

A Profile of Post-Secondary Students in Alberta

Child and Youth Data Laboratory (CYDL) Longitudinal Project

Introduction

This report is an overview of the experiences of students enrolled in publicly-funded post-secondary institutions in Alberta (aged 18 to 25 years) from the 2005/06 to 2010/11 school years.

Two main indicators of post-secondary involvement—**enrolment status** (full- and part-time status) and **credential type** (Master's/ PhD, Bachelor/Applied, Certificate/Diploma, University transfer, No credential) are profiled by a range socio-demographic characteristics, including region, gender, age, Aboriginal status, educational achievement, and socio-economic status. This report considers apprentices that were enrolled only in NAIT or SAIT.

Providing new data on post-secondary students, the report also profiles enrolment status and credential type by a range of government service use patterns, including health service use, justice system involvement, income support use and post-secondary loan support.

Key Findings

Over the study period:

- Almost one-third (about 120,000 to 130,000) of individuals (aged 18 to 25) living in Alberta were enrolled in publicly-funded post-secondary institutions.
- There was a greater representation of female than male part-time and full-time students.
- About 3% of students enrolled as full-time students identified as Aboriginal; a similar percentage of self-reported Aboriginal students were represented in the part-time student population.
- Post-secondary students were more likely than non-students to be meeting or exceeding educational expectations at grade 12.
- Part-time students were more likely to use mental health services than full-time students and non-students.
- Students were less likely to be high cost health service users than individuals not enrolled in post-secondary studies.
- Students enrolled in post-secondary studies but not pursuing a credential (“no credential” students) were more likely than other students to be mental health and high cost health service users. They were also more likely to have offence charges, be receiving income support and be post-secondary student loan recipients.

This report is part of the Longitudinal Project by the CYDL in collaboration with partnering Alberta government ministries. Please see the last page for a brief description of the project and go to <https://policywise.com/initiatives/cydl/P2> to access other deliverables.

Visit <https://visualization.policywise.com/P2dashboard> to view an interactive dashboard that summarizes this population. This report is a companion to the interactive dashboard.



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Background literature

Providing a context for the current report, this section highlights select literature focusing on post-secondary students in Alberta and Canada.

Many benefits are associated with obtaining a post-secondary education. In addition to earning a higher than average income, individuals with a post-secondary credential can anticipate securing advanced employment opportunities¹. Over the next several years, about two-thirds of all jobs opening in Canada will require a post-secondary education¹. Post-secondary credential earners are more likely than non-credential earners to experience greater levels of job satisfaction and long-term employment¹.

According to the 2014/15 *Campus Alberta Planning Resource* manual, rates of post-secondary participation are lower in Alberta compared to other Canadian provinces. In 2014-15, the rate of participation among Albertans between 17 and 24 years was 17% compared to the Canadian average at 24%². Participation rates will likely increase with the recent downward trend in Alberta's economy (Alberta Advanced Education, 2015:3).

The vast majority of students (82%) have been typically between the ages of 18 and 34 years.² In 2014-15, there were more females than males enrolled in Alberta's post-secondary institutions (52.9% versus 47.1%, respectively). In that same year, there was a higher proportion of Aboriginal female students (62.8%) than non-Aboriginal female students (52.9%)². Among males, there was a greater proportion of non-Aboriginal males than Aboriginal males (47.1% versus 37.2%, respectively).²

The participation rate of Aboriginal students has increased over time, stabilizing at about 4% of the total population of Alberta's post-secondary students.² In general, however, Aboriginal individuals are less likely to be enrolled in post-secondary institutions than non-Aboriginal individuals (50% versus 63%, respectively). In addition, the proportion of non-Aboriginal students completing a university degree was more than double that of Aboriginal students in 2014-15 (28% versus 11%, respectively)²

A post-secondary education is associated with positive health and well-being outcomes.¹ However, the rise of mental health service use among students during their post-secondary training has become a growing concern^{3, 4}. Alberta's major universities have responded to the need for increased funding toward timely and exhaustive mental health supports for students troubled by mental health issues³.

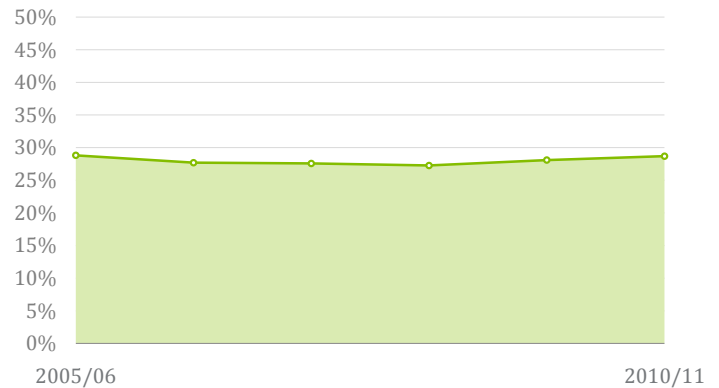
The service use patterns of post-secondary students in other areas are less well documented. This report provides new data on government program involvement for post-secondary students, including health service use, income support, justice system involvement, and post-secondary loan support.

Enrolment time trend (Table 1)

This graph represents the percentage of individuals aged 18 to 25 enrolled in publicly-funded post-secondary institutions in Alberta between 2005/06 to 2010/11.

- In each year of the study period, close to 30% of individuals were in the post-secondary education system (approximately, 120,000 to 130,000 individuals over the study period).

Percentage of individuals aged 18 to 25 enrolled in a publicly-funded Alberta post-secondary institution over time



Post-secondary Institution Type (Table 2)

Post-secondary institution type proportions

Percentage of students enrolled in a post-secondary institution in 2010/11



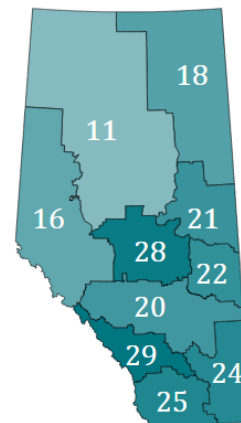
- Over the study period, one-half of post-secondary students were enrolled in university institutions (e.g., University of Alberta). 16% were enrolled in community colleges (e.g., NorQuest, Bow Valley).
- This pattern remained relatively stable between the 2005/06 and 2010/11 school year periods.

Region (Table 3)

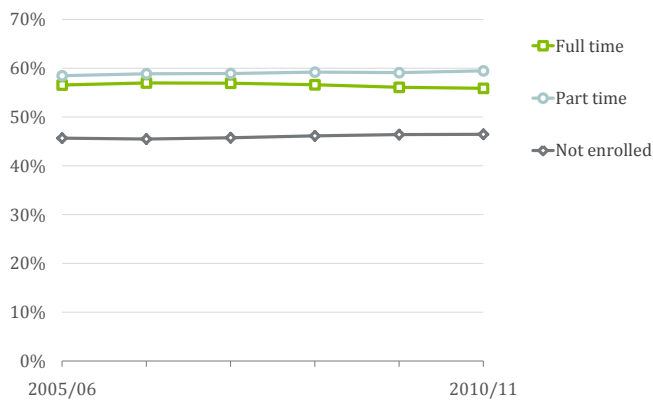
This map represents the percentage of students out of the total population (18 to 25 years) within each Albertan region in 2010/11 (see page 33 for list of post-secondary regions).

- In 2010/11, out of the total population of 18 to 25 year olds in Edmonton, over one-quarter of individuals were post-secondary students. A similar percentage of students were in Calgary.
- Compared to southern regions, a smaller proportion of individuals in northern regions were enrolled in post-secondary institutions.

Percentage of students aged 18 to 25 by post-secondary regions in 2010/11



Percentage of FEMALE students aged 18 to 25 by enrolment status over time



Gender by Enrolment Status (Table 5)

This analysis represents the percentage of female students (18 to 25 years) enrolled either full- or part-time in a post-secondary institution between 2005/06 and 2010/11. See table 5 (p.14) for numbers and percentages of male students by credential type.

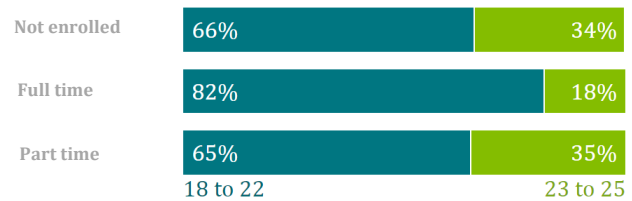
- Over the study period, the gender distribution of post-secondary students remained stable, with a greater proportion of females enrolled in a post-secondary institution.
- Over the study period, there was a greater proportion of both full- and part-time female students than male students.

Age by Enrolment Status (Table 6)

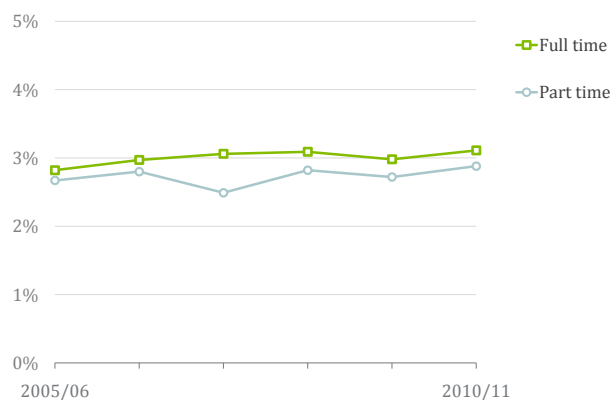
This analysis represents the percentage of students enrolled either full- or part-time in a post-secondary institution in 2010/11 by age groups.

- Among full-time students, over 80% were between 18 and 22 years in each year of the study period.
- Among part-time students, a greater proportion were represented in the 18 and 22 year age group (approximately two-thirds of the part-time population) in each year of the study period.

Percentage of students aged 18 to 25 years by enrolment status and age in 2010/11



Percentage of students aged 18 to 25 who identified as Aboriginal by enrolment status over time



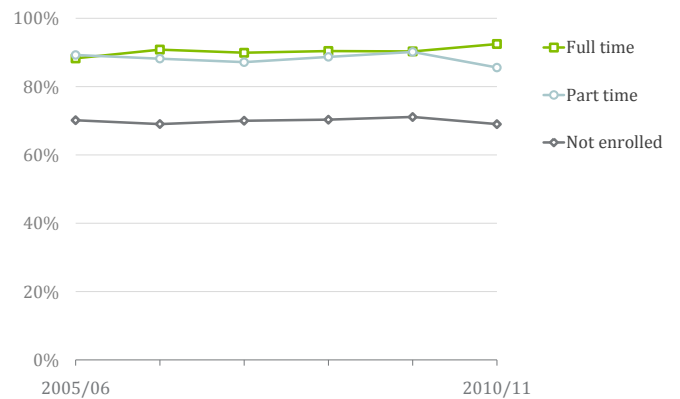
Aboriginal Status by Enrolment Status (Table 7)

- Over the study period, about 3% of students enrolled as full-time students self-identified as Aboriginal; a similar percentage of self-declared Aboriginal students were represented in the part-time student population.

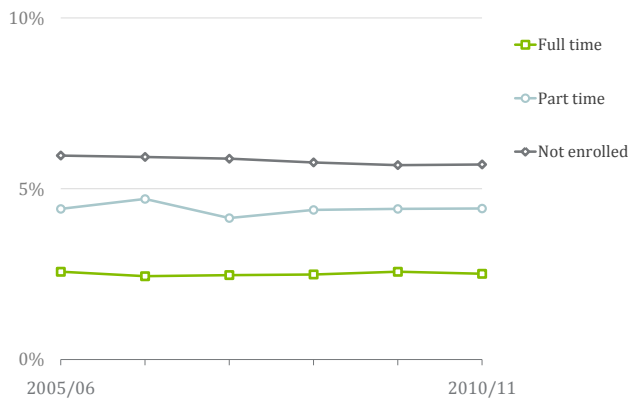
Educational Achievement at Grade 12 by Enrolment Status (Table 8)

- In each study year, a greater proportion (almost 90%) of Albertan post-secondary students were meeting or exceeding expectations at grade 12 compared to same age Albertans not enrolled (about 70%) in post-secondary institutions.
- Over the study period, proportions of students exceeding or meeting expectations at grade 12 were similar between full- and part-time students.

Percentage of students aged 18 to 25 who were meeting or above educational expectations by enrolment status over time



Percentage of students aged 18 to 25 who were high cost health users by enrolment status over time



High Cost Health Service Use by Enrolment Status (Table 9)

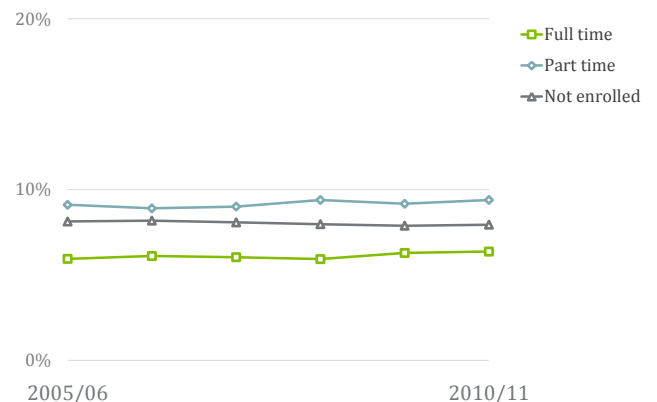
See page 32 for definition of high cost health service use

- A greater proportion of part-time students compared to full-time students were high cost health service users over the study period. Proportions remained relatively stable over the study period.
- Over the study period, non-students had higher rates of high cost health service use than students.

Mental Health Service Use by Enrolment Status (Table 10)

- A greater proportion of part-time students (9.4% in 2010/11) compared to full-time students (6.4% in 2010/11) had received mental health services over the study period. Proportions remained relatively stable over the study period.
- Proportions of mental health service use were also higher for part-time students (9.4% in 2010/11) compared to non-students (7.9% in 2010/11) across the study period.

Percentage of students aged 18 to 25 who used a mental health service by enrolment status over time

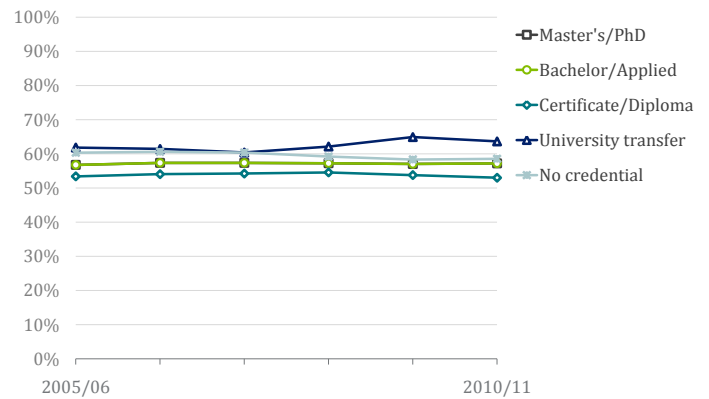


Gender by Credential Type (Table 13)

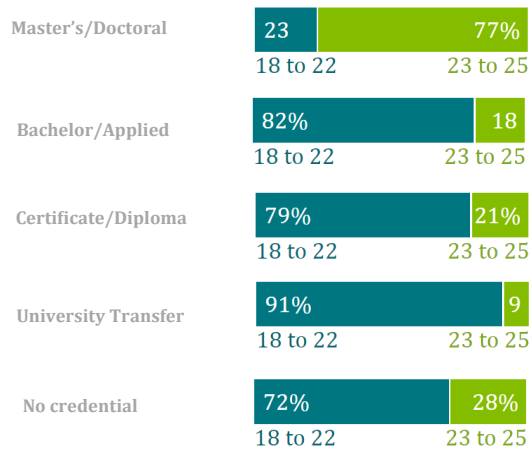
This analysis represents the percentage of female students by credential type over the study period.

- Over the study period, females were more likely than males to be represented in the university transfer (~60%, females; ~40%, males) and "no credential" categories (~60%, females; ~40%, males) See table 13 (p.21) for numbers and percentages of male students by credential type.

Percentage of FEMALE students aged 18 to 25 by post-secondary credential type over time



Percentage of students aged 18 to 25 by credential type and age in 2010/11



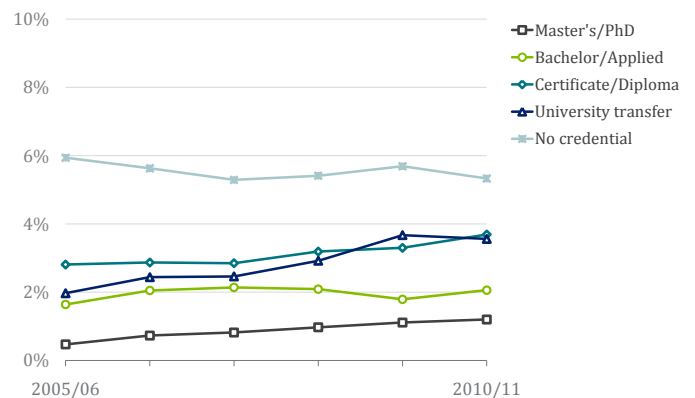
Age by Credential Type (Table 14)

- Across the study period, the vast majority of students enrolled in Bachelor/Applied, Certificate/Diploma and University Transfer programs were between 18 and 22 years (figure shows 2010/11 proportions).
- As expected, students enrolled in Master's/Doctoral programs were older, with over three quarters between 23 and 25 years across the study period. University transfer students were the least likely to be represented in this older age group. Age patterns remained stable over the study period.

Aboriginal Status by Credential Type (Table 15 a and b)

- Over the study period, a greater proportion (between 5% and 6%) of Aboriginal students were represented in the "no credential" category compared to their representation in other credential types.
- Over the study period, between 3% and 4% of students enrolled in Certificate/Diploma programs had identified as Aboriginal.

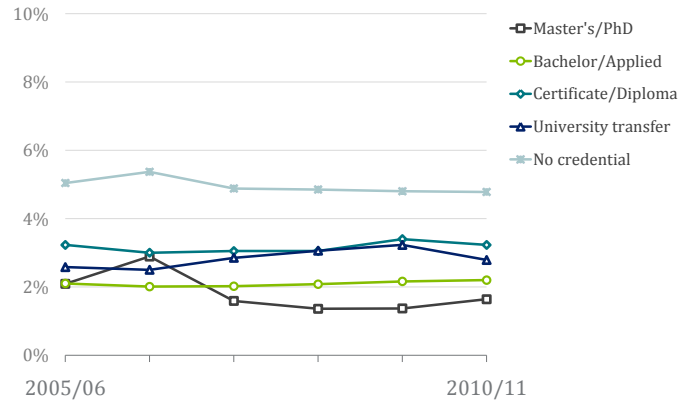
Percentage of students aged 18 to 25 who identified as Aboriginal by credential type over time



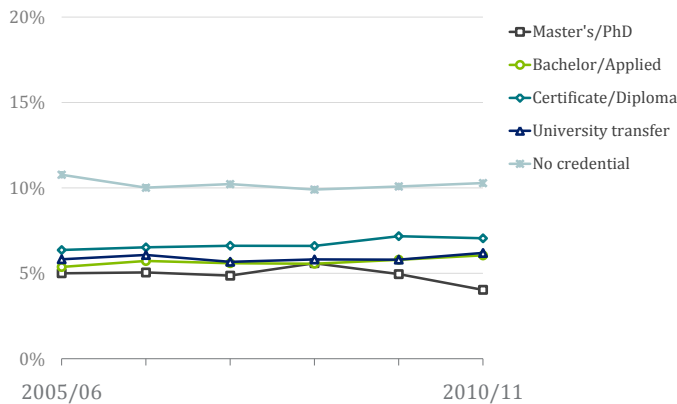
High Cost Health Service Use by Credential Type (Table 16 a and b)

- High cost health service use among “no credential” students was proportionately higher than students in other credential types, but lower than non-students. See Table 9 (p.18) for “not enrolled” numbers and percentages.
- High cost health service users were proportionately lower among students in Master’s/Doctoral programs compared to other students.

Percentage of students aged 18 to 25 who were high cost health service users by credential type over time



Percentage of students aged 18 to 25 who used a mental health service by credential type over time



Mental Health Service Use by Credential Type (Table 17 a and b)

- Mental health service use was most apparent among “no credential” students, hovering at about 10% of students in this category over the study period. This pattern remained consistent over the study period.
- Over the study period, mental health service use was greater among “no credential” (~10%) students compared to non-students (~8%). See Table 10 (p.19) for “not enrolled” numbers and percentages.

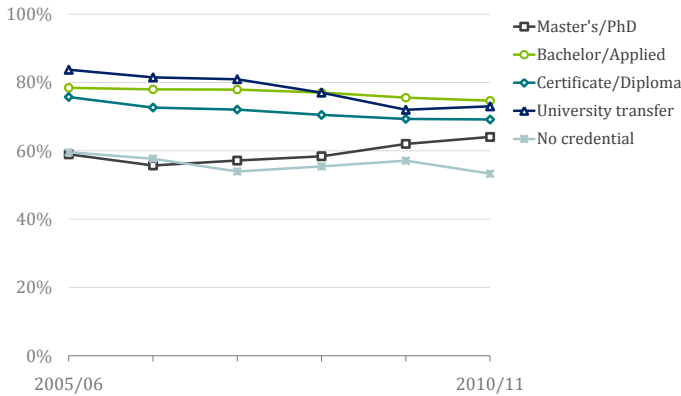
Socio-economic status (SES) by Credential Type in 2010/11 (Table 18 a and b)



In 2010/11:

- Compared to students in other programs, students in Master’s/Doctoral programs were the least represented in the lowest socio-economic neighborhoods (~12%). Because patterns remained relatively stable over the study period, only figures from 2010/11 are shown above.
- Students in “no credential” studies were evenly distributed across the five SES groups.
- Compared to other students, students enrolled in bachelor/applied programs were over-represented in the highest socio-economic neighborhoods (31%).
- Higher proportions of non-post-secondary students were living in the lower socio-economic neighborhoods compared to students. See table 18 a and b (pages 26-27) for numbers and percentages.

Percentage of students aged 18 to 25 who were in the Alberta health care registry by credential type over time



Health Care Registry by Credential Type (Table 19)

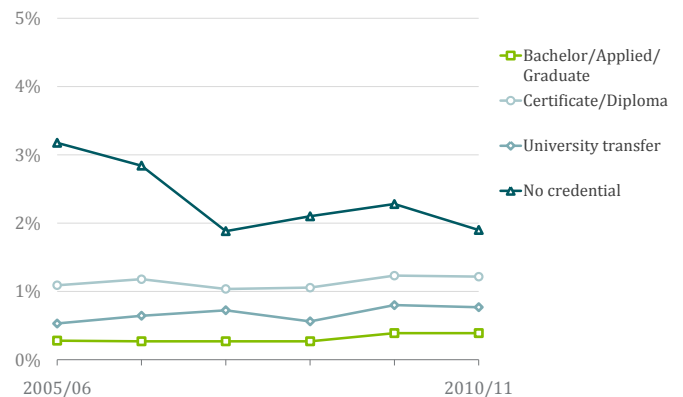
- Compared to other students, students enrolled in Master's/Doctoral and "no credential" programs were the least likely to be registered in Alberta's health care registry.

Criminal Offences by Credential Type (Table 20)

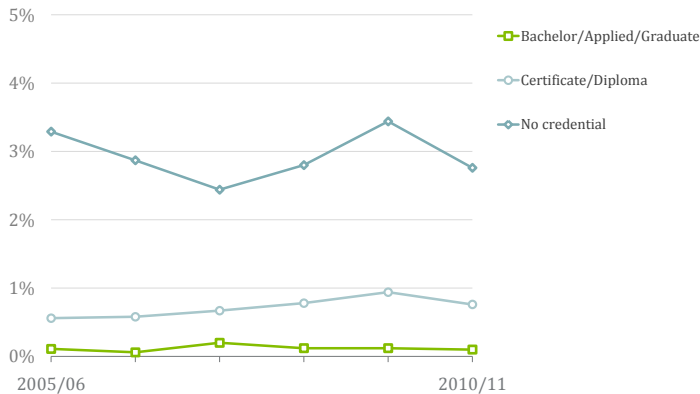
Note that the Bachelor/Applied/Graduate category includes Bachelor, Applied, Master's/Doctoral credential groups.

- Having a criminal offence was not a common occurrence among the post-secondary population, with under 4% of the student population having an offence over the study period.
- Compared to other students, the lowest proportion of students with offences were enrolled in a University Transfer program.

Percentage of students aged 18 to 25 by criminal offences and credential type over time



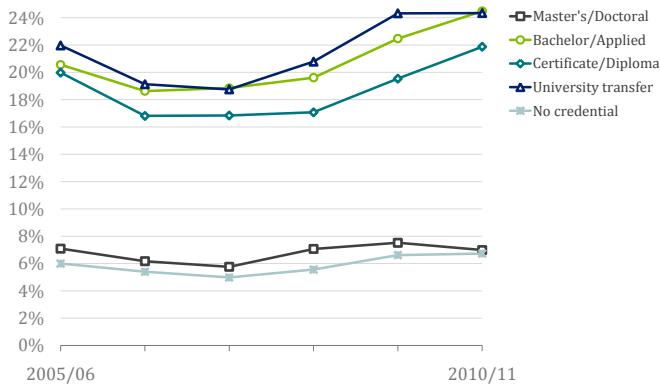
Percentage of students aged 18 to 25 who received income support by credential type over time



Income Support by Credential Type (Table 21)

- Post-secondary students are infrequent users of the Income Support program.
- Income Support use was highest among "no credential" students across all years (~3%).
- Across the study period, rates of Income Support use were lowest among Bachelor/Applied/Graduate students and university transfer students. Note that due to low numbers, the time trend of university transfer students are not shown in graph. See table 21 (p.30) for numbers and percentages.

Percentage of students aged 18 to 25 who received a student loan over time



Post-secondary Student Loans by Credential Type (Table 22)

- Student loan use was lowest among “no credential” students and students enrolled in Master’s/Doctoral programs (under 10% of both student populations across the study period). (See page 34 for definition of Student loans)

Tables

TABLE 1: The number and percentage of students aged 18 to 25 years enrolled in Alberta's publicly-funded post-secondary institutions by study year

Post-secondary students	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of students	119,039	119,192	121,407	122,574	127,427	130,585
Total population (18 to 25 years)	413,016	430,495	440,181	449,572	453,676	455,196
Percentage of the total population enrolled in a post-secondary institution	28.82	27.69	27.58	27.26	28.09	28.69

TABLE 2: The number and percentage of students aged 18 to 25 years enrolled in Alberta's publicly-funded post-secondary institutions by study year and institution type

Post-secondary students	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Universities	58,848	59,756	61,764	61,302	62,458	64,741
Polytechnical	16,373	17,055	16,616	16,758	16,630	16,930
Other	43,818	42,381	43,027	44,514	48,339	48,914
Total N	119,039	119,192	121,407	122,574	127,427	130,585
Not enrolled	293,977	311,303	318,774	326,998	326,249	324,611
Percentage of individuals	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Universities	49.44	50.13	50.87	50.01	49.01	49.58
Polytechnical	13.75	14.31	13.69	13.67	13.05	12.96
Other	36.80	35.56	35.44	36.32	37.93	37.46
Total %	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	71.18	72.31	72.42	72.74	71.91	71.31

TABLE 3: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by study year and region

Post-secondary regions	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals in post-secondary by region						
Calgary	37,828	37,667	38,866	40,110	41,949	43,029
Central	6,023	5,889	6,116	6,230	6,611	6,853
Edmonton	40,848	40,949	39,528	39,467	41,564	42,914
Grande Prairie	2,558	2,519	2,706	2,689	2,935	2,812
Keyano	1,385	1,410	1,594	1,551	1,654	1,742
Lakeland	1,470	1,376	1,407	1,438	1,549	1,605
Lethbridge	5,788	5,560	5,551	5,363	5,617	5,588
Medicine Hat	2,754	2,749	2,775	2,723	2,849	2,937
Northern Lakes	1,556	1,478	1,551	1,572	1,608	1,170
Portage	1,860	1,884	1,849	1,895	1,972	2,066
Total number of individuals in region						
Calgary	130,363	134,944	139,381	143,130	144,978	145,973
Central	31,420	32,586	33,076	33,449	33,722	33,518
Edmonton	138,329	143,469	144,540	147,571	150,615	151,965
Grande Prairie	16,712	17,615	17,913	18,013	17,588	17,442
Keyano	7,493	7,962	8,594	9,160	9,533	9,845
Lakeland	6,404	6,622	6,823	6,978	7,077	7,135
Lethbridge	20,517	20,858	21,195	21,607	22,131	22,376
Medicine Hat	12,104	12,403	12,193	12,137	12,132	12,098
Northern Lakes	10,055	10,183	10,352	10,444	10,546	10,600
Portage	8,453	8,746	9,047	9,346	9,526	9,627
Percentage of individuals in post-secondary by region						
Calgary	29.02	27.91	27.88	28.02	28.93	29.48
Central	19.17	18.07	18.49	18.63	19.60	20.45
Edmonton	29.53	28.54	27.35	26.74	27.60	28.24
Grande Prairie	15.31	14.30	15.11	14.93	16.69	16.12
Keyano	18.48	17.71	18.55	16.93	17.35	17.69
Lakeland	22.95	20.78	20.62	20.61	21.89	22.49
Lethbridge	28.21	26.66	26.19	24.82	25.38	24.97
Medicine Hat	22.75	22.16	22.76	22.44	23.48	24.28
Northern Lakes	15.47	14.51	14.98	15.05	15.25	11.04
Portage	22.00	21.54	20.44	20.28	20.70	21.46

TABLE 4: The number and percentage of students aged 18 to 25 years enrolled in Alberta's publicly-funded post-secondary institutions by study year and enrolment status

Enrolment Status	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of students						
Full Time	93,689	94,020	95,356	97,351	101,771	104,448
Part Time	24,149	24,161	24,851	23,753	23,928	24,647
Total N	117,838	118,181	120,207	121,104	125,699	129,095
Percentage of students						
Full Time	79.51	79.56	79.33	80.39	80.96	80.94
Part Time	20.49	20.44	20.67	19.61	19.04	19.09
Total %	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 5: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by enrolment status, gender and study year

Enrolment status	Gender	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	Female	52,988	53,551	54,284	55,110	57,077	58,366
	Male	40,695	40,464	41,069	42,233	44,691	46,078
	Total	93,683	94,015	95,353	97,343	101,768	104,444
Part Time	Female	14,108	14,210	14,633	14,051	14,126	14,648
	Male	10,027	9,939	10,206	9,688	9,782	9,987
	Total	24,135	24,149	24,839	23,739	23,908	24,635
Not enrolled	Female	134,202	141,599	145,766	150,790	151,321	150,709
	Male	159,774	169,703	172,974	176,156	174,859	173,831
	Total	293,976	311,302	318,740	326,946	326,180	324,540
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	Female	56.56	56.96	56.93	56.61	56.09	55.88
	Male	43.44	43.04	43.07	43.39	43.91	44.12
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Part Time	Female	58.45	58.84	58.91	59.19	59.08	59.46
	Male	41.55	41.16	41.09	40.81	40.92	40.54
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Female	45.65	45.49	45.73	46.12	46.39	46.44
	Male	54.35	54.51	54.27	53.88	53.61	53.56
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 6: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by enrolment status, age and study year

Enrolment status	Age groups	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	18 to 22	77,175	77,232	78,565	80,096	83,477	85,351
	23 to 25	16,514	16,788	16,791	17,255	18,294	19,097
	Total	93,689	94,020	95,356	97,351	101,771	104,448
Part Time	18 to 22	15,973	15,716	15,971	15,154	15,324	16,080
	23 to 25	8,176	8,445	8,880	8,599	8,604	8,567
	Total	24,149	24,161	24,851	23,753	23,928	24,647
Not enrolled	18 to 22	198,350	208,001	211,108	215,976	215,425	214,991
	23 to 25	95,627	103,302	107,666	111,022	110,824	109,620
	Total	293,977	311,303	318,774	326,998	326,249	324,611
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	18 to 22	82.37	82.14	82.39	82.28	82.02	81.72
	23 to 25	17.63	17.86	17.61	17.72	17.98	18.28
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Part Time	18 to 22	66.14	65.05	64.27	63.80	64.04	65.24
	23 to 25	33.86	34.95	35.73	36.20	35.96	34.76
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	18 to 22	67.47	66.82	66.22	66.05	66.03	66.23
	23 to 25	32.53	33.18	33.78	33.95	33.97	33.77
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 7: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by enrolment status, Aboriginal status and study year

Enrolment status	Aboriginal status	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	Yes	2,642	2,797	2,915	3,004	3,030	3,250
	No	91,047	91,223	92,441	94,347	98,741	101,198
	Total	93,689	94,020	95,356	97,351	101,771	104,448
Part Time	Yes	644	677	620	669	652	709
	No	23,505	23,484	24,231	23,084	23,276	23,938
	Total	24,149	24,161	24,851	23,753	23,928	24,647
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	Yes	2.82	2.97	3.06	3.09	2.98	3.11
	No	97.18	97.03	96.94	96.91	97.02	96.89
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Part Time	Yes	2.67	2.80	2.49	2.82	2.72	2.88
	No	97.33	97.20	97.51	97.18	97.28	97.12
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 8: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by enrolment status, educational achievement at grade 12 and study year

Enrolment status	Educational achievement at grade 12	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	Below expectations	51	48	64	47	53	59
	Meeting/above expectations	384	476	571	444	494	725
	Total	435	524	635	491	547	784
Part Time	Below expectations	44	54	61	35	36	56
	Meeting/above expectations	366	403	414	275	330	333
	Total	410	457	475	310	366	389
Not enrolled	Below expectations	2,709	2,702	2,542	2,649	2,832	4,064
	Meeting/above expectations	6,368	6,024	5,935	6,281	6,971	9,060
	Total	9,077	8,726	8,477	8,930	9,803	13,124
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full Time	Below expectations	11.72	9.16	10.08	9.57	9.69	7.53
	Meeting/above expectations	88.28	90.84	89.92	90.43	90.31	92.47
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Part Time	Below expectations	10.73	11.82	12.84	11.29	9.84	14.40
	Meeting/above expectations	89.27	88.18	87.16	88.71	90.16	85.60
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Below expectations	29.84	30.96	29.99	29.66	28.89	30.97
	Meeting/above expectations	70.16	69.04	70.01	70.34	71.11	69.03
	Total	100.00	100.00	100.00	100.00	100.00	100.00

Notes. This analysis considers only those post-secondary students who attended high school in Alberta.

TABLE 9: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by enrolment status, high cost health service use, and study year

Enrolment status	High cost health service use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full time	Yes	1,814	1,693	1,723	1,741	1,844	1,836
	No	68,748	67,706	67,964	68,168	69,910	71,285
	Total	70,562	69,399	69,687	69,909	71,754	73,121
Part time	Yes	629	640	552	572	588	574
	No	13,628	12,981	12,784	12,489	12,739	12,419
	Total	14,257	13,621	13,336	13,061	13,327	12,993
Not enrolled	Yes	14,191	14,539	15,046	15,426	15,643	15,889
	No	223,344	230,682	240,751	251,918	259,336	262,468
	Total	237,535	245,221	255,797	267,344	274,979	278,357
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full time	Yes	2.57	2.44	2.47	2.49	2.57	2.51
	No	97.43	97.56	97.53	97.51	97.43	97.49
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Part time	Yes	4.41	4.70	4.14	4.38	4.41	4.42
	No	95.59	95.30	95.86	95.62	95.59	95.58
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Yes	5.97	5.93	5.88	5.77	5.69	5.71
	No	94.03	94.07	94.12	94.23	94.31	94.29
	Total	100.00	100.00	100.00	100.00	100.00	100.00

Note: High cost health use is defined as the top 5% of health costs for any given age and gender.

TABLE 10: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by enrolment status, mental health service use, and study year

Enrolment status	Mental health service use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full time	Yes	4,193	4,237	4,209	4,148	4,515	4,657
	No	66,370	65,162	65,479	65,764	67,244	68,466
	Total	70,563	69,399	69,688	69,912	71,759	73,123
Part time	Yes	1,299	1,213	1,201	1,226	1,222	1,220
	No	12,959	12,409	12,137	11,837	12,106	11,777
	Total	14,258	13,622	13,338	13,063	13,328	12,997
Not enrolled	Yes	19,332	20,081	20,680	21,313	21,678	22,104
	No	218,344	225,306	235,290	246,212	253,497	256,455
	Total	237,676	245,387	255,970	267,525	275,175	278,559
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Full time	Yes	5.94	6.11	6.04	5.93	6.29	6.37
	No	94.06	93.89	93.96	94.07	93.71	93.63
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Part time	Yes	9.11	8.90	9.00	9.39	9.17	9.39
	No	90.89	91.10	91.00	90.61	90.83	90.61
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Yes	8.13	8.18	8.08	7.97	7.88	7.94
	No	91.87	91.82	91.92	92.03	92.12	92.06
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 12: The number and percentage of students aged 18 to 25 years enrolled in Alberta's publicly-funded post-secondary institutions by study year and credential type

Credential Type	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of students						
Master's/Doctoral	2,143	2,317	2,450	2,574	2,887	3,005
Bachelor/Applied	53,686	56,010	57,280	59,813	64,362	67,334
Certificate/Diploma	29,876	29,922	29,239	29,735	30,288	30,326
University transfer	9,598	7,612	7,317	5,514	4,498	4,548
No credential	23,736	23,331	25,121	24,938	25,392	25,372
Total N	119,039	119,192	121,407	122,574	127,427	130,585
Percentage of students						
Master's/Doctoral	1.80	1.94	2.02	2.10	2.27	2.30
Bachelor/Applied	45.10	46.99	47.18	48.80	50.51	51.56
Certificate/Diploma	25.10	25.10	24.08	24.26	23.77	23.22
University transfer	8.06	6.39	6.03	4.50	3.53	3.48
No credential	19.94	19.57	20.69	20.35	19.93	19.43
Total %	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 13: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, gender and study year

Credential type	Gender	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Female	1,118	1,226	1,308	1,387	1,553	1,627
	Male	1,025	1,090	1,142	1,187	1,334	1,378
	Total	2,143	2,316	2,450	2,574	2,887	3,005
Bachelor/Applied	Female	30,469	32,123	32,849	34,238	36,702	38,512
	Male	23,214	23,885	24,430	25,575	27,657	28,821
	Total	53,683	56,008	57,279	59,813	64,359	67,333
Certificate/Diploma	Female	15,952	16,170	15,856	16,220	16,285	16,076
	Male	13,921	13,749	13,382	13,513	14,002	14,249
	Total	29,873	29,919	29,238	29,733	30,287	30,325
University Transfer	Female	5,933	4,676	4,419	3,426	2,919	2,894
	Male	3,664	2,936	2,898	2,088	1,579	1,654
	Total	9,597	7,612	7,317	5,514	4,498	4,548
No credential	Female	14,312	14,133	15,156	14,751	14,794	14,848
	Male	9,409	9,187	9,952	10,167	10,579	10,510
	Total	23,721	23,320	25,108	24,918	25,373	25,358
Not enrolled	Female	134,202	141,599	145,766	150,790	151,321	150,709
	Male	159,774	169,703	172,974	176,156	174,859	173,831
	Total	293,976	311,302	318,740	326,946	326,180	324,540
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Female	52.17	52.94	53.39	53.89	53.79	54.14
	Male	47.83	47.06	46.61	46.11	46.21	45.86
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	Female	56.76	57.35	57.35	57.24	57.03	57.20
	Male	43.24	42.65	42.65	42.76	42.97	42.80
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Female	53.40	54.05	54.23	54.55	53.77	53.01
	Male	46.60	45.95	45.77	45.45	46.23	46.99
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Female	61.82	61.43	60.39	62.13	64.90	63.63
	Male	38.18	38.57	39.61	37.87	35.10	36.37
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Female	60.33	60.60	60.36	59.20	58.31	58.55
	Male	39.67	39.40	39.64	40.80	41.69	41.45
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Female	45.65	45.49	45.73	46.12	46.39	46.44
	Male	54.35	54.51	54.27	53.88	53.61	53.56
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 14a: The number of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, age group and study year

Credential type	Age group	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	18 to 22	469	557	565	601	717	700
	23 to 25	1,674	1,760	1,885	1,973	2,170	2,305
	Total	2,143	2,317	2,450	2,574	2,887	3,005
Bachelor/Applied	18 to 22	43,606	45,456	46,693	48,842	52,799	55,204
	23 to 25	10,080	10,554	10,587	10,971	11,563	12,130
	Total	53,686	56,010	57,280	59,813	64,362	67,334
Certificate/Diploma	18 to 22	24,139	24,041	23,517	23,864	24,129	24,069
	23 to 25	5,737	5,881	5,722	5,871	6,159	6,257
	Total	29,876	29,922	29,239	29,735	30,288	30,326
University Transfer	18 to 22	8,669	6,880	6,662	5,045	4,042	4,122
	23 to 25	929	732	655	469	456	426
	Total	9,598	7,612	7,317	5,514	4,498	4,548
No credential	18 to 22	16,932	16,602	17,808	17,793	18,213	18,224
	23 to 25	6,804	6,729	7,313	7,145	7,179	7,148
	Total	23,736	23,331	25,121	24,938	25,392	25,372
Not enrolled	18 to 22	198,350	208,001	211,108	215,976	215,425	214,991
	23 to 25	95,627	103,302	107,666	111,022	110,824	109,620
	Total	293,977	311,303	318,774	326,998	326,249	324,611

TABLE 14b: The percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, age group and study year

Credential type	Age group	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	18 to 22	21.89	24.04	23.06	23.35	24.84	23.29
	23 to 25	78.11	75.96	76.94	76.65	75.16	76.71
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	18 to 22	81.22	81.16	81.52	81.66	82.03	81.99
	23 to 25	18.78	18.84	18.48	18.34	17.97	18.01
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	18 to 22	80.80	80.35	80.43	80.26	79.67	79.37
	23 to 25	19.20	19.65	19.57	19.74	20.33	20.63
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	18 to 22	90.32	90.38	91.05	91.49	89.86	90.63
	23 to 25	9.68	9.62	8.95	8.51	10.14	9.37
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	18 to 22	71.33	71.16	70.89	71.35	71.73	71.83
	23 to 25	28.67	28.84	29.11	28.65	28.27	28.17
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	18 to 22	67.47	66.82	66.22	66.05	66.03	66.23
	23 to 25	32.53	33.18	33.78	33.95	33.97	33.77
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 15a: The number of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, Aboriginal status, and study year

Credential type	Aboriginal status	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	10	17	20	25	32	36
	No	2,133	2,300	2,430	2,549	2,855	2,969
	Total	2,143	2,317	2,450	2,574	2,887	3,005
Bachelor/Applied	Yes	882	1,148	1,227	1,250	1,151	1,386
	No	52,804	54,862	56,053	58,563	63,211	65,948
	Total	53,686	56,010	57,280	59,813	64,362	67,334
Certificate/Diploma	Yes	841	860	833	950	1,001	1,120
	No	29,035	29,062	28,406	28,785	29,287	29,206
	Total	29,876	29,922	29,239	29,735	30,288	30,326
University Transfer	Yes	189	186	180	161	165	162
	No	9,409	7,426	7,137	5,353	4,333	4,386
	Total	9,598	7,612	7,317	5,514	4,498	4,548
No credential	Yes	1,410	1,313	1,328	1,348	1,445	1,353
	No	22,326	22,018	23,793	23,590	23,947	24,019
	Total	23,736	23,331	25,121	24,938	25,392	25,372

TABLE 15b: The percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, Aboriginal status, and study year

Credential type	Aboriginal status	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	0.47	0.73	0.82	0.97	1.11	1.20
	No	99.53	99.27	99.18	99.03	98.89	98.80
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	Yes	1.64	2.05	2.14	2.09	1.79	2.06
	No	98.36	97.95	97.86	97.91	98.21	97.94
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Yes	2.81	2.87	2.85	3.19	3.30	3.69
	No	97.19	97.13	97.15	96.81	96.70	96.31
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Yes	1.97	2.44	2.46	2.92	3.67	3.56
	No	98.03	97.56	97.54	97.08	96.33	96.44
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Yes	5.94	5.63	5.29	5.41	5.69	5.33
	No	94.06	94.37	94.71	94.59	94.31	94.67
	Total	100.00	100.00	100.00	100.00	100.00	100.00

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TABLE 16a: The number of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, high cost health service use, and study year

Credential type	High cost health service use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
Master's/Doctoral	Yes	23	32	19	17	20	26
	No	1,076	1,076	1,174	1,236	1,435	1,561
	Total	1,099	1,108	1,193	1,253	1,455	1,587
Bachelor/Applied	Yes	865	859	881	936	1,022	1,078
	No	40,230	41,801	42,665	44,045	46,393	47,970
	Total	41,095	42,660	43,546	44,981	47,415	49,048
Certificate/Diploma	Yes	712	632	620	617	689	651
	No	21,299	20,405	19,707	19,602	19,574	19,534
	Total	22,011	21,037	20,327	20,219	20,263	20,185
University Transfer	Yes	204	152	166	128	103	91
	No	7,717	5,928	5,650	4,056	3,084	3,171
	Total	7,921	6,080	5,816	4,184	3,187	3,262
No credential	Yes	682	690	632	645	669	624
	No	12,858	12,166	12,319	12,651	13,260	12,418
	Total	13,540	12,856	12,951	13,296	13,929	13,042
Not enrolled	Yes	14,191	14,539	15,046	15,426	15,643	15,889
	No	223,344	230,682	240,751	251,918	259,336	262,468
	Total	237,535	245,221	255,797	267,344	274,979	278,357

TABLE 16b: The percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, high cost health service use, and study year

Credential type	High cost health service use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Percentage of individuals							
Master's/Doctoral	Yes	2.09	2.89	1.59	1.36	1.37	1.64
	No	97.91	97.11	98.41	98.64	98.63	98.36
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	Yes	2.10	2.01	2.02	2.08	2.16	2.20
	No	97.90	97.99	97.98	97.92	97.84	97.80
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Yes	3.23	3.00	3.05	3.05	3.40	3.23
	No	96.77	97.00	96.95	96.95	96.60	96.77
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Yes	2.58	2.50	2.85	3.06	3.23	2.79
	No	97.42	97.50	97.15	96.94	96.77	97.21
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Yes	5.04	5.37	4.88	4.85	4.80	4.78
	No	94.96	94.63	95.12	95.15	95.20	95.22
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Yes	5.97	5.93	5.88	5.77	5.69	5.71
	No	94.03	94.07	94.12	94.23	94.31	94.29
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 17a: The number of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, mental health service use, and study year

Credential type	Mental health service use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	55	56	58	70	72	64
	No	1,044	1,052	1,135	1,183	1,383	1,523
	Total	1,099	1,108	1,193	1,253	1,455	1,587
Bachelor/Applied	Yes	2,205	2,439	2,435	2,502	2,747	2,968
	No	38,890	40,221	41,112	42,480	44,668	46,082
	Total	41,095	42,660	43,547	44,982	47,415	49,050
Certificate/Diploma	Yes	1,399	1,371	1,344	1,334	1,454	1,423
	No	20,612	19,666	18,983	18,885	18,812	18,763
	Total	22,011	21,037	20,327	20,219	20,266	20,186
University Transfer	Yes	461	369	330	243	185	202
	No	7,460	5,711	5,486	3,941	3,002	3,060
	Total	7,921	6,080	5,816	4,184	3,187	3,262
No credential	Yes	1,458	1,287	1,324	1,317	1,405	1,341
	No	12,084	11,570	11,629	11,983	12,527	11,704
	Total	13,542	12,857	12,953	13,300	13,932	13,045
Not enrolled	Yes	19,332	20,081	20,680	21,313	21,678	22,104
	No	218,344	225,306	235,290	246,212	253,497	256,455
	Total	237,676	245,387	255,970	267,525	275,175	278,559

TABLE 17b: The percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, mental health service use, and study year

Credential type	Mental health service use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	5.00	5.05	4.86	5.59	4.95	4.03
	No	95.00	94.95	95.14	94.41	95.05	95.97
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	Yes	5.37	5.72	5.59	5.56	5.79	6.05
	No	94.63	94.28	94.41	94.44	94.21	93.95
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Yes	6.36	6.52	6.61	6.60	7.17	7.05
	No	93.64	93.48	93.39	93.40	92.83	92.95
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Yes	5.82	6.07	5.67	5.81	5.80	6.19
	No	94.18	93.93	94.33	94.19	94.20	93.81
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Yes	10.77	10.01	10.22	9.90	10.08	10.28
	No	89.23	89.99	89.78	90.10	89.92	89.72
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Yes	8.13	8.18	8.08	7.97	7.88	7.94
	No	91.87	91.82	91.92	92.03	92.12	92.06
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 18a: The number of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, socio-economic status, and study year

Credential type	Socio-economic status	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Lowest	191	208	211	217	257	269
	Low middle	336	326	268	316	352	369
	Middle	529	546	456	476	567	619
	High middle	239	274	282	290	391	396
	Highest	384	393	421	442	541	571
	Total	1,679	1,747	1,638	1,741	2,108	2,224
Bachelor/Applied	Lowest	6,663	7,016	6,985	6,971	7,572	7,916
	Low middle	7,744	7,992	7,803	8,163	8,817	9,114
	Middle	10,088	10,346	9,833	10,281	11,197	11,989
	High middle	8,417	8,936	9,579	10,338	11,302	12,034
	Highest	13,829	14,740	15,388	16,368	17,567	18,503
	Total	46,741	49,030	49,588	52,121	56,455	59,556
Certificate/Diploma	Lowest	5,873	5,463	5,390	5,293	5,272	5,352
	Low middle	5,219	5,080	4,969	4,935	4,859	5,010
	Middle	5,411	5,352	5,340	5,356	5,418	5,433
	High middle	4,368	4,460	4,471	4,491	4,669	4,800
	Highest	4,827	4,807	4,882	4,942	5,144	5,141
	Total	25,698	25,162	25,052	25,017	25,362	25,736
University Transfer	Lowest	1,608	1,192	1,149	924	793	767
	Low middle	1,705	1,335	1,307	988	834	856
	Middle	1,672	1,245	1,249	880	677	630
	High middle	1,826	1,505	1,453	1,152	979	1,058
	Highest	2,015	1,627	1,528	996	661	707
	Total	8,826	6,904	6,686	4,940	3,944	4,018
No credential	Lowest	4,043	3,961	3,863	3,785	3,964	3,483
	Low middle	3,273	3,082	3,057	3,157	3,258	3,054
	Middle	3,531	3,453	3,460	3,454	3,546	3,428
	High middle	2,532	2,564	2,870	2,933	3,169	2,977
	Highest	3,000	2,894	3,112	3,310	3,672	3,522
	Total	16,379	15,954	16,362	16,639	17,609	16,464
Not enrolled	Lowest	75,087	77,872	78,026	78,098	77,128	76,386
	Low middle	62,551	64,665	64,957	65,814	65,177	64,176
	Middle	53,515	56,436	58,355	59,526	58,921	58,727
	High middle	41,589	44,189	46,557	48,629	49,571	50,126
	Highest	35,320	38,516	41,137	44,155	46,287	47,731
	Total	268,062	281,678	289,032	296,222	297,084	297,146

TABLE 18b: The percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type socio-economic status, and study year

Credential type	Socio-economic status	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Percentage of individuals							
Master's/Doctoral	Lowest	11.38	11.91	12.88	12.46	12.19	12.10
	Low middle	20.01	18.66	16.36	18.15	16.70	16.59
	Middle	31.51	31.25	27.84	27.34	26.90	27.83
	High middle	14.23	15.68	17.22	16.66	18.55	17.81
	Highest	22.87	22.50	25.70	25.39	25.66	25.67
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	Lowest	14.26	14.31	14.09	13.37	13.41	13.29
	Low middle	16.57	16.30	15.74	15.66	15.62	15.30
	Middle	21.58	21.10	19.83	19.73	19.83	20.13
	High middle	18.01	18.23	19.32	19.83	20.02	20.21
	Highest	29.59	30.06	31.03	31.40	31.12	31.07
	Total	100.01	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Lowest	22.85	21.71	21.52	21.16	20.79	20.80
	Low middle	20.31	20.19	19.83	19.73	19.16	19.47
	Middle	21.06	21.27	21.32	21.41	21.36	21.11
	High middle	17.00	17.73	17.85	17.95	18.41	18.65
	Highest	18.78	19.10	19.49	19.75	20.28	19.98
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Lowest	18.22	17.27	17.19	18.70	20.11	19.09
	Low middle	19.32	19.34	19.55	20.00	21.15	21.30
	Middle	18.94	18.03	18.68	17.81	17.17	15.68
	High middle	20.69	21.80	21.73	23.32	24.82	26.33
	Highest	22.83	23.57	22.85	20.16	16.76	17.60
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Lowest	24.68	24.83	23.61	22.75	22.51	21.16
	Low middle	19.98	19.32	18.68	18.97	18.50	18.55
	Middle	21.56	21.64	21.15	20.76	20.14	20.82
	High middle	15.46	16.07	17.54	17.63	18.00	18.08
	Highest	18.32	18.14	19.02	19.89	20.85	21.39
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Not enrolled	Lowest	28.01	27.65	27.00	26.36	25.96	25.71
	Low middle	23.33	22.96	22.47	22.22	21.94	21.60
	Middle	19.96	20.04	20.19	20.10	19.83	19.76
	High middle	15.51	15.69	16.11	16.42	16.69	16.87
	Highest	13.18	13.67	14.23	14.91	15.58	16.06
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 19: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, health care registry, and study year

Credential type	Health care registry	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	1,099	1,108	1,193	1,253	1,455	1,587
	No	764	881	894	892	891	890
	Total	1,863	1,989	2,087	2,145	2,346	2,477
Bachelor/Applied	Yes	41,095	42,660	43,546	44,981	47,415	49,048
	No	11,290	12,038	12,326	13,397	15,334	16,646
	Total	52,385	54,698	55,872	58,378	62,749	65,694
Certificate/Diploma	Yes	22,011	21,037	20,327	20,219	20,263	20,185
	No	7,037	7,913	7,873	8,452	8,960	8,992
	Total	29,048	28,950	28,200	28,671	29,223	29,177
University Transfer	Yes	7,921	6,080	5,816	4,184	3,187	3,262
	No	1,538	1,379	1,368	1,247	1,238	1,205
	Total	9,459	7,459	7,184	5,431	4,425	4,467
No credential	Yes	13,540	12,856	12,951	13,296	13,929	13,042
	No	9,187	9,425	11,049	10,684	10,460	11,427
	Total	22,727	22,281	24,000	23,980	24,389	24,469
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	58.99	55.71	57.16	58.41	62.02	64.07
	No	41.01	44.29	42.84	41.59	37.98	35.93
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	Yes	78.45	77.99	77.94	77.05	75.56	74.66
	No	21.55	22.01	22.06	22.95	24.44	25.34
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Yes	75.77	72.67	72.08	70.52	69.34	69.18
	No	24.23	27.33	27.92	29.48	30.66	30.82
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Yes	83.74	81.51	80.96	77.04	72.02	73.02
	No	16.26	18.49	19.04	22.96	27.98	26.98
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Yes	59.58	57.70	53.96	55.45	57.11	53.30
	No	40.42	42.30	46.04	44.55	42.89	46.70
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 20: The number and percentage of students enrolled in Alberta's publicly-funded post-secondary institutions by credential type, criminal offences, and study year, Albertan adults aged 18 to 25 years

Credential type	Criminal offences	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Bachelor/Applied/Graduate	Yes	158	159	162	170	259	273
	No	55,671	58,168	59,568	62,217	66,990	70,066
	Total	55,829	58,327	59,730	62,387	67,249	70,339
Certificate/Diploma	Yes	326	353	303	314	373	369
	No	29,550	29,569	28,936	29,421	29,915	29,957
	Total	29,876	29,922	29,239	29,735	30,288	30,326
University Transfer	Yes	51	49	53	31	36	35
	No	9,547	7,563	7,264	5,483	4,462	4,513
	Total	9,598	7,612	7,317	5,514	4,498	4,548
No credential	Yes	754	663	473	524	579	482
	No	22,982	22,668	24,648	24,414	24,813	24,890
	Total	23,736	23,331	25,121	24,938	25,392	25,372
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Bachelor/Applied/Graduate	Yes	0.28	0.27	0.27	0.27	0.39	0.39
	No	99.72	99.73	99.73	99.73	99.61	99.61
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Yes	1.09	1.18	1.04	1.06	1.23	1.22
	No	98.91	98.82	98.96	98.94	98.77	98.78
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Yes	0.53	0.64	0.72	0.56	0.80	0.77
	No	99.47	99.36	99.28	99.44	99.20	99.23
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Yes	3.18	2.84	1.88	2.10	2.28	1.90
	No	96.82	97.16	98.12	97.90	97.72	98.10
	Total	100.00	100.00	100.00	100.00	100.00	100.00

TABLE 21: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, income support, and study year

Credential type	Income support	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Bachelor/Applied/Graduate	Yes	34	34	46	71	75	67
	No	55,795	58,293	59,684	62,316	67,174	70,272
	Total	55,829	58,327	59,730	62,387	67,249	70,339
Certificate/Diploma	Yes	166	174	195	232	284	229
	No	29,710	29,748	29,044	29,503	30,004	30,097
	Total	29,876	29,922	29,239	29,735	30,288	30,326
University Transfer	Yes	18	-	19	-	26	11
	No	9,580	-	7,298	-	4,472	4,537
	Total	9,598	-	7,317	-	4,498	4,548
No credential	Yes	781	670	612	699	873	699
	No	22,955	22,661	24,509	24,239	24,519	24,673
	Total	23,736	23,331	25,121	24,938	25,392	25,372
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Bachelor/Applied/Graduate	Yes	0.06	0.06	0.08	0.11	0.11	0.1
	No	99.94	99.94	99.92	99.89	99.89	99.90
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Yes	0.56	0.58	0.67	0.78	0.94	0.76
	No	99.44	99.42	99.33	99.22	99.06	99.24
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Yes	0.19	.	0.26	.	0.58	0.24
	No	99.81	.	99.74	.	99.42	99.76
	Total	100.00	.	100.00	.	100.00	100.00
No credential	Yes	3.29	2.87	2.44	2.80	3.44	2.76
	No	96.71	97.13	97.56	97.20	96.56	97.24
	Total	100.00	100.00	100.00	100.00	100.00	100.00

Notes. Percentages and numbers were replaced with "." and "-" if numerators were under 10.

TABLE 22: The number and percentage of students (aged 18 to 25 years) enrolled in Alberta's publicly-funded post-secondary institutions by credential type, post-secondary student loans, and study year

Credential type	Post-secondary loans	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	152	143	141	182	217	210
	No	1,991	2,174	2,309	2,392	2,670	2,795
	Total	2,143	2,317	2,450	2,574	2,887	3,005
Bachelor/Applied	Yes	11,040	10,433	10,800	11,731	14,462	16,484
	No	42,646	45,577	46,480	48,082	49,900	50,850
	Total	53,686	56,010	57,280	59,813	64,362	67,334
Certificate/Diploma	Yes	5,970	5,029	4,923	5,077	5,918	6,633
	No	23,906	24,893	24,316	24,658	24,370	23,693
	Total	29,876	29,922	29,239	29,735	30,288	30,326
University Transfer	Yes	2,109	1,456	1,372	1,146	1,094	1,107
	No	7,489	6,156	5,945	4,368	3,404	3,441
	Total	9,598	7,612	7,317	5,514	4,498	4,548
No credential	Yes	1,425	1,260	1,252	1,386	1,680	1,708
	No	22,311	22,071	23,869	23,552	23,712	23,664
	Total	23,736	23,331	25,121	24,938	25,392	25,372
Percentage of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Master's/Doctoral	Yes	7.09	6.17	5.76	7.07	7.52	6.99
	No	92.91	93.83	94.24	92.93	92.48	93.01
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Bachelor/Applied	Yes	20.56	18.63	18.85	19.61	22.47	24.48
	No	79.44	81.37	81.15	80.39	77.53	75.52
	Total	100.00	100.00	100.00	100.00	100.00	100.00
Certificate/Diploma	Yes	19.98	16.81	16.84	17.07	19.54	21.87
	No	80.02	83.19	83.16	82.93	80.46	78.13
	Total	100.00	100.00	100.00	100.00	100.00	100.00
University Transfer	Yes	21.97	19.13	18.75	20.78	24.32	24.34
	No	78.03	80.87	81.25	79.22	75.68	75.66
	Total	100.00	100.00	100.00	100.00	100.00	100.00
No credential	Yes	6.00	5.40	4.98	5.56	6.62	6.73
	No	94.00	94.60	95.02	94.44	93.38	93.27
	Total	100.00	100.00	100.00	100.00	100.00	100.00

Definitions and notes (continued)

- **Aboriginal** includes self-declarations of Status Indian/First Nations, Non-status Indian/First Nations, Métis, and Inuit identification.
- **Age, gender,** and postal code (translated into Statistics Canada **dissemination areas**) were provided for each individual by each participating program. In the case of discrepancies between programs, the most common value for an indicator was chosen. In the event of two or more most common values, the value for the indicator was chosen randomly from the most common values.
- The **Alberta Health Care Registry** (also known as the Alberta Health Care Insurance Plan - AHCIP) includes all study participants (aged 0 to 30) who are eligible to receive insured hospital and physician services.
- Five **credential types** are considered in this report including: Master's/Doctoral, Bachelor/Applied, Certificate/Diploma, University transfer, and No credential programs. University transfer programs allow students to start a degree-level program in one institution and then transfer to another institution to complete the degree. Students enrolled in a post-secondary institution, but not pursuing a credential are classified as "no credential" students.
- Individuals with **criminal offences** include those (aged 12 or older) charged with offences under various federal statutes.
- **Cross-ministry analyses included only study participants who were linked across the relevant programs.** This means that not all participants in the project were represented in every analysis. As well, only participants with a value for a given indicator were included in analyses involving that indicator (i.e., missing values were excluded).
- **Educational achievement** was computed by Alberta Education using age, grade, school type, special education codes, provincial achievement test scores, home education status, number of high school credits earned, number of higher level courses taken, average grade in higher level courses, possession of an Alberta Education certificate or diploma, and Alexander Rutherford scholarship eligibility. Educational achievement was categorized as above, meeting, or below expectations for a student's age and grade. An educational achievement rating was not available for youth in 'other' schools (accredited post-secondary institutions offering high school courses for credit to adults; most youth in these schools were between 18 and 20 years), for home-schooled high school youth with no credits, and for students in grades lower than 3.
- **English as a Second Language (ESL)** students are students (aged 3.5 to 19) who receive whose first language is not English and who are receiving supports to improve their proficiency in English.
- **Enrolment status** refers to post-secondary students enrolled either full time or part time in the school year. Full time students are enrolled in at least 60% of a full course load in at least one session in the academic years. Part time students were enrolled in less than 60% of a full course in all sessions attended for the academic year.
- **High cost health service use:** Cost estimates per type of service across physician visits (general practitioner or specialist), ambulatory care visits (emergency or other ambulatory care), and hospitalizations (by type of service) were obtained from the Canadian Institute for Health Information. Estimated costs per visit were summed across all visits for each individual. High cost health users were those in the top 5% of estimated costs for their age groups and genders.

Definitions and notes (continued)

- **Income Support** provides financial assistance to individuals (aged 16 and older) who are unable to meet their basic needs.
- Alberta Education provides the **Kindergarten to Grade 12 educational system** to Albertan students between the ages of 5 and 19 years of age.
- **Mental health service** was defined by the presence or absence of mental health diagnosis codes (Two or more ICD-9: 290-309.9, 311-314.9, 316, or a single ICD-10CA: F00-F06.9, F09-F69, F84-F99, G31.2, G44.2, R41.0) in Alberta Health and Wellness' databases (Inpatient—Discharge Abstract Database, Ambulatory Care, and Practitioner Payments), or in the Family Support for Children with Disabilities (FSCD) or the Assured Income for the Severely Handicapped (AISH) information systems. Only Albertans who were registered with the Alberta Health Care Insurance Plan for the full fiscal year or who had a mental health service with FSCD or AISH were included. Mental health service use is a proxy for presence of a mental health condition; some youth with mental health conditions may not have accessed mental health services in Alberta during the year, and some mental health service use may have occurred for youth who did not in fact have mental health conditions.
- **Post-secondary** students are individuals in this report (aged 18 to 25 years) who were enrolled in publicly-funded post-secondary institutions in Alberta.
- **Post-secondary** service delivery **regions** were used for regional analyses. Dissemination areas from the 2006 Statistics Canada Census were used to determine region. Those with missing dissemination areas are excluded from analyses. There are ten regions (Northern Lakes, Keyano, Grande Prairie, Edmonton, Portage, Central, Lakeland, Calgary, Medicine Hat and Lethbridge); the boundaries for these regions are shown on the map.
- **Report population:** For this report, age groups were equated across study years. This meant that individuals over the age of 25 years were excluded from analyses by year, because no study participants were older than 25 years in the first study year.
- **Socio-economic status (SES)** captures the social and material environments in which individuals live. An individual was assigned a socio-economic status via an index based on the Statistics Canada dissemination area in which he or she resided⁵. Six indicators were included in the index: percent without a high school diploma, the employment rate, average income, percent of single families, percent of persons living alone, and percent of persons separated, divorced, or widowed. Socio-economic status values fell into five quintiles.



Definitions and notes (continued)

- Student Aid Alberta provides eligible students with **student loans** (Alberta and Canada) to meet their basic learning and living costs during their time as post-secondary students.
- **Students with special needs** (aged 2.5 to 19) receive special education programming services.
- **Study population:** The study included individuals with a date of birth between April 1, 1980 and March 31, 2011 and who received services from one of the programs in the study or were registered in the Alberta Health Care Insurance Plan between April 1, 2005 and March 31, 2011. The youngest study participants were those born in the last study year. The oldest study participants were 25 years old at the end of the first study year and consequently 30 years old at the end of the last study year.
- **Tables** are shown by post-secondary study year.

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The ^{asd}Child and Youth Data Laboratory

The **Child and Youth Data Laboratory's** (CYDL's) Longitudinal Project (*Experiences of Albertan Children and Youth over Time, 2005/06 to 2010/11*) is a joint initiative between PolicyWise for Children & Families and participating ministries in the Government of Alberta. The mandate of the CYDL is to link and analyse administrative data from Government ministries, to provide evidence for policy and program development.

The CYDL is managed by **PolicyWise for Children & Families**. PolicyWise is a not-for-profit organization whose mission is to develop and integrate evidence to inform, identify and promote effective public policy and service delivery to improve the well-being of children, families and communities in Alberta, Canada and internationally.

This project

The current project, **The CYDL Longitudinal Project**, focuses on understanding the experiences of Albertan children and youth as they develop. The focus is service use within and across ministries, as it is related to key indicators and to the passage of time. Studying experiences over several years of development adds a valuable level of richness to an already ground-breaking initiative, providing detailed insight into the factors that help to shape our children and youth as they develop.

Our partners

This project was carried out on behalf of six ministries of the Government of Alberta. Each ministry collaborated extensively with the CYDL on this project, and their dedication to the project is gratefully acknowledged:

Advanced Education
Education

Health
Human Services

Indigenous Relations
Justice and Solicitor General

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Suggested citation

Child and Youth Data Laboratory (2016). *Post-secondary students in Alberta*. Edmonton: PolicyWise for Children & Families.

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This study is based in part on data provided by the Government of Alberta. The interpretation and conclusions contained herein are those of the researchers and do not necessarily represent the views of the Government of Alberta. The Government of Alberta does not express any opinion in relation to this study.



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