poor	0	0%	171	2%
Total	13	100%	8,400	100%

Course Availability:	51.2004		SYS	ТЕМ
Encountered course availability problems	7	54%	4,193	50%

Financial Constraints:	51.2004		SYS	ТЕМ
Had to interrupt studies for financial reasons	1	7%	926	11%
Had to take program part-time for financial reasons	0	0%	1,545	18%



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

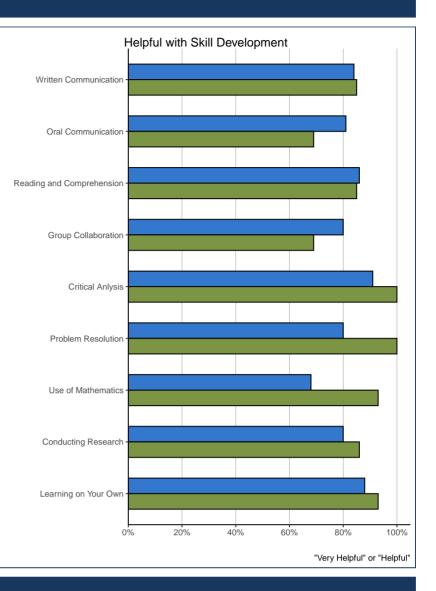
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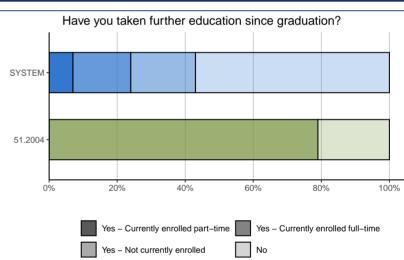
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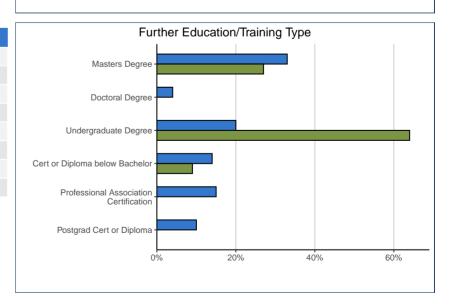
### SKILL DEVELOPMENT

	51.2004				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	23%	62%	15%	0%	13
Oral Communication	15%	54%	23%	8%	13
Reading and Comprehension	31%	54%	15%	0%	13
Group Collaboration	15%	54%	31%	0%	13
Critical Anlysis	43%	57%	0%	0%	14
Problem Resolution	14%	86%	0%	0%	14
Use of Mathematics	50%	43%	0%	7%	14
Conducting Research	43%	43%	14%	0%	14
Learning on Your Own	43%	50%	7%	0%	14

		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	







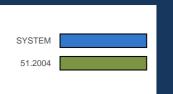
#### FURTHER EDUCATION

Took further education since 2021 graduation:	51.	51.2004		ТЕМ
Yes	11	79%	3,668	43%
Not currently enrolled	0	0%	1,580	19%
Currently enrolled full-time	11	79%	1,472	17%
Currently enrolled part-time	0	0%	565	7%
No	3	21%	4,870	57%
Total	14	100%	8,538	100%

Type of Formal Post-Secondary Education:	Secondary Education: 51.2004		SYSTEM	
Masters Degree	3	27%	1,184	33%
Doctoral Degree	0	0%	153	4%
Another Undergraduate Degree	7	64%	718	20%
Certificate or Diploma below Bachelor level	1	9%	510	14%
Professional Association Certification	0	0%	538	15%
Postgraduate Certificate or Diploma	0	0%	359	10%

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Other	0	0%	162	4%
Total	11	100%	3,624	100%

### Detailed Summary of Survey Results All Institutions 51.2004: Medicinal and pharmaceutical chemistry (MS, MSc, PhD)

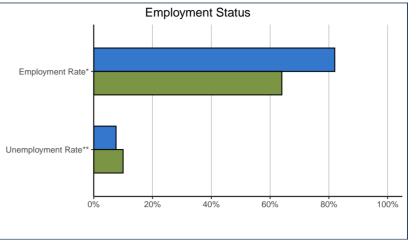


#### EMPLOYMENT

Labour Fource Status:	51.	51.2004		ТЕМ
In Labour Force (working or seeking work)	10	71%	7,643	90%
Not in Labour Force	4	29%	803	10%
Total	14	100%	8,446	100%
Employment:	<b>51</b>	51 2004		TEM

Employment:	51.2004		SYS	TEM
Employment Rate*	9	64%	7,062	82%
Unemployment Rate**	1	10.0%	581	7.6%
*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:	51.2004		SYS	TEM
Attending School FT	4	100%	565	70%
Attending School PT	0	0%	20	2%
Other	0	0%	218	27%
Total NOT in Labour Force	4	100%	803	100%

Primary Employment Type:	51.2004		SYS	ТЕМ
Paid worker	9	100%	6,623	94%
Self-employed	0	0%	412	6%
Total	9	100%	7,035	100%

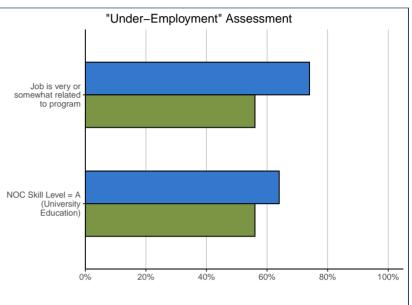
Job Characteristics:	51.	51.2004		ТЕМ
I hold more than one job*	2	22%	1,243	18%
My main job is full-time (>= 30 hours per week)**	3	50%	5,922	89%
*Of total Employed				

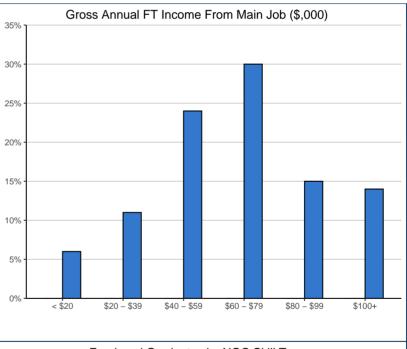


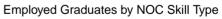
How related is your main job to your program?	51.2004		SYS	TEM
Very Related	3	33%	3,081	44%
Somewhat Related	2	22%	2,151	31%
Not Very Related	3	33%	901	13%
Not at All Related	1	11%	910	13%
Total	9	100%	7,043	100%

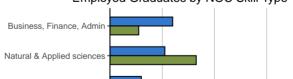
"Under-employment" Assessment:	51.2004		SYSTEM	
Job is very or somewhat related to program	5	56%	5,232	74%
NOC Skill Level = A (University Education)*	5	56%	4,148	64%
*Of total valid responses				

Gross Annual Income from Main Job:*	51.3	2004	SYS	TEM
Less than \$20,000	~	~	310	6%
\$20,000 to \$39,999	~	~	593	11%
\$40,000 to \$59,999	0	0%	1,303	24%
\$60,000 to \$79,999	~	~	1,609	30%
\$80,000 to \$99,999	~	~	805	15%
\$100,000 and Above	0	0%	729	14%
Total	6	100%	5,349	100%
Median Annual Income (full-time) (\$)	75,000		68,000	
Average Annual Income (full-time) (\$)	61,428		74,015	
*Where data provided				

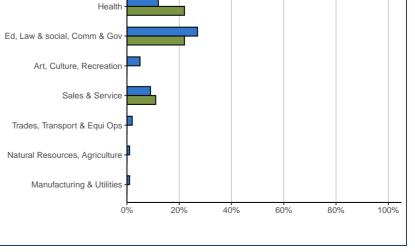








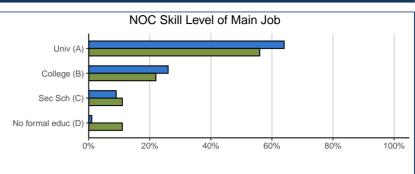
NOC Skill Type of Main Job:	51.	51.2004		TEM
Business, finance & administration	1	11%	1,558	24%
Natural & applied sciences & related	3	33%	1,354	21%
Health	2	22%	761	12%
Education, law and social, community & government	2	22%	1,787	27%
Art, culture, recreation & sport	0	0%	296	5%
Sales & service	1	11%	559	9%
Trades, transport & equipment operators & related	0	0%	114	2%
Natural resources, agriculture & related production	0	0%	35	1%
Manufacturing & utilities	0	0%	35	1%
Total	9	100%	6,499	100%



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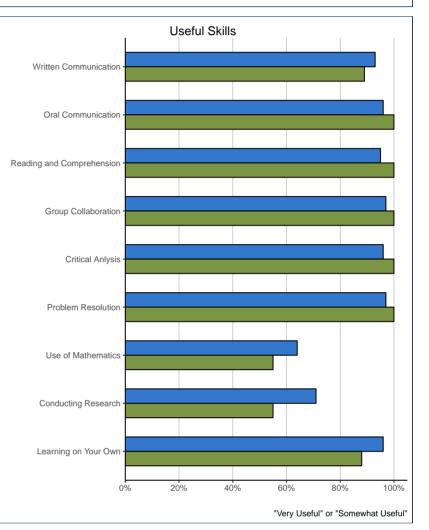
### Detailed Summary of Survey Results All Institutions 51.2004: Medicinal and pharmaceutical chemistry (MS, MSc, PhD)

EMPLOYMENT, contin				continued	
NOC Skill Level of Main Job:	51.	2004	SYS	ТЕМ	
A. University education	5	56%	4,148	64%	Ur
B. College education/trade apprenticeship	2	22%	1,713	26%	01
C. Secondary school + job-specific training	1	11%	564	9%	Colle
D. No formal education	1	11%	90	1%	Sec S
Total	9	100%	6,515	100%	No formal ed



			51.2004		
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	22%	67%	11%	0%	9
Oral Communication	67%	33%	0%	0%	9
Reading and Comprehension	67%	33%	0%	0%	9
Group Collaboration	100%	0%	0%	0%	9
Critical Anlysis	67%	33%	0%	0%	9
Problem Resolution	100%	0%	0%	0%	9
Use of Mathematics	33%	22%	33%	11%	9
Conducting Research	33%	22%	33%	11%	9
Learning on Your Own	44%	44%	11%	0%	9

			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 Oc	cupations of 51.2004 Gr	raduates:	51.2004
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
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*			
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*			
*			
*			
* Data not displayed wh	$r_{0} = r_{0} = 5$		

\* 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	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%
* D (			

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

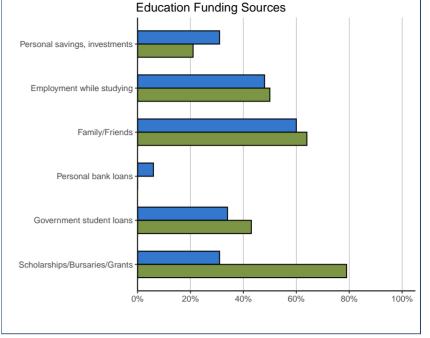
#### Detailed Summary of Survey Results All Institutions 51.2004: Medicinal and pharmaceutical chemistry (MS, MSc, PhD)

SYSTEM 51.2004

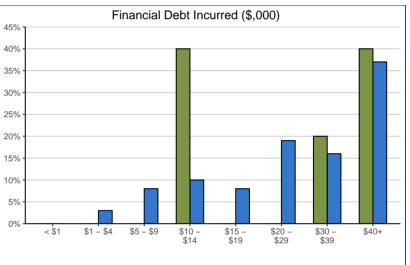
#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	51.2004		SYS	TEM
Personal savings, investments	3	21%	2,643	31%
Employment while studying	7	50%	4,042	48%
Family/Friends	9	64%	5,041	60%
Personal bank loans	0	0%	535	6%
Government student loans	6	43%	2,834	34%
Scholarships/Bursaries/Grants	11	79%	2,631	31%
Other	4	29%	1,990	24%
Total	14		8,391	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	51.	51.2004		ТЕМ
Incurred any form of financial debt	6	43%	3,736	44%
Incurred government-sponsored student loan debt	6	43%	3,105	37%
* Percentage of respondents who provided data				



Financial Debt Amount:\* 51.2004 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 2 40% 298 10% \$15,000 to \$19,999 0 0% 233 8% \$20,000 to \$29,999 0 0% 545 19% \$30,000 to \$39,999 1 20% 455 16% \$40,000 or More 2 40% 1,064 37% 100% Total 5 2,903 100% Median Financial Debt (\$) 35,000 30,000

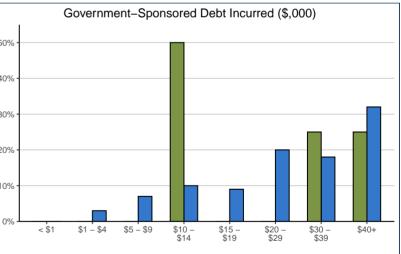


\* Includes only cases where financial debt was incurred

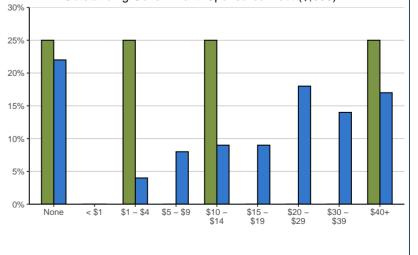
Gov't-Sponsored Student Loan Debt Amount:*	51.2	51.2004		SYSTEM	
< \$1,000	0	0%	6	0%	
\$1,000 to \$4,999	0	0%	66	3%	
\$5,000 to \$9,999	0	0%	156	7%	
\$10,000 to \$14,999	2	50%	219	10%	
\$15,000 to \$19,999	0	0%	189	9%	
\$20,000 to \$29,999	0	0%	424	20%	
\$30,000 to \$39,999	1	25%	394	18%	
\$40,000 or More	1	25%	687	32%	
Total	4	100%	2,141	100%	
Median Gov't-Sponsored Loan Debt (\$)	23,500		30,000		

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

Gov't-Sponsored Loan Debt Outstanding:*	51.2	51.2004		TEM
None – Loan repaid in full	1	25%	524	22%
< \$1,000	0	0%	9	0%
\$1,000 to \$4,999	1	25%	103	4%
\$5,000 to \$9,999	0	0%	189	8%
\$10,000 to \$14,999	1	25%	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	1	25%	406	17%
Total	4	100%	2,429	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	10,000		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