

Economic and Demographic Profile
of
Northern Alberta

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Prepared by:
Northern Development Branch
October 1998

Northern Development Branch
206 Provincial Building
9621-96 Avenue, Postal Bag 900-14
Peace River, Alberta
T8S 1T4

Tel. (403) 624-6274 (Toll free 310-0000)
Fax. (403) 624-6184
E-mail council@nadc.gov.ab.ca
Web Site <http://www.gov.ab.ca/nadc/>

Note: The area code for Northern Alberta will change from 403 to 780 in January 1999.

October 1998

The Northern Alberta Development Council is pleased to present this updated Economic and Demographic profile of Northern Alberta. This profile contains statistical information that provides an overview of the North's economy and social make up.

As time progresses new information will become available. If more detailed or more recent information is desired, readers may contact the Northern Development Branch or the appropriate government department.

Mike Cardinal, M.L.A.

A handwritten signature in cursive script that reads "M. Cardinal".

Chair

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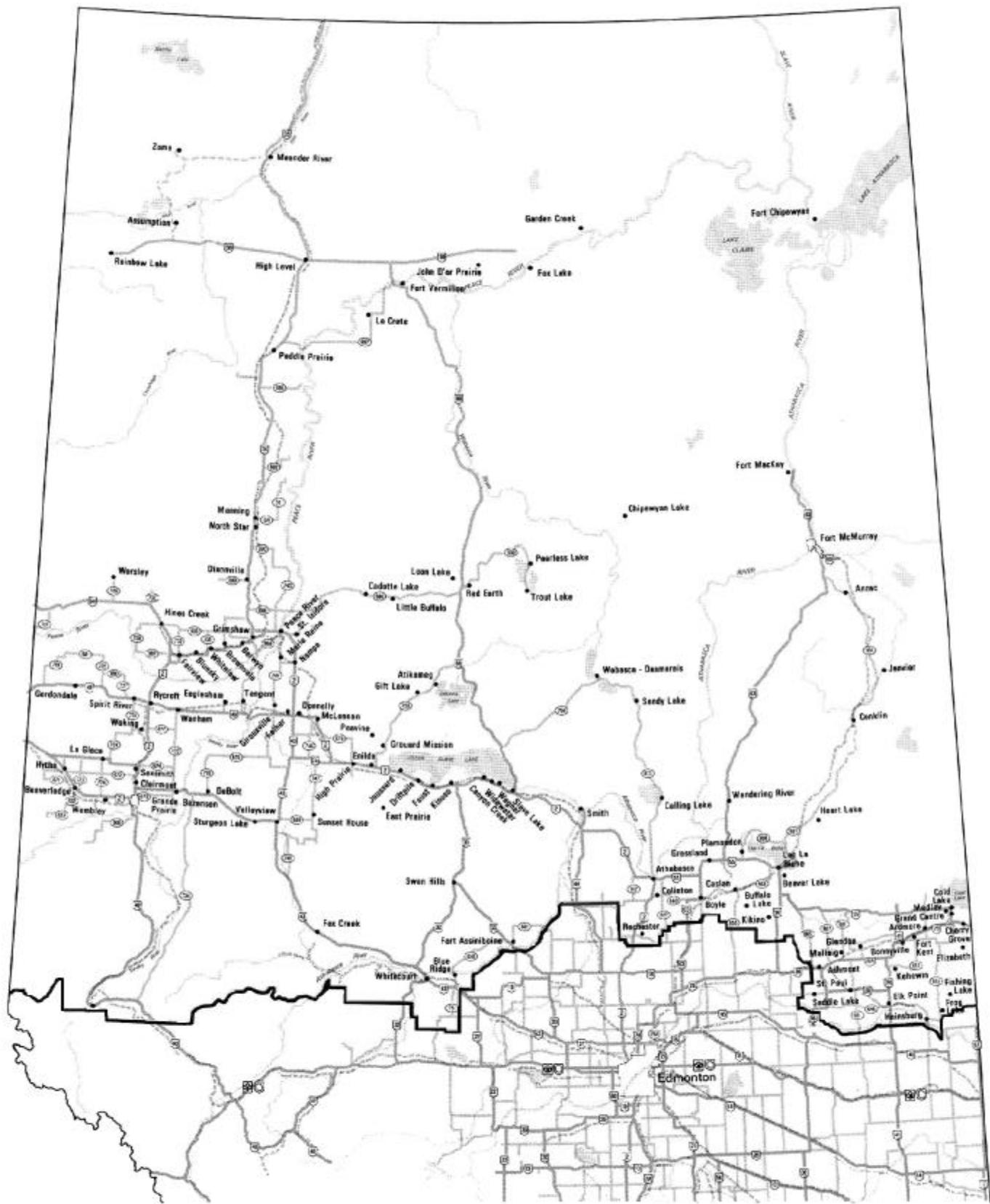
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NADC Area at a Glance

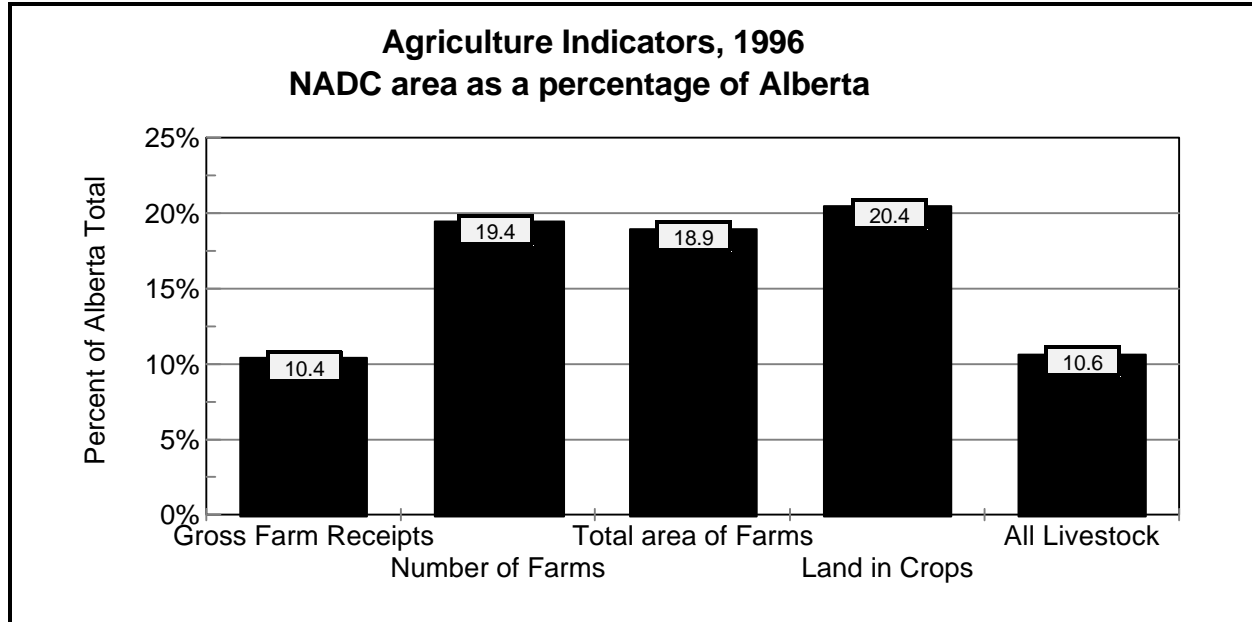
	NADC Area	NADC Compared to Alberta	Alberta	Year
Demographics				
Area (Square km)	380,229.5	60%	638,232.7	1996
Population	251,223	9.3%	2,696,826	1996
Average Family Income (Dollars)	55,175	3% Below Average	56,916	1996
Families with Income under \$20000	9,790	Same (4%)	93,235	1996
Agriculture and Forestry Indicators				
Number of Farms	11,465	19%	59,007	1996
Area Farmed (1000 Acres)	9,800	19%	52,000	1996
Crop Production (1000 Tonnes)	5,000	21%	26,000	1996
Livestock Production (1000 Head)	865	11%	8,148	1996
Farm Receipts (1000 Dollars)	825,000	10.4%	7,900,000	1996
Timber Harvest (1000 M ³)	12,324	73.3%	16,805	1997
Oil and Gas Indicators				
Natural Gas Production (Million M ³)	47,805	37.4%	127,670	1996
Crude Oil Production All Fields(1000 M ³)	20,451	42.4%	48,231	1996
Oil Sands Production (1000 M ³)	16,000	100%	16,000	1996
GDP by Industry Sector *				
GDP Agriculture Sector (Million Dollars)	225	10.4%	2,165	1996
GDP Oil, Gas and Minerals Sector (Million Dollars)	6,026	38.1%	15,811	1996
GDP Forestry, Wood & Paper Sector (Million Dollars)	1,198	73.3%	1,634	1996
GDP Other Industry Sectors (Million Dollars)	5,450	8.0%	63,093	1996
GDP Total (Million Dollars)	12,526	15.1%	82,912	1996

* The figures representing the NADC area contribution to the provincial GDP are estimations, see page 20 for the calculation method.



Economy

Agriculture



Source: Alberta Agriculture, Food and Rural Development, 1996 Agriculture Year Book

There are approximately 9,845,000 acres of agricultural land in the NADC area. This accounts for roughly 19% of the province's farms and farm land. This northern agricultural land is located in two distinct regions. One of these extends from the Athabasca area east to St. Paul and the Saskatchewan border. The other encompasses an area from Grande Prairie to High Prairie and north to High Level and Fort Vermilion. This second region contains Canada's most northern agricultural land. Long hours of sunlight help compensate for a short growing season.

Of this northern farm land less than 50% was in crops during 1996. The remainder of the farm land was either in summer fallow or used for pasture or other uses such as Christmas tree lots. Wheat and barley are popular crops and made up most of the grain harvest in 1996.

Canola and oats are also grown in the north with some of the former being processed into oil in northern plants. Tame hay has also become an important crop in the region making up 34% of all hay produced in Alberta. Processed agriculture products such as alfalfa pellets and fescue fibre board as well others are part of a growing northern value-added industry.

Cattle are the predominant livestock choice of northern farmers making up over 79% of the livestock head count. Bison and hogs are growing in importance.

Gross farm receipts in 1996 for the NADC region amounted to over \$825 million or about 10.4% of Alberta's total gross farm receipts.

Gross Farm Receipts for the NADC Area, 1996

Municipality	Number of Farms Reporting	Gross Farm Receipts	Percentage of Alberta Total
Athabasca County No. 12	1,055	\$56,624,465	0.7%
Grande Prairie County No. 1	1,560	\$123,476,880	1.6%
St. Paul County No. 19	961	\$74,917,946	0.9%
MD of Big Lakes	532	\$25,532,592	0.3%
Birch Hills MD No. 19	362	\$46,424,625	0.6%
Bonnyville MD No. 87	1,349	\$74,432,193	0.9%
Clear Hills MD No. 21	591	\$40,220,811	0.5%
East Peace MD No. 131	280	\$29,064,840	0.4%
Fairview MD No. 136	344	\$39,084,903	0.5%
Greenview MD No. 16	798	\$44,617,483	0.6%
Lesser Slave River MD No.124	205	\$7,790,257	0.1%
Mackenzie MD No. 23	669	\$37,651,999	0.5%
Northern Lights MD No. 22	735	\$49,174,449	0.6%
Opportunity MD No. 17	11	\$424,926	0.01%
Peace MD No. 135	251	\$20,772,546	0.3%
Saddle Hills MD No. 20	660	\$51,593,478	0.7%
Smoky River MD No. 130	527	\$71,767,335	0.9%
Spirit River MD No. 133	185	\$18,153,296	0.2%
Woodlands MD No. 15	360	\$13,446,210	0.2%
Regional Municipality of Wood Buffalo	N/A	N/A	N/A
Improvement District No. 24	N/A	N/A	N/A
NADC Area Total	11,435	\$825,171,234	10.4%
Alberta Total	59,007	\$7,911,130,554	100%

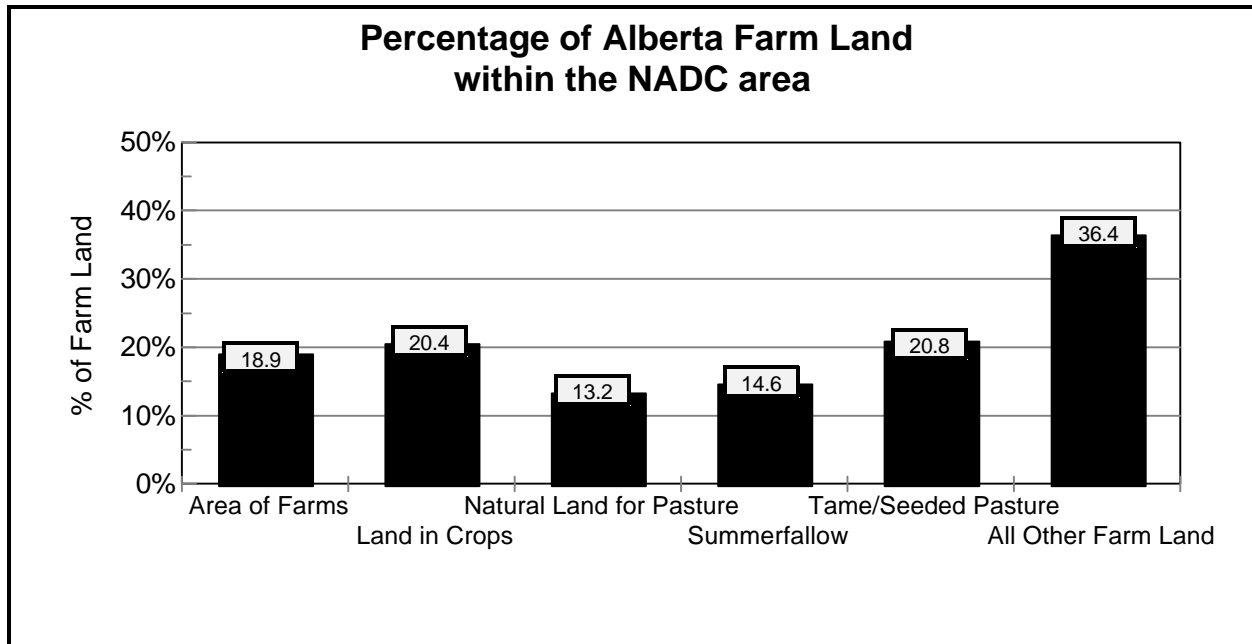
Source: Alberta Agriculture, Food and Rural Development, 1996 Census of Agriculture

Farm Data for the NADC Area, 1996

Municipality	Rural Population	Number of Farms	Total Area of Farms (Acres)	Average Farm Size (Acres)	Land in Crops (Acres)
Athabasca County 12	7,415	1,055	700,839	664	312,315
Grande Prairie County 1	13,750	1,560	1,187,367	761	625,048
St. Paul County 19	6,335	961	771,269	803	305,983
MD of Big Lakes	5,830	532	435,704	819	160,129
Birch Hills MD 19	1,356	362	477,426	1,319	288,711
Bonnyville MD 87	13,909	1,349	1,125,911	835	374,047
Clear Hills MD 21	2,886	591	618,925	1,047	300,707
East Peace MD 131	2,264	280	331,912	1,185	184,865
Fairview MD 136	1,829	344	314,544	914	209,314
Greenview MD 16	5,433	798	692,648	868	265,799
Lesser Slave River MD 124	2,716	205	126,366	616	37,624
Mackenzie MD 23	7,980	699	538,963	771	298,529
Northern Lights MD 22	4,462	735	678,828	924	363,454
Opportunity MD 17	3,060	11	7,758	705	2,546
Peace MD 135	1,562	251	231,212	921	133,058
Saddle Hills MD 20	2,724	660	638,597	968	331,511
Smoky River MD 130	2,491	527	563,650	1,070	436,633
Spirit River MD 133	809	185	178,607	965	130,546
Woodlands MD 15	3,699	360	224,050	622	61,912
Regional Municipality of Wood Buffalo	2,135	N/A	N/A	N/A	N/A
Improvement District No. 24*	370	N/A	N/A	N/A	N/A
NADC Area Total	93,015	11,465	9,844,576	859	4,822,731
Alberta Total	554,011	59,007	51,964,360	881	23,590,033
NADC as a % of Alberta	17%	19%	19%	N/A	20%

Source: Alberta Agriculture, Food and Rural Development, 1996 Agriculture Statistics Yearbook

Farm Land Use, Alberta and NADC Area

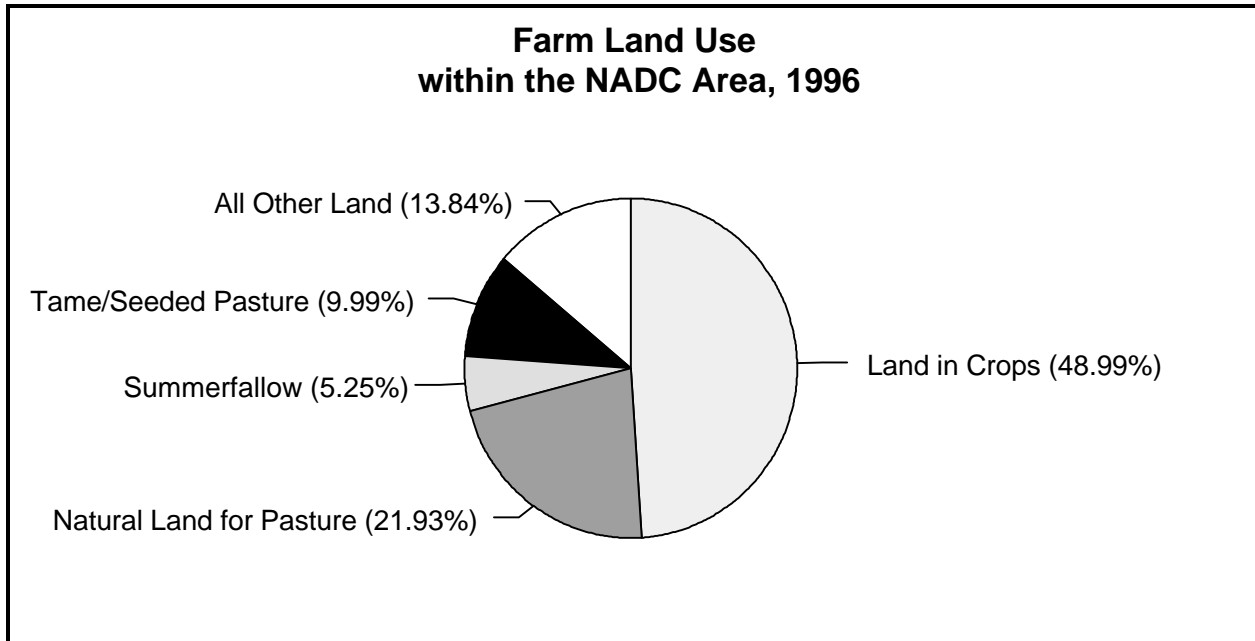


Farm Land Use, 1996

Land Use (1000 Acres)	NADC Area	Alberta	NADC as a Percentage of Alberta
Land in Crops	4,822.7	23,590.0	20.4%
Natural Land for Pasture	2,158.7	16,347.3	13.2%
Summer Fallow	517.1	3,550.3	14.6%
Tame or Seeded Pasture	983.6	4,731.1	20.8%
All Other Farm Land (Including Xmas Tree Area)	1,362.5	3,745.7	36.4%
Total Area of Farms	9,844.6	51,964.4	18.9%

Source: Alberta Agriculture, Food and Rural Development, 1996 Census of the Agriculture

Farm Land Use, NADC Area



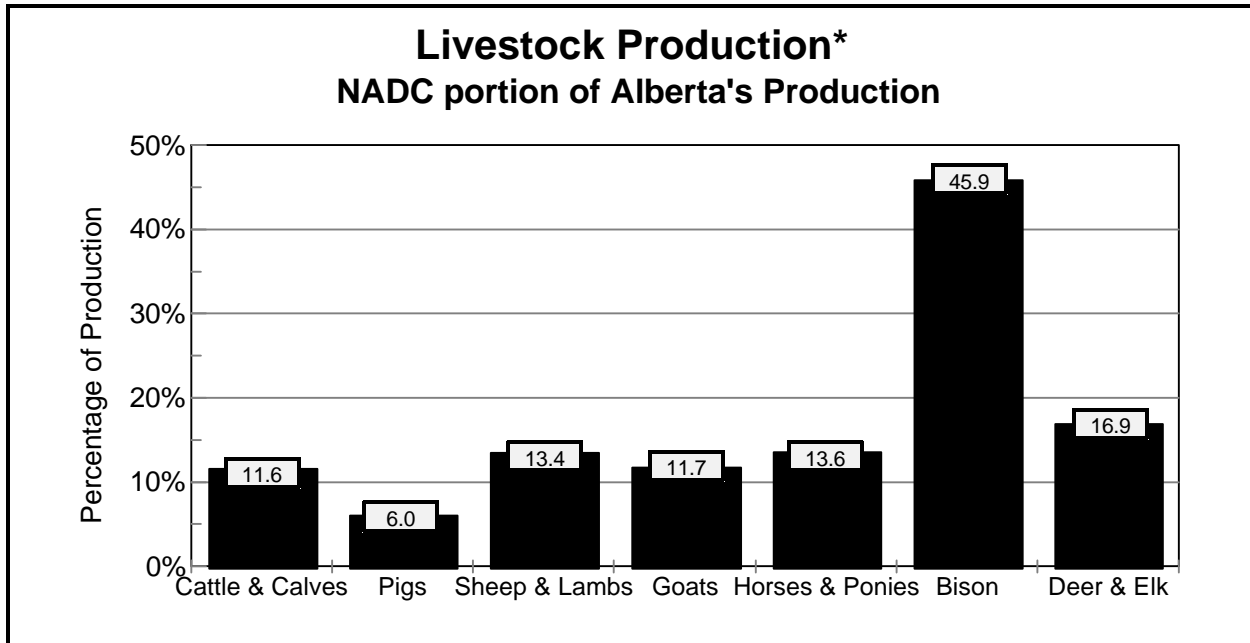
Farm Land Use within the NADC Area, 1996

Land Use (1000 Acres)	Portion of NADC Area Farm Land	Percentage Breakdown of NADC Area Farm Land	Percentage Breakdown of Alberta's Farm Land
Land in Crops	4,882.7	48.99%	45.40%
Natural Land for Pasture	2,158.7	21.93%	31.46%
Summer Fallow	517.1	5.25%	6.83%
Tame Seeded Pasture	983.6	9.99%	9.10%
All Other Farm Land*	1,362.5	13.84%	7.21%
Total Area of Farms	9,844.6	100.00%	100.00%

Source: Alberta Agriculture, Food and Rural Development, 1996 Census of the Agriculture

* Includes Christmas Tree Area

Livestock Production, Alberta and NADC area



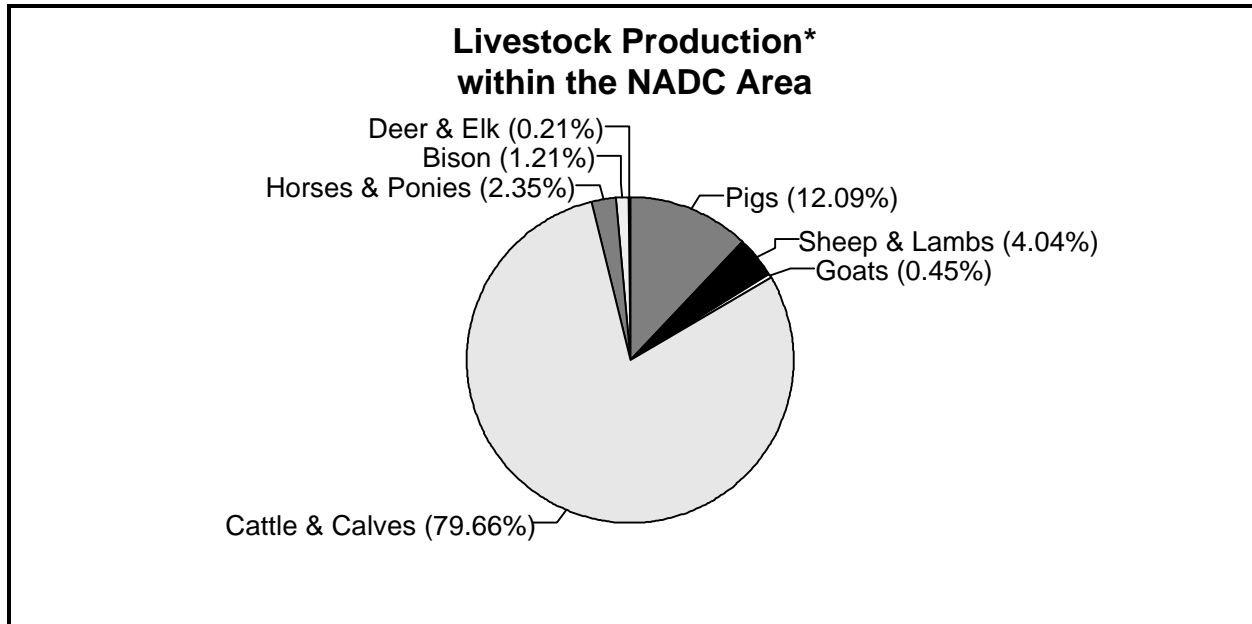
Livestock Production*, 1996

Type of Livestock (Head Count)	NADC Area	Alberta	NADC as a Percentage of Alberta
Cattle and Calves	689,004	5,942,257	11.6%
Pigs	104,544	1,729,810	6.0%
Sheep and Lambs	34,935	259,817	13.4%
Goats	3,858	32,960	11.7%
Horses and Ponies	20,346	149,960	13.6%
Bison	10,447	22,782	45.9%
Deer and Elk	1,805	10,687	16.9%
Total	864,939	8,148,273	10.6%

Source: Alberta Agriculture, Food and Rural Development, 1996 Census of Agriculture

* Livestock production is measured by animal head count. This includes both young and mature animals.

Livestock Production, NADC Area



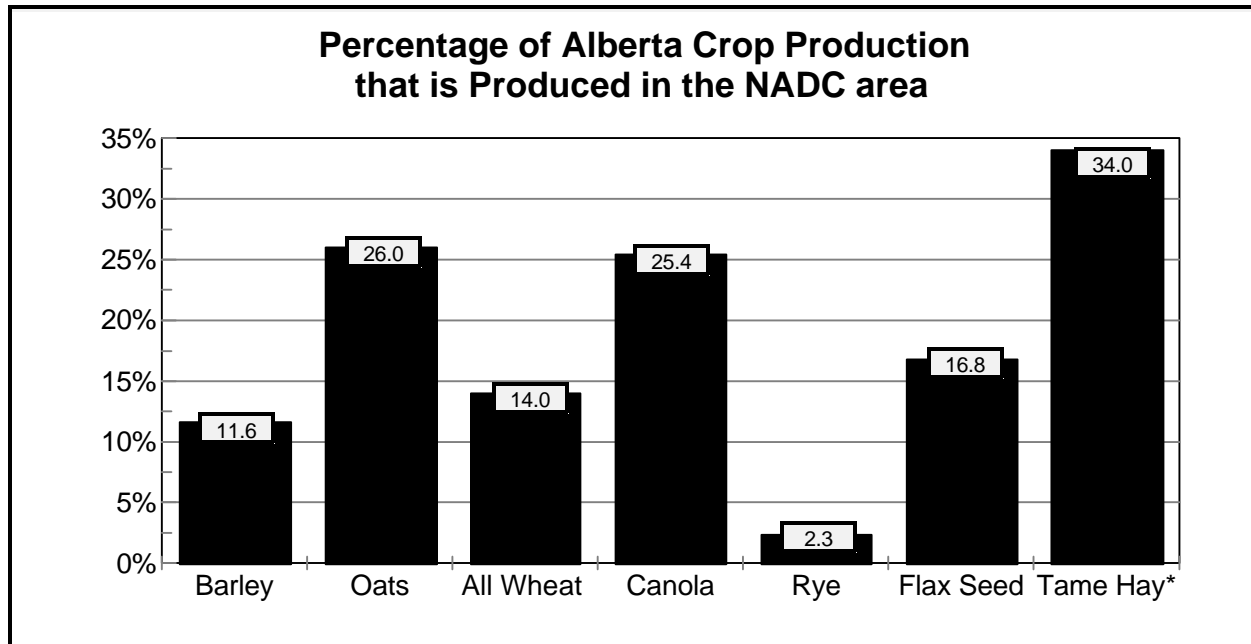
Livestock Production* within the NADC Area, 1996

Type of Livestock (Head Count)	NADC Area	Percentage breakdown of NADC Area Livestock Production	Percentage breakdown of Alberta Livestock Production
Cattle and Calves	689,004	79.66%	72.93%
Pigs	104,544	12.09%	21.23%
Sheep and Lambs	34,935	4.04%	3.19%
Goats	3,858	0.45%	0.40%
Horses and Ponies	20,346	2.35%	1.84%
Bison	10,447	1.21%	0.28%
Deer and Elk	1,805	0.21%	0.13%
Total	864,939	100.00%	100.00%

Source: Alberta Agriculture, Food and Rural Development, 1996 Census of Agriculture

* Livestock production is measured by animal head count. This includes both young and mature animals.

Crop Production, Alberta and NADC Area



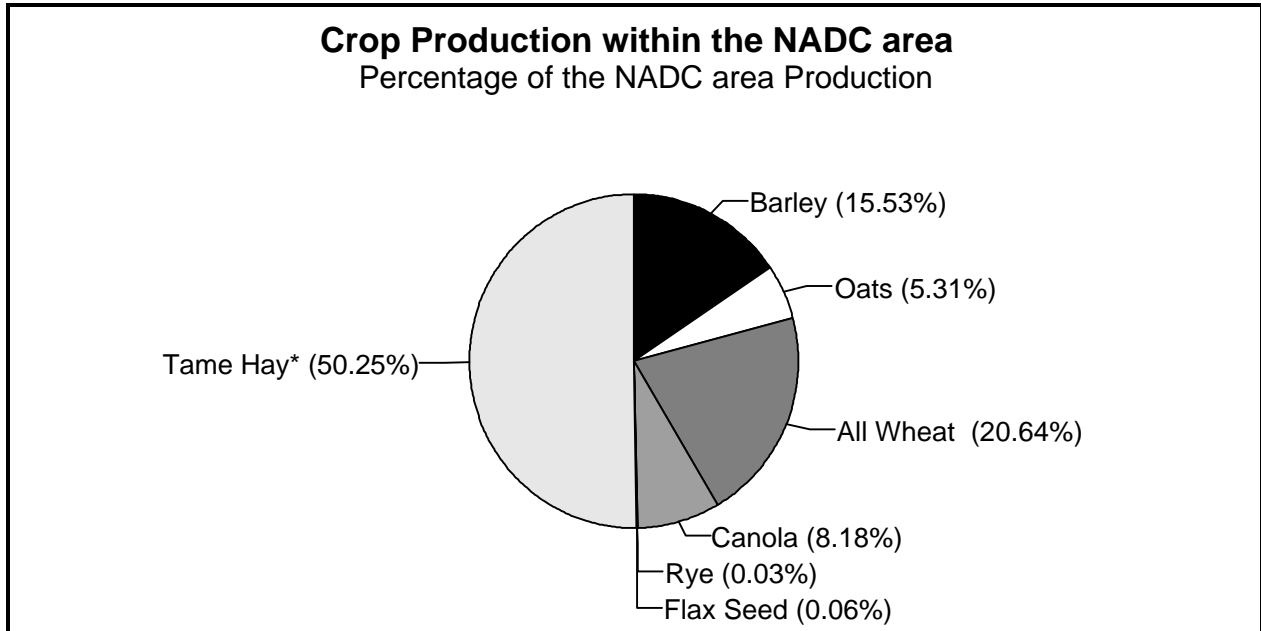
Crop Production, 1996

Crop Production (1000 Tonnes)	NADC Area	Alberta	NADC Area as a Percentage of Alberta
Barley	820.87	7,076.00	11.6%
Oats	280.70	1,079.50	26.0%
All Wheat	1,090.69	7,789.10	14.0%
Canola	432.33	1,701.00	25.4%
Rye	1.50	64.10	2.3%
Flax Seed	3.40	20.30	16.8%
Tame Hay*	2,654.52	7,800.00	34.0%
Total Crop Production	5,284.01	25,530.00	20.7%

Source: Alberta Agriculture, Food and Rural Development, 1996 Census of Agriculture

* Comprises both alfalfa and grasses.

Crop Production, NADC Area



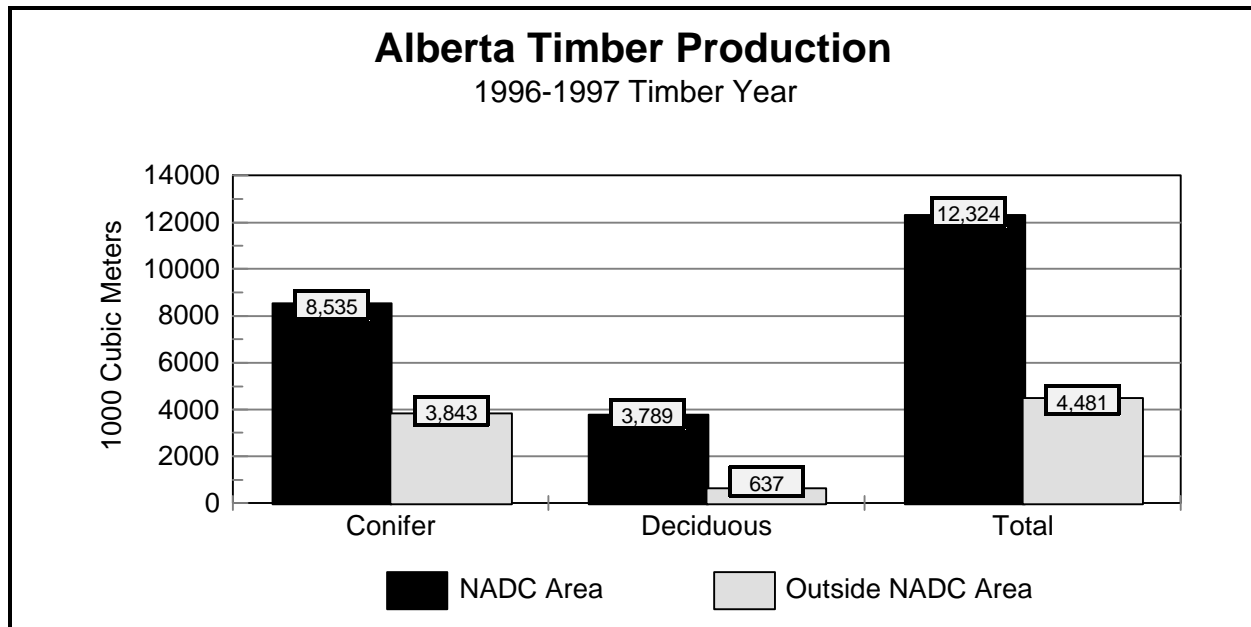
Crop Production within the NADC Area, 1996

Crop Production (1000 Tonnes)	NADC Area	Percentage of NADC Area Total Crop Production	Percentage of Alberta Crop Production
Barley	820.87	15.53%	27.72%
Oats	280.70	5.31%	4.23%
All Wheat	1,090.69	20.64%	30.51%
Canola	432.33	8.18%	6.66%
Rye	1.50	0.03%	0.25%
Flax Seed	3.40	0.06%	0.08%
Tame Hay*	2,654.52	50.24%	30.55%
Total Crop Production	5,284.01	100.00%	100.00%

Source: Alberta Agriculture, Food and Rural Development; 1996 Census of Agriculture

* Comprises both alfalfa and grasses.

Forestry



Timber Production for the 1996-1997 Timber Year

Timber Harvest (Cubic Meters)	NADC Area	Outside NADC	Alberta Total	NADC as a Percentage of Alberta
Conifer	8,535,242 m ³	3,843,214 m ³	12,378,456 m ³	68.95%
Deciduous	3,788,872 m ³	637,398 m ³	4,426,270 m ³	85.60%
Total Production	12,324,114 m³	4,480,613 m³	16,804,727 m³	73.34%

Source: Alberta Environment Protection, Forestry Division

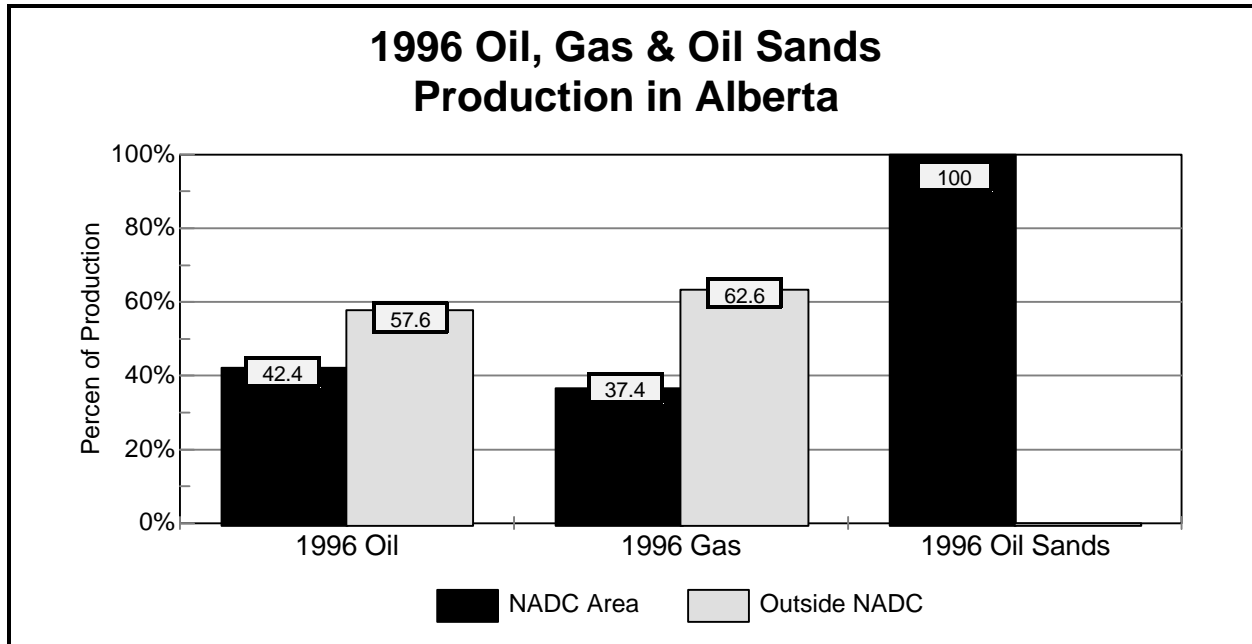
Most of Alberta's forested land is located in the NADC area. The majority of the northern forest is close to an equal mix of coniferous and deciduous trees. The exception to this is the Athabasca region which is mostly coniferous.

The north supports a very productive forest industry which contributed an estimated \$1.2 billion to the Alberta GDP in 1996. This amounts to 73% of the \$1.6 billion

contributed to the provincial GDP from forestry, wood and paper and allied products sectors in the province. More than 73% of Alberta's timber harvest came from the NADC area in 1996/1997.

The forest industry in the NADC area produces a wide variety of lumber and pulp and paper products, using both hardwood and softwood species.

The Energy Sector



Oil and Gas Indicators	NADC Area	NADC as a Percentage of Alberta	Alberta
Production, 1996			
Natural Gas (Million M ³)	47,805	37.4%	127,670
Crude Oil all Fields (Thousand M ³)	20,541	42.4%	48,321
Oil Sands (Thousand M ³)	16,000	100%	16,000
Cumulative Production, 1997			
Marketable Natural Gas (Million M ³)	675,141	27.8%	2,432,711
Conventional Crude Oil (Thousand M ³)	769,916	36.2%	2,124,805
Oil Sands (Thousand M ³)	406,700	100%	406,700
Reserves, 1997			
Marketable Natural Gas (Million M ³)	440,535	34.3%	1,283,906
Conventional Crude Oil (Thousand M ³)	116,920	35.8%	326,848
Light & Medium Crude Oil (Thousand M ³)	768,032	40.2%	1,910,032
Heavy Crude Oil (Thousand M ³)	636	1%	67,653
Oil Sands Remaining Established Reserves (Thousand M ³)	614,000	100%	614,000
Surface-mineable Oil Sands	340,000	100%	340,000
In situ Oil Sands	274,000	100%	274,000

Source: Alberta Energy and Utilities Board, Alberta's Reserves 1997;
Geologic Systems Ltd. Calgary (1996 Production Figures)

Oil and Gas Activity

Oil and gas fields reporting production in 1996 indicate that 42% of the crude oil and 37% of the natural gas produced in Alberta came from the NADC region. At this same time 100% of oil sands production took place in the NADC area. This is a very productive

industry sector. When combined with the services related to mineral extraction and natural resource royalties, it contributed an estimated \$6 billion to the provincial GDP in 1996.

Tourism

No provincial statistical data concerning tourism has been collected since 1991. Never the less, tourism remains a very active industry in northern Alberta. The abundant lakes, forests and wildlife provide excellent resources for this industry. Hunting, sport fishing, water sports, camping and 'eco' and adventure tourism attract people from across Canada and around the world. Added to the outdoor recreation activities are historic, cultural and urban attractions. Visitors can

enjoy many activities from hiking or trail-riding to river rafting or swimming and relaxing at one of the many sand covered beaches. In recent years a substantial increase in visitors to western Canada from the U.S. has occurred, many of them traveling to the North. The many resources that northern Alberta has to offer the tourism industry continue to provide an environment that encourages growth.

Gross Domestic Product Calculation

Alberta Treasury calculates the provincial Gross Domestic Product (GDP) for the entire province as a whole and not by region. As a result a method of calculating the NADC area's contribution to the provincial GDP was developed. This provides an approximation of the portion of the GDP that is generated in the north. The industries were divided into 4 categories: 1) agriculture; 2) forestry, wood, paper and allied products; 3) crude petroleum and natural gas, services related to mineral extraction and natural resource royalties; 4) all other industries. The estimation of this fourth group is less accurate than the first

three. The calculation method is illustrated on the next page. In the first three categories the percentage of production was calculated and used to estimate the proportions of GDP from the north. For example, 73.3% of Alberta's forest production came from the north. Therefore, 73.3% is the estimated portion of north's contribution to this industry section of the province's GDP. In the fourth category the percentages of the provincial labour force employed in the various industries in the north were used to estimate the NADC area's contribution to Alberta's GDP.

Gross Domestic Product of Alberta and the NADC Area for 1996

Industry	Alberta GDP (\$ Million)	Calculation Method	Estimated NADC GDP (\$ Million)
Agriculture	\$ 2,165	NADC farm receipts ----- = 10.4% Alberta farm receipts	\$225
Forestry Wood Paper and Allied Products	337 823 <u>474</u> \$ 1,634	NADC forest production ----- = 73.3% Alberta forest production	\$1,198
Crude Petroleum and Natural Gas Services Related to Mineral Extraction Natural Resource Royalties	11,706 1,676 <u>2,430</u> \$ 15,811	NADC oil & gas production ----- = 38.1% Alberta oil & gas production	\$6,026
Fishing & Trapping Mines, Quarries & Sand Pits Manufacturing Construction Transportation, Storage, Communication Utilities Trade Finance, Insurance & Real Estate Services Public Administration	5 529 7,448 5,142 6,772 2,960 8,183 10,914 17,416 <u>3,724</u> \$63,093	35.5% 21.2% 6.8% 10.4% NADC Labour Force 9.7% ----- = 6.5% Alberta Labour Force 8.1% 5.4% 7.7% 12.0% 8.0%	2 112 507 535 657 192 663 589 1,341 <u>447</u> \$5,045
Sub Total	\$82,702	15.1%	\$12,494
Residual*	\$210	15.1%	\$32
Total GDP (1996 dollars)	\$82,912	15.1%	\$12,526

Source: Alberta Treasury, Alberta Economic Accounts 1996; Statistics Canada, 1996 Census

* The Gross Domestic Product is analyzed in a number of different ways. All of these various methods must have the same outcome when the calculations are complete. On occasion there is a difference between the final results of the different methods. This difference is termed the Residual and is either added or subtracted at the end of the calculation in order to have a final outcome that is equal to the GDP value that was obtained using the other methods. This is a common practice in economic analysis.

Note: The figures in this table have been rounded. The totals are the sums of the un-rounded figures; consequently adding the rounded values in the table may not produce the same result as the totals that are presented here.

Demographics

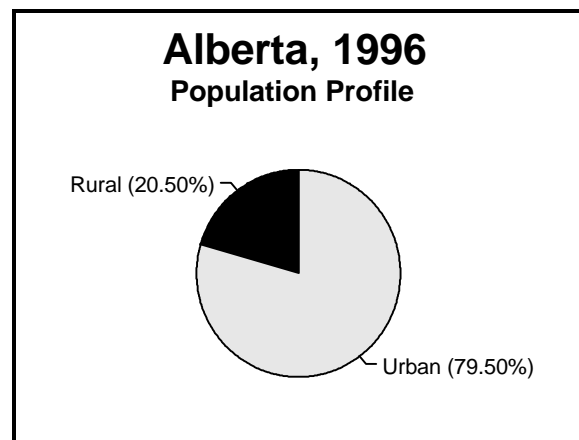
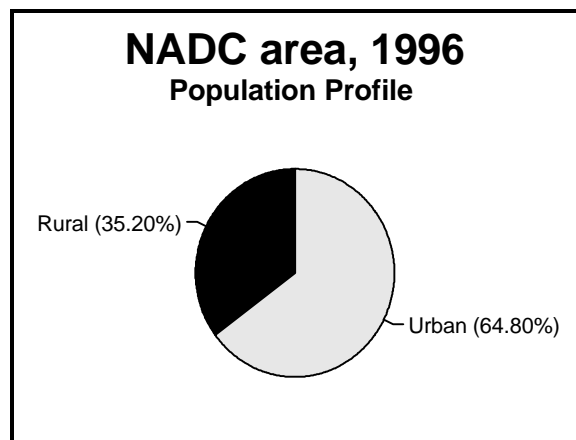
Population

The NADC area covers approximately 380,230 square kilometers which is about 60% of Alberta's total area. In spite of the large area only 9.3% of the province's total population lives in the region. This includes all of Alberta's Metis Settlements and 51% of Alberta's Aboriginal population.

Not all the Indian Reserves were completely enumerated during the 1996 census. In order to obtain a reliable aboriginal population count the Indian and Northern Affairs (INA) First Nations Community Profiles were used. So as to prevent double counting INA population figures were not included in the following table. The 1996 Statistics Canada

Census of Agriculture indicated a rural population of 93,015 in the NADC area. This amounts to 35.2% of the NADC area's total population. This average is considerably higher than that of the province. Alberta's total rural population of 554,011 was only 20.5% of the provincial total.

The rural population includes only the people that live outside of any kind of small or large urban community (excluding people living on incompletely enumerated Indian Reserves). An urban area is defined as an area that has a population of no less than 1,000 and a density of no less than 400 people per square kilometre.



Source: Statistics Canada, Census of Agriculture, 1996

Note: The statistical data used in the demographic section of this profile came from these 4 different sources: Statistics Canada, Indian and Northern Affairs, The Metis Settlements General Council and Alberta Education. The Statistics Canada data was the most comprehensive and used most often. However, when another source possessed information that was more appropriate it was used. It should also be noted that most of the figures end in either 0 or 5. The reason for this is that when 100% data is used counts are rounded to the nearest 5, and when 20% sample data is used counts below 10 people are rounded up to 10 and counts above 10 are round to the nearest 5. This is a procedure that Statistics Canada uses in order to insure anonymity to individuals.

Summary of Population in Communities within the NADC Area, 1996 & 1991

Community Type and Number of each Type	1996 Population	1991* Population	Population percentage change, 1991-1996	1996 Population as a Percentage of the NADC Area Total Population
Total City (1)	31,140	28,271	10.15%	11.79%
Total Specialized Municipality (1)	35,213	36,771	-4.24%	13.33%
Total Village (9)	5,616	5,487	2.35%	2.12%
Total Town (26)	78,580	74,492	5.49%	29.75%
Total Summer Village (9)	791	588	34.52%	0.30%
Total Indian Settlement (2)	469	686	-31.63%	0.18%
Total Indian Reserve (36) ** †	12,813	6,803	88.34%	4.85%
Total Improvement District (1)	370	286	29.37%	0.14%
Total Municipal District (16) ††	64,694	60,742	6.51%	24.49%
Total County (3)	27,500	25,424	8.17%	10.41%
Total Metis Settlements (8) ‡	4,976	n/a	n/a	1.88%
NADC Area Total	264,158	241,640	9.32%	100.00%
Alberta	2,696,826	2,545,553	5.94%	

Source: Statistics Canada, 1996 Census; Metis Settlements General Council, Settlements Census 1995

* Statistics Canada has calculated the 1991 figures using the 1996 boundaries.

** Not all the Indian reserves in the NADC region are accounted for by Statistics Canada.

† According to the Indian and Northern Affairs First Nations Community Profiles there were 37,383 registered members of the First Nations and Indian bands within the NADC area as of December 1995 and 40,050 in 1997. It should be noted that not all of the registered members live on reserves and not all reserves and individuals participated in the Statistics Canada census.

†† Metis Settlement population figures have been removed from the municipality figures to avoid double counting.

‡ Count includes all Metis Settlement members, Metis Settlements General Council, Settlements Census 1995

Population of Communities in the NADC Area for 1996 and 1991

Community	Population, 1996	Population, 1991	Population percentage change, 1991-1996
Specialized Municipalities			
Wood Buffalo	35,213	36,771	-4.2%
Cities			
Grande Prairie	31,140	28,271	10.1%
Counties			
Athabasca County No. 12	7,415	6,621	12.0%
Grande Prairie County No. 1	13,750	12,314	11.7%
St. Paul County No. 19	6,335	6,489	-2.4%
Improvement Districts			
Improvement District No. 24	370	286	29.4%
Indian Reserves			
Beaver Lake 131	306	0	-
Boyer 164	118	94	25.5%
Bushe River 207	166	116	43.1%
Child Lake 164A	121	104	16.3%
Cold Lake 149	542	408	32.8%
Cold Lake 149A	48	40	20.0%
Cold Lake 149B	93	105	-11.4%
Dog Head 218	115	61	88.5%
Drift Pile River 150	622	345	80.3%
Duncan's 151A	104	63	65.1%
Fox Lake 162	1,290	942	36.9%
Freeman 150B	92	49	87.8%
Gregoire Lake 176	70	63	11.1%
Gregoire Lake 176A	118	59	100.0%
Hay Lake 209	838	773	8.4%
Horse Lakes 152B	322	224	43.8%
Janvier 194	254	186	36.6%
Jean Baptiste Gambler 183	118	94	25.5%
John D'or Prairie 215	713	601	18.6%
Kehiwin 123	854	0	-
Puskiakiwenin 122	292	0	-
Sawridge 150G	62	34	82.4%
Sturgeon Lake 154	910	509	78.8%
Sucker Creek 150A	471	0	-
Swan River 150E	303	172	76.2%
Tall Cree 173	183	134	36.6%
Tall Cree 173A	190	179	6.1%
Unipouheos 121	528	0	-

Community	Population, 1996	Population, 1991	Population percentage change, 1991-1996
Upper Hay River 212	338	333	1.5%
Wabasca 166	42	27	55.6%
Wabasca 166A	488	347	40.6%
Wabasca 166B	54	40	35.0%
Wabasca 166C	187	72	159.7%
Wabasca 166D	496	404	22.8%
White Fish Lake 128	1,049	0	-
Woodland Cree 226	316	225	40.4%
Indian Settlements			
Desmarais	122	430	-71.6%
Fort Mackay	347	256	35.5%
Municipalities			
MD of Big Lakes	5,830	4,913	18.7%
Birch Hills No. 19	1,356	1,378	-1.6%
Bonnyville No. 87	17,352	17,506	-0.9%
Clear Hills No. 21	2,886	2,903	-0.6%
East Peace No.131	2,264	1,612	40.4%
Fairview No. 136	1,829	1,812	0.9%
Greenview No. 16	5,433	5,384	0.9%
Lesser Slave River No.124	2,716	2,285	18.9%
Mackenzie No. 23	7,980	7,260	9.9%
Northern Lights No. 22	4,462	4,259	4.8%
Opportunity No. 17	3,060	2,648	15.6%
Peace No. 135	1,562	1,481	5.5%
Saddle Hills No. 20	2,724	2,722	0.1%
Smoky River No. 130	2,491	2,613	-4.7%
Spirit River No. 133	809	812	-0.4%
Woodlands No. 15	3,699	3,244	14.0%
Summer Villages			
Bondiss	86	65	32.3%
Bonnyville Beach	64	55	16.4%
Island Lake	187	122	53.3%
Island Lake South	76	65	16.9%
Mewatha Beach	76	40	90.0%
Pelican Narrows	106	98	8.2%
South Baptiste	66	65	1.5%
West Baptiste	51	30	70.0%
Whispering Hills	79	48	64.6%
Towns			
Athabasca	2,313	1,965	17.7%
Beaverlodge	1,997	1,779	12.3%

Community	Population, 1996	Population, 1991	Population percentage change, 1991-1996
Bonnyville	5,100	5,132	-0.6%
Cold Lake	4,089	3,878	5.4%
Elk Point	1,403	1,341	4.6%
Fairview	3,316	3,023	9.7%
Falher	1,149	1,183	-2.9%
Fox Creek	2,321	2,260	2.7%
Grand Centre	4,176	3,877	7.7%
Grande Cache	4,441	3,842	15.6%
Grimshaw	2,661	2,812	-5.4%
High Level	3,093	2,849	8.6%
High Prairie	2,907	2,932	-0.9%
Lac La Biche	2,611	2,549	2.4%
Manning	1,295	1,139	13.7%
McLennan	867	1,020	-15.0%
Peace River	6,536	6,717	-2.7%
Rainbow Lake	1,138	817	39.3%
Sexsmith	1,481	1,260	17.5%
Slave Lake	6,553	5,607	16.9%
Spirit River	1,112	1,016	9.4%
St. Paul	4,861	4,881	-0.4%
Swan Hills	2,030	2,348	-13.5%
Valleyview	1,906	1,980	-3.7%
Wembley	1,441	1,347	7.0%
Whitecourt	7,783	6,938	12.2%
Villages			
Berwyn	606	581	4.3%
Boyle	802	674	19.0%
Donnelly	375	421	-10.9%
Eaglesham	159	184	-13.6%
Girouxville	332	349	-4.9%
Glendon	418	403	3.7%
Hines Creek	437	423	3.3%
Hythe	712	623	14.3%
Kinuso	258	230	12.2%
Nampa	427	496	-13.9%
Plamondon	256	253	1.2%
Rycroft	667	634	5.2%
Wanham	167	216	-22.7%

Source: Statistics Canada; 1996 Census

Population of Aboriginal Reserves and Settlements within the NADC Area, 1997 and 1996

First Nation	Indian Reserve	1997 Population Total	1997 On Reserve Population	1996 Population Total	1996 on Reserve Population	Percentage Change of Total Population
Athabasca Chipewyan FN	Fort Chipewyan 201, 201A, 201B, 201C, 201D, 201E, 201F, 201G	637	15	584	14	+9%
Beaver FN	Boyer 164, Child Lake 164A	647	330	607	295	+7%
Big Stone Cree Nation	Calling Lake Settlement, Chipewyan Lake Settlement, Desmarais Settlement, Peerless Lake Settlement, Sandy Lake Settlement, Trout Lake Settlement, Jean Baptiste Gambler 183, Wabasca 166, 166A, 166B, 166C, 166D	5,248	1,786	4,743	1,664	+11%
Chipewyan Prairie FN	Janvier 194	535	207	508	202	+5%
Dene Tha' Band	Amber River 211, Bischo Lake 213, Bushe River 207, Hay Lake 209, Jackfish Point 214, Upper Hay River 212, Zama Lake 210	2,235	1,633	2,161	1,574	+3%
Duncans Band	Duncans 151A, William McKenzie 151K	168	104	159	101	+6%
Drift Pile	Drift Pile River 150	1,768	606	1,666	577	+6%
Fort McKay FN	Fort McKay 174, Namur River 174A, 174B, Fort McKay Settlement	466	223	444	216	+5%
Fort McMurray	Clearwater 175, Gregoire Lake 176, 176A, 176B	495	153	462	149	+7%
Horse Lake	Clear Hills 152C, Horse Lakes 152B	606	245	577	326	+5%
Kapawe'no	Freeman 105B, Halcrow 150C, Pakashan 150D	227	55	219	53	+4%
Little Red River Cree Nation	Fox Lake 162, John D'or Prairie 215, Garden Creek Settlement	2,996	2,261	2,711	1,961	+11%
Loon River Cree Band	n/a	363		324	11	+12%
Lubicon Lake Band	None @ Present	321	3	278	2	+15%

First Nation	Indian Reserve	1997 Population Total	1997 On Reserve Population	1996 Population Total	1996 on Reserve Population	Percentage Change of Total Population
Mikisew Cree FN	Old Fort 217, Dog Head 218, Allison Bay 219, Devil's Gate 220, Sandy Point 221, Peace Point 222, Collin Lake 223, Cornwall Lake 224, Charles Lake 225	2,012	4	1,874	3	+7%
Sawridge	Sawridge 150G, 150H	315	28	314	25	0%
Sturgeon Lake	Sturgeon Lake 154, 154A, 154B	1,922	977	1,793	950	+7%
Sucker Creek	Sucker Creek 150A	1,791	442	1,705	427	+5%
Swan River	Swan River 150E, Assineau River 150F	885	276	831	262	+6%
Tall Cree	Tall Cree 173, 173A, Beaver Ranch 163,	865	354	812	312	+7%
Whitefish Lake	Utikoomak Lake 155, 155A, 155B	1,625	702	1,423	733	+14%
Woodland Cree Band	Woodland Cree 226, 227, 228	784	554	728	539	+8%
Beaver Lake	Beaver Lake 131	725	261	665	252	+9%
Cold Lake FN	Cold Lake 149, 149A, 149B	1,892	946	1,825	930	+4%
Frog Lake	Unipuoheos 121, Puskiakiwenin 122	1,734	1,145	1,582	1,065	+10%
Heart Lake	Heart Lake 167	225	137	215	133	+5%
Kehewin Cree Nation	Kehewin 123	1,416	809	1,359	772	+4%
Saddle Lake	Saddle Lake 125	7,147	5,156	6,814	4,964	+5%
White Fish Lake (Goodfish)	White Fish Lake 128					
NADC Area Total		40,050	19,412	37,383	18,512	+7%
Alberta Total		78,292	-	74,120	-	+6%
NADC as % of Alberta		51%	-	50%	-	-

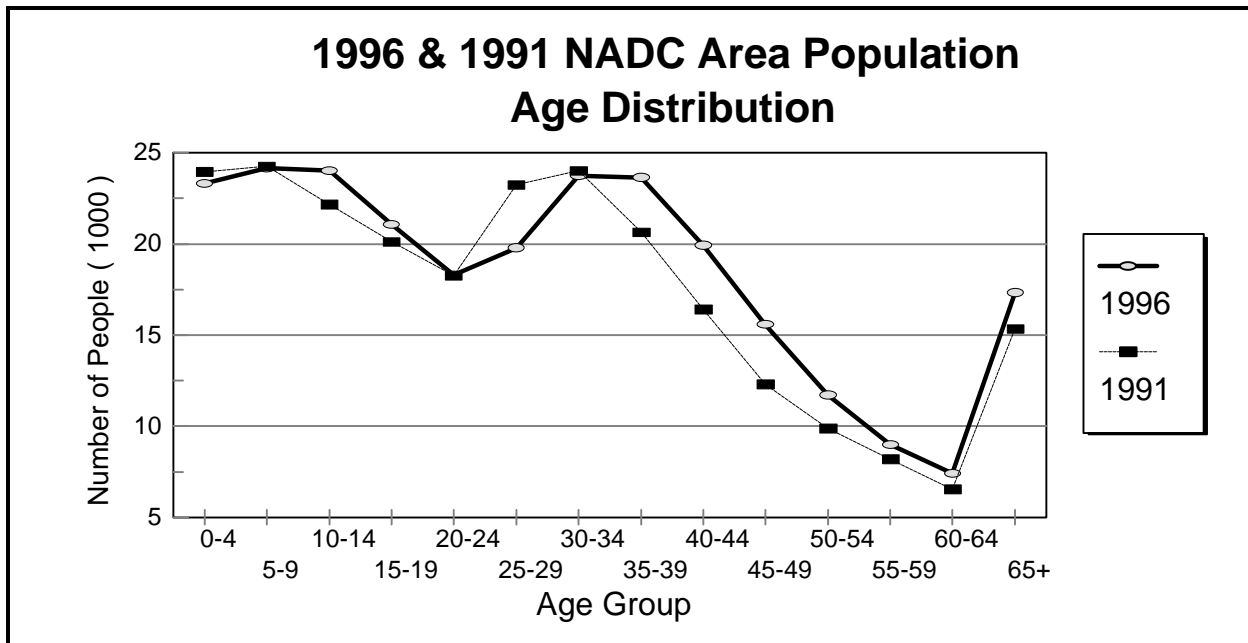
Source: Indian and Northern Affairs; 1996 & 1997 First Nations Community Profiles

Metis Settlement Population, 1995

Metis Settlement	1995 Population
Paddle Prairie Metis Settlement	651
East Prairie Metis Settlement	452
Peavine Metis Settlement	527
Gift Lake Metis Settlement	716
Kikino Metis Settlement	904
Buffalo Lake Metis Settlement	763
Elizabeth Metis Settlement	551
Fishing Lake Metis Settlement	415
Total	4,976

Source: Metis Settlements General Council, Settlements Census 1995

1996 and 1991 NADC Area Population Age Distribution

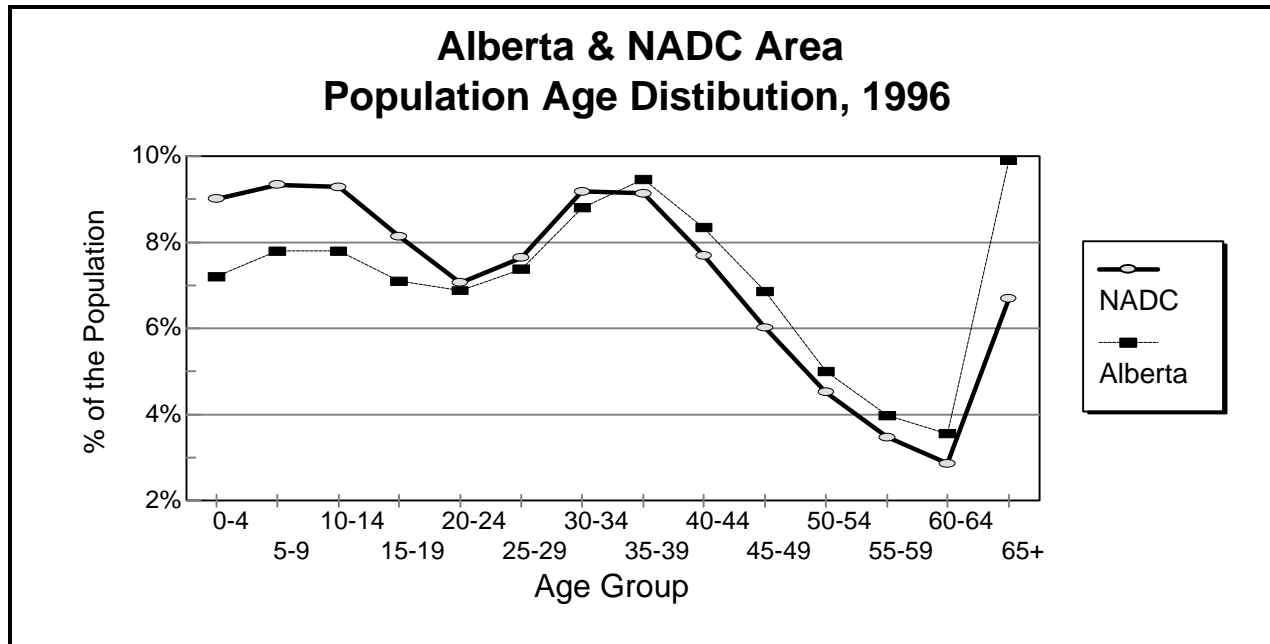


NADC Population by Age Group, 1996 and 1991

Age	1996 Population Count	Percent of 1996	1991 Population Count	Percent of 1991
0-4	23,330	9.0%	23,975	9.8%
5-9	24,165	9.3%	24,275	9.9%
10-14	24,030	9.3%	22,175	9.0%
15-19	21,085	8.1%	20,120	8.2%
20-24	18,300	7.1%	18,270	7.4%
25-29	19,780	7.6%	23,260	9.5%
30-34	23,765	9.2%	24,030	9.8%
35-39	23,660	9.1%	20,660	8.4%
40-44	19,920	7.7%	16,415	6.7%
45-49	15,580	6.0%	12,310	5.0%
50-54	11,715	4.5%	9,890	4.0%
55-59	8,990	3.5%	8,210	3.3%
60-64	7,405	2.9%	6,545	2.7%
65+	17,325	6.7%	15,360	6.3%
Total	259,050	100.0%	245,495	100.0%

Source: Statistics Canada, 1991 & 1996 Census

Alberta and NADC Area Population Age Distribution

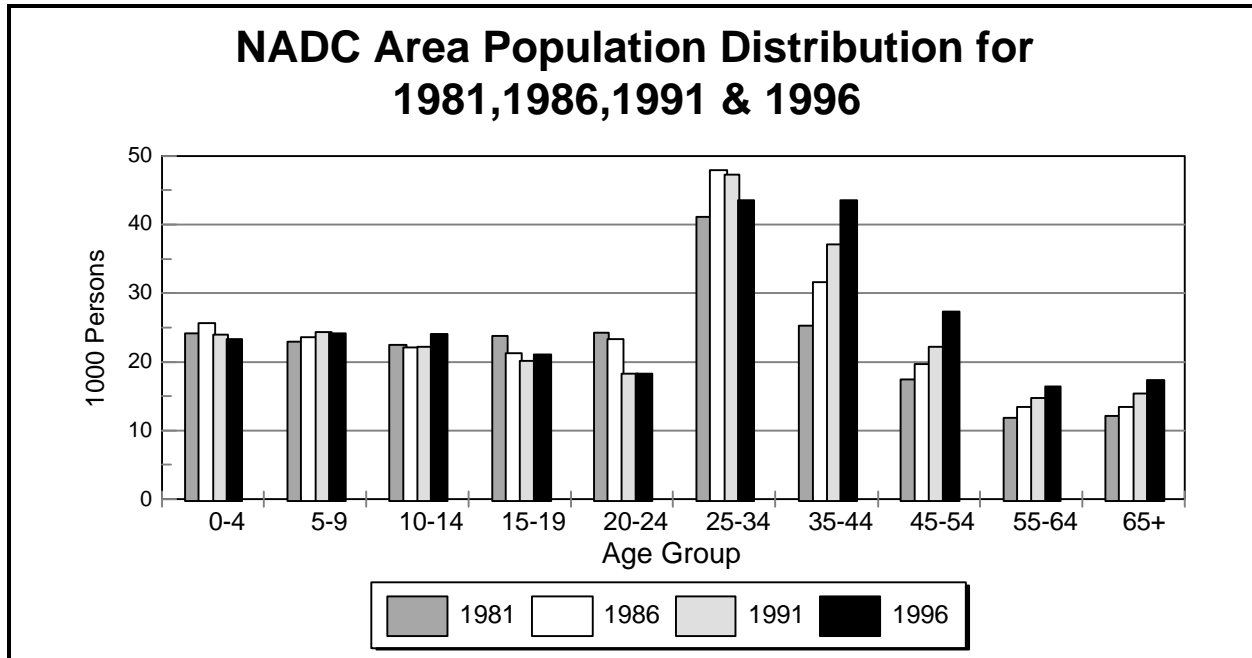


Alberta and NADC Area Age Distribution

Age Group	NADC Area	Percent of NADC Area	Alberta	Percent of Alberta
0-4	23,330	9.0%	194,240	7.2%
5-9	24,165	9.3%	210,155	7.8%
10-14	24,030	9.3%	210,125	7.8%
15-19	21,085	8.1%	191,440	7.1%
20-24	18,300	7.1%	185,510	6.9%
25-29	19,780	7.6%	198,755	7.4%
30-34	23,765	9.2%	237,290	8.8%
35-39	23,660	9.1%	255,000	9.5%
40-44	19,920	7.7%	224,805	8.3%
45-49	15,580	6.0%	184,915	6.9%
50-54	11,715	4.5%	134,755	5.0%
55-59	8,990	3.5%	107,130	4.0%
60-64	7,405	2.9%	95,820	3.6%
65+	17,325	6.7%	266,875	9.9%
Total	259,050	100.0%	2,696,830	100.0%

Source: Statistics Canada, 1996 Census

NADC Area Age Distribution over a 5 year period

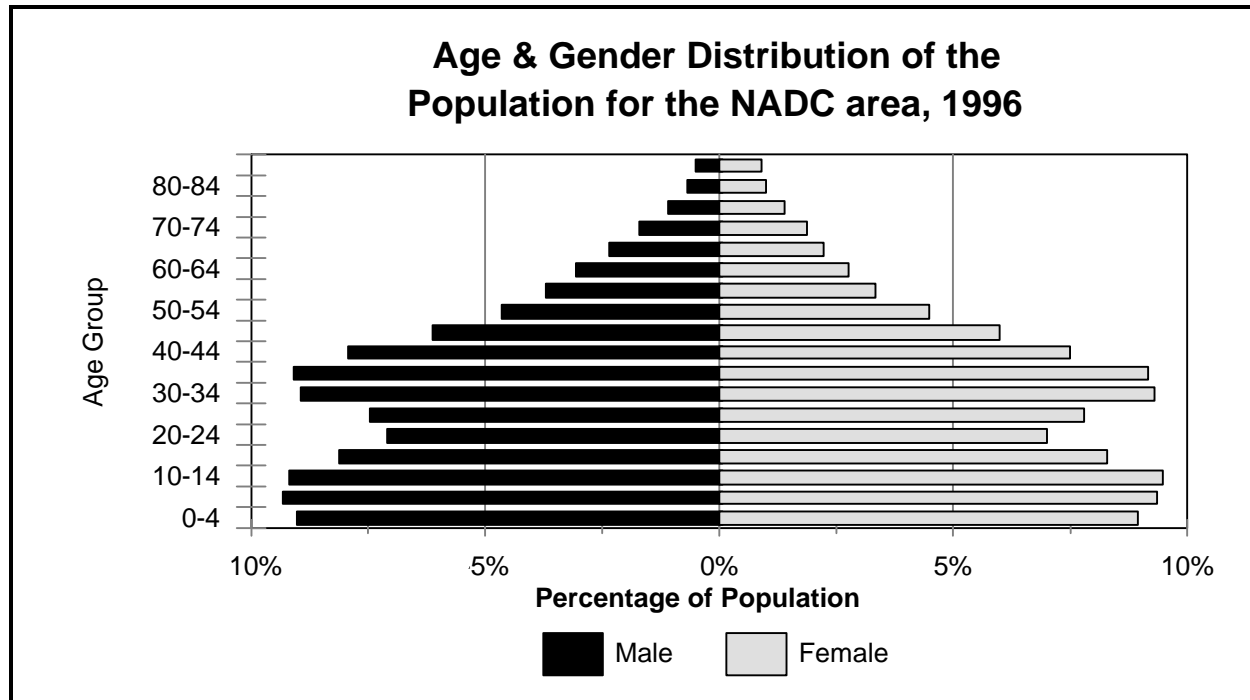
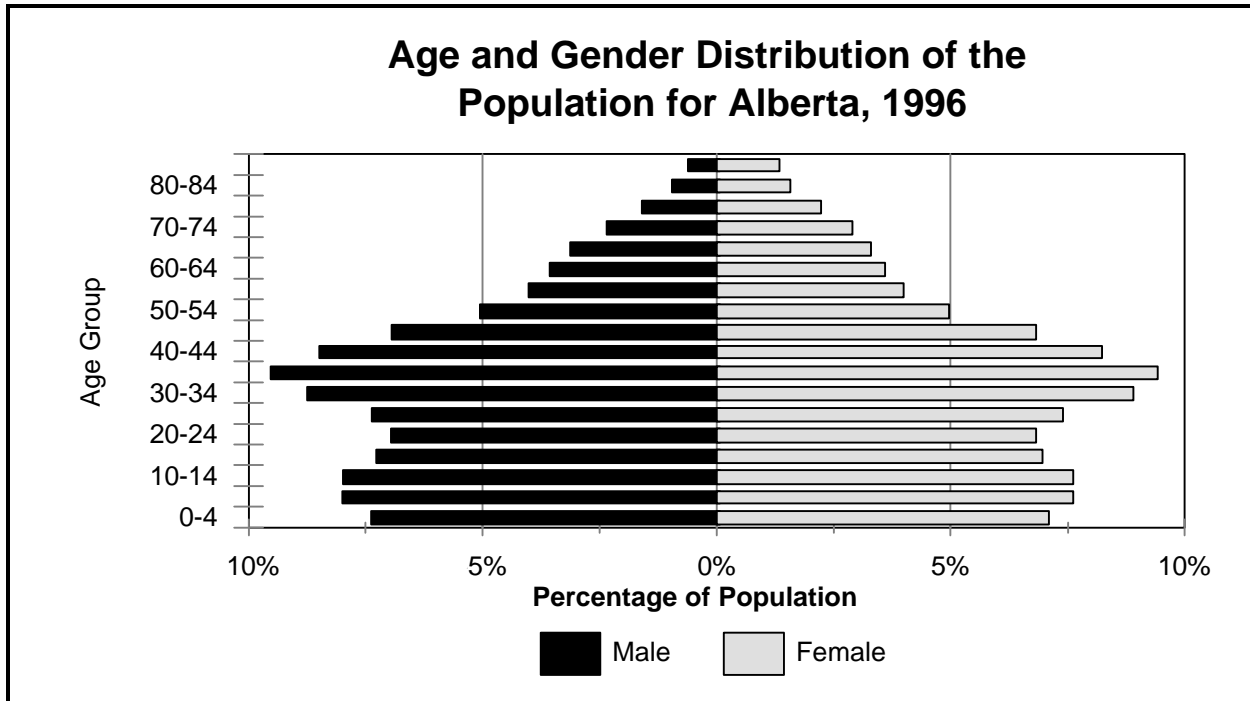


NADC Area Age Distribution over a 15 year time period

Age Group	Number of People and Year			
	1981	1986	1991	1996
0-4 Years	24,155	25,630	23,975	23,330
5-9 Years	22,925	23,615	24,275	24,165
10-14 Years	22,485	22,110	22,175	24,030
15-19 Years	23,795	21,230	20,120	21,085
20-24 Years	24,195	23,315	18,270	18,300
25-34 Years	41,120	47,920	47,290	43,545
35-44 Years	25,270	31,615	37,075	43,580
45-54 Years	17,475	19,655	22,200	27,295
55-64 Years	11,900	13,450	14,755	16,395
65+ Years	12,180	13,385	15,360	17,325
Total	225,500	241,925	245,495	259,050

Source: Statistics Canada; 1981, 1986, 1991 & 1996 Census

Age and Gender Distribution



Source: Statistics Canada, 1996 Census

Marital Status, 1996

Marital Status	NADC Area	Percent of NADC Total	Alberta	Percent of Alberta Total
Population 15 yrs & over	187,480	100.0%	2,082,350	100.0%
Never married (single)	61,590	32.9%	636,205	30.6%
Legally married (and not separated)	100,865	53.8%	1,123,815	54.0%
Separated	5,565	3.0%	60,015	2.9%
Divorced	11,645	6.2%	153,590	7.4%
Widowed	7,825	4.2%	108,680	5.2%

Source: Statistics Canada, 1996 Census

Family Status, 1996

Family Status	NADC Area	Percent of NADC Total	Alberta	Percent of Alberta Total
Total number of families in private households	67,635	100.0%	717,550	100.0%
Total husband-wife families	59,635	88.2%	625,070	87.1%
Total families of common-law couples	9,940	14.7%	72,300	10.1%
Total lone-parent families	7,975	11.8%	92,485	12.9%
Lone Male parent families	1,710	2.5%	16,545	2.3%
Lone Female parent families	6,220	9.2%	75,920	10.6%

Source: Statistics Canada, 1996 Census

Note: The figures used in these tables have been rounded to the nearest 5 by Statistics Canada. Consequently the sums may not add up to the totals given here.

Mobility Status, 1996

Mobility Status 1 year Period	NADC	Percent of NADC	Alberta	Percent of Alberta
Total by mobility status 1 year ago	252,190	100.0%	2,631,840	100.0%
Non-movers	200,755	79.6%	2,135,735	81.1%
Movers	51,400	20.4%	496,105	18.9%
Non-migrants	26,680	10.6%	310,400	11.8%
Migrants	24,715	9.8%	185,705	7.1%
Internal migrants	23,970	9.5%	166,975	6.3%
Intraprovincial migrants	17,330	6.9%	112,285	4.3%
Interprovincial migrants	6,630	2.6%	54,690	2.1%
External migrants	730	0.3%	18,730	0.7%

Mobility Status 5 year Period	NADC	Percent of NADC	Alberta	Percent of Alberta
Total by mobility status 5 years ago	233,280	100.0%	2,474,855	100.0%
Non-movers	121,110	51.9%	1,244,925	50.3%
Movers	112,175	48.1%	1,229,930	49.7%
Non-migrants	52,605	22.6%	705,840	28.5%
Migrants	59,540	25.5%	524,090	21.2%
Internal migrants	57,070	24.5%	453,840	18.3%
Intraprovincial migrants	39,545	17.0%	291,200	11.8%
Interprovincial migrants	17,515	7.5%	162,640	6.6%
External migrants	2,455	1.1%	70,250	2.8%

Source: Statistics Canada, 1996 Census

NOTE: Statistics Canada uses the term 'Mobility Status' to refer to the relationship between a person's usual place of residence on the day the census was taken and that person's place of residence one or five years earlier. If a person has not moved in the specified time period and there is no difference in residence then that person is classified as a Non-mover. If a person has changed residence over the specified time period they are classified as Movers. Within the Mover category are the Internal and External migrants. The External migrant is the term given to a person who has moved from outside the country. An Internal migrant refers to those individuals that have migrated from somewhere within Canada. Interprovincial migrants are people who have moved from another province. The Intraprovincial migrants are people who have moved from somewhere within the same province.

Labour Force

Labour Force Activity, 1996

Employment Status	NADC	Alberta	NADC as a Percentage of Alberta
Total population 15 years old & over	185,635	2,055,015	9.0%
In the labour force	138,305	1,486,980	9.3%
Employed	127,125	1,379,710	9.2%
Unemployed	11,215	107,270	10.5%
Not in the labour force	47,295	568,035	8.3%
Males 15 years old & over	96,095	1,021,435	9.4%
In the labour force	79,515	810,015	9.8%
Employed	72,985	750,840	9.7%
Unemployed	6,495	59,170	11.0%
Not in the labour force	16,555	211,420	7.8%
Females 15 years old & over	89,550	1,033,585	8.7%
In the labour force	58,775	676,965	8.7%
Employed	54,105	628,865	8.6%
Unemployed	4,695	48,100	9.8%
Not in the labour force	30,760	356,620	8.6%

Employment Ratios	NADC Area	Alberta	NADC Compared to Alberta
Total population 15 years old & over			
Participation rate	74.5%	72.4%	+ 2.1%
Employment-population ratio	68.5%	67.1%	+ 1.4%
Unemployment rate	8.1%	7.2%	+ 0.9%
Males 15 years old & over			
Participation rate	82.7%	79.3%	+ 3.4%
Employment-population ratio	76.0%	73.5%	+ 2.5%
Unemployment rate	8.2%	7.3%	+ 0.9%
Females 15 years old & over			
Participation rate	65.6%	65.5%	+ 0.1%
Employment-population ratio	60.4%	60.8%	- 0.4%
Unemployment rate	8.0%	7.1%	+ 0.9%

Source: Statistics Canada, 1996 Census

Labour Force by Industry, 1996

Labour Force 15 years old & over	NADC Area	Percentage of NADC Area	Alberta	NADC as a Percentage of Alberta
All Industries	136,085	100.0%	1,461,360	9.3%
Agricultural & Related Service	12,575	9.2%	88,815	14.2%
Fishing & Trapping	120	0.1%	370	32.4%
Logging & Forestry	2,730	2.0%	5,760	47.4%
Mining (incl. milling), Quarrying & Oil Well	15,905	11.7%	75,200	21.2%
Manufacturing	8,190	6.0%	121,365	6.7%
Construction	10,465	7.7%	100,680	10.4%
Transportation & Storage	6,960	5.1%	72,150	9.6%
Communication & Other Utility	2,805	2.1%	43,325	6.5%
Wholesale Trade	5,175	3.8%	76,115	6.8%
Retail Trade	15,455	11.4%	178,125	8.7%
Finance & Insurance	2,050	1.5%	40,075	5.1%
Real Estate Operator & Insurance Agent	1,605	1.2%	28,015	5.7%
Business Service	4,015	3.0%	101,790	3.9%
Government Service	8,970	6.6%	75,410	11.9%
Educational Service	10,440	7.7%	97,535	10.7%
Health & Social Service	10,630	7.8%	132,610	8.0%
Accommodation, Food & Beverage Service	9,045	6.6%	107,975	8.4%
Other Service Industries	8,835	6.5%	116,040	7.6%

Source: Statistics Canada, 1996 Census

The four industries employing the largest percentage the NADC area labour force are: 1) mining, quarrying and oil well; 2) retail trade; 3) agriculture and related services; 4) health and social services. Together these industries employ 40% of the northern labour force. When looking at gender and occupation in the labour force a division of labour is apparent. The majority of the male

labour force (66%) are employed in: trades, transport and equipment operator occupations; occupations in primary industry; and sales and service occupations. The majority (64%) of the female labour force in the north are employed in: sales and service occupations and business, finance and administrative occupations.

Labour Force by Occupation, 1996

Occupation	NADC Area	Percent of NADC Area	Alberta	NADC as a Percentage of Alberta
Total labour force in all occupations	136,105	100.0%	1,461,360	9.3%
Management occupations	9,825	7.2%	122,335	8.0%
Business, finance & administrative occupations	18,835	13.8%	273,390	6.9%
Natural & applied sciences & related occupations	4,930	3.6%	79,715	6.2%
Health occupations	4,330	3.2%	65,230	6.6%
Social science, education, government & religion	7,930	5.8%	89,295	8.9%
Art, culture, recreation & sport	1,720	1.3%	33,305	5.2%
Sales & service occupations	33,780	24.8%	391,175	8.6%
Trades, transport & equipment operators & related	26,835	19.7%	219,690	12.2%
Occupations unique to primary industry	19,210	14.1%	115,225	16.7%
Processing, manufacturing & utilities	8,650	6.4%	71,995	12.0%
Male labour force in all occupations	78,640	100.0%	798,690	9.8%
Management occupations	6,790	8.6%	84,715	8.0%
Business, finance & administrative occupations	3,410	4.3%	70,225	4.9%
Natural & applied sciences & related occupations	4,255	5.4%	66,245	6.4%
Health occupations	650	0.8%	13,065	5.0%
Social science, education, government & religion	2,715	3.5%	35,630	7.6%
Art, culture, recreation & sport	580	0.7%	14,500	4.0%
Sales & service occupations	11,935	15.2%	160,565	7.4%
Trades, transport & equipment operators & related	24,995	31.8%	206,020	12.1%
Occupations unique to primary industry	15,470	19.7%	89,170	17.3%
Processing, manufacturing & utilities	7,780	9.9%	58,535	13.3%
Female labour force in all occupations	57,440	100.0%	662,675	8.7%
Management occupations	3,035	5.3%	37,620	8.1%
Business, finance & administrative occupations	15,385	26.8%	203,160	7.6%
Natural & applied sciences & related occupations	675	1.2%	13,465	5.0%
Health occupations	3,685	6.4%	52,160	7.1%
Social science, education, government & religion	5,220	9.1%	53,660	9.7%
Art, culture, recreation & sport	1,105	1.9%	18,805	5.9%
Sales & service occupations	21,840	38.0%	230,610	9.5%
Trades, transport & equipment operators & related	1,780	3.1%	13,665	13.0%
Occupations unique to primary industry	3,780	6.6%	26,050	14.5%
Processing, manufacturing & utilities	890	1.5%	13,460	6.6%

Source: Statistics Canada, 1996 Census

Labour Force by Class of Worker, 1996

Total Labour Force	NADC	Percent of NADC	Alberta	Percent of Alberta
All classes of worker	136,075	100.0%	1,461,360	100.0%
Paid workers	119,050	87.5%	1,310,790	89.7%
Self-employed (unincorporated)	15,430	11.3%	139,930	9.6%
Unpaid family workers	1,580	1.2%	10,640	0.7%

Male Labour Force	NADC	Percent of NADC	Alberta	Percent of Alberta
All classes of worker	78,650	100.0%	798,685	100.0%
Paid workers	67,885	86.3%	706,600	88.5%
Self-employed (unincorporated)	10,280	13.1%	89,350	11.2%
Unpaid family workers	435	0.6%	2,740	0.3%

Female Labour Force	NADC	Percent of NADC	Alberta	Percent of Alberta
All classes of worker	57,435	100.0%	662,670	100.0%
Paid workers	51,190	89.1%	604,185	91.2%
Self-employed (unincorporated)	5,085	8.9%	50,580	7.6%
Unpaid family workers	1,140	2.0%	7,900	1.2%

Source: Statistics Canada, 1996 Census

Education

Educational attainment levels are significantly lower in the NADC area than in the province as a whole. The north has a greater percentage of individuals with less than grade 9 and of individuals with some high school but without a high school certificate. The NADC area population has almost the same percentage of high school graduates, as well as individuals with trade certification or

diplomas as the province as a whole. The percentage of individuals with other non-university education in the north is slightly higher than the provincial average. The percentage of people with a university education in the north falls short of the provincial average. This is due in large part to cultural and geographic isolation.

Level of Education, 1996

Highest Level of Education Attained	NADC Area	Percent of NADC	Alberta	Percent of Alberta
Total population 15 years old & over	185,635	100%	2,055,020	100%
Less than grade 9	21,145	11.4%	154,675	7.5%
Grades 9 to 13 without secondary school graduation certificate	57,275	30.9%	534,545	26.0%
Grades 9 to 13 with secondary school graduation certificate	21,740	11.7%	243,075	11.8%
Trades certificate or diploma	7,150	3.9%	68,030	3.3%
Other non-university education only	52,245	28.1%	571,150	27.8%
University without degree	12,945	7.0%	210,785	10.3%
University with bachelor's degree or higher	13,100	7.1%	272,755	13.3%

Source: Statistics Canada, 1996 Census

1996/1997 High School Enrollment and Diplomas Issued

Jurisdiction	Grade 10	Grade 11	Grade 12	Total Diplomas Awarded	Diplomas Awarded as a % of Grade 12
Aspen View Regional Div # 19 *	319	258	237	160	68%
Fort McMurray RCSSD # 32	261	223	277	128	46%
Fort McMurray S Dist # 2833	404	372	394	196	50%
Ft Vermilion School Div # 52	243	142	125	103	82%
Grande Prairie RCSSD # 28	163	176	158	90	57%
Grande Prairie S Dist. # 2357	576	372	324	220	68%
Grande Yellowhead Reg Div # 35 *	635	541	583	303	52%
High Prairie School Div # 48	279	255	256	119	46%
Holy Family CS Regional Div # 37	111	100	82	43	52%
Lakeland RCSSD #150	115	136	104	54	52%
Living Waters Cath. Reg. Div. # 42 *	106	68	58	34	59%
Northern Gateway Reg Div # 10	511	421	439	239	54%
Northern Lights School Div # 69	487	415	469	250	53%
Northland School Div # 61	127	74	51	6	12%
N W Francophone Ed Region # 1	22	19	15	9	60%
Peace River School Div # 10	337	304	290	169	58%
Peace Wapiti Reg Div # 33	474	386	351	233	66%
Pembina Hills Regional Div # 7 *	943	750	1,218	754	62%
St Paul Education Reg Div # 1*	328	294	312	178	57%
Northern Total	6,441	5,306	5,743	3,288	57%
Provincial Total	41,870	38,178	43,546	24,599	57%

Source: Alberta Education, Educational Information Services

* These jurisdictions overlap the NADC area boundary, only portions of each fall within the NADC area.

School Attendance, 1996

School Attendance	NADC Area	Percent of NADC	Alberta	Percent of Alberta
Total population, 15 to 24 years old	39,580	100%	375,715	100%
Not attending school	19,750	49.9%	154,625	41.2%
Attending school full-time	18,070	45.7%	197,730	52.6%
Attending school part-time	1,705	4.3%	23,355	6.2%

Source: Statistics Canada, 1996 Census

Post-secondary Qualifications, 1996

Major Field of Study	NADC Area	Percentage of NADC	Alberta	NADC as a Percentage of Alberta
Males with post-secondary qualifications	36,195	100.0%	451,675	100.0%
Educational, recreational & counseling services	2,340	6.5%	27,245	6.0%
Fine & applied arts	525	1.5%	12,885	2.9%
Humanities & related fields	785	2.2%	16,770	3.7%
Social sciences & related fields	1,640	4.5%	31,125	6.9%
Commerce, management & business administration	2,430	6.7%	61,055	13.5%
Agricultural & biological sciences/technologies	1,850	5.1%	26,510	5.9%
Engineering & applied sciences	1,825	5.0%	32,970	7.3%
Engineering & applied science technologies & trades	23,060	63.7%	204,445	45.3%
Health professions, sciences & technologies	1,245	3.4%	18,795	4.2%
Mathematics & physical sciences	460	1.3%	19,420	4.3%
No specialization & all other, n.e.c.*	10	0.00%	450	0.1%
Females with post-secondary qualifications	30,175	100.0%	415,425	100.0%
Educational, recreational & counseling services	5,995	19.9%	69,560	16.7%
Fine & applied arts	2,200	7.3%	32,430	7.8%
Humanities & related fields	1,105	3.7%	20,560	4.9%
Social sciences & related fields	2,285	7.6%	35,095	8.4%
Commerce, management & business administration	9,240	30.6%	123,200	29.7%
Agricultural & biological sciences/technologies	1,560	5.2%	20,540	4.9%
Engineering & applied sciences	170	0.6%	3,925	0.9%
Engineering & applied science technologies & trades	1,720	5.7%	18,335	4.4%
Health professions, sciences & technologies	5,590	18.5%	82,745	19.9%
Mathematics & physical sciences	220	0.7%	8,430	2.0%
No specialization & all other, n.e.c.*	10	0.0%	600	0.1%

Source: Statistics Canada, 1996 Census

* n.e.c. or 'not elsewhere classified' refers to fields of study that do not fall into a specific category.

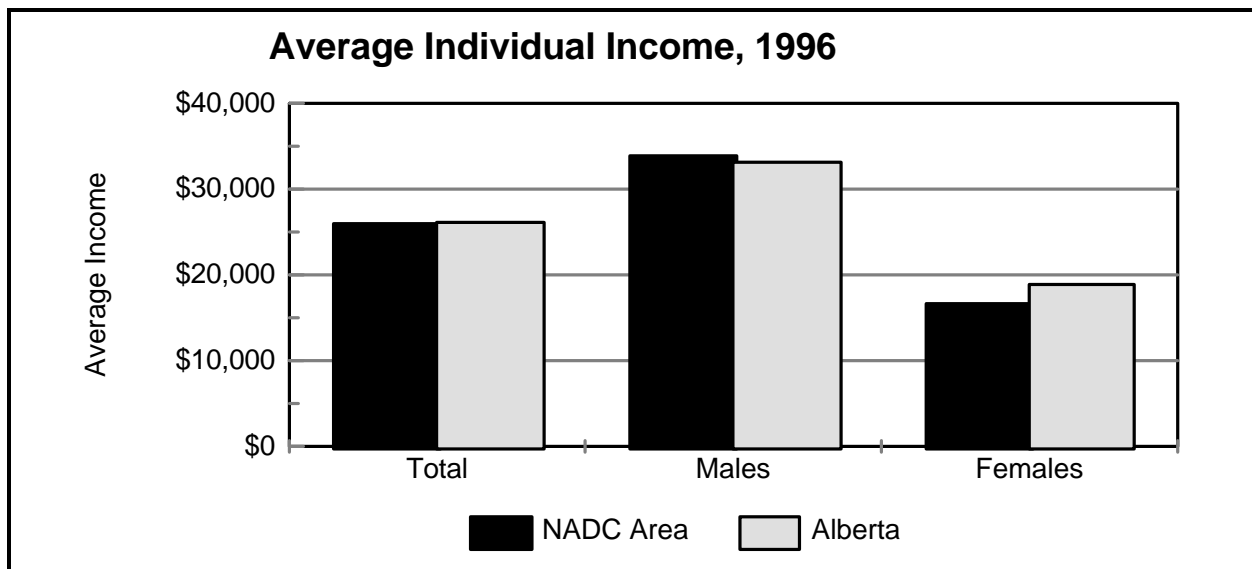
Income

Income Status of the Population 15 years old & over, 1996

Status	NADC Area	Percent of NADC	Alberta	Percent of Alberta
Population 15 years old & over	184,285	100.0%	2,055,020	100.0%
Without income	13,955	7.6%	134,435	6.5%
With income	170,310	92.4%	1,920,585	93.5%

Source: Statistics Canada, 1996 Census

Average Individual Income, 1996

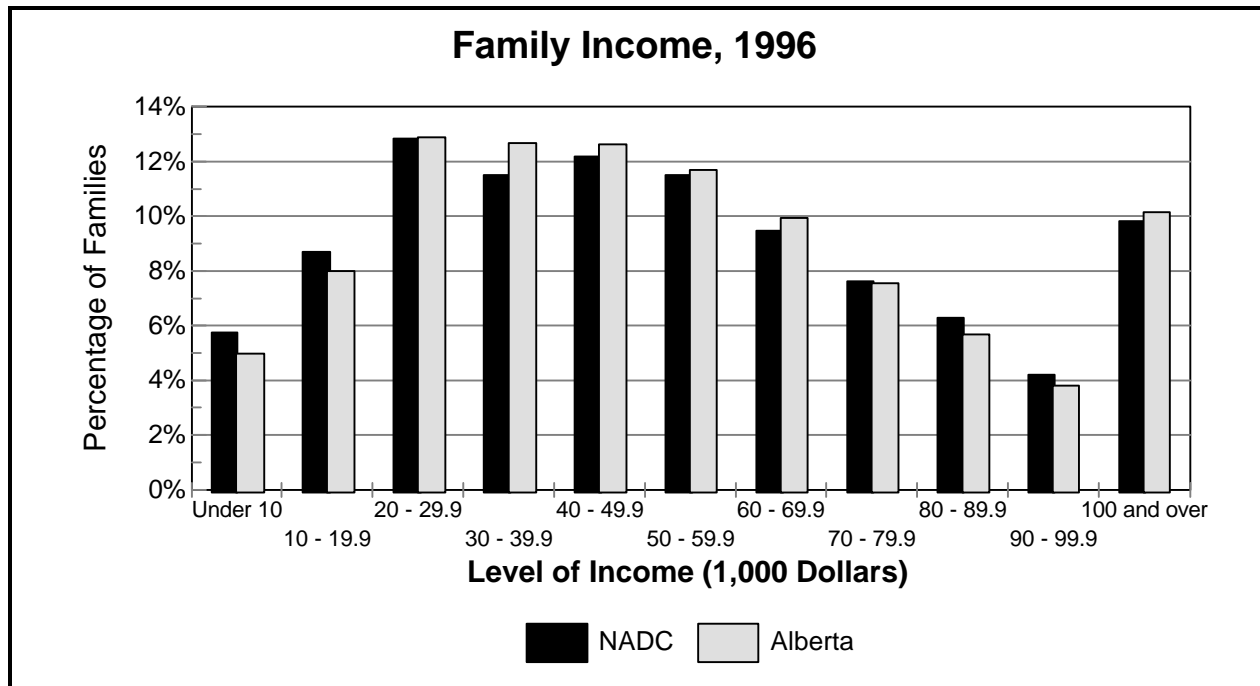


Average Individual Income, 1996

Income Group	NADC Area Population With Income	Average Income in the NADC Area	Alberta Population With Income	Average Income in Alberta
Population 15 years old & over	170,310	\$25,932	1,920,585	\$26,138
Males	91,755	\$33,882	980,320	\$33,129
Females	78,565	\$16,645	940,265	\$18,850

Source: Statistics Canada, 1996 Census

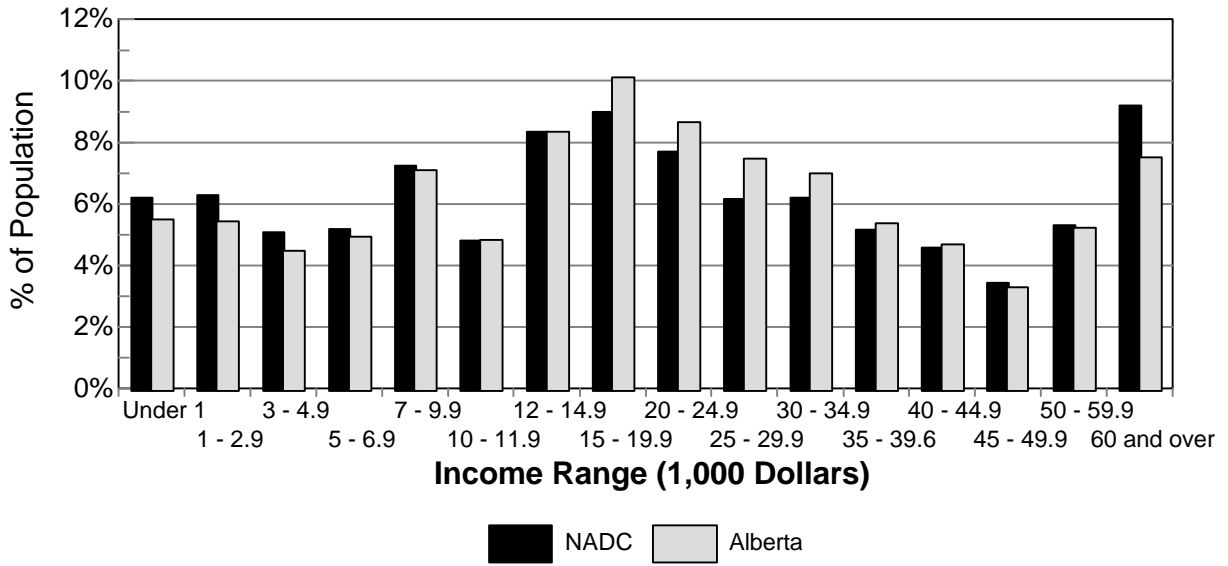
Family Income, 1996



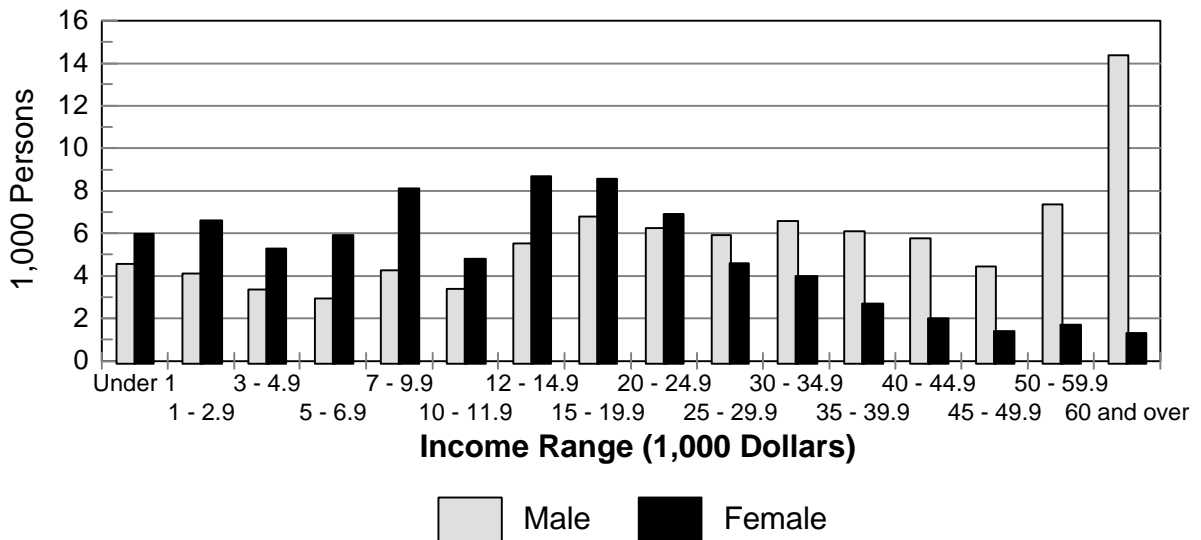
Family Income	NADC Area	Percentage of NADC Area	Alberta	Percentage of Alberta Families
All Families	67,270	100%	717,560	100%
Under \$10,000	3,865	5.7%	35,740	5.0%
\$ 10,000 - \$19,999	5,850	8.7%	57,495	8.0%
\$ 20,000 - \$29,999	8,645	12.9%	92,380	12.9%
\$ 30,000 - \$39,999	7,735	11.5%	90,965	12.7%
\$ 40,000 - \$49,999	8,195	12.2%	90,640	12.6%
\$ 50,000 - \$59,999	7,735	11.5%	83,905	11.7%
\$ 60,000 - \$69,999	6,375	9.5%	71,370	9.9%
\$ 70,000 - \$79,999	5,125	7.6%	54,175	7.5%
\$ 80,000 - \$89,999	4,235	6.3%	40,665	5.7%
\$ 90,000 - \$99,999	2,825	4.2%	27,310	3.8%
\$100,000 and over	6,600	9.8%	72,905	10.2%

Source: Statistics Canada, 1996 Census

Population 15 years old & over with Income, 1996



Males & Females 15 years & over with Income, living in the NADC Area, 1996



Source: Statistics Canada, 1996 Census

Average family income of NADC area communities compared to Alberta, 1996

Percent above or below (\$56,916) the average family income in Alberta, 1996	Number	Community	
+40% to +50%	2	Hines Creek	Rainbow Lake
+30% to +40%	1	Wood Buffalo Municipality	
+20% to +30%	0	—	
+10% to +20%	3	Grande Cache Whitcourt	Saddle Hills MD No. 20
+0% to +10%	9	Cold Lake Fairview Fox Creek Grande Prairie Grande Prairie County No.1	High Level Hythe Peace River Swan Hills
-0% to -10%	11	Athabasca Beaverlodge Donnelly Fairview MD No. 136 Grand Centre Manning	Peace MD No. 135 Slave Lake Smoky River MD No. 130 Wembley Woodlands MD No. 15
-10% to -20%	18	Berwyn Bonnyville Bonnyville MD No. 87 Clear Hills MD No. 21 East Peace MD No. 131 Elk Point Falher Grimshaw Greenview MD No.16	High Prairie Mackenzie MD No. 23 Northern Lights MD No. 22 Sexsmith Spirit River Spirit River MD No. 133 St. Paul St. Paul County No. 19 Valleyview
-20% to -30%	10	Big Lakes MD Birch Hills MD No. 19 Boyer Girouxville Kinuso	Lac la Biche McLennan Opportunity MD No. 17 Rycroft Athabasca County No. 12
-30% to -40%	3	Fort MacKay Glendon	Nampa
-40% to -50%	8	Cold Lake 149 Horse Lakes 157B Janvier 194 Puskiakiwenin 122	Sucker Creek 150A Wabasca 166D White Fish Lake 128 Woodland Cree 226
-50% to -60%	8	Drift Pile River 150 Hay Lake 209 Improvement District No. 24 John D'or Prairie 215	Kehiwin 123 Sturgeon Lake 154 Swan River 150E Wabasca 166A
-60% to -70%	3	Fox Lake 162 Unipouheos 121	Upper Hay River 212
-70% to -80%	0	—	
-80% to -90%	1	Beaver Lake	

Source: Statistics Canada, 1996 Census

Note: For the most part this table gives a reasonable perspective of income levels in these communities. However, an average can be skewed as a result of a few families that have a very high or very low income. In cases such as this the majority of the population can be well above or below the community average.