

A profile of children in Alberta receiving Child Care Subsidy

Child and Youth Data Laboratory (CYDL) Longitudinal Project

Introduction

The Ministry of Children’s Services (formerly Human Services) provides financial assistance to eligible lower-income families using day care centres, group family child care, family day homes, out-of-school care centres, pre-schools, and early childhood development programs. This report is an overview of the experiences of Albertan children (0 to 8 years) who were Child Care Subsidy recipients from 2005/06 to 2010/11.

Months in care was defined as the number of months Albertan children received Child Care Subsidy in a given study year. Months in care was grouped into two categories in this report: 1 to 6 months and 7 to 12 months.

Type of care was grouped into Day Care, Family Day Home, Out of School Care, Pre-School Care, Group Family Child Care, and Early Childhood Development. In this report, only the first four groups were considered due to small population for the last two groups. For further details see *Definitions and Notes* (p. 30)



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Key findings

- The population of Child Care Subsidy recipients aged 0 to 8 years, increased from 5.2% in 2005/06 to 6.6% in 2010/11.
- Edmonton and South region (see *Definitions and Notes*; p. 29) had higher proportions of Child Care Subsidy recipients compared to other regions.
- Child Care Subsidy recipients had higher mental health service use and more residential moves, compared to the rest of population in the same age group.
- The proportion of children (aged 0 to 8 years) who received Day Care service decreased, and the proportion of children who received Out of School Care increased from 2005/6 to 2010/11.
- More than 50% of Child Care Subsidy recipients lived in a lower socio-economic status neighbourhood during the study period.
- 10 to 16% of Child Care Subsidy recipients who were in Day Care, Family Day Home, and Out of School Care also received Child Support Services (Dependents). The rate of Child Support Service use for the general population is less than 3%.

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

Background literature

Providing a context for the current report, this section highlights select literature focusing on factors related to Child Care Subsidy recipients.

Child care subsidy programs help lower-income parents to pursue their financial or educational goals by providing various types of supports to their children.

Experiences of children in child care centres have a great impact on their academic, psychosocial, and behavioral functioning¹. The size and direction of the impact also depends on type, quality, quantity and stability of care^{1,2,3}.

The impact of child care subsidies on children's development and well-being is one of the main issues investigated in numerous studies¹². Access to consistent and on-going child care subsidies allow children to remain with continuous and stable care programs. Children in these child care settings show less behavioral problems⁴, more secure attachments with caregivers⁵, a better cognitive proficiency⁶, positive adjustment in school⁷, and overall well-being⁸. On the other hand, frequent changes in child care arrangements leads to negative social, emotional, and cognitive outcomes⁹.

Several studies in the US show that the receipt of Child Care Subsidy is usually unstable^{1,10,11}. This can be due to changing child care centres, changes in employment status of parents, etc.

Consistent receipt of child care subsidies is particularly important for children from high-risk families such as those involved with child intervention, child support services etc. This is because children in high-risk families might experience various problems including low-birth weight, maltreatment, poverty, substance abuse, and mental illness¹.

The service use patterns of Child Care Subsidy recipients in other areas are less well documented. This report provides new data on government program involvement for Child Care Subsidy recipients, including health and mental health service use, Child Support Services, Child Intervention, and Students with special needs.

Footnotes

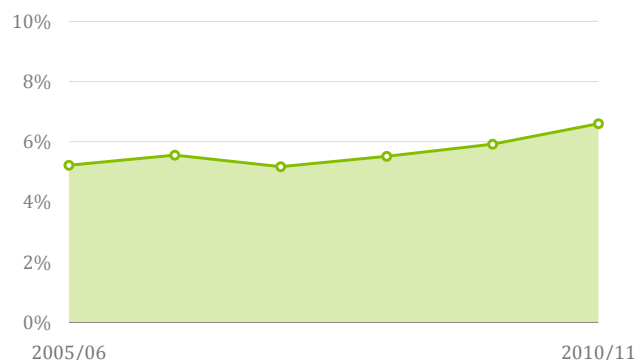
- Ninety-five percent confidence intervals were calculated to enable comparison of statistical differences between groups. The Cochran-Armitage trend test was used to test trends over time. Only effects that apply to a meaningful proportion of the population were noted in the text. See <https://visualization.policywise.com/P2dashboard/CCSStat.xlsx>.

Child Care Subsidy by study year (Table 1; p. 11)

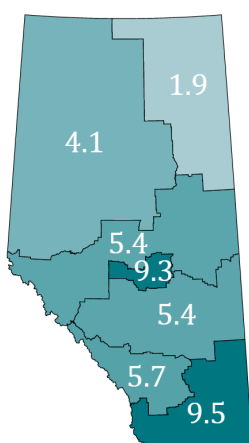
The following analyses consider Albertan children (aged 0 to 8 unless otherwise specified) who were Child Care Subsidy recipients.

- In each study year, around 5% to 7% of Albertans received Child Care Subsidy (20,828-31,094 per year compared to 378,131- 440,058 per year with no Child Care Subsidy).
- There was a general increase in Child Care Subsidy recipients from 2005/06 to 2010/11.

Percentage of Albertans aged 0 to 8 with Child Care Subsidy service over time



Percentage of Albertans ages 0 to 8 who received Child Care Subsidy in 2010/11



CS/CSS service delivery regions (Table 2; p. 11)

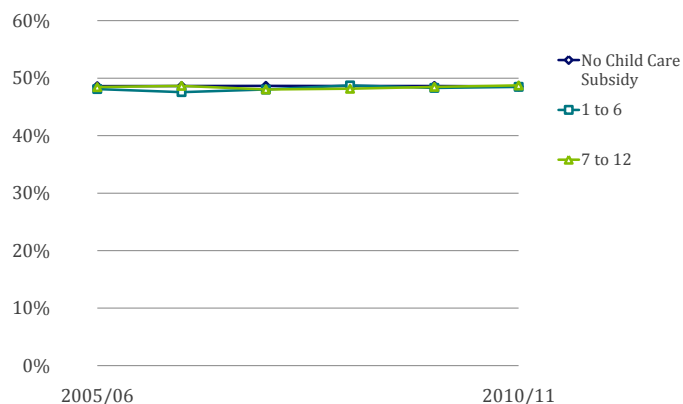
For information on regional analyses and legend, see *Definitions and Notes* (p. 29). Rates are shown for 2010/2011.

- Over 9% of children in Edmonton and South region were in the Child Care Subsidy program.
- A smaller proportion of individuals in northern regions received Child Care Subsidy.

Gender by months in care (Table 3; p. 12)

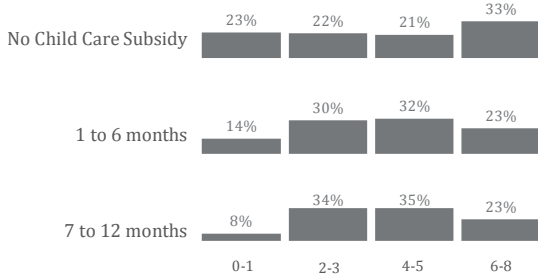
- Over the study period, the percentage of female recipients of Child Care Subsidy was close to 50%.
- The gender distribution of Child Care Subsidy recipients remained stable over the time.

Percentage of Albertans aged 0 to 8 who were FEMALE, by number of months in care over time



Age group by months in care (Table 4; p. 13)

Percentage of Child Care Subsidy recipients, by age group in 2010/11 and months in care



Age shown is for 2010/11.

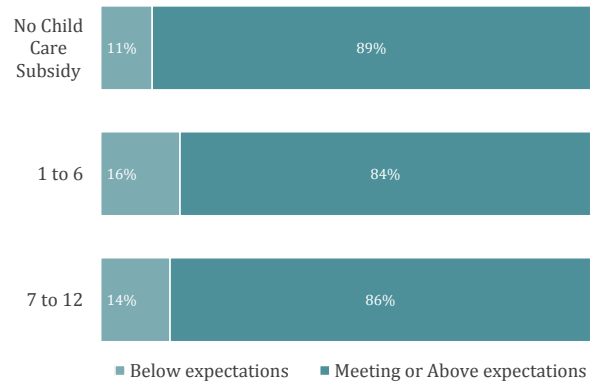
- More children aged 2 to 5 years received Child Care Subsidy.
- This pattern is consistent for both “months in care” categories (1 to 6 and 7 to 12 months)

Educational Achievement by months in care (Table 5; p. 14)

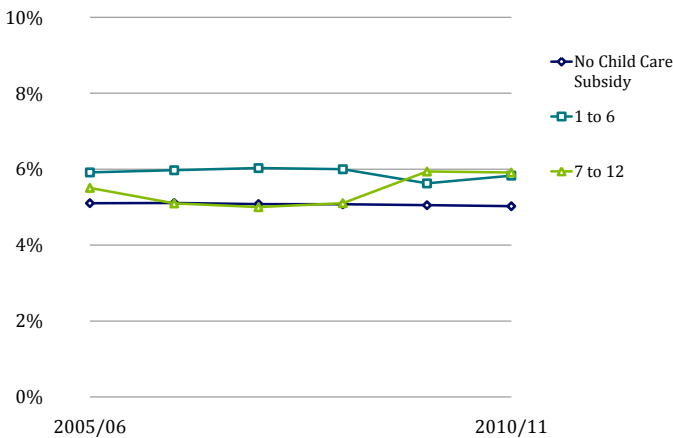
For a definition of educational achievement see *Definitions and Notes* (p. 29). Educational achievement shown is for 2010/11.

- 89% of non-Child Care Subsidy recipients were meeting or above educational expectations in the study year; the percentage for Child Care Subsidy recipients with 1 to 6 months in care was 84% and for Child Care Subsidy recipients with 7 to 12 months in care was 86%.

Educational Achievement by months in care for Child Care Subsidy Recipients in the 2010/11 study year



Percentage of Child Care Subsidy recipients who were high cost health service users by months in care over time



High cost health service use by months in care (Table 6; p. 15)

For a definition of high cost health service users see *Definitions and Notes* (p. 29).

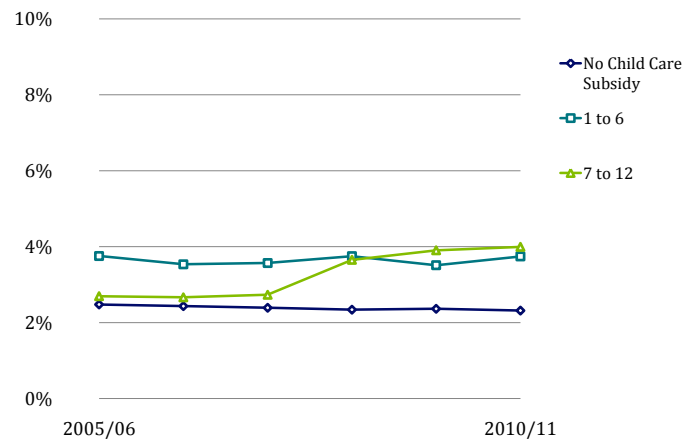
- Around 5 to 6% of individuals receiving Child Care Subsidy were high cost health service users over the study period.

Mental health services by months in care (Table 7; p. 16)

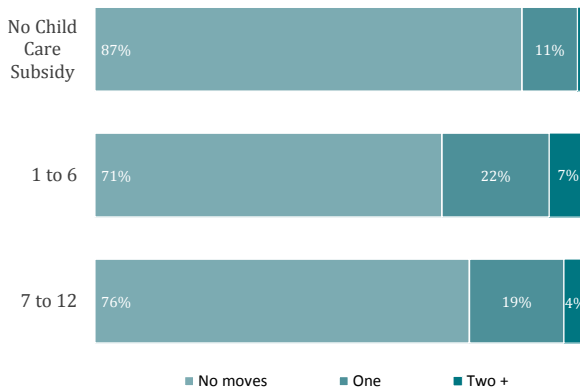
Mental health service use is defined as receipt of a diagnosis from select services. See *Definitions and Notes* for more details (p. 30).

- Generally, the proportions of mental health service use were higher for children receiving Child Care Subsidy compared to the rest of population.

Percentage of Child Care Subsidy recipients who used mental health services by months in care over time



Residential mobility by months in care for Child Care Subsidy recipients in 2010/11 study year



Residential mobility by months in Care (Table 8; p. 17)

Residential mobility was determined using the number of unique postal codes in the Alberta Health registry. See *Definitions and Notes* for more details (p. 30). Residential mobility is shown in 2010/11.

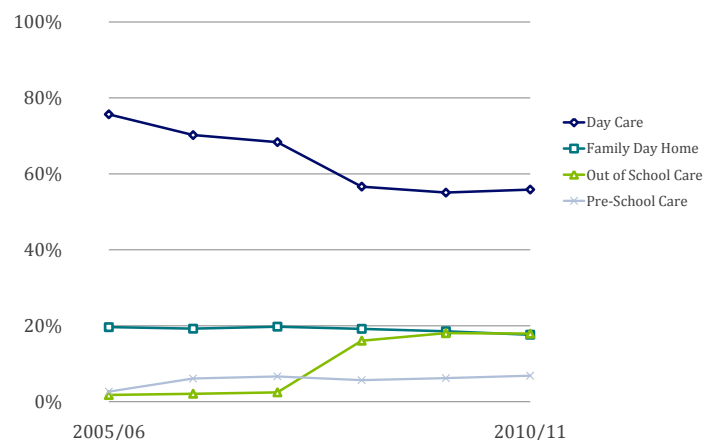
- Child Care Subsidy recipients had more residential moves than the rest of the same age population.
- Children receiving Child Care Subsidy for a longer period (7 to 12 months) had less residential mobility compared to 1 to 6 months.

Child Care Subsidy by type of care (Table 9; p. 18)

This analysis shows the type of care that Child Care Subsidy recipients (aged 0 to 8) received over the study period.

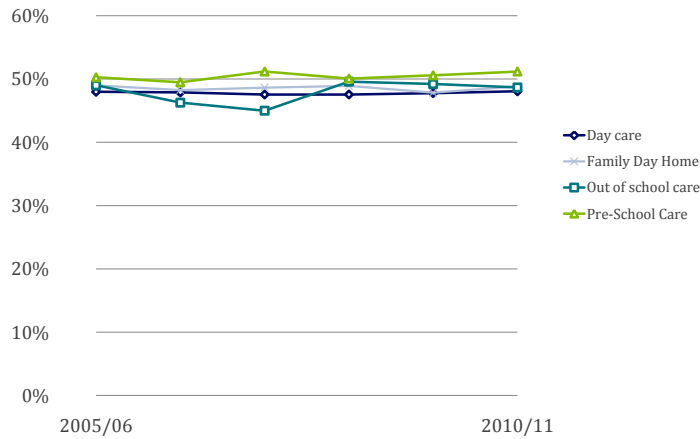
- Among Child Care Subsidy recipients, 15,766-17,374 were in Day Care, 4,094-5,488 were in Family Day Home, 371-5,576 were in Out of School Care, and 552-2,134 were in Pre-School Care in any given study period.
- The proportion of recipients who were in Day Care decreased and the proportion of recipients who were in Out of School Care increased over time.

Percentage of Child Care Subsidy recipients by type of care over time



Child Care Subsidy

Percentage of Albertans aged 0 to 8 who were FEMALE, by type of care



Gender by type of care (Table 10; p. 19)

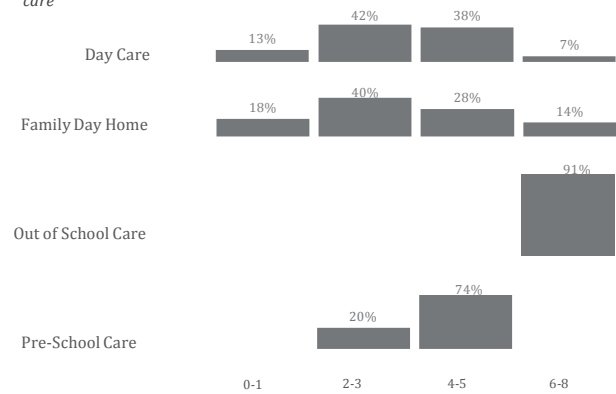
- Close to 50% of Child Care Subsidy recipients were female.

Age group by type of care (Table 11; p. 20)

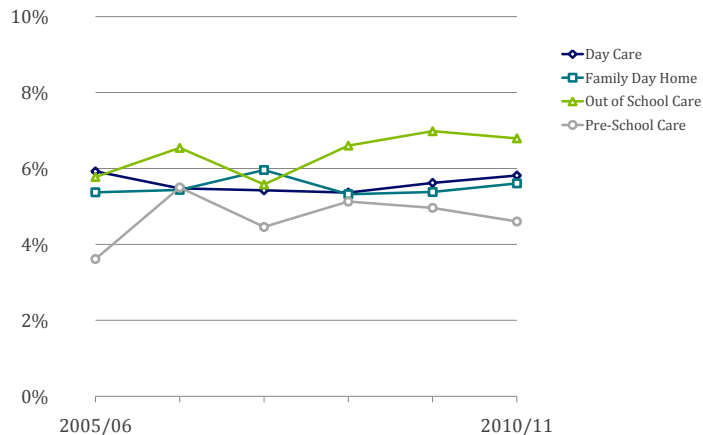
Age shown is for 2010/11. For population size less than 10, the graph is suppressed.

- The majority of recipients in the Day Care and Family Day Home categories were in the first three age groups.
- Pre-School recipients were mostly between 4 and 5 years and Out of School Care recipients were between 6 to 8 years.

Percentage of Child Care Subsidy recipients by age group in 2010/11 and type of care



Percentage of Child Care Subsidy recipients who were high cost health service users by type of care over time



High cost health service use by type of care (Table 12; p. 21)

For a definition of high cost health service users see *Definitions and Notes* (p. 29).

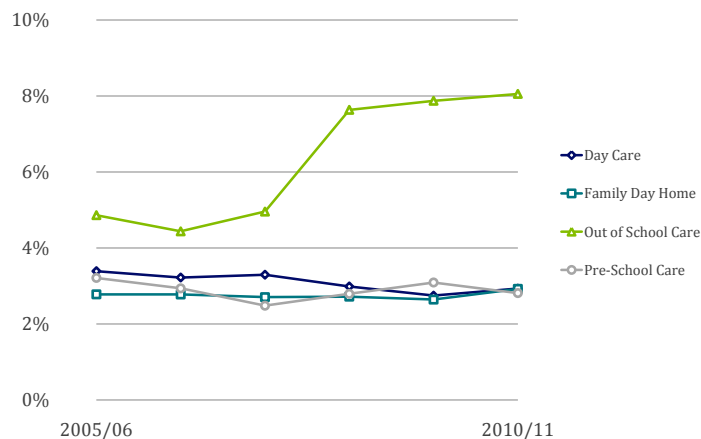
- There was no a significant trend of high cost health service use among various Child Care Subsidy groups over the study period.

Mental health service by type of care (Table 13; p. 22)

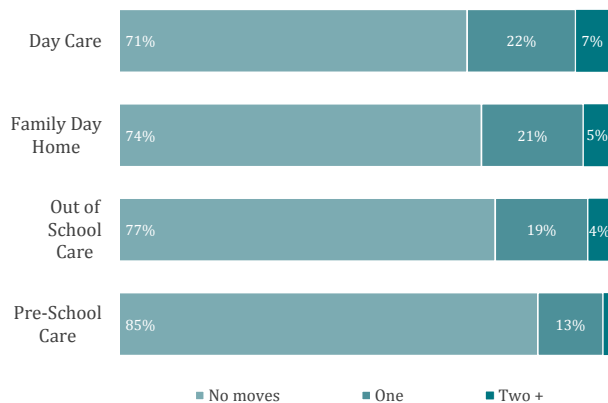
Mental health service use is defined as receipt of a diagnosis from select services. See *Definitions and Notes* for more details (p. 30).

- The proportion of Out of School Care clients who received mental health services increased over the study period.

Percentage of Child Care Subsidy recipients who used a mental health service by type of care over time



Residential mobility by type of care for Child Care Subsidy recipients in 2010/11 study year



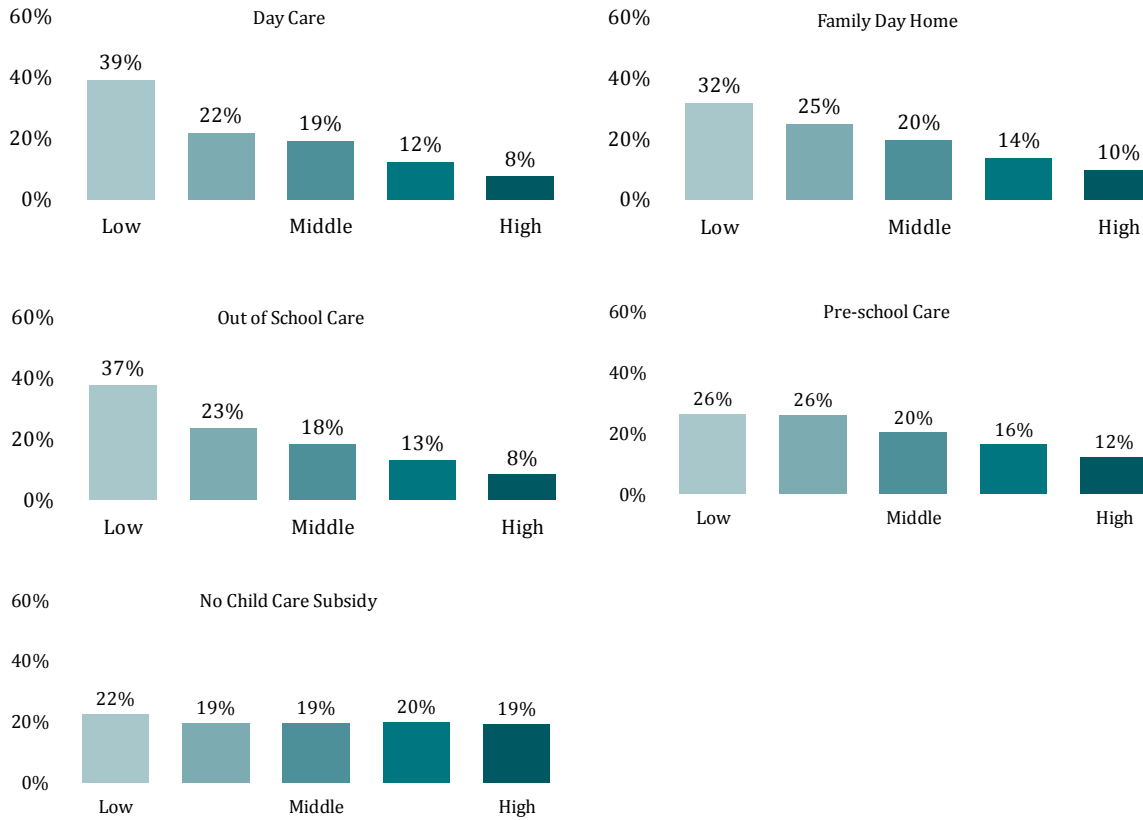
Residential mobility by type of care (Table 14; p. 23)

Residential mobility was determined using the number of unique postal codes in the Alberta Health registry- see *Definitions and Notes* (p. 30). Residential mobility is shown in 2010/11.

- Pre-School Care recipients had the least number of residential moves compared to recipients of other types of care.

Socio-economic status by type of care (Table 15; p. 24)

Socio-economic status by type of care for Child Care Subsidy recipients for the 2010/11 study year.



Socio-economic status (SES) captures the social and material environments in which individuals lived. See *Definitions and Notes* for further information (p. 30). Socio-economic status shown is for the 2010/11 study year. Note that due to rounding, quintiles may not add up to 100%.

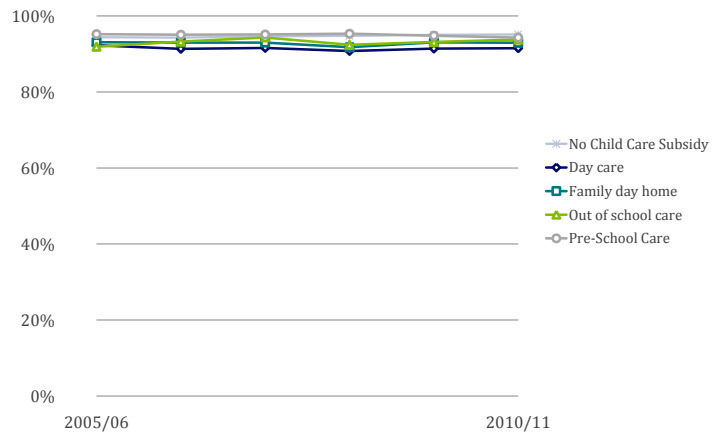
- For any type of care, more than 50% of Child Care Subsidy recipients lived in a low or low-middle socio-economic neighbourhood.

Health Care Registration by type of care (Table 16; p. 25)

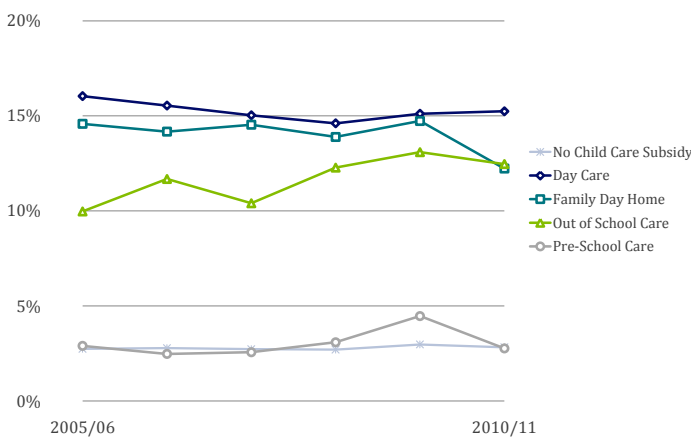
The Alberta Health Care Registry includes all children or youth who are eligible to receive insured hospital and physician services. See *Definitions and Notes* (p. 29).

- 91% to 95% of Child Care Subsidy recipients (with any type of care) were registered with Alberta Health Care Registry in a given study year.

Percentage of Child Care Subsidy recipients who were in the Alberta health care registry, by type of care



Percentage of Child Care Subsidy recipients who were Child Support Services clients, by type of care



Child Support Services by type of care (Table 17; p. 26)

This analysis includes individuals aged 0 to 8 who were dependents receiving Child Support Services. See *Definitions and Notes* (p. 29).

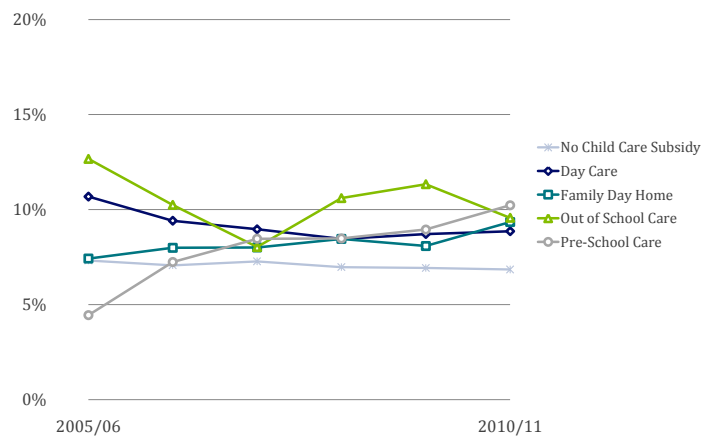
- Around 10 to 16% of Child Care Subsidy recipients who were in Day Care, Family Day Home, and Out of School Care also received Child Support Services (Dependents).
- Less than 5% of Pre-School Care subsidy recipients also received Child Support Services (Dependents).

Students with special needs by type of care (Table 18; p. 27)

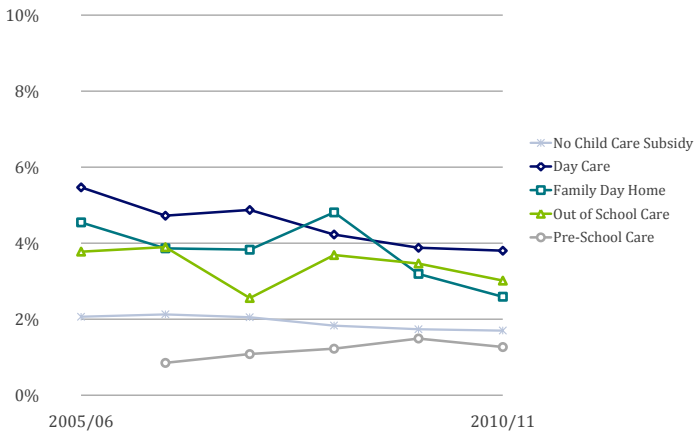
This analysis considers students with special needs aged 0 to 8 years. See *Definitions and Notes* (p. 30).

- In most cases, the proportion of Child Care Subsidy recipients who were also students with special needs was higher than the rest of population (with no Child Care Subsidy).

Percentage of Child Care Subsidy recipients who were students with special needs, by type of care



Percentage of Child Care Subsidy recipients who were Child Intervention clients, by type of care



Child Intervention service by type of care (Table 19; p. 28)

This analysis considers children receiving Child Intervention services (aged 0 to 8 years) . See *Definitions and Notes* (p. 29).

- A lower proportion of Pre-School Care subsidy recipients received Child Intervention services compared to recipients using other types of care.

Tables

TABLE 1: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by study year

Child Care Subsidy recipients	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of Child Care Subsidy recipients	20,828	23,132	22,215	24,481	27,015	31,094
Total population (0 to 8 years)	398,959	416,281	429,275	443,533	456,405	471,152
Percentage of the total population received Child Care Subsidy	5.22	5.56	5.18	5.52	5.92	6.6

TABLE 2: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by CS/CSS service delivery regions

Region	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals in Child Care Subsidy						
Calgary	5,794	6,429	6,152	6,870	7,642	9,339
Central	1,750	1,921	1,823	1,893	2,276	2,851
Edmonton	8,451	9,688	9,228	9,971	10,656	12,634
North Central	955	976	881	997	1,167	1,325
Northeast	118	114	103	97	124	182
Northwest	856	799	766	864	1,023	1,219
South	1,969	2,184	2,292	2,573	2,968	3,514
Total N	19,893	22,111	21,245	23,265	25,856	31,064
Total number of individuals in region						
Calgary	134,852	140,941	146,080	152,139	157,519	164,703
Central	46,985	49,012	50,300	51,365	52,228	53,244
Edmonton	110,472	115,935	120,072	124,859	129,543	135,171
North Central	22,434	22,850	23,345	23,702	24,063	24,536
Northeast	6,944	7,247	7,777	8,196	8,860	9,434
Northwest	26,087	27,039	27,633	28,165	28,728	29,505
South	31,374	32,466	33,825	34,663	35,835	36,937
Total N	379,148	395,490	409,032	423,089	436,776	453,530
Percentage of Child Care Subsidy recipients by region						
Calgary	4.30	4.56	4.21	4.52	4.85	5.67
Central	3.72	3.92	3.62	3.69	4.36	5.35
Edmonton	7.65	8.36	7.69	7.99	8.23	9.35
North Central	4.26	4.27	3.77	4.21	4.85	5.40
Northeast	1.70	1.57	1.32	1.18	1.40	1.93
Northwest	3.28	2.95	2.77	3.07	3.56	4.13
South	6.28	6.73	6.78	7.42	8.28	9.51

Tables

TABLE 3: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by gender and number of months in care in the study year

Months in Care	Gender	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
No Child Care Subsidy	Female	183,800	191,190	198,099	203,765	208,835	213,715
	Male	194,329	201,953	208,959	215,280	220,547	226,339
	Total	378,129	393,143	407,058	419,045	429,382	440,054
1 to 6	Female	5,536	5,562	5,613	5,778	6,131	6,728
	Male	5,971	6,130	6,073	6,078	6,561	7,149
	Total	11,507	11,692	11,686	11,856	12,692	13,877
7 to 12	Female	4,103	5,054	4,565	5,462	6,256	7,510
	Male	4,366	5,333	4,938	5,879	6,647	7,899
	Total	8,469	10,387	9,503	11,341	12,903	15,409
Percentage of individuals							
No Child Care Subsidy	Female	48.61	48.63	48.67	48.63	48.64	48.57
	Male	51.39	51.37	51.33	51.37	51.36	51.43
	Total	100	100	100	100	100	100
1 to 6	Female	48.11	47.57	48.03	48.73	48.31	48.48
	Male	51.89	52.43	51.97	51.27	51.69	51.52
	Total	100	100	100	100	100	100
7 to 12	Female	48.45	48.66	48.04	48.16	48.48	48.74
	Male	51.55	51.34	51.96	51.84	51.52	51.26
	Total	100	100	100	100	100	100

Tables

TABLE 4: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by age groups and months in care

Months in Care	Age groups	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
No Child Care Subsidy	0 to 1	83,964	90,816	97,352	101,434	102,808	102,199
	2 to 3	78,300	81,681	84,953	90,151	95,187	98,087
	4 to 5	78,034	80,656	84,982	87,833	89,077	93,555
	6 to 8	137,833	139,996	139,773	139,634	142,318	146,217
	Total	378,131	393,149	407,060	419,052	429,390	440,058
1 to 6	0 to 1	2,031	1,958	1,887	1,959	2,114	2,103
	2 to 3	3,860	3,723	3,560	3,647	3,989	4,515
	4 to 5	3,783	4,002	4,144	3,979	4,147	4,798
	6 to 8	2,394	2,671	2,741	3,095	3,273	3,460
	Total	12,068	12,354	12,332	12,680	13,523	14,876
7 to 12	0 to 1	958	1,022	908	938	1,065	1,258
	2 to 3	3,621	4,429	4,010	4,121	4,547	5,555
	4 to 5	3,793	4,871	4,577	4,475	4,728	5,675
	6 to 8	388	456	388	2,266	3,152	3,729
	Total	8,760	10,778	9,883	11,800	13,492	16,217
Percentage of individuals							
No Child Care Subsidy	0 to 1	22.21	23.10	23.92	24.21	23.94	23.22
	2 to 3	20.71	20.78	20.87	21.51	22.17	22.29
	4 to 5	20.64	20.52	20.88	20.96	20.75	21.26
	6 to 8	36.45	35.61	34.34	33.32	33.14	33.23
	Total	100	100	100	100	100	100
1 to 6	0 to 1	16.83	15.85	15.30	15.45	15.63	14.14
	2 to 3	31.99	30.14	28.87	28.76	29.50	30.35
	4 to 5	31.35	32.39	33.60	31.38	30.67	32.25
	6 to 8	19.84	21.62	22.23	24.41	24.20	23.26
	Total	100	100	100	100	100	100
7 to 12	0 to 1	10.94	9.48	9.19	7.95	7.89	7.76
	2 to 3	41.34	41.09	40.57	34.92	33.70	34.25
	4 to 5	43.30	45.19	46.31	37.92	35.04	34.99
	6 to 8	4.43	4.23	3.93	19.20	23.36	22.99
	Total	100	100	100	100	100	100

Tables

TABLE 5: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by educational achievement and months in care

Months in Care	Educational achievement	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
No Child Care Subsidy	Below Expectations	25,112	21,902	17,799	13,202	8,299	2,963
	Meeting or Above Expectations	170,009	145,821	120,009	89,226	57,388	25,228
	Total	195,121	167,723	137,808	102,428	65,687	28,191
1 to 6	Below Expectations	1,110	830	591	392	208	85
	Meeting or Above Expectations	5,112	4,139	2,974	1,787	944	440
	Total	6,222	4,969	3,565	2,179	1,152	525
7 to 12	Below Expectations	795	623	231	273	230	95
	Meeting or Above Expectations	3,930	3,291	1,244	1,366	1,173	576
	Total	4,725	3,914	1,475	1,639	1,403	671
Percent of individuals							
No Child Care Subsidy	Below Expectations	12.87	13.06	12.92	12.89	12.63	10.51
	Meeting or Above Expectations	87.13	86.94	87.08	87.11	87.37	89.49
	Total	100	100	100	100	100	100
1 to 6	Below Expectations	17.84	16.70	16.58	17.99	18.06	16.19
	Meeting or Above Expectations	82.16	83.30	83.42	82.01	81.94	83.81
	Total	100	100	100	100	100	100
7 to 12	Below Expectations	16.83	15.92	15.66	16.66	16.39	14.16
	Meeting or Above Expectations	83.17	84.08	84.34	83.34	83.61	85.84
	Total	100	100	100	100	100	100

Tables

TABLE 6: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy and were high cost health service users, by months in care

Months in Care	High cost health use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
No Child Care Subsidy	Yes	17,279	17,787	18,473	19,111	19,819	20,212
	No	321,257	330,401	345,088	357,386	372,516	382,017
	Total	338,536	348,188	363,561	376,497	392,335	402,229
1 to 6	Yes	601	602	626	633	652	735
	No	9,559	9,478	9,756	9,920	10,936	11,873
	Total	10,160	10,080	10,382	10,553	11,588	12,608
7 to 12	Yes	441	495	448	549	736	883
	No	7,567	9,212	8,509	10,209	11,658	14,055
	Total	8,008	9,707	8,957	10,758	12,394	14,938
Percent of individuals							
No Child Care Subsidy	Yes	5.10	5.11	5.08	5.08	5.05	5.02
	No	94.90	94.89	94.92	94.92	94.95	94.98
	Total	100	100	100	100	100	100
1 to 6	Yes	5.92	5.97	6.03	6.00	5.63	5.83
	No	94.08	94.03	93.97	94.00	94.37	94.17
	Total	100	100	100	100	100	100
7 to 12	Yes	5.51	5.10	5.00	5.10	5.94	5.91
	No	94.49	94.90	95.00	94.90	94.06	94.09
	Total	100	100	100	100	100	100

Tables

TABLE 7: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by mental health service use and months in care

Months in Care	Mental health service use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
No Child Care Subsidy	Yes	8,396	8,484	8,703	8,822	9,284	9,330
	No	330,409	339,991	355,096	367,895	383,223	393,076
	Total	338,805	348,475	363,799	376,717	392,507	402,406
1 to 6	Yes	382	357	371	396	407	472
	No	9,791	9,735	10,021	10,163	11,184	12,139
	Total	10,173	10,092	10,392	10,559	11,591	12,611
7 to 12	Yes	216	259	245	393	484	597
	No	7,796	9,449	8,714	10,368	11,912	14,347
	Total	8,012	9,708	8,959	10,761	12,396	14,944
Percent of individuals							
No Child Care Subsidy	Yes	2.48	2.43	2.39	2.34	2.37	2.32
	No	97.52	97.57	97.61	97.66	97.63	97.68
	Total	100	100	100	100	100	100
1 to 6	Yes	3.76	3.54	3.57	3.75	3.51	3.74
	No	96.24	96.46	96.43	96.25	96.49	96.26
	Total	100	100	100	100	100	100
7 to 12	Yes	2.70	2.67	2.73	3.65	3.90	3.99
	No	97.30	97.33	97.27	96.35	96.10	96.01
	Total	100	100	100	100	100	100

Tables

TABLE 8: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by residential mobility and months in care

Client type	Residential mobility	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
No Child Care Subsidy	No moves	275,955	285,719	296,437	314,371	342,638	350,720
	One	53,388	53,985	57,959	54,309	43,542	45,543
	Two +	9,190	8,479	9,160	7,812	6,151	5,959
	Total	338,533	348,183	363,556	376,492	392,331	402,222
1 to 6	No moves	6,236	6,636	6,771	7,106	8,387	8,934
	One	2,768	2,591	2,720	2,612	2,403	2,761
	Two +	1,156	853	891	835	798	913
	Total	10,160	10,080	10,382	10,553	11,588	12,608
7 to 12	No moves	5,213	6,658	6,196	7,533	9,543	11,423
	One	2,029	2,389	2,152	2,490	2,293	2,883
	Two +	766	660	609	735	558	632
	Total	8,008	9,707	8,957	10,758	12,394	14,938
Percent of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
No Child Care Subsidy	No moves	81.51	82.06	81.54	83.50	87.33	87.20
	One	15.77	15.50	15.94	14.43	11.10	11.32
	Two +	2.71	2.44	2.52	2.07	1.57	1.48
	Total	100	100	100	100	100	100
1 to 6	No moves	61.38	65.83	65.22	67.34	72.38	70.86
	One	27.24	25.70	26.20	24.75	20.74	21.90
	Two +	11.38	8.46	8.58	7.91	6.89	7.24
	Total	100	100	100	100	100	100
7 to 12	No moves	65.10	68.59	69.17	70.02	77.00	76.47
	One	25.34	24.61	24.03	23.15	18.50	19.30
	Two +	9.57	6.80	6.80	6.83	4.50	4.23
	Total	100	100	100	100	100	100

Tables

TABLE 9: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by type of care

Type of Care	Study year					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals						
Day Care	15,766	16,247	15,189	13,868	14,881	17,374
Family Day Home	4,094	4,453	4,390	4,701	5,016	5,488
Out of School Care	371	488	548	3,934	4,881	5,576
Pre-School Care	552	1,414	1,482	1,392	1,679	2,134
Total	20,828	23,132	22,215	24,481	27,015	31,094
Percent of individuals						
Day Care	75.70	70.24	68.37	56.65	55.08	55.88
Family Day Home	19.66	19.25	19.76	19.20	18.57	17.65
Out of School Care	1.78	2.11	2.47	16.07	18.07	17.93
Pre-School Care	2.65	6.11	6.67	5.69	6.22	6.86
Total	99.78	97.71	97.27	97.61	97.93	98.32

Only the first four major types of care are considered for this analysis

Tables

TABLE 10: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by gender and type of care

Type of Care	Gender	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
Day care	Female	7,238	7,399	6,867	6,212	6,677	7,779
	Male	7,846	8,054	7,575	6,852	7,301	8,407
	Total	15,084	15,453	14,442	13,064	13,978	16,186
Family day home	Female	1,941	2,066	2,043	2,177	2,281	2,532
	Male	2,020	2,215	2,157	2,274	2,487	2,652
	Total	3,961	4,281	4,200	4,451	4,768	5,184
Out of school care	Female	173	217	238	1,870	2,307	2,619
	Male	180	252	291	1,901	2,381	2,762
	Total	353	469	529	3,771	4,688	5,381
Pre-School Care	Female	269	675	731	674	821	1,040
	Male	266	689	697	672	802	992
	Total	535	1,364	1,428	1,346	1,623	2,032
Percent of individuals							
Day care	Female	47.98	47.88	47.55	47.55	47.77	48.06
	Male	52.02	52.12	52.45	52.45	52.23	51.94
	Total	100	100	100	100	100	100
Family Day home	Female	49.00	48.26	48.64	48.91	47.84	48.84
	Male	51.00	51.74	51.36	51.09	52.16	51.16
	Total	100	100	100	100	100	100
Out of school care	Female	49.01	46.27	44.99	49.59	49.21	48.67
	Male	50.99	53.73	55.01	50.41	50.79	51.33
	Total	100	100	100	100	100	100
Pre-School Care	Female	50.28	49.49	51.19	50.07	50.59	51.18
	Male	49.72	50.51	48.81	49.93	49.41	48.82
	Total	100	100	100	100	100	100

Tables

TABLE 11: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by age group and type of care

Type of Care	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
Day Care	0 to 1	2,162	2,036	1,911	1,938	2,092	2,320
	2 to 3	5,654	5,831	5,352	5,453	6,079	7,270
	4 to 5	5,799	6,064	5,777	5,392	5,612	6,647
	6 to 8	2,151	2,316	2,149	1,085	1,098	1,137
	Total	15,766	16,247	15,189	13,868	14,881	17,374
Family Day Home	0 to 1	815	822	789	899	1,001	986
	2 to 3	1,645	1,834	1,731	1,862	1,941	2,171
	4 to 5	1,208	1,364	1,423	1,408	1,368	1,556
	6 to 8	426	433	447	532	706	775
	Total	4,094	4,453	4,390	4,701	5,016	5,488
Out of School Care	0 to 1	-	-	-	-	-	-
	2 to 3	-	-	-	-	-	-
	4 to 5	-	-	-	-	-	-
	6 to 8	205	269	322	3,516	4,410	5,068
	Total	371	488	548	3,934	4,881	5,576
Pre-school Care	0 to 1	-	-	-	-	-	-
	2 to 3	-	279	245	233	304	424
	4 to 5	392	1,058	1,093	1,037	1,260	1,580
	6 to 8	-	-	-	-	-	-
	Total	552	1,414	1,482	1,392	1,679	2,134
Percent of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Day Care	0 to 1	13.71	12.53	12.58	13.97	14.06	13.35
	2 to 3	35.86	35.89	35.24	39.32	40.85	41.84
	4 to 5	36.78	37.32	38.03	38.88	37.71	38.26
	6 to 8	13.64	14.25	14.15	7.82	7.38	6.54
	Total	100	100	100	100	100	100
Family Day Home	0 to 1	19.91	18.46	17.97	19.12	19.96	17.97
	2 to 3	40.18	41.19	39.43	39.61	38.70	39.56
	4 to 5	29.51	30.63	32.41	29.95	27.27	28.35
	6 to 8	10.41	9.72	10.18	11.32	14.07	14.12
	Total	100	100	100	100	100	100
Out of School Care	0 to 1	-	-	-	-	-	-
	2 to 3	-	-	-	-	-	-
	4 to 5	-	-	-	-	-	-
	6 to 8	55.26	55.12	58.76	89.37	90.35	90.89
	Total	100	100	100	100	100	100
Pre-school Care	0 to 1	-	-	-	-	-	-
	2 to 3	-	19.73	16.53	16.74	18.11	19.87
	4 to 5	71.01	74.82	73.75	74.50	75.04	74.04
	6 to 8	-	-	-	-	-	-
	Total	100	100	100	100	100	100

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

Tables

TABLE 12: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by high cost health service use and type of care

Type of Care	High cost health use	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
Day care	Yes	810	747	707	637	732	880
	No	12,863	12,900	12,327	11,236	12,292	14,252
	Total	13,673	13,647	13,034	11,873	13,024	15,132
Family day home	Yes	195	213	231	219	242	276
	No	3,435	3,706	3,645	3,896	4,256	4,647
	Total	3,630	3,919	3,876	4,115	4,498	4,923
Out of school care	Yes	19	28	27	230	306	343
	No	310	400	457	3,254	4,076	4,707
	Total	329	428	484	3,484	4,382	5,050
Pre-School Care	Yes	18	71	61	66	77	90
	No	480	1,220	1,307	1,221	1,475	1,865
	Total	498	1,291	1,368	1,287	1,552	1,955
Percent of individuals							
Day care	Yes	5.92	5.47	5.42	5.37	5.62	5.82
	No	94.08	94.53	94.58	94.63	94.38	94.18
	Total	100	100	100	100	100	100
Family day home	Yes	5.37	5.44	5.96	5.32	5.38	5.61
	No	94.63	94.56	94.04	94.68	94.62	94.39
	Total	100	100	100	100	100	100
Out of school care	Yes	5.78	6.54	5.58	6.60	6.98	6.79
	No	94.22	93.46	94.42	93.40	93.02	93.21
	Total	100	100	100	100	100	100
Pre-School Care	Yes	3.61	5.50	4.46	5.13	4.96	4.60
	No	96.39	94.50	95.54	94.87	95.04	95.40
	Total	100	100	100	100	100	100

Tables

TABLE 13: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by mental health and type of care

Type of Care	Mental health service	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
Day care	Yes	464	440	430	355	358	444
	No	13,223	13,213	12,612	11,524	12,670	14,693
	Total	13,687	13,653	13,042	11,879	13,028	15,137
Family day home	Yes	101	109	105	112	119	144
	No	3,531	3,814	3,773	4,005	4,380	4,780
	Total	3,632	3,923	3,878	4,117	4,499	4,924
Out of school care	Yes	16	19	24	266	345	407
	No	313	409	460	3,218	4,037	4,646
	Total	329	428	484	3,484	4,382	5,053
Pre-School Care	Yes	16	38	34	36	48	55
	No	482	1,255	1,335	1,252	1,504	1,900
	Total	498	1,293	1,369	1,288	1,552	1,955
Percent of individuals							
Day care	Yes	3.39	3.22	3.30	2.99	2.75	2.93
	No	96.61	96.78	96.70	97.01	97.25	97.07
	Total	100	100	100	100	100	100
Family day home	Yes	2.78	2.78	2.71	2.72	2.65	2.92
	No	97.22	97.22	97.29	97.28	97.35	97.08
	Total	100	100	100	100	100	100
Out of school care	Yes	4.86	4.44	4.96	7.63	7.87	8.05
	No	95.14	95.56	95.04	92.37	92.13	91.95
	Total	100	100	100	100	100	100
Pre-School Care	Yes	3.21	2.94	2.48	2.80	3.09	2.81
	No	96.79	97.06	97.52	97.20	96.91	97.19
	Total	100	100	100	100	100	100

Tables

TABLE 14: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by residential mobility and type of care

Type of Care	Residential mobility	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
Day Care	No moves	8,495	8,988	8,565	7,930	9,346	10,751
	One	3,646	3,558	3,411	2,960	2,821	3,345
	Two +	1,532	1,101	1,058	983	857	1,036
	Total	13,673	13,647	13,034	11,873	13,024	15,132
Family Day Home	No moves	2,283	2,532	2,535	2,698	3,408	3,641
	One	986	1,039	998	1,077	820	1,023
	Two +	361	348	343	340	270	259
	Total	3,630	3,919	3,876	4,115	4,498	4,923
Out of School Care	No moves	232	292	326	2,456	3,352	3,877
	One	80	114	119	811	829	955
	Two +	17	22	39	217	201	218
	Total	329	428	484	3,484	4,382	5,050
Pre-School Care	No moves	408	1,055	1,079	1,076	1,343	1,671
	One	78	205	242	186	185	260
	Two +	12	31	47	25	24	24
	Total	498	1,291	1,368	1,287	1,552	1,955
Percent of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Day Care	No moves	62.13	65.86	65.71	66.79	71.76	71.05
	One	26.67	26.07	26.17	24.93	21.66	22.11
	Two +	11.20	8.07	8.12	8.28	6.58	6.85
	Total	100	100	100	100	100	100
Family Day Home	No moves	62.89	64.61	65.40	65.57	75.77	73.96
	One	27.16	26.51	25.75	26.17	18.23	20.78
	Two +	9.94	8.88	8.85	8.26	6.00	5.26
	Total	100	100	100	100	100	100
Out of School Care	No moves	70.52	68.22	67.36	70.49	76.49	76.77
	One	24.32	26.64	24.59	23.28	18.92	18.91
	Two +	5.17	5.14	8.06	6.23	4.59	4.32
	Total	100	100	100	100	100	100
Pre-School Care	No moves	81.93	81.72	78.87	83.61	86.53	85.47
	One	15.66	15.88	17.69	14.45	11.92	13.30
	Two +	2.41	2.40	3.44	1.94	1.55	1.23
	Total	100	100	100	100	100	100

Tables

TABLE 15: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by socio-economic status and type of care

Type of Care	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
Day Care	Lowest	6,188	6,348	5,819	5,246	5,519	6,581
	Low middle	3,363	3,432	3,221	2,787	3,014	3,631
	Middle	2,596	2,644	2,436	2,269	2,512	3,221
	High middle	1,438	1,540	1,490	1,371	1,588	2,038
	Highest	827	878	874	869	939	1,259
	Total	14,412	14,842	13,840	12,542	13,572	16,730
Family Day Home	Lowest	1,598	1,699	1,547	1,586	1,637	1,687
	Low middle	973	1,079	1,039	1,116	1,132	1,320
	Middle	612	635	706	741	849	1,041
	High middle	425	494	519	571	632	725
	Highest	181	197	252	319	389	510
	Total	3,789	4,104	4,063	4,333	4,639	5,283
Out of School Care	Lowest	130	177	191	1,449	1,788	2,014
	Low middle	77	93	116	880	1,069	1,258
	Middle	66	92	91	577	785	975
	High middle	45	60	64	403	547	694
	Highest	20	34	43	245	338	434
	Total	338	456	505	3,554	4,527	5,375
Pre-school Care	Lowest	119	312	302	280	382	544
	Low middle	124	331	368	341	406	537
	Middle	110	228	285	288	355	415
	High middle	88	246	227	210	251	332
	Highest	82	217	223	200	202	249
	Total	523	1,334	1,405	1,319	1,596	2,077
Number of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Day Care	Lowest	42.94	42.77	42.04	41.83	40.66	39.34
	Low middle	23.33	23.12	23.27	22.22	22.21	21.70
	Middle	18.01	17.81	17.60	18.09	18.51	19.25
	High middle	9.98	10.38	10.77	10.93	11.70	12.18
	Highest	5.74	5.92	6.32	6.93	6.92	7.53
	Total	100	100	100	100	100	100
Family Day Home	Lowest	42.17	41.40	38.08	36.60	35.29	31.93
	Low middle	25.68	26.29	25.57	25.76	24.40	24.99
	Middle	16.15	15.47	17.38	17.10	18.30	19.70
	High middle	11.22	12.04	12.77	13.18	13.62	13.72
	Highest	4.78	4.80	6.20	7.36	8.39	9.65
	Total	100	100	100	100	100	100
Out of School Care	Lowest	38.46	38.82	37.82	40.77	39.50	37.47
	Low middle	22.78	20.39	22.97	24.76	23.61	23.40
	Middle	19.53	20.18	18.02	16.24	17.34	18.14
	High middle	13.31	13.16	12.67	11.34	12.08	12.91
	Highest	5.92	7.46	8.51	6.89	7.47	8.07
	Total	100	100	100	100	100	100
Pre-school Care	Lowest	22.75	23.39	21.49	21.23	23.93	26.19
	Low middle	23.71	24.81	26.19	25.85	25.44	25.85
	Middle	21.03	17.09	20.28	21.83	22.24	19.98
	High middle	16.83	18.44	16.16	15.92	15.73	15.98
	Highest	15.68	16.27	15.87	15.16	12.66	11.99
	Total	100	100	100	100	100	100

Tables

TABLE 16: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by health care registration and type of care

Type of Care	Health care registry	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
Day care	Registered	13,673	13,647	13,034	11,873	13,024	15,132
	Not registered	1,143	1,290	1,198	1,205	1,221	1,401
	Total	14,816	14,937	14,232	13,078	14,245	16,533
Family day home	Registered	3,630	3,919	3,876	4,115	4,498	4,923
	Not registered	270	295	292	369	335	373
	Total	3,900	4,214	4,168	4,484	4,833	5,296
Out of school care	Registered	329	428	484	3,484	4,382	5,050
	Not registered	29	31	29	286	322	334
	Total	358	459	513	3,770	4,704	5,384
Pre-School Care	Registered	498	1,291	1,368	1,287	1,552	1,955
	Not registered	25	67	70	63	85	118
	Total	523	1,358	1,438	1,350	1,637	2,073
Percent of individuals							
Day care	Registered	92.29	91.36	91.58	90.79	91.43	91.53
	Not registered	7.71	8.64	8.42	9.21	8.57	8.47
	Total	100	100	100	100	100	100
Family day home	Registered	93.08	93.00	92.99	91.77	93.07	92.96
	Not registered	6.92	7.00	7.01	8.23	6.93	7.04
	Total	100	100	100	100	100	100
Out of school care	Registered	91.90	93.25	94.35	92.41	93.15	93.80
	Not registered	8.10	6.75	5.65	7.59	6.85	6.20
	Total	100	100	100	100	100	100
Pre-School Care	Registered	95.22	95.07	95.13	95.33	94.81	94.31
	Not registered	4.78	4.93	4.87	4.67	5.19	5.69
	Total	100	100	100	100	100	100

Tables

TABLE 17: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by Child Support Services and type of care

Type of Care	Child Support Services	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
Day care	Yes	2,529	2,525	2,283	2,026	2,249	2,648
	No	13,237	13,722	12,906	11,842	12,632	14,726
	Total	15,766	16,247	15,189	13,868	14,881	17,374
Family day home	Yes	597	631	638	653	739	671
	No	3,497	3,822	3,752	4,048	4,277	4,817
	Total	4,094	4,453	4,390	4,701	5,016	5,488
Out of school care	Yes	37	57	57	483	639	695
	No	334	431	491	3,451	4,242	4,881
	Total	371	488	548	3,934	4,881	5,576
Pre-School Care	Yes	16	35	38	43	75	59
	No	536	1,379	1,444	1,349	1,604	2,075
	Total	552	1,414	1,482	1,392	1,679	2,134
Percent of individuals							
Day care	Yes	16.04	15.54	15.03	14.61	15.11	15.24
	No	83.96	84.46	84.97	85.39	84.89	84.76
	Total	100	100	100	100	100	100
Family day home	Yes	14.58	14.17	14.53	13.89	14.73	12.23
	No	85.42	85.83	85.47	86.11	85.27	87.77
	Total	100	100	100	100	100	100
Out of school care	Yes	9.97	11.68	10.40	12.28	13.09	12.46
	No	90.03	88.32	89.60	87.72	86.91	87.54
	Total	100	100	100	100	100	100
Pre-School Care	Yes	2.90	2.48	2.56	3.09	4.47	2.76
	No	97.10	97.52	97.44	96.91	95.53	97.24
	Total	100	100	100	100	100	100

Tables

TABLE 18: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by students with special needs and type of care

Type of Care	Students with special needs	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
Day care	Yes	1,140	1,065	944	773	840	1,003
	No	9,530	10,250	9,589	8,368	8,801	10,320
	Total	10,670	11,315	10,533	9,141	9,641	11,323
Family day home	Yes	176	212	212	238	236	309
	No	2,196	2,442	2,436	2,576	2,684	2,998
	Total	2,372	2,654	2,648	2,814	2,920	3,307
Out of school care	Yes	47	50	44	417	553	533
	No	324	438	504	3,515	4,326	5,039
	Total	371	488	548	3,932	4,879	5,572
Pre-School Care	Yes	24	101	124	117	149	216
	No	516	1,294	1,341	1,263	1,516	1,896
	Total	540	1,395	1,465	1,380	1,665	2,112
Percent of individuals		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Day care	Yes	10.68	9.41	8.96	8.46	8.71	8.86
	No	89.32	90.59	91.04	91.54	91.29	91.14
	Total	100	100	100	100	100	100
Family day home	Yes	7.42	7.99	8.01	8.46	8.08	9.34
	No	92.58	92.01	91.99	91.54	91.92	90.66
	Total	100	100	100	100	100	100
Out of school care	Yes	12.67	10.25	8.03	10.61	11.33	9.57
	No	87.33	89.75	91.97	89.39	88.67	90.43
	Total	100	100	100	100	100	100
Pre-School Care	Yes	4.44	7.24	8.46	8.48	8.95	10.23
	No	95.56	92.76	91.54	91.52	91.05	89.77
	Total	100	100	100	100	100	100

Tables

TABLE 19: Number and percentage of Albertan children aged 0 to 8 years who received Child Care Subsidy, by Child Intervention and type of care

Type of Care	Child Intervention	Study year					
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11
Number of individuals							
Day care	Yes	862	767	740	586	577	660
	No	14,904	15,480	14,449	13,282	14,304	16,714
	Total	15,766	16,247	15,189	13,868	14,881	17,374
Family day home	Yes	186	172	168	226	160	142
	No	3,908	4,281	4,222	4,475	4,856	5,346
	Total	4,094	4,453	4,390	4,701	5,016	5,488
Out of school care	Yes	14	19	14	145	169	168
	No	357	469	534	3,789	4,712	5,408
	Total	371	488	548	3,934	4,881	5,576
Pre-School Care	Yes	-	12	16	17	25	27
	No	-	1,402	1,466	1,375	1,654	2,107
	Total	-	1,414	1,482	1,392	1,679	2,134
Percent of individuals							
Day care	Yes	5.47	4.72	4.87	4.23	3.88	3.80
	No	94.53	95.28	95.13	95.77	96.12	96.20
	Total	100	100	100	100	100	100
Family day home	Yes	4.54	3.86	3.83	4.81	3.19	2.59
	No	95.46	96.14	96.17	95.19	96.81	97.41
	Total	100	100	100	100	100	100
Out of school care	Yes	3.77	3.89	2.55	3.69	3.46	3.01
	No	96.23	96.11	97.45	96.31	96.54	96.99
	Total	100	100	100	100	100	100
Pre-School Care	Yes	-	0.85	1.08	1.22	1.49	1.27
	No	-	99.15	98.92	98.78	98.51	98.73
	Total	-	100	100	100	100	100

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

Definitions and notes

- **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) includes all study participants (aged 0 to 30) who are eligible to receive insured hospital and physician services.
- **Child Intervention** services are focused on meeting the safety and well-being of children and helping families and communities to meet these needs. The Child Intervention Program provides services to children and youth between the ages of 0 and 17 years who are or may be at risk of being abused, neglected or otherwise in need of intervention. As well, young adults (18-22 years of age) may also be eligible for post-intervention supports through the use of Support and Financial Assistance Agreements to help them transition to adulthood.
- **Child Support Services** helps Applicants (single parents and parents in blended families, aged 18 to 30) reach child support payment agreements or obtain court orders for payment from Respondents (aged 18 to 30), for Dependent children (aged 0 to 24).
- **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 (grades 3, 6 and 9), 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. In this report, the educational achievement was categorized into two groups: Below expectations and Meeting or Above expectations. Since only children in age range 0 to 8 is considered in this report, the educational achievement was considered as a mode value of reported educational achievement any time between 2005/06 to 2010/11.
- **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.
- **Children's Services (CS) and Community and Social Services (CSS) 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 seven regions (Northwest, Northeast, North Central, Edmonton, Central, Calgary, South); the boundaries for these regions are shown on the map.



Definitions and notes

- **Mental health service use** was defined by the presence or absence of mental health diagnosis codes (two or more of 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's 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.
- **Residential mobility** was defined as the number of unique postal codes within the Alberta Health Care Insurance Plan registry during the study period. Health care premiums ceased to be collected on January 1st, 2009; addresses in the registry have been updated less often since that time, reducing their accuracy.
- **Socio-economic status (SES)** captures the social and material environments in which individuals lived. For each year of the study period, an individual was assigned a dissemination area level socio-economic status via an index based on Statistics Canada 2006 Census data¹³. 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 of 2006 census.
- **Students with special needs** (aged 2.5 to 19) receive special education programming services.
- **Tables** are shown by fiscal year (or educational study year, as applicable).
- **Type of care (Child Care Subsidy)** the Ministry of Children's Services identifies the following types of care for Child Care Subsidy clients: *Day Care Programs* are facility-based programs that serve infants, toddlers and pre-school-aged children. Typically, Day Cares provide care throughout the day, from the morning to early evening. *Family Day Homes* offer care in an individual's private residence. There are typically six or less children, including the caregiver's own children, with one caregiver. Children of all ages may participate in Approved Family Day Homes. *Out-of-School-Care Programs* operate before and after school, during lunch hours and sometimes when school is closed. These programs provide care to school-aged children. *Pre-school Programs* offer child care for four or less hours per day for pre-school aged children.

References

1. Lipscomb, T.S., Lewis, K.M., Masyn, K.E., Meloy, M.E. (2012). Child care assistance for families involved in the child welfare system: Predicting child care subsidy use and stability. *Children and Youth Services Review*, 34 (12), 2454–2463.
2. Belsky, J., Vandell, D.L., Burchinal, M., Clarke-Stewart, K.A., McCartney, K., Tresch-Owen, M. (2007). Are there long-term effects of early childcare?. *Child Development*, 78, 681–701.
3. Campbell, F., Ramey, C., Pungello, E., Sparling, J., Miller-Johnson, S. (2002). Early childhood education: Young adult outcomes from the Abecedarian Project. *Applied Developmental Science*, 6 (1), 42–57.
4. NICHD Early Child Care Research Network (ECCRN). (1998). Early child care and self-control, compliance, and problem behavior at twenty-four and thirty-six months. *Child Development*, 69, 1145-1170.
5. Elicker, J., Fornter-Wood, C., Noppe, I.C. (1999). The context of infant attachment in family child care. *Journal of Applied Developmental Psychology*, 20 (2), 319-336.
6. Loeb, S., Fuller, B., Kagan, S.L., Carrol, B. (2004). Child care in poor communities: Early learning effects of type, quality, and stability. *Child Development*, 75, 47-65.
7. Howes, C. (1988). Relations between early child care and schooling. *Developmental Psychology*, 24 (1), 53-57.
8. De Schipper, J.C., Tavecchio, L.W.C., Van IJzendoorn, M. H., Linting, M. (2003). The relation of flexible child care to quality of center day care and children’s socio-emotional functioning: A survey and observational study. *Infant Behavior and Development*, 26 (3), 300–325.
9. Bacharach, V., Baumeister, A. (2003). Child care and severe externalizing behavior in kindergarten children. *Journal of Applied Developmental Psychology*, 23 (5), 527–537.
10. Adams, G., Rohacek, M. (2002). More than a work support? Issues around integrating child development goals into the child care subsidy system. *Early Childhood Research Quarterly*, 17 (4), 418–440.
11. Adams, G., Rohacek, M., Snyder, K. (2008). Child care voucher programs: Provider experiences in five counties. Washington, DC: The Urban Institute.
12. Forry, N., Welti, K., Davis, L., Krafft, C., Daneri, P. (2012). Subsidy Continuity in Maryland, *Publication # 2012-43*
13. Pampalon, R., Hamel, D., Garnache, P., Raymond, G. (2009). A deprivation index for health planning in Canada. *Chronic Diseases in Canada*, 29(4), 178-91.

Notes

The 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 **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
- Children’s Services
- Community and Social Services
- Indigenous Relations
- Justice and Solicitor General

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Suggested citation

Child and Youth Data Laboratory (2017). *A profile of children in Alberta receiving Child Care Subsidy*. Edmonton: PolicyWise for Children & Families.

Last modified: May 12, 2017

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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.

