Education, training and learning

Canada leads the OECD countries with the highest proportion of adults who have completed either a college or university education. In 2006, 6 out of 10 Canadians aged 25 to 64 had completed some form of postsecondary education.

Almost one in four adults aged 25 to 64—24%, or 4,156,700 people—had a high school diploma as their highest level of education; 15%, or 2,683,500, had not completed high school. Those who had not graduated from high school were concentrated in older age groups.

More university degrees

Canada had 17,382,100 adults aged 25 to 64 in the 2006 Census. The number with a university degree totalled 3,985,700, a 24% increase from 3,207,400 in 2001. In comparison, the number of adults who did not have a university degree rose 2%.

Canada ranked sixth among OECD countries in terms of the proportion of

adults aged 25 to 64 who had a university degree, tied with Australia and Korea at 23%.

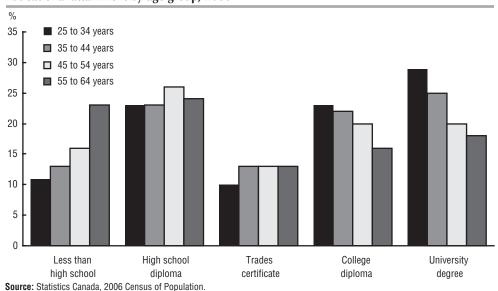
Young adults have a higher level of educational attainment than their older counterparts. In 2006, 29% of those aged 25 to 34 had a university degree, well above the proportion of 18% among adults aged 55 to 64.

In 2006, 44% of the Aboriginal population were postsecondary graduates: 14% had trade credentials, 19% had a college certificate or diploma and 8% had a university degree.

A higher percentage of women than men aged 25 to 34 have a university degree: 33% of women versus 25% of men in 2006. These percentages were both higher than those among older adults aged 55 to 64, where 16% of women and 21% of men had a university degree.

Educated Canadians tend to be more mobile. University degree holders

Chart 10.1 Educational attainment by age group, 2006



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accounted for 23% of the adult population aged 25 to 64 in 2006, but comprised 33% of the people who moved to another province or territory from 2001 to 2006. Alberta and British Columbia had the biggest net inflows of postsecondary graduates, whereas Ontario recorded the biggest net outflows.

Fewer young adults are completing trades education than their parents. About 10% of adults aged 25 to 34 had a trade certification in 2006, compared with 13% of adults aged 55 to 64.

These young adults are also choosing different trades than the older generation of Canadians. For example, fewer young adults than older adults have a trade certificate in mechanic and repair technologies. On the other hand, more young adults than older adults have a certificate in personal and culinary services.

Immigrants highly educated

The 2006 Census counted 4,076,700 people aged 25 to 64 born outside Canada.

Table 10.a Holders of a university degree, top 10 OECD countries, 2005

	%
Norway	30
United States	30
Netherlands	28
Denmark	26
Iceland	26
Australia	23
Canada	23
Korea	23
Japan	22
Sweden	21

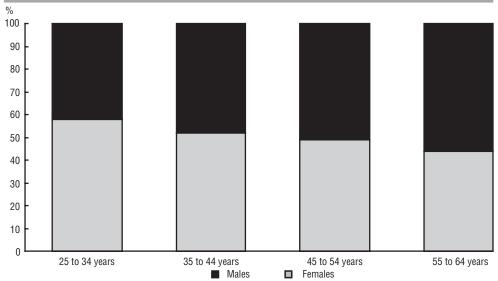
Note: Population aged 25 to 64.

Source: Organisation for Economic Co-operation and Development, Education at a Glance 2007, OECD Indicators.

Of these, 1,287,500, or about one-third (32%), had a university degree.

Slightly over half (51%) of recent immigrants to Canada—those who arrived from 2001 to 2006—had a university degree in 2006, compared with 28% of immigrants who arrived before 2001 and 20% of people born in Canada.

Chart 10.2 University graduates by age group and sex, 2006



Source: Statistics Canada, 2006 Census of Population.

PhDs enrolment

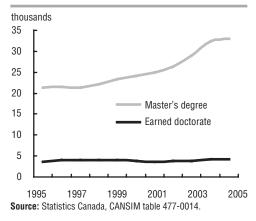
Enrolment in doctoral programs in Canada has been on the rise since around 2001, but has not yet translated into more doctoral graduates.

In the 2005/2006 academic year, enrolment increased 6.1% to 36,700 candidates. This was the largest percentage increase in enrolment among all programs at the university level and it followed enrolment growth that averaged 8.1% a year over the previous three years.

However, the number of doctoral degree recipients was only slightly higher than almost a decade earlier. In 2005, 4,200 students received a research doctoral degree, compared with 4,000 in 1998.

Growth has been faster in the United States. In 2005/2006, the number of graduates from U.S. institutions increased 5.1% to 45,596 research doctoral degrees. This was 8.2% higher than the number of degrees granted in 2003/2004.

Chart 10.3 Graduate degree recipients from Canadian institutions



Doctoral students in Canada are more likely than those in the United States to graduate in the biological and health sciences. In contrast, the United States shows a higher proportion of graduates in humanities and education.

Education expenses

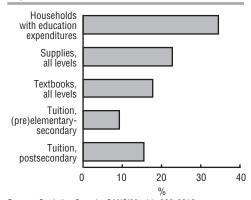
In 2007, 35% of Canadian households incurred education expenses for such items as tuition, school supplies and textbooks, spending an average of \$2,949.

Their largest expenditure was by far on postsecondary tuition. Among the 15% of households that incurred these costs in 2007, average spending amounted to \$4,017. Average household tuition expenses that year ranged from \$1,832 in Quebec to \$6,223 in New Brunswick.

Pre-elementary, elementary and secondary tuition fees were an education expense for 9% of households in 2007. These fees averaged \$1,306 and ranged from \$256 in New Brunswick to \$2,481 in Ontario.

In 2007, 18% of households had textbook expenses and their average expenditure was \$543. Spending on school

Chart 10.4 Households incurring education expenses, 2007



Source: Statistics Canada, CANSIM table 203-0012.

supplies was the most common education expense, with 23% of households reporting such expenditures. This was, however, the lowest spending category, at a household average of \$222.

Table 10.1 Educational attainment of working-age population, by sex, 1998 to 2008

	Working-age population	0 to 8 ye years of s		Some hi schoo		High school graduate	
	thousands	thousands	%	thousands	%	thousands	%
Both sexes							
1998	23,523	2,646	11.2	4,444	18.9	4,460	19.0
1999	23,787	2,588	10.9	4,395	18.5	4,570	19.2
2000	24,094	2,502	10.4	4,293	17.8	4,719	19.6
2001	24,444	2,371	9.7	4,272	17.5	4,740	19.4
2002	24,797	2,322	9.4	4,205	17.0	4,811	19.4
2003	25,107	2,262	9.0	4,015	16.0	4,810	19.2
2004	25,443	2,223	8.7	3,988	15.7	4,906	19.3
2005	25,806	2,163	8.4	3,918	15.2	5,121	19.8
2006	26,185	2,122	8.1	3,954	15.1	5,208	19.9
2007	26,553	2,027	7.6	3,872	14.6	5,238	19.7
2008	26,925	1,961	7.3	3,857	14.3	5,266	19.6
Males							
1998	11,549	1,249	10.8	2,226	19.3	2,076	18.0
1999	11,683	1,227	10.5	2,210	18.9	2,134	18.3
2000	11,843	1,181	10.0	2,160	18.2	2,210	18.7
2001	12,024	1,110	9.2	2,166	18.0	2,230	18.5
2002	12,201	1,092	9.0	2,132	17.5	2,260	18.5
2003	12,352	1,056	8.5	2,053	16.6	2,266	18.3
2004	12,515	1,031	8.2	2,041	16.3	2,319	18.5
2005	12,693	1,012	8.0	2,016	15.9	2,432	19.2
2006	12,883	983	7.6	2,022	15.7	2,496	19.4
2007	13,065	943	7.2	1,995	15.3	2,524	19.3
2008	13,252	908	6.9	2,005	15.1	2,535	19.1
Females							
1998	11,974	1,397	11.7	2,218	18.5	2,385	19.9
1999	12,104	1,361	11.2	2,185	18.1	2,436	20.1
2000	12,252	1,321	10.8	2,134	17.4	2,508	20.5
2001	12,420	1,261	10.2	2,106	17.0	2,510	20.2
2002	12,596	1,230	9.8	2,072	16.5	2,551	20.2
2003	12,755	1,206	9.5	1,962	15.4	2,545	20.0
2004	12,928	1,192	9.2	1,948	15.1	2,587	20.0
2005	13,113	1,151	8.8	1,902	14.5	2,690	20.5
2006	13,303	1,140	8.6	1,932	14.5	2,712	20.4
2007	13,488	1,084	8.0	1,877	13.9	2,714	20.1
2008	13,673	1,052	7.7	1,852	13.5	2,732	20.0

Note: Population aged 15 and older based on Labour Force Survey estimates.

Source: Statistics Canada, CANSIM table 282-0004.

Some postsecond	dary	Postsecon certificate diplom	e or	All univer degree		Bachelor's degree		Above bach degree	
thousands	%	thousands	%	thousands	%	thousands	%	thousands	%
2,120	9.0	6,513	27.7	3,340	14.2	2,304	9.8	1,036	4.4
2,116	8.9	6,597	27.7	3,522	14.8	2,402	10.1	1,119	4.7
2,275	9.4	6,584	27.3	3,722	15.4	2,507	10.4	1,215	5.0
2,241	9.2	6,916	28.3	3,905	16.0	2,661	10.9	1,244	5.1
2,274	9.2	7,124	28.7	4,061	16.4	2,790	11.3	1,271	5.1
2,453	9.8	7,261	28.9	4,306	17.2	2,969	11.8	1,337	5.3
2,478	9.7	7,458	29.3	4,390	17.3	3,070	12.1	1,320	5.2
2,221	8.6	7,692	29.8	4,690	18.2	3,227	12.5	1,464	5.7
2,117	8.1	7,832	29.9	4,952	18.9	3,445	13.2	1,507	5.8
2,160	8.1	8,101	30.5	5,157	19.4	3,589	13.5	1,568	5.9
2,280	8.5	8,206	30.5	5,354	19.9	3,664	13.6	1,690	6.3
1,018	8.8	3,197	27.7	1,784	15.4	1,159	10.0	625	5.4
1,020	8.7	3,247	27.8	1,847	15.8	1,170	10.0	676	5.8
1,107	9.3	3,259	27.5	1,926	16.3	1,208	10.2	718	6.1
1,088	9.0	3,406	28.3	2,025	16.8	1,295	10.8	730	6.1
1,117	9.2	3,505	28.7	2,095	17.2	1,351	11.1	744	6.1
1,189	9.6	3,586	29.0	2,203	17.8	1,430	11.6	773	6.3
1,229	9.8	3,675	29.4	2,220	17.7	1,463	11.7	758	6.1
1,106	8.7	3,783	29.8	2,345	18.5	1,519	12.0	827	6.5
1,060	8.2	3,857	29.9	2,466	19.1	1,612	12.5	853	6.6
1,070	8.2	3,978	30.4	2,557	19.6	1,679	12.8	878	6.7
1,145	8.6	4,034	30.4	2,625	19.8	1,705	12.9	920	6.9
1,103	9.2	3,316	27.7	1,556	13.0	1,145	9.6	411	3.4
1,096	9.1	3,351	27.7	1,675	13.8	1,232	10.2	443	3.7
1,168	9.5	3,325	27.1	1,796	14.7	1,299	10.6	497	4.1
1,152	9.3	3,510	28.3	1,881	15.1	1,366	11.0	515	4.1
1,158	9.2	3,619	28.7	1,967	15.6	1,439	11.4	528	4.2
1,264	9.9	3,675	28.8	2,103	16.5	1,540	12.1	563	4.4
1,249	9.7	3,783	29.3	2,170	16.8	1,608	12.4	562	4.3
1,116	8.5	3,909	29.8	2,345	17.9	1,708	13.0	637	4.9
1,057	7.9	3,975	29.9	2,487	18.7	1,833	13.8	654	4.9
1,090	8.1	4,123	30.6	2,600	19.3	1,910	14.2	690	5.1
1,135	8.3	4,172	30.5	2,730	20.0	1,960	14.3	770	5.6

Table 10.2 School board revenue and expenditures, 1997 to 2008

	1997	1998	1999	2000
		\$ thou	sands	
Revenue	32,042,472	35,590,628	32,933,191	34,049,949
Own-source revenue	12,157,134	9,186,870	9,593,045	9,696,626
Property and related taxes	10,926,304	7,801,048	8,009,046	7,999,391
Real property taxes	9,617,759	7,602,321	7,814,361	7,803,833
Grants in lieu of taxes	152,255	96,439	89,993	90,908
Federal government	44,341	40,772	36,637	36,802
Federal government business enterprises	1,962	2,330	2,116	1,447
Provincial and territorial governments	99,793	48,405	46,928	47,941
Provincial and territorial government business enterprises	4,054	3,148	3,026	3,367
Local governments	457	484	483	469
Local government business enterprises	1,648	1,300	803	882
Business taxes	1,047,918	26,780	28,381	29,054
Miscellaneous property and related taxes	108,372	75,508	76,311	75,596
Other taxes	651	599	650	708
Sales of goods and services	1,157,659	1,304,790	1,492,498	1,590,727
Intergovernment	382,141	457,962	483,870	547,924
General	775,518	846,828	1,008,628	1,042,803
Rentals	43,403	49,226	56,675	58,919
Other sales of goods and services	732,115	797,557	951,953	983,884
Investment income	46,592	54,598	65,691	78,818
Other interest income	5,270	4,641	5,892	5,574
Other investment income	41,322	49,957	59,799	73,244
Other revenue from own sources	25,927	25,835	25,160	26,982
Specific-purpose transfers from other government subsectors	19,885,338	26,403,758	23,340,146	24,353,323
Federal government	81,580	82,258	90,975	84,721
Provincial and territorial governments	19,650,260	26,161,478	23,088,695	24,103,915
Education transfers	18,960,162	25,637,572	22,688,501	23,723,258
Debt charges (interest)	690,098	523,906	400,194	380,657
Local governments	153,498	160,022	160,476	164,687
Expenditures	32,212,258	32,091,168	32,700,627	34,142,482
Education	31,169,335	31,309,610	31,955,580	33,416,048
Debt charges	1,042,923	781,558	745,047	726,434
Interest	1,042,534	781,414	737,104	721,368
Other debt charges	389	144	7,943	5,066
Surplus/deficit (-)	-169,786	3,499,460	232,564	-92,533

Note: Data not available for New Brunswick, Yukon and Nunavut. Source: Statistics Canada, CANSIM table 385-0009.

2008	2007	2006	2005	2004	2003	2002	2001
			ands	\$ thous			
48,226,782	45,964,481	45,465,066	41,742,462	39,494,601	39,085,203	36,895,015	35,230,651
12,149,440	11,940,556	11,355,924	11,145,911	10,645,706	10,349,619	10,121,370	9,851,322
9,653,893	9,465,488	8,992,363	8,852,678	8,605,737	8,355,012	8,197,216	8,105,789
9,444,867	9,259,861	8,797,897	8,660,512	8,419,366	8,163,446	8,013,090	7,907,445
86,944	85,865	80,836	79,358	77,143	82,718	78,233	84,244
33,890	33,598	31,590	31,019	30,099	31,887	30,971	32,480
1,029	1,005	954	763	1,113	376	469	876
43,801	43,261	40,720	40,092	39,453	44,254	40,749	44,850
6,210	6,048	5,744	5,586	4,614	4,228	4,322	3,758
615	616	575	549	533	525	527	510
1,399	1,337	1,253	1,349	1,331	1,448	1,195	1,770
38,749	38,633	36,275	35,459	34,260	33,432	32,065	31,123
83,333	81,129	77,355	77,349	74,968	75,416	73,828	82,977
770	768	721	705	681	692	695	723
2,312,765	2,294,554	2,186,749	2,135,853	1,911,195	1,878,446	1,822,908	1,644,381
573,740	567,914	531,903	509,911	536,348	512,769	515,877	519,393
1,739,025	1,726,640	1,654,846	1,625,942	1,374,847	1,365,677	1,307,031	1,124,988
140,087	137,668	131,373	121,504	119,249	117,929	105,892	66,368
1,598,938	1,588,972	1,523,473	1,504,438	1,255,598	1,247,748	1,201,139	1,058,620
134,986	133,315	130,669	105,785	91,300	83,865	71,844	74,635
5,052	5,037	4,730	4,624	4,468	5,322	6,985	6,324
129,934	128,278	125,939	101,161	86,832	78,543	64,859	68,311
47,026	46,431	45,422	50,890	36,793	31,604	28,707	25,794
36,077,342	34,023,925	34,109,142	30,596,551	28,848,895	28,735,584	26,773,645	25,379,329
113,545	110,669	106,643	136,480	109,462	98,705	104,689	89,923
35,771,485	33,724,229	33,819,289	30,264,440	28,555,159	28,459,642	26,494,344	25,120,176
35,357,414	33,314,282	33,433,617	29,876,606	28,156,914	28,059,578	26,089,163	24,701,947
414,071	409,947	385,672	387,834	398,245	400,064	405,181	418,229
192,312	189,027	183,210	195,631	184,274	177,237	174,612	169,230
48,751,414	47,712,377	47,199,448	42,979,682	39,398,230	38,264,627	36,873,300	35,368,073
47,967,632	46,918,561	46,446,081	42,251,024	38,683,838	37,528,221	36,150,312	34,624,407
783,782	793,816	753,367	728,658	714,392	736,406	722,988	743,666
774,741	784,810	744,928	720,367	709,935	729,472	712,633	734,845
9,041	9,006	8,439	8,291	4,457	6,934	10,355	8,821
-524,632	-1,747,896	-1,734,382	-1,237,220	96,371	820,576	21,715	-137,422

Table 10.3 Enrolment in public elementary and secondary schools, by province and territory, 1997/1998 to 2006/2007

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia ¹	New Brunswick
			number		
1997/1998	5,352,185	101,768	24,397	162,359	131,586
1998/1999	5,357,244	97,557	24,146	160,011	129,131
1999/2000	5,372,733	94,118	24,089	158,205	127,003
2000/2001	5,350,773	90,287	23,153	155,873	124,942
2001/2002	5,360,423	87,019	22,843	153,450	122,792
2002/2003	5,342,883	84,397	22,615	150,599	120,600
2003/2004	5,283,132	81,545	22,239	148,514	118,869
2004/2005	5,250,032	79,508	22,393	145,396	117,145
2005/2006	5,206,927	76,827	21,948	142,304	114,820
2006/2007	5,162,963	74,304	21,365	138,661	112,013

^{1.} Includes enrolment in vocational programs for youth and adults.

Source: Statistics Canada, Centre for Education Statistics.

Table 10.4 Graduates of public elementary and secondary schools, by province and territory, 1997/1998 to 2006/2007

	Canada	Newfoundland and Labrador	Prince Edward Island	Nova Scotia	New Brunswick
			number		
1997/1998	208,692	7,365	1,735	10,387	8,754
1998/1999	212,122	6,896	1,628	10,151	8,778
1999/2000	304,664	7,002	1,798	9,914	8,912
2000/2001	305,356	6,382	1,685	9,775	8,538
2001/2002	314,560	6,519	1,667	9,846	8,574
2002/2003	333,853	6,317	1,710	10,106	8,291
2003/2004	315,495	6,048	1,721	10,159	7,988
2004/2005	318,811	5,911	1,663	10,257	7,948
2005/2006	315,037	5,641	1,694	10,241	8,299
2006/2007	310,179	5,837	1,746	10,364	7,977

^{1.} Data exclude publicly funded hospital and provincial schools, care, treatment and correctional facilities.

Source: Statistics Canada, Centre for Education Statistics.

^{2.} Includes enrolment in adult programs and vocational programs for youth and adults.

^{3.} Data exclude publicly funded hospitals and provincial schools, care, treatment and correctional facilities.

Until 2000/2001, includes enrolment in adult programs and professional training under the authority of the school boards or districts.

^{5.} Includes enrolment in adult programs.

^{6.} Starting in 1999/2000, Northwest Territories excludes Nunavut.

Historical revisions have been made to this table to exclude students that graduated from adult learning centres registered under the Adult Learning Centres Act, effective July 2001.

The number of graduates in the final year is understated by 2% to 3% because some schools had not submitted course information before the data collection cutoff for this report.

Quebec ²	Ontario ³	Manitoba ⁴	Saskatchewan ⁵	Alberta	British Columbia ⁵	Yukon	Northwest Territories ⁶	Nunavut
number								
1,260,479	2,095,630	192,311	196,013	532,301	631,445	6,333	17,563	
1,250,248	2,111,622	192,630	194,797	543,387	629,545	6,102	18,068	
1,247,757	2,131,626	197,067	192,885	564,402	628,269	5,975	9,753	9,584
1,237,981	2,143,599	189,912	186,586	549,633	624,618	5,764	9,672	8,753
1,244,689	2,163,108	188,907	183,024	548,122	622,416	5,608	9,707	8,738
1,245,339	2,164,940	186,892	179,161	551,375	612,705	5,610	9,747	8,903
1,241,143	2,129,742	186,287	175,846	549,533	605,057	5,520	9,718	9,119
1,233,100	2,123,904	184,352	172,663	550,983	596,168	5,459	9,607	9,354
1,216,326	2,118,544	182,371	168,633	551,740	589,379	5,335	9,571	9,129
1,204,517	2,104,105	180,043	164,973	560,563	578,795	5,227	9,332	9,065

Quebec	Ontario ¹	Manitoba ²	Saskatchewan	Alberta	British Columbia ³	Yukon	Northwest Territories	Nunavut	
number									
90,884		11,970	12,452	28,152	36,360	245	297	91	
92,191		11,829	12,807	29,369	37,740	290	315	128	
69,000	114,404	11,807	13,105	28,321	39,716	258	293	134	
67,710	115,599	12,074	12,957	29,199	40,737	256	327	117	
66,276	124,783	11,791	12,739	29,759	41,985	266	218	137	
64,988	143,187	12,491	12,367	31,065	42,672	264	254	141	
67,896	123,238	12,819	11,957	32,054	40,863	315	303	134	
68,538	124,902	12,643	12,625	31,695	41,787	316	348	178	
69,984	118,099	12,514	12,698	32,241	42,720	311	410	185	
71,971	125,129	12,613	12,449	33,031	40,197	316	405	198	

Table 10.5 University and college revenue and expenditures, 1994 to 2008

	1994	1995	1996	1997	1998	1999
			\$ thou	isands		
Revenue	16,419,382	16,759,086	17,260,407	16,729,056	17,389,686	20,064,718
Own-source revenue	5,612,258	5,889,502	6,277,982	6,653,193	7,447,138	7,887,522
Sales of goods and services	4,349,760	4,567,345	4,843,608	5,187,833	5,699,797	6,044,702
Tuition fees	2,339,171	2,507,056	2,690,708	2,889,160	3,179,565	3,506,275
Other sales of goods and services	2,010,590	2,060,289	2,152,900	2,298,673	2,520,232	2,538,427
Investment income	367,552	366,970	427,658	408,272	556,419	476,694
Other revenue from own sources	894,945	955,187	1,006,716	1,057,088	1,190,922	1,366,126
Transfers from other levels of government	10,807,124	10,869,584	10,982,425	10,075,863	9,942,548	12,177,196
Federal government	1,095,690	1,110,639	1,090,080	1,022,516	980,566	1,112,046
Provincial and territorial governments	9,701,848	9,746,774	9,877,178	9,028,729	8,932,862	11,049,246
Local governments	9,586	12,171	15,167	24,618	29,120	15,904
Expenditures	16,749,070	16,917,362	17,192,872	16,804,525	17,194,597	18,022,802
Postsecondary education	16,451,698	16,559,462	16,747,684	16,381,240	16,762,116	17,679,221
Administration	3,103,484	3,157,017	3,361,662	3,205,490	3,251,008	3,438,931
Education	9,320,107	9,304,767	9,249,982	9,176,367	9,253,953	9,724,860
Support to students	428,626	447,082	453,669	307,665	347,649	407,889
Other	3,599,481	3,650,595	3,682,371	3,691,718	3,909,506	4,107,541
Special retraining services					••	
Debt charges	297,372	357,900	445,189	423,285	432,481	343,581
Surplus/deficit (-)	-329,689	-158,276	67,535	-75,469	195,089	2,041,916

Notes: Fiscal year ending March 31. Excludes Yukon College for confidentiality purposes. Source: Statistics Canada, CANSIM table 385-0007.

2008	2007	2006	2005	2004	2003	2002	2001	2000
				\$ thousands				
36,723,906	34,074,232	31,396,336	29,484,455	28,096,412	25,359,135	23,262,806	21,732,604	20,380,239
16,701,266	15,440,100	14,074,771	13,336,261	12,752,007	11,244,357	10,339,207	9,630,461	8,791,925
13,010,315	12,021,633	10,958,828	10,520,144	9,906,500	9,026,491	8,132,232	7,371,133	6,715,382
7,655,980	7,061,152	6,416,268	6,152,681	5,766,539	5,085,897	4,486,787	4,144,097	3,881,521
5,354,335	4,960,480	4,542,559	4,367,463	4,139,962	3,940,594	3,645,445	3,227,036	2,833,861
976,519	900,518	818,219	645,905	821,830	370,231	396,046	604,613	592,797
2,714,432	2,517,950	2,297,724	2,170,212	2,023,677	1,847,635	1,810,929	1,654,715	1,483,746
20,022,641	18,634,132	17,321,565	16,148,194	15,344,405	14,114,778	12,923,599	12,102,143	11,588,314
3,413,377	3,175,870	2,907,421	2,678,489	2,564,931	2,270,560	1,922,197	1,624,714	1,352,613
16,564,844	15,418,053	14,378,561	13,444,014	12,750,006	11,817,345	10,947,140	10,451,811	10,221,834
44,420	40,209	35,583	25,691	29,468	26,873	54,262	25,618	13,867
36,584,388	33,926,786	31,057,720	29,609,613	27,690,208	25,590,341	23,454,251	21,278,479	19,478,054
35,479,382	32,886,893	30,095,271	28,699,579	26,804,032	24,820,214	22,717,330	20,569,831	18,800,032
7,122,767	6,594,044	5,672,367	5,377,969	4,759,180	4,717,093	4,662,921	4,267,373	3,826,107
17,170,740	15,961,148	14,951,158	14,250,885	13,748,442	12,485,313	11,372,063	10,447,939	9,806,404
1,314,389	1,214,386	1,100,234	1,031,730	961,623	818,445	718,845	603,597	513,845
9,871,487	9,117,315	8,371,513	8,038,995	7,334,787	6,799,363	5,963,501	5,250,922	4,653,676
344,019	319,482	290,251	277,324	284,984	271,758	272,106	243,966	240,451
729,935	690,303	643,871	606,483	575,652	498,369	464,815	464,682	437,571
139,518	147,446	338,616	-125,158	406,204	-231,206	-191,445	454,125	902,185

Table 10.6 University enrolment, by instructional program, 1993/1994 to 2006/2007

	1993/1994	1994/1995	1995/1996	1996/1997	
	number				
All instructional programs	874,605	858,972	846,408	829,767	
Personal improvement and leisure					
Education	80,010	77,472	73,290	70,428	
Visual and performing arts and communications technologies	25,479	25,494	25,704	24,882	
Humanities	143,907	139,254	144,522	135,750	
Social and behavioural sciences and law	148,179	147,720	143,607	136,992	
Business, management and public administration	130,134	123,222	120,414	121,188	
Physical and life sciences and technologies	77,472	77,112	78,525	76,842	
Mathematics, computer and information sciences	32,607	32,454	32,133	32,622	
Architecture, engineering and related technologies	65,364	63,657	62,259	62,088	
Agriculture, natural resources and conservation	14,301	14,067	15,135	15,831	
Health, parks, recreation and fitness	71,730	73,131	73,884	74,694	
Personal, protective and transportation services	258	210	183	189	
Other instructional programs	85,167	85,173	76,752	78,255	

^{1.} Enrolment figures do not include the University of Regina.

Source: Statistics Canada, CANSIM table 477-0013.

Table 10.7 University enrolment, by program level, 1993/1994 to 2006/2007

	1993/1994	1994/1995	1995/1996	1996/1997
		num	ber	
All program levels	874,605	858,972	846,408	829,767
Trade/vocational and preparatory training certificate or diploma				
Community college certificate or diploma and other community college	3,015	2,016	2,409	2,457
Undergraduate level	668,535	658,284	648,972	639,588
Bachelor's and other undergraduate degree	596,274	586,116	580,185	575,886
Other undergraduate level	72,261	72,168	68,787	63,702
Graduate level	112,047	112,947	112,524	112,068
Master's degree	69,942	69,783	69,300	69,093
Earned doctorate	26,475	27,147	27,306	27,198
Other graduate levels ²	15,633	16,017	15,918	15,777
Other program levels ³	91,008	85,722	82,503	75,651

^{1.} Enrolment figures do not include the University of Regina.

^{2.} Includes master's qualifying year, university graduate level certificate or diploma, PhD (Doctor of Philosophy) qualifying year or probationary, internship (Postgraduate Medical Education, known as post-MD) and residency (medical, dental, veterinary).

^{3.} Includes program levels not applicable and non-program courses (non-credit courses or courses taken without seeking a credit). **Source:** Statistics Canada, CANSIM table 477-0013.

1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006 ¹	2006/20071
				nun	nber				
822,774	826,362	847,032	850,620	886,665	936,390	993,768	1,019,775	1,047,690	1,057,272
			0	66	69	51	117	333	234
67,623	65,673	66,282	66,483	69,492	72,042	76,875	72,786	73,977	74,520
24,984	25,359	25,410	26,922	27,915	32,331	34,200	36,867	37,221	37,524
130,038	127,392	121,395	126,813	133,149	143,193	158,115	156,204	165,066	160,521
132,135	129,795	132,378	135,111	138,552	149,577	162,972	177,153	182,613	187,302
124,626	128,556	134,169	134,784	141,534	152,295	161,235	165,243	168,435	174,714
76,536	75,537	77,289	77,082	78,255	81,804	87,261	92,199	94,497	93,564
34,407	37,473	41,490	43,053	46,035	45,837	43,977	40,764	36,600	33,900
63,438	65,223	67,299	70,038	74,847	81,096	85,785	86,529	85,503	85,755
16,731	16,362	16,419	15,504	14,943	14,592	14,769	14,925	15,264	15,501
74,781	74,826	74,832	74,643	80,991	85,293	92,397	98,643	104,235	108,450
351	345	372	1,047	1,185	1,317	1,299	1,827	1,761	2,238
77,118	79,821	89,700	79,134	79,698	76,953	74,832	76,512	82,182	83,058

1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006 ¹	2006/20071
	number								
822,774	826,362	847,032	850,620	886,665	936,390	993,768	1,019,775	1,047,690	1,057,272
		147	204	90	159	168	108	858	768
2,352	2,232	2,289	2,295	2,088	4,719	2,946	2,379	4,521	4,257
633,018	633,495	650,391	657,231	680,682	719,124	770,718	788,781	803,403	811,842
572,331	571,161	583,170	589,734	613,524	648,369	702,366	724,689	743,619	754,470
60,687	62,337	67,221	67,500	67,158	70,755	68,349	64,089	59,781	57,369
112,692	113,481	116,304	118,152	124,605	134,955	142,833	150,954	153,684	156,111
69,852	71,292	74,331	75,195	79,533	85,800	89,565	93,867	94,011	95,682
27,003	26,505	26,493	26,598	27,390	29,340	32,016	34,686	36,699	36,765
15,834	15,681	15,483	16,356	17,679	19,815	21,249	22,404	22,977	23,664
74,712	77,154	77,898	72,741	79,206	77,433	77,103	77,553	85,224	84,300

Table 10.8 University degrees, diplomas and certificates granted, 1993 to 2006

	1993	1994	1995	1996
All instructional programs	173,850	178,074	178,065	178,113
Personal improvement and leisure				
Education	26,700	26,304	26,454	25,713
Visual and performing arts and communications technologies	5,124	5,310	5,241	5,199
Humanities	22,638	23,058	22,386	22,377
Social and behavioural sciences and law	38,334	39,423	39,678	38,988
Business, management and public administration	31,431	31,620	30,252	30,054
Physical and life sciences and technologies	12,015	13,119	13,662	14,631
Mathematics, computer and information sciences	6,762	6,825	7,194	6,996
Architecture, engineering and related technologies	12,135	12,999	13,293	13,341
Agriculture, natural resources and conservation	2,400	2,616	2,754	3,036
Health, parks, recreation and fitness	15,714	16,197	16,563	16,734
Personal, protective and transportation services	63	78	54	75
Other instructional programs	534	525	537	966

^{1.} Qualifications figures do not include the University of Regina.

Source: Statistics Canada, CANSIM table 477-0014.

Table 10.9 University degrees, diplomas and certificates granted, by province, 1993 to 2006

	1993	1994	1995	1996		
		number				
Canada	173,850	178,074	178,065	178,113		
Newfoundland and Labrador	2,649	2,718	2,571	2,907		
Prince Edward Island	498	573	585	528		
Nova Scotia	7,806	8,103	7,887	7,725		
New Brunswick	3,945	4,005	4,149	4,428		
Quebec	56,337	57,852	56,856	56,253		
Ontario	64,803	66,189	66,861	67,668		
Manitoba	5,958	6,285	6,315	6,030		
Saskatchewan	6,216	5,415	5,784	5,715		
Alberta	11,637	12,282	12,270	12,240		
British Columbia	13,998	14,652	14,784	14,616		

^{1.} Qualifications figures do not include the University of Regina.

Source: Statistics Canada, CANSIM table 477-0014.

Education, training and learning

1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹	2006 ¹
				num	nber				
173,934	172,074	173,577	176,556	178,098	186,498	198,795	210,441	215,298	225,909
							3	33	45
23,742	21,636	22,290	22,542	22,350	23,670	24,873	25,407	25,320	26,811
5,205	5,256	5,202	5,373	5,904	6,318	6,981	7,554	7,842	8,148
20,988	20,364	19,593	20,064	20,103	20,730	22,359	22,506	24,033	25,104
37,872	37,899	36,702	36,315	35,784	36,990	38,574	41,307	42,024	45,495
29,916	30,492	31,629	33,213	34,791	37,581	40,944	44,295	45,312	45,771
15,183	15,552	14,607	14,730	14,763	14,283	14,721	15,378	15,909	17,190
6,867	6,966	7,710	8,448	9,009	10,005	10,602	11,040	9,993	9,417
12,912	13,026	12,798	13,305	13,842	14,766	16,386	17,499	17,973	18,537
3,240	3,258	3,825	4,008	3,888	3,663	3,771	3,615	3,303	3,600
16,746	16,497	16,920	16,518	16,314	17,328	18,258	20,229	21,873	23,847
102	81	90	81	228	270	270	360	327	474
1,158	1,047	2,211	1,959	1,122	900	1,050	1,248	1,356	1,473

1997	1998	1999	2000	2001	2002	2003	2004	2005 ¹	2006 ¹
	number								
173,934	172,074	173,577	176,556	178,098	186,498	198,795	210,441	215,298	225,909
2,952	3,000	3,114	2,931	2,862	2,898	2,976	3,111	3,126	3,597
570	405	540	534	606	555	624	672	750	792
7,785	7,812	7,824	7,638	7,680	7,878	8,766	9,579	9,513	10,119
4,311	4,032	3,975	4,032	4,098	4,398	4,557	4,944	5,244	5,463
53,589	51,066	50,958	50,847	51,153	54,009	57,786	61,212	62,973	62,832
65,562	65,898	65,697	67,221	68,286	71,109	76,134	80,436	84,138	89,166
5,895	5,640	5,442	5,340	5,397	5,580	5,871	6,309	6,339	6,771
5,337	5,445	5,547	5,793	5,694	5,739	5,868	5,778	3,747	3,747
12,816	13,002	13,560	14,052	15,087	16,344	17,199	18,189	18,009	19,182
15,117	15,780	16,917	18,171	17,238	17,982	19,014	20,211	21,459	24,243

Table 10.10 Employment in educational and related services, by province and territory, 2004 to 2008

	2004	2005	2006	2007	2008
			number		
Canada	1,041,129	1,058,974	1,082,942	1,109,718	1,135,454
Newfoundland and Labrador	19,005	18,404	18,790	18,907	19,983
Prince Edward Island	4,464	4,462	4,466	4,636	х
Nova Scotia	36,496	35,884	36,964	35,642	36,429
New Brunswick	20,626	22,621	24,327	24,249	24,972
Quebec	256,080	257,734	260,997	265,890	270,977
Ontario	383,751	393,207	403,082	415,559	426,352
Manitoba	43,750	44,710	44,242	44,592	46,159
Saskatchewan	37,977	38,603	38,818	39,897	40,328
Alberta	107,758	110,010	112,382	117,496	121,893
British Columbia	126,812	129,031	134,665	138,489	139,086
Yukon	1,156	1,200	1,234	1,300	Х

Notes: Excludes owners or partners of unincorporated businesses and professional practices, the self-employed, unpaid family workers, people working outside Canada, military personnel, and casual workers for whom a T4 is not required. Data for Northwest Territories and Nunavut are not available.

Data are based on Survey of Employment, Payrolls and Hours.

Source: Statistics Canada, CANSIM table 281-0024.

Table 10.11 Undergraduate tuition fees for full-time students, by discipline, 2006/2007 to 2008/2009

	2006/2007	2007/2008r	2008/2009
		average (\$)	
Average undergraduate tuition fees	4,400	4,558	4,724
Agriculture, natural resources and conservation	3,869	4,064	4,181
Architecture and related technologies	3,839	3,999	4,246
Humanities	4,336	4,342	4,478
Business, management and public administration	4,195	4,637	4,828
Education	3,373	3,545	3,666
Engineering	4,943	5,099	5,310
Law	7,155	7,382	7,720
Medicine	9,659	10,029	10,392
Visual and performing arts, and communications technologies	3,991	4,239	4,389
Physical and life sciences and technology	4,270	4,534	4,682
Mathematics, computer and information sciences	4,650	4,746	4,947
Social and behavioural sciences	4,041	4,165	4,318
Other health, parks, recreation and fitness	4,996	4,400	4,551
Dentistry		12,516	12,906
Nursing		4,267	4,385
Pharmacy		4,215	4,298
Veterinary medicine		4,296	4,441

Note: Using the most current enrolment data available, average tuition fees have been weighted by the number of students enrolled by institution and field of study. Fees at both public and private institutions are included in the weighted average calculations.

Source: Statistics Canada, Centre for Education Statistics.

Table 10.12 Undergraduate tuition fees for full-time students, by province, 2006/2007 to 2008/2009

	2006/2007	2007/2008	2008/2009
		average (\$)	
Canada	4,400	4,558	4,724
Newfoundland and Labrador	2,633	2,632	2,632
Prince Edward Island	4,920	4,440	4,530
Nova Scotia	6,422	6,110	5,932
New Brunswick	5,470	5,590	5,590
Quebec	1,932	2,056	2,167
Ontario	5,155	5,388	5,643
Manitoba	3,319	3,271	3,276
Saskatchewan	4,774	5,015	5,015
Alberta	4,763	5,122	5,361
British Columbia	4,740	4,922	5,040

Note: Using the most current enrolment data available, average tuition fees have been weighted by the number of students enrolled by institution and field of study. Fees at both public and private institutions are included in the weighted average calculations.

Source: Statistics Canada, Centre for Education Statistics.

Table 10.13 Public and private elementary and secondary education expenditures, 1998/1999 to 2002/2003

	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003
			\$ thousands		
Canada	38,758,819	39,403,757	40,285,311	42,294,686	43,695,970
Newfoundland and Labrador	569,287	573,908	577,319	608,376	626,405
Prince Edward Island	143,263	142,211	150,277	156,399	154,309
Nova Scotia	1,027,450	1,080,247	996,439	1,006,261	1,063,426
New Brunswick	866,150	885,836	843,565	864,441	893,478
Quebec	7,772,687	8,554,451	8,860,058	9,628,481	9,507,216
Ontario	16,191,535	15,786,513	15,842,478	16,390,755	17,122,615
Manitoba	1,690,214	1,756,112	1,821,560	1,853,923	1,976,918
Saskatchewan	1,375,143	1,389,976	1,453,208	1,490,336	1,633,710
Alberta	3,882,363	3,922,073	4,139,444	4,401,026	4,724,349
British Columbia	4,907,057	5,005,492	5,294,063	5,552,127	5,621,639
Yukon	76,779	81,178	81,289	87,159	90,812
Northwest Territories including Nunavut	208,959				
Northwest Territories		118,246	117,625	140,288	151,824
Nunavut		85,416	85,439	91,986	98,458
Foreign and undistributed ¹	47,932	22,098	22,547	23,128	30,811

Note: Data are estimates for 2002/2003, budgetary for 2001/2002, and preliminary for 2000/2001.

Source: Statistics Canada, CANSIM table 478-0014.

Foreign and undistributed expenditures by the federal government that cannot be attributed to a particular province or territory.

Table 10.14 Registered apprenticeship training, change in registrations and completions, by major trade group, 2001/2002 to 2005/2006

	2001/2002	2002/2003	2003/2004	2004/2005	2005/2006
		-	annual % change	9	
Total major trade groups					
Registrations	7.5	8.4	6.8	9.7	11.7
Completions	-9.7	11.0	6.4	4.3	1.5
Building construction trades					
Registrations	12.9	13.2	12.6	13.4	9.9
Completions	-1.7	24.7	1.6	14.5	7.6
Electrical, electronics and related trades					
Registrations	8.8	7.0	7.1	8.8	10.0
Completions	-0.5	-8.3	24.2	6.7	9.5
Food and service trades					
Registrations	5.3	8.5	3.8	4.7	8.8
Completions	-25.5	16.6	5.7	2.5	-8.1
Industrial and related mechanical trades					
Registrations	4.9	5.9	1.0	5.7	10.2
Completions	-9.7	18.4	6.5	-4.9	1.5
Metal fabricating trades					
Registrations	5.3	5.5	3.7	10.4	13.5
Completions	-8.1	15.4	8.0	-1.1	-3.4
Motor vehicle and heavy equipment trades					
Registrations	5.0	8.1	5.9	9.3	12.4
Completions	-13.0	8.1	-3.4	8.2	-1.0
Other trades ¹					
Registrations	14.0	12.4	16.1	11.4	29.5
Completions	-3.3	24.1	0.0	1.4	21.9

^{1.} Includes miscellaneous trades and occupations not classified elsewhere. Many of the apprenticeship trades and occupations that have been introduced since the 1990s have been added to this group. Some of these new trades and occupations include child and youth worker, early childhood educator, pork production technician and those related to motion pictures and theatres, such as assistant cameraperson, grip, and set dresser.

Source: Statistics Canada, CANSIM tables 477-0051 and 477-0052.