

Beaver County Population History

Year	Federal Census				Municipal Census		
	Original Population	Adjusted Population†	Percentage Change	Avg. Annual Growth Rate	Population	Percentage Change	Avg. Annual Growth Rate
1901	392						
1911	4,817						
1921	7,627						
1931	8,819						
1941	8,912						
1951	7,202						
1956	6,883						
1961	6,476						
1966	6,009						
1971	5,238						
1976	4,946	4,922			4,865	—	—
1979					4,950	1.7%	0.6%
1981	5,347	5,350	—	—			
1986	5,400	5,399	1.0%	0.2%			
1991	5,430		0.6%	0.1%			
1996	5,659		4.2%	0.8%			
2001	5,644		-0.3%	-0.1%			
2006	5,676		0.6%	0.1%			
2009					5,630	13.7%	0.4%
2011	5,689		0.2%	0.0%			
2016	5,905		3.8%	0.7%			

† Adjusted due to municipal boundary changes.

Sources: Statistics Canada (1901-2016) & Alberta Municipal Affairs (1956-2017)

Beaver County's Historical Growth Over Selected Time Periods from Federal Census

Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year	Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year
50 (1966-2016)	-1.7%	0.0%	-2	25 (1991-2016)	8.7%	0.3%	19
45 (1971-2016)	12.7%	0.3%	15	20 (1996-2016)	4.3%	0.2%	12
40 (1976-2016)	20.0%	0.5%	25	15 (2001-2016)	4.6%	0.3%	17
35 (1981-2016)	10.4%	0.3%	16	10 (2006-2016)	4.0%	0.4%	23
30 (1986-2016)	109.4%	0.3%	17	5 (2011-2016)	3.8%	0.7%	43

ISL recommends a low scenario of a 0.3% average annual growth rate (AAGR), a medium scenario of a 0.5% AAGR, and a high scenario of a 0.7% AAGR based on the AAGRs ranging from 0.0% and 0.7% presented above.

Village of Holden Population History

Year	Federal Census				Municipal Census		
	Original Population	Adjusted Population†	Percentage Change	Avg. Annual Growth Rate	Population	Percentage Change	Avg. Annual Growth Rate
1911	111						
1916	140		—	—			
1921	192		37.1%	6.5%			
1926	214		11.5%	2.2%			
1931	230		7.5%	1.5%			
1936	273		18.7%	3.5%			
1941	361		32.2%	5.7%			
1946	382		5.8%	1.1%			
1951	504		31.9%	5.7%			
1956	544		7.9%	1.5%			
1960					557	—	
1961	556		2.2%	0.4%	546	-2.0%	-2.0%
1964					532	-2.6%	-0.9%
1966	503		-9.5%	-2.0%			
1971	448		-10.9%	-2.3%			
1976	393	408	-12.3%	-2.6%	388	-27.1%	-2.6%
1981	430		9.4%	1.8%			
1986	411		-4.4%	-0.9%			
1991	411		0.0%	0.0%			
1996	397		-3.4%	-0.7%			
2001	374		-5.8%	-1.2%			
2006	398		6.4%	1.3%			
2010					396	2.1%	0.1%
2011	381		-4.3%	-0.9%			
2016	350		-8.1%	-1.7%			

† Adjusted due to municipal boundary changes.

Sources: Statistics Canada (1916-2016) & Alberta Municipal Affairs (1960-2017)

Holden's Historical Growth Over Selected Time Periods from Federal Census

Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year	Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year
50 (1966-2016)	-30.4%	-0.7%	-3	25 (1991-2016)	-14.8%	-0.6%	-2
45 (1971-2016)	-21.9%	-0.5%	-2	20 (1996-2016)	-11.8%	-0.6%	-2
40 (1976-2016)	-14.2%	-0.4%	-1	15 (2001-2016)	-6.4%	-0.4%	-2
35 (1981-2016)	-18.6%	-0.6%	-2	10 (2006-2016)	-12.1%	-1.3%	-5
30 (1986-2016)	-14.8%	-0.5%	-2	5 (2011-2016)	-8.1%	-1.7%	-6

In the absence of positive historical population growth among the various periods over the past 50 years, ISL recommends applying the same percentage scenarios applied to Beaver County – a low scenario of a 0.3% average annual growth rate (AAGR), a medium scenario of a 0.5% AAGR, and a high scenario of 0.7% AAGR.

Village of Ryley Population History

Year	Federal Census				Municipal Census		
	Original Population	Adjusted Population†	Percentage Change	Avg. Annual Growth Rate	Population	Percentage Change	Avg. Annual Growth Rate
1911	110						
1916	142		—	—			
1921	242		70.4%	11.3%			
1926	220		-9.1%	-1.9%			
1931	236		7.3%	1.4%			
1936	268		13.6%	2.6%			
1941	323		20.5%	3.8%			
1946	338		4.6%	0.9%			
1951	406		20.1%	3.7%			
1956	495		21.9%	4.0%			
1960					505	—	—
1961	469		-5.3%	-1.1%	495	-2.0%	-2.0%
1962					469	-5.3%	-5.3%
1963					506	7.9%	7.9%
1964					469	-7.3%	-7.3%
1965					506	7.9%	7.9%
1966	438		-6.6%	-1.4%			
1968					469	-7.3%	-2.5%
1971	428		-2.3%	-0.5%			
1976	432		0.9%	0.2%	429	-8.5%	-1.1%
1977					469	9.3%	9.3%
1978					525	11.9%	11.9%
1979					551	5.0%	5.0%
1981	483	488	11.8%	2.3%			
1982					520	-5.6%	-1.9%
1983					544	4.6%	4.6%
1986	500		3.5%	0.7%			
1991	432		-13.6%	-2.9%			
1996	465		7.6%	1.5%			
2001	437		-6.0%	-1.2%			
2006	458		4.8%	0.9%			
2011	497		8.5%	1.6%			
2016	483		-2.8%	-0.6%			

† Adjusted due to municipal boundary changes.

Sources: Statistics Canada (1916-2016) & Alberta Municipal Affairs (1960-2017)

Ryley's Historical Growth Over Selected Time Periods from Federal Census

Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year	Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year
50 (1966-2016)	10.3%	0.2%	1	25 (1991-2016)	11.8%	0.4%	2
45 (1971-2016)	12.9%	0.3%	1	20 (1996-2016)	3.9%	0.2%	1
40 (1976-2016)	11.8%	0.3%	1	15 (2001-2016)	10.5%	0.7%	3
35 (1981-2016)	-1.0%	0.0%	0	10 (2006-2016)	5.5%	0.5%	3
30 (1986-2016)	-3.4%	-0.1%	-1	5 (2011-2016)	-2.8%	-0.6%	-3

ISL recommends a low scenario of a 0.3% average annual growth rate (AAGR), a medium scenario of a 0.5% AAGR, and a high scenario of 0.7% AAGR based on the AAGRs ranging from -0.6% to 0.7% presented above, and to align with the recommended scenarios for Beaver County.

Town of Tofield Population History

Year	Federal Census				Municipal Census			Private Dwellings (Federal Censuses)		Number of Dwelling Units (Municipal Affairs)
	Original Population	Adjusted Population†	Percentage Change	Avg. Annual Growth Rate	Population	Percentage Change	Avg. Annual Growth Rate	Total	Occupied by Usual Residents	
1911	586									
1916	455		—	—						
1921	500		9.9%	1.9%						
1926	506		1.2%	0.2%						
1931	497		-1.8%	-0.4%						
1936	544		9.5%	1.8%						
1941	551		1.3%	0.3%						
1946	608		10.3%	2.0%						
1951	692		13.8%	2.6%						
1956	800		15.6%	2.9%						
1960					837	—				
1961	905		13.1%	2.5%	871	4.1%	4.1%			
1962					907	4.1%	4.1%			
1963					905	-0.2%	-0.2%			
1964					997	10.2%	10.2%			
1965					1,009	1.2%	1.2%			
1966	952		5.2%	1.0%						
1970					1,035	2.6%	0.5%			
1971	924		-2.9%	-0.6%						
1972					1,078	4.2%	2.1%			
1976	1,120		21.2%	3.9%	1,101	2.1%	0.5%			
1978					1,369	24.3%	11.5%			
1980					1,440	5.2%	2.6%			
1981	1,504		34.3%	6.1%						
1982					1,560	8.3%	4.1%			
1986	1,483	1,484	-1.4%	-0.3%						
1989					1,542	-1.2%	-0.2%			
1991	1,620		9.2%	1.8%				595		
1994					1,660	7.7%	1.5%			
1996	1,726		6.5%	1.3%				650		
2001	1,818		5.3%	1.0%				713	695	
2006	1,876		3.2%	0.6%				756	722	
2011	2,182		16.3%	3.1%				878	844	
2013										1,056
2014										1,056
2015										1,056
2016 ‡	2,081		-4.6%	-0.9%				864	814	1,058

† Adjusted due to municipal boundary changes.

‡ The 2016 federal census population is suspected of being an undercount due to the observations from the Town of Tofield's dwelling history presented below.

Population sources: Statistics Canada (1916-2016) & Alberta Municipal Affairs (1960-2017 Population Lists)

Dwelling sources: Statistics Canada (1991-2016) & Alberta Municipal Affairs (2018 Town of Tofield Municipal Profile)

Statistics Canada counted 878 total private dwellings in 2011 yet only counted 864 in 2016, 14 less than counted in 2011. Based on the amount of dwelling starts recorded by the Town between 2011 and 2016, it is likely that Statistics Canada missed counting dwellings in the 2016 census, thus undercounting Tofield's population in 2016.

Tofield's Historical Growth Over Selected Time Periods from Federal Census

Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year	Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year
50 (1966-2016)	118.6%	1.6%	23	25 (1991-2016)	28.5%	1.0%	18
45 (1971-2016)	125.2%	1.8%	26	20 (1996-2016)	20.6%	0.9%	18
40 (1976-2016)	85.8%	1.6%	24	15 (2001-2016)	14.5%	0.9%	18
35 (1981-2016)	38.4%	0.9%	16	10 (2006-2016)	10.9%	1.0%	21
30 (1986-2016)	40.2%	1.1%	20	5 (2011-2016)	-4.6%	-0.9%	-20

ISL recommends a low scenario of a 1.0% average annual growth rate (AAGR) and a high scenario of a 1.8% AAGR based on the AAGRs ranging from -0.9% (suspected as incorrect) and 1.8% presented above. A medium scenario of a 1.4% AAGR is recommended as it represents a midpoint between the recommended low and high scenarios.

Town of Viking Population History

Year	Federal Census				Municipal Census		
	Original Population	Adjusted Population†	Percentage Change	Avg. Annual Growth Rate	Population	Percentage Change	Avg. Annual Growth Rate
1911	153						
1916	227		—	—			
1921	357		57.3%	9.5%			
1926	447		25.2%	4.6%			
1931	492		10.1%	1.9%			
1936	480		-2.4%	-0.5%			
1941	491		2.3%	0.5%			
1946	526		7.1%	1.4%			
1951	683		29.8%	5.4%			
1956	897		31.3%	5.6%			
1960					1,019	—	
1961	1,043		16.3%	3.1%	1,014	-0.5%	-0.5%
1962					1,052	3.7%	3.7%
1963					1,092	3.8%	3.8%
1964					1,114	2.0%	2.0%
1965					1,122	0.7%	0.7%
1966	1,146		9.9%	1.9%	1,128	0.5%	0.5%
1967					1,160	2.8%	2.8%
1968					1,206	4.0%	4.0%
1969					1,225	1.6%	1.6%
1970					1,193	-2.6%	-2.6%
1971	1,178		2.8%	0.6%	1,203	0.8%	0.8%
1972					1,198	-0.4%	-0.4%
1973					1,207	0.8%	0.8%
1974					1,195	-1.0%	-1.0%
1975					1,214	1.6%	1.6%
1976	1,217	1,226	3.3%	0.7%	1,196	-1.5%	-1.5%
1978					1,200	0.3%	0.2%
1979					1,227	2.3%	2.3%
1981	1,232		1.2%	0.2%			
1982					1,238	0.9%	0.3%
1986	1,160		-5.8%	-1.2%			
1991	1,109		-4.4%	-0.9%			
1996	1,081		-2.5%	-0.5%			
2001	1,052		-2.7%	-0.5%			
2006	1,085		3.1%	0.6%			
2011	1,041		-4.1%	-0.8%			
2016	1,083		4.0%	0.8%			

† Adjusted due to municipal boundary changes.

Sources: Statistics Canada (1916-2016) & Alberta Municipal Affairs (1960-2017)

Viking's Historical Growth Over Selected Time Periods from Federal Census

Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year	Time Period (years)	% Change Over Period	Avg. Annual Growth Rate	Avg. People per Year
50 (1966-2016)	-5.5%	-0.1%	-1	25 (1991-2016)	-2.3%	-0.1%	-1
45 (1971-2016)	-8.1%	-0.2%	-2	20 (1996-2016)	0.2%	0.0%	0
40 (1976-2016)	-11.7%	-0.3%	-4	15 (2001-2016)	2.9%	0.2%	2
35 (1981-2016)	-12.1%	-0.4%	-4	10 (2006-2016)	-0.2%	0.0%	0
30 (1986-2016)	-6.6%	-0.2%	-3	5 (2011-2016)	4.0%	0.8%	8

ISL recommends a low scenario of a 0.3% average annual growth rate (AAGR) and a high scenario of a 0.7% AAGR based on the AAGRs ranging from -0.4% and 0.8% presented above, and to align with the recommended low and high scenarios for Beaver County. A medium scenario of a 0.5% AAGR is recommended as it represents a midpoint between the recommended low and high scenarios.

Preliminary Population Projections for Partner Municipalities

Year	Year Count	Beaver County			Village of Holden			Village of Ryley			Town of Toffield			Town of Viking		
		Low 0.3%	Medium 0.5%	High 0.7%	Low 0.3%	Medium 0.5%	High 0.7%	Low 0.3%	Medium 0.5%	High 0.7%	Low 1.0%	Medium 1.4%	High 1.8%	Low 0.3%	Medium 0.5%	High 0.7%
2016 †	-2	5,905	5,905	5,905	350	350	350	483	483	483	2,081	2,081	2,081	1,083	1,083	1,083
2017	-1	5,923	5,935	5,946	351	352	352	484	485	486	2,102	2,110	2,118	1,086	1,088	1,091
2018	0	5,940	5,964	5,988	352	354	355	486	488	490	2,123	2,140	2,157	1,090	1,094	1,098
2019	1	5,958	5,994	6,030	353	355	357	487	490	493	2,144	2,170	2,195	1,093	1,099	1,106
2020	2	5,976	6,024	6,072	354	357	360	489	493	497	2,165	2,200	2,235	1,096	1,105	1,114
2021	3	5,994	6,054	6,115	355	359	362	490	495	500	2,187	2,231	2,275	1,099	1,110	1,121
2022	4	6,012	6,084	6,157	356	361	365	492	498	504	2,209	2,262	2,316	1,103	1,116	1,129
2023	5	6,030	6,115	6,200	357	362	368	493	500	507	2,231	2,294	2,358	1,106	1,121	1,137
2024	6	6,048	6,145	6,244	358	364	370	495	503	511	2,253	2,326	2,400	1,109	1,127	1,145
2025	7	6,066	6,176	6,288	360	366	373	496	505	514	2,276	2,358	2,443	1,113	1,133	1,153
2026	8	6,085	6,207	6,332	361	368	375	498	508	518	2,299	2,391	2,487	1,116	1,138	1,161
2027	9	6,103	6,238	6,376	362	370	378	499	510	522	2,322	2,425	2,532	1,119	1,144	1,169
2028	10	6,121	6,269	6,421	363	372	381	501	513	525	2,345	2,459	2,578	1,123	1,150	1,178
2029	11	6,139	6,301	6,466	364	373	383	502	515	529	2,368	2,493	2,624	1,126	1,156	1,186
2030	12	6,158	6,332	6,511	365	375	386	504	518	533	2,392	2,528	2,671	1,129	1,161	1,194
2031	13	6,176	6,364	6,556	366	377	389	505	521	536	2,416	2,564	2,719	1,133	1,167	1,202
2032	14	6,195	6,396	6,602	367	379	391	507	523	540	2,440	2,599	2,768	1,136	1,173	1,211
2033	15	6,213	6,428	6,648	368	381	394	508	526	544	2,465	2,636	2,818	1,140	1,179	1,219
2034	16	6,232	6,460	6,695	369	383	397	510	528	548	2,489	2,673	2,869	1,143	1,185	1,228
2035	17	6,251	6,492	6,742	370	385	400	511	531	551	2,514	2,710	2,921	1,146	1,191	1,236
2036	18	6,270	6,524	6,789	372	387	402	513	534	555	2,539	2,748	2,973	1,150	1,197	1,245
2037	19	6,288	6,557	6,837	373	389	405	514	536	559	2,565	2,787	3,027	1,153	1,203	1,254
2038	20	6,307	6,590	6,884	374	391	408	516	539	563	2,590	2,826	3,081	1,157	1,209	1,263
2039	21	6,326	6,623	6,933	375	393	411	517	542	567	2,616	2,865	3,137	1,160	1,215	1,271
2040	22	6,345	6,656	6,981	376	395	414	519	544	571	2,642	2,905	3,193	1,164	1,221	1,280
2041	23	6,364	6,689	7,030	377	396	417	521	547	575	2,669	2,946	3,251	1,167	1,227	1,289
2042	24	6,383	6,723	7,079	378	398	420	522	550	579	2,695	2,987	3,309	1,171	1,233	1,298
2043	25	6,402	6,756	7,129	379	400	423	524	553	583	2,722	3,029	3,369	1,174	1,239	1,307
2044	26	6,422	6,790	7,179	381	402	425	525	555	587	2,750	3,071	3,429	1,178	1,245	1,317
2045	27	6,441	6,824	7,229	382	404	428	527	558	591	2,777	3,114	3,491	1,181	1,252	1,326
2046	28	6,460	6,858	7,280	383	406	431	528	561	595	2,805	3,158	3,554	1,185	1,258	1,335
2047	29	6,480	6,892	7,330	384	409	434	530	564	600	2,833	3,202	3,618	1,188	1,264	1,344
2048	30	6,499	6,927	7,382	385	411	438	532	567	604	2,861	3,247	3,683	1,192	1,270	1,354
2049	31	6,519	6,961	7,433	386	413	441	533	569	608	2,890	3,292	3,749	1,196	1,277	1,363
2050	32	6,538	6,996	7,486	388	415	444	535	572	612	2,919	3,339	3,817	1,199	1,283	1,373
2051	33	6,558	7,031	7,538	389	417	447	536	575	617	2,948	3,385	3,885	1,203	1,290	1,382
2052	34	6,577	7,066	7,591	390	419	450	538	578	621	2,977	3,433	3,955	1,206	1,296	1,392
2053	35	6,597	7,102	7,644	391	421	453	540	581	625	3,007	3,481	4,027	1,210	1,302	1,402
2054	36	6,617	7,137	7,697	392	423	456	541	584	630	3,037	3,530	4,099	1,214	1,309	1,412
2055	37	6,637	7,173	7,751	393	425	459	543	587	634	3,068	3,579	4,173	1,217	1,316	1,422
2056	38	6,657	7,209	7,805	395	427	463	544	590	638	3,098	3,629	4,248	1,221	1,322	1,432
2057	39	6,677	7,245	7,860	396	429	466	546	593	643	3,129	3,680	4,324	1,225	1,329	1,442
2058	40	6,697	7,281	7,915	397	432	469	548	596	647	3,161	3,731	4,402	1,228	1,335	1,452
2059	41	6,717	7,317	7,971	398	434	472	549	599	652	3,192	3,784	4,482	1,232	1,342	1,462
2060	42	6,737	7,354	8,026	399	436	476	551	602	657	3,224	3,837	4,562	1,236	1,349	1,472
2061	43	6,757	7,391	8,083	401	438	479	553	605	661	3,256	3,890	4,644	1,239	1,356	1,482
2062	44	6,777	7,428	8,139	402	440	482	554	608	666	3,289	3,945	4,728	1,243	1,362	1,493
2063	45	6,798	7,465	8,196	403	442	486	556	611	670	3,322	4,000	4,813	1,247	1,369	1,503
2064	46	6,818	7,502	8,253	404	445	489	558	614	675	3,355	4,056	4,900	1,250	1,376	1,514
2065	47	6,839	7,540	8,311	405	447	493	559	617	680	3,389	4,113	4,988	1,254	1,383	1,524
2066	48	6,859	7,577	8,369	407	449	496	561	620	685	3,422	4,170	5,078	1,258	1,390	1,535
2067	49	6,880	7,615	8,428	408	451	500	563	623	689	3,457	4,229	5,169	1,262	1,397	1,546
2068	50	6,900	7,653	8,487	409	454	503	564	626	694	3,491	4,288	5,262	1,266	1,404	1,557

† The 2016 federal census population of 2,081 for the Town of Toffield, the starting point for its projections, is suspected to be an undercount.

Preliminary Population Projections for Partner Municipalities, 5-Year Intervals from 2018

Year	Year Count	Beaver County			Village of Holden			Village of Ryley			Town of Tofield			Town of Viking		
		Low 0.3%	Medium 0.5%	High 0.7%	Low 0.3%	Medium 0.5%	High 0.7%	Low 0.3%	Medium 0.5%	High 0.7%	Low 1.0%	Medium 1.4%	High 1.8%	Low 0.3%	Medium 0.5%	High 0.7%
2016 +	-2	5,905	5,905	5,905	350	350	350	483	483	483	2,081	2,081	2,081	1,083	1,083	1,083
2017	-1	5,923	5,935	5,946	351	352	352	484	485	486	2,102	2,110	2,118	1,086	1,088	1,091
2018	0	5,940	5,964	5,988	352	354	355	486	488	490	2,123	2,140	2,157	1,090	1,094	1,098
2023	5	6,030	6,115	6,200	357	362	368	493	500	507	2,231	2,294	2,358	1,106	1,121	1,137
2028	10	6,121	6,269	6,421	363	372	381	501	513	525	2,345	2,459	2,578	1,123	1,150	1,178
2033	15	6,213	6,428	6,648	368	381	394	508	526	544	2,465	2,636	2,818	1,140	1,179	1,219
2038	20	6,307	6,590	6,884	374	391	408	516	539	563	2,590	2,826	3,081	1,157	1,209	1,263
2043	25	6,402	6,756	7,129	379	400	423	524	553	583	2,722	3,029	3,369	1,174	1,239	1,307
2048	30	6,499	6,927	7,382	385	411	438	532	567	604	2,861	3,247	3,683	1,192	1,270	1,354
2053	35	6,597	7,102	7,644	391	421	453	540	581	625	3,007	3,481	4,027	1,210	1,302	1,402
2058	40	6,697	7,281	7,915	397	432	469	548	596	647	3,161	3,731	4,402	1,228	1,335	1,452
2063	45	6,798	7,465	8,196	403	442	486	556	611	670	3,322	4,000	4,813	1,247	1,369	1,503
2068	50	6,900	7,653	8,487	409	454	503	564	626	694	3,491	4,288	5,262	1,266	1,404	1,557

† The 2016 federal census population of 2,081 for the Town of Tofield, the starting point for its projections, is suspected to be an undercount.

